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**REPORT OF GEOLOGICAL MAPPING, CHANNEL SAMPLING,
PROSPECTING AND DRILL CORE LOGGING ACTIVITY ON THE
CLAM LAKE AND WATERSHED WEST PROPERTIES
CHESTER AND YEO TOWNSHIPS
ONTARIO CANADA**

**Porcupine Mining Division
NTS 41P12D and 41O09A**

IAMGOLD CORPORATION

July 20, 2020

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Table of Contents

| | |
|-----------------------------------------------------|----|
| Title Page | 1 |
| Table of Contents | 2 |
| 1.0 SUMMARY | 4 |
| 2.0 INTRODUCTION | 4 |
| 3.0 PROPERTY LOCATION, ACCESS AND DESCRIPTION | 5 |
| 4.0 GEOLOGY | 9 |
| 4.1 Regional Geology | 9 |
| 4.2 Local Geology | 10 |
| 4.3 Alteration and Mineralization | 11 |
| 5.0 PREVIOUS WORK | 12 |
| 6.0 GEOLOGICAL MAPPING | 14 |
| 6.1 Geological Mapping | 14 |
| 6.1.1 Rock Types | 14 |
| 6.1.2 Alteration and Mineralization | 15 |
| 6.2 Results | 16 |
| 7.0 DIAMOND DRILL CORE LOGGING AND SAMPLING PROGRAM | 17 |
| 7.1 Summary | 17 |
| 7.2 Analytical Methods and QA/QC | 19 |
| 7.3 Rock Types | 19 |
| 7.4 Alteration and Mineralization | 20 |
| 7.5 Results | 20 |
| 7.6 Conclusions | 24 |
| 8.0 STATEMENT OF COSTS | 24 |
| 9.0 CONCLUSIONS | 27 |
| 10.0 RECOMMENDATIONS | 27 |
| STATEMENT OF QUALIFICATIONS | 28 |
| REFERENCES | 30 |

Tables

| | |
|----------------------------------------------------------------------------------------------|----|
| Table 1: List of mining claims from the Watershed West area in the Chester and Yeo Townships | 7 |
| Table 2: Summary of previous work | 13 |
| Table 3: Summary of diamond drill hole information | 18 |
| Table 4: Summary of anomalous gold results from CD17-14 | 23 |
| Table 5: Summary of expenditures | 25 |

Figures

| | |
|-------------------------------------------------------------------------------------------------------------------------|----|
| Figure 1: Location Map – Watershed West area in the Chester and Yeo Townships | 6 |
| Figure 2: Map showing the Watershed West area claims on which the work was performed. | 9 |
| Figure 3: Regional geological map of the Abitibi greenstone belt with the approximate property location outlined in red | 10 |
| Figure 4: Local geological map of the Watershed West area | 12 |
| Figure 5: Plan map of the location of geological mapping samples | 16 |
| Figure 6: Plan map of drill hole locations in the Watershed West area | 17 |

Appendix

| | |
|-----------------------------------------------------------------------------|--|
| Appendix A: Daily geological mapping log and daily rates | |
| Appendix B: Plan maps of geological mapping samples | |
| Appendix C: Geological mapping sample summary, assay certificates and QA/QC | |
| Appendix D: Daily core logging activity log and daily rates | |
| Appendix E: Drill hole logs and vertical drill hole sections | |
| Appendix F Drill hole assay certificates and QA/QC | |
| Appendix G: Invoices | |
| Appendix H: Distribution of assessment work by claim, lease and patent cell | |
| Appendix I: Legend of abbreviations | |
| Appendix J: Permits | |

1.0 SUMMARY

A surface geological mapping exploration program in the Watershed west area was designed during the spring of 2017 and completed between July to September 2017 and June and August 2018. The work was focused in this area to determine if mineralization occurs west of the Côté Gold deposit in an area that was at the time being proposed as deposit infrastructure. This program was successful at locating outcrops but did not uncover significant gold mineralization. This mapping program was done in conjunction with a condemnation drill program that was completed from October 16 2017 to April 16 2018. A total of 17 drill holes were collared in the Watershed West area and sampled for gold. Again, the results did not show significant mineralization in the area. This program was successful at determining that the Watershed West area is suitable for site infrastructure.

The work was completed by IAMGOLD geologists and geotechnicians. The work was performed for IAMGOLD Corporation. The coordinate system used to locate the area of work is the Universal Transverse Mercator (UTM) and the datum used is NAD 83 in Zone 17.

2.0 INTRODUCTION

This report has been prepared by IAMGOLD Corporation to document exploration work completed in the Watershed West area of the Chester property in the Chester and Yeo Townships between July 23, 2017 and August 27, 2018. The work program included geological mapping and diamond drilling. Permits for the diamond drilling can be found in the appendix. Timelines and the number of personnel involved for each specific type of work are presented in the body of the text and in the Appendix. Planning of geological mapping was completed by Laura Katz, a Geologist with IAMGOLD. Execution of the geological mapping was completed by a number of Geologists, Junior Geologists and a Geotechnician within the IAMGOLD Côté Exploration team including Laura Katz, Nathan McCullough, Joycelyn Smith, Erik Bobeckko, Matt Trenkler, Percy Clark, Andrew Shea, Adam Waram, Jacob Pinter, Shane O'Neill and Brian Tomczuk. Planning of the diamond drilling was completed by Brad McKinley, Senior Geologist with IAMGOLD, and the executing of the diamond drilling was completed by Riadh Zellagui, a Project Geologist with IAMGOLD, and Milauni Desai, a Junior Geologist, G.I.T. with IAMGOLD. All workers conducted these exploration programs under the direction of Alan Smith, District Manager – Exploration, Côté Exploration office, who was responsible for overseeing all Exploration work in the IAMGOLD Côté Project South Swayze land holdings.

Two laboratories were used for assay analyses, Activation Laboratories (Actlabs) Ltd., Timmins and Ancaster, Ontario and AGAT Laboratories, Thunder Bay, Ontario. The majority of samples were sent to Actlabs and analyzed at the Ancaster, Ontario laboratory. Actlabs is accredited to international quality standards through the International Organization for Standardization /International Electrotechnical Commission (ISO/IEC) 17025 (ISO/IEC 17025 includes ISO 9001 and ISO 9002 specifications). Only one sample batch during this program was sent to AGAT. AGAT Laboratories is accredited, for specific tests, to the ISO/IEC 17025:2005. AGAT Laboratories is certified to the following standard ISO 9001:2015.

3.0 PROPERTY LOCATION, ACCESS AND DESCRIPTION

The Watershed West area is situated in the central part of the land package in both the Chester and Yeo Townships and is located west of the Côte Gold deposit. The main access to the property is by the Sultan Industrial Road west off of Highway 144; this junction is located approximately 30 km south of Gogama, Ontario (Fig. 1). At the Highway 144 and Sultan Industrial Road intersection head west on the Sultan for 3.4 km then turn north onto the Chester (logging) Road. Take this road approximately 11 km north to reach the southern part of the Watershed West area. Moore Lake can be accessed along boat launches off the southern or northern shore (Figs. 1 and 2). Alternate access can be gained by taking Mesomikenda Lake Road for 1.6 km off of Highway 144 before reaching the Côte Gold Exploration Office. However, from this point on access to the property is restricted via a set of gates and security guards stationed along the Chester Property access road.

The property consists of numerous claims, leases and patents in the Chester and Yeo Townships. (Table 1; Figs. 1 and 2). The property falls within the Porcupine Mining Division. Exploration activity was conducted in the Chester and Yeo Townships within NTS 41P12D and 41O09A (Fig. 2).

The topography typically contains gently rolling to flat terrain. There is a thin veneer of glacial till, soil, moss or lichen over bedrock. Bedrock exposure is variable, but typically well exposed, particularly along the Moore Lake shoreline and along trails. The principal 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 and birch.

The Watershed West property is part of a large property owned by 70% IAMGOLD Corporation ("IAMGOLD") and 30% Sumitomo Corporation. The Watershed West property lies within the central part of the South Swayze Côte Project owned by IAMGOLD Corp. and SMM Gold Côte Inc.

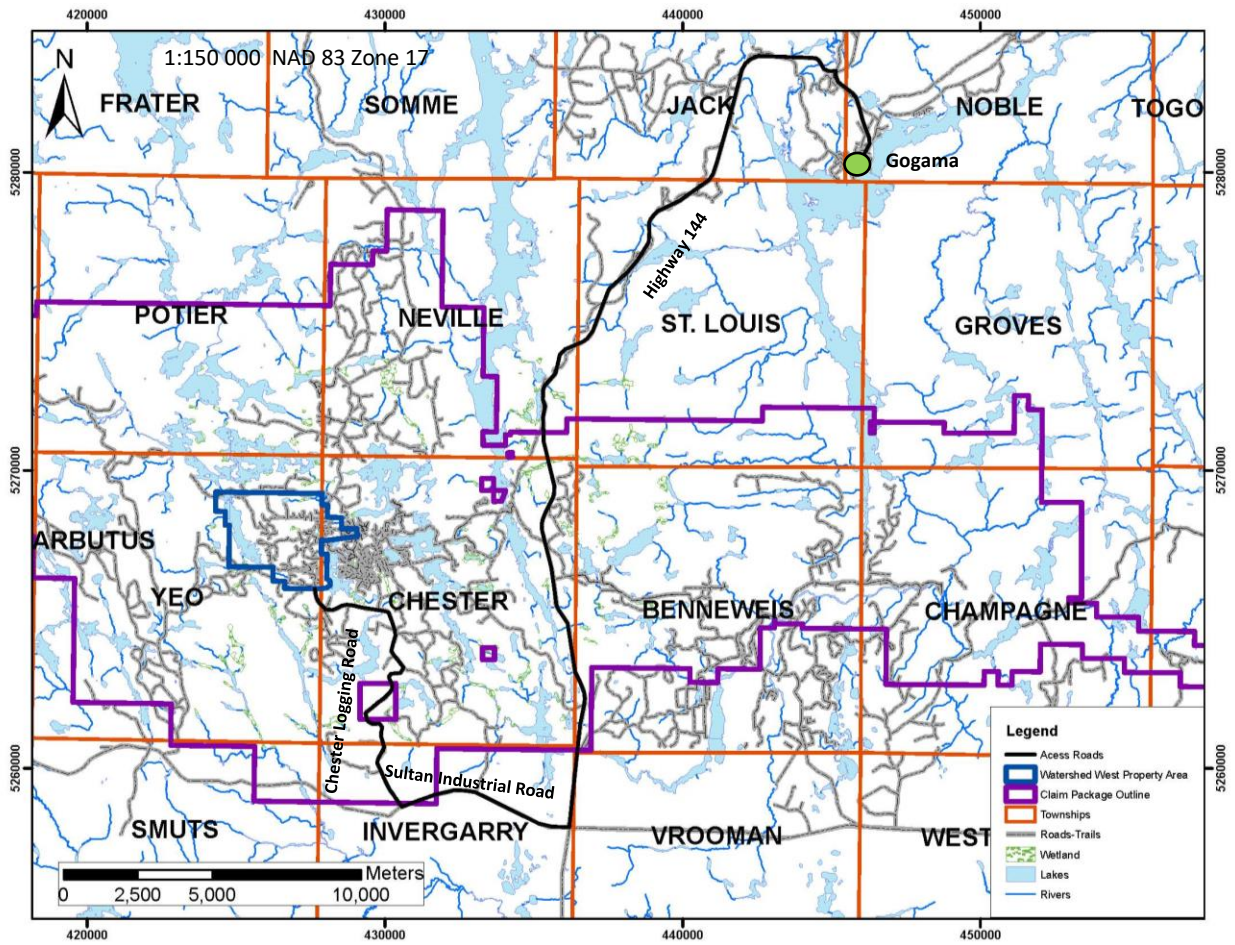


Figure 1: Location Map – Watershed West area in the Chester and Yeo Townships

Table 1: List of mining claims from the Watershed West area in the Chester and Yeo Townships

| Active Claim or Land Tenure | Previous Claim or Patent No. Listed | Conversion ID for Mining Lease (pending lease assignment) | Provincial Cell No. | Township | Claim Holders |
|-----------------------------|-------------------------------------|-----------------------------------------------------------|---------------------|-----------------|--------------------------------------------------|
| PAT-15025 | S8997 | | 41P12D148 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 116529 | | CLM553 | 41P12D147 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 177718 | | CLM 556 | 41P12D086 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 204180 | | CLM 556 | 41P12D105 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 327426 | | CLM 556 | 41P12D106 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 116452 | | CLM 556 | 41P12D126 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 153091 | | CLM556 | 41P12D146 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 226375 | | CLM 556 | 41P12D145 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 102747 | | CLM556 | 41P12D166 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 226376 | | CLM 556 | 41P12D165 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 231585 | | CLM 556 | 41P12D107 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 260252 | | CLM 556 | 41P12D127 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 285676 | | CLM556 | 41P12D147 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 287506 | | CLM556 | 41P12D167 | Yeo and Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109901 | 127554 | | 41P12D167 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109901 | 274087 | | 41P12D188 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109881 | 312151 | | 41P12D109 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109881 | 189417 | | 41P12D110 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109881 | 212800 | | 41P12D067 | Chester and Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109881 | 327416 | | 41P12D110 | Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109881 | 164888 | | 41P12D107 | Chester and Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 116621 | | | 41O09A100 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 224235 | | | 41O09A080 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 212220 | | | 41O09A060 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 328798 | | | 41O09A041 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| 314121 | | | 41O09A047 | Yeo and Chester | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 340658 | | 41P12D061 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 178411 | | 41P12D061 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 165547 | | 41P12D081 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 298292 | | 41P12D101 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |

Table 1 continued: List of mining claims from the Watershed West area in the Chester and Yeo Townships

| Active Claim or Land Tenure | Previous Claim or Patent No. Listed | Conversion ID for Mining Lease (pending lease assignment) | Provincial Cell No. | Township | Claim Holders |
|-----------------------------|-------------------------------------|-----------------------------------------------------------|---------------------|----------|--------------------------------------------------|
| LEA-109892 | 280990 | | 41P12D062 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 260936 | | 41P12D082 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 232268 | | 41P12D102 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 116538 | | 41P12D122 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 164952 | | 41P12D142 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 298291 | | 41P12D063 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 328083 | | 41P12D083 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 178413 | | 41P12D103 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 129685 | | 41P12D123 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 164951 | | 41P12D143 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 178412 | | 41P12D084 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 159460 | | 41P12D144 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 279599 | | 41P12D064 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 314145 | | 41P12D084 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 230350 | | 41P12D104 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 259534 | | 41P12D124 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 164314 | | 41P12D144 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 224228 | | 41P12D164 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 203452 | | 41P12D065 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 164162 | | 41P12D085 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 117200 | | 41P12D105 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 312793 | | 41P12D145 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 326837 | | 41P12D165 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 211545 | | 41P12D066 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |
| LEA-109892 | 230349 | | 41P12D086 | Yeo | 70% IAMGOLD Corporation & 30% SMM Gold Cote Inc. |

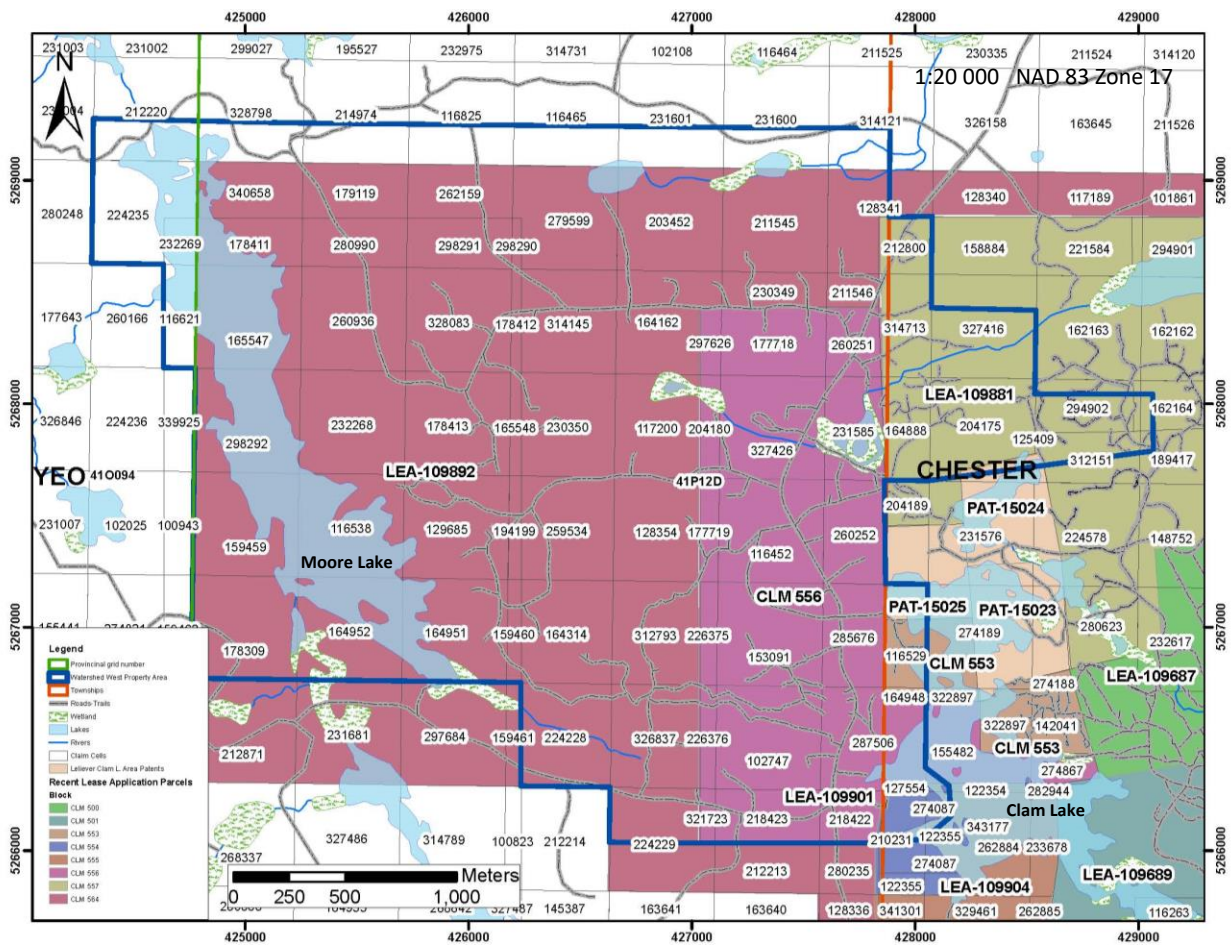


Figure 2: Map showing the Watershed West area claims on which the work was performed.

4.0 GEOLOGY

4.1 Regional Geology

The Chester property is situated in the southwestern part of the Abitibi greenstone belt (AGB) of the Superior Province (Fig. 3). The property is situated within the Swayze area of the AGB. The Swayze area is separated from the main AGB area by the Kenogamissi granitoid complex. The Swayze area is bounded to the south by the Ramsey-Algoma granitoid complex, to the west by the Kapuskasing structure zone and to the north by the Nat River granitoid complex.

Supracrustal units in the AGB are dominated by east-west striking volcanic and sedimentary assemblages. The various volcanic and intrusive rocks of the AGB are diverse, ranging from ultramafic to felsic in composition, as well as containing both chemical and clastic sedimentary rocks of the Porcupine and Timiskaming assemblages. A variety of mafic to felsic intrusive rocks that represent synvolcanic intrusions occur as part of the greenstone belt. Larger batholithic complexes external to the greenstone belt rocks (e.g. Round Lake) represent centres of structural domes. Syntectonic intrusions also occur in the AGB, some of which are coeval with the Timiskaming assemblage and are spatially associated with the Cadillac-Larder Lake and Porcupine-Destor deformation zones. The AGB contains several east-trending

deformation zones that commonly occur at assemblage boundaries and are spatially associated with long linear belts representing the sedimentary assemblages (i.e., Porcupine and Timiskaming). These deformation zones have a complex structural history and represent major breaks in the greenstone belt. The AGB is intruded by numerous diabase dikes trending from northwest to north to northwest in the property and likely represent the Matachewan and possibly Abitibi dike swarms.

The Archean rocks are unconformably overlain by Paleoproterozoic rocks of the Huronian Supergroup, which were deposited in a north-trending graben referred to as the Cobalt Embayment. The upper sedimentary cycles of the Huronian Supergroup include the Cobalt and Flack Lake Groups. Within the Cobalt Group there are two formations, the Gowganda and Lorrain. Within the Flack Lake Group there are also two formations, the Gordon Lake and Bar River. The Gowganda Formation is the lower sequence of the Cobalt Group and consists mainly of framework- and matrix-supported conglomerate and lesser greywacke, siltstone and mudstone (Long, 2009). The basal sequence of the Gowganda Formation (Coleman member) is interpreted to have been deposited beneath a continental ice sheet, while the upper sequence (Firstbrook member) is interpreted to have been deposited in a deltaic environment (Long, 2009).

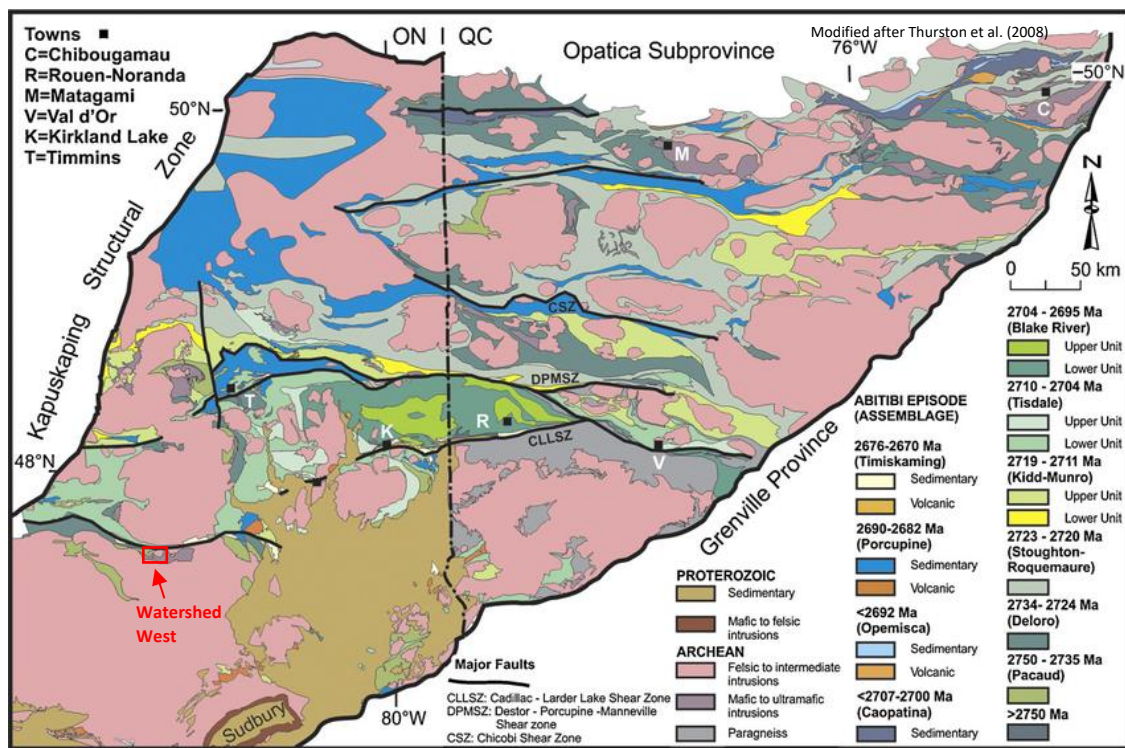


Figure 3: Regional geological map of the Abitibi greenstone belt with the approximate property location outlined in red

4.2 Local Geology

The Watershed West area occurs partially in the Chester intrusive complex (CIC) in the southern part of the property (Fig. 4). The northern part of the property is composed of the volcanoclastic rocks of the Yeo Formation and Timiskaming-like sedimentary rocks. The CIC is a synvolcanic, multiphase intrusion composed dominantly of tonalite, quartz diorite and diorite phases constrained to ca. 2741-2739 Ma (Katz et al., 2017). The Yeo Formation is composed of intermediate to felsic volcanic rocks constrained to 2739

± 1 (van Breemen et al., 2006) and 2734 ± 1 Ma (Heather and Shore, 1999). In the mapping area, the rock types encountered include tonalite, tonalite breccia, quartz diorite, diorite, diorite breccia, felsic to intermediate to mafic volcanic rocks and sedimentary rocks. Several dike rocks occur in the area, including feldspar porphyry, quartz feldspar porphyry, lamprophyre, mafic dike and diabase. These dikes postdate the emplacement of the CIC.

The Ridout deformation zone (RDZ) occurs in the northern part of the property. The RDZ occurs within the volcanic and sedimentary rocks. The CIC occurs south of the RDZ and, as such, is affected to some degree by the major structure in the form of small (<1 m to few m) deformation zones. These shear zones are often discontinuous and pinch-swell. The deformation zones in the CIC are often localized along muscovite and/or chlorite alteration haloes marginal to ca. 2740 Ma veins due to preferred structural weakness (Katz, 2016; Smith, 2016).

4.3 Alteration and Mineralization

In the CIC, alteration associated with mineralization includes biotite/chlorite and sericite. These alteration types are restricted to the host rocks of the CIC (i.e., tonalite, tonalite breccia, quartz diorite, diorite and diorite breccia) and do not occur in dike rocks. Biotite and/or chlorite occurs typically as disseminations whereas sericite alteration is fracture- or vein-controlled. In areas of higher vein densities this alteration can be pervasive. Silica-albite alteration also affects the host rocks of the CIC, but gold was not introduced during this event. These alteration assemblages may be correlated to and part of the large magmatic-hydrothermal system that hosts the Côté Gold deposit due to their similar mineralogy, timing and proximity to the deposit.

In the Yeo Formation, alteration typically consists of chlorite, silica and sericite. The chlorite alteration is disseminated or pervasive whereas the silica and sericite alteration is pervasive. The sedimentary rocks are likewise altered by chlorite, silica and sericite. Disseminated carbonate alteration is also common.

Several small deformation zones are noted in the Watershed West area of the CIC. Alteration occurs within and marginal to these zones, including sericite, silica and chlorite, which overprints alteration associated with CIC. Late alteration occurs as disseminated epidote and hematite that affects the host rocks of the CIC, as well as later dike rocks, and is not associated with mineralization.

Sulphide mineralization in the Watershed West area occurs as disseminated and vein-controlled pyrite and chalcopyrite mineralization with lesser visible pyrrhotite and malachite. In the CIC, gold mineralization is mostly known to occur in veins, particularly sheeted quartz \pm sulphide vein sets with sericite alteration haloes. Gold mineralization rarely occurs as disseminations in biotite and sericite altered host rocks and in biotite and/or chlorite altered matrix of the diorite breccia. The volcanic rocks are rarely gold-bearing, but when present mineralization can occur as disseminations or vein-controlled.

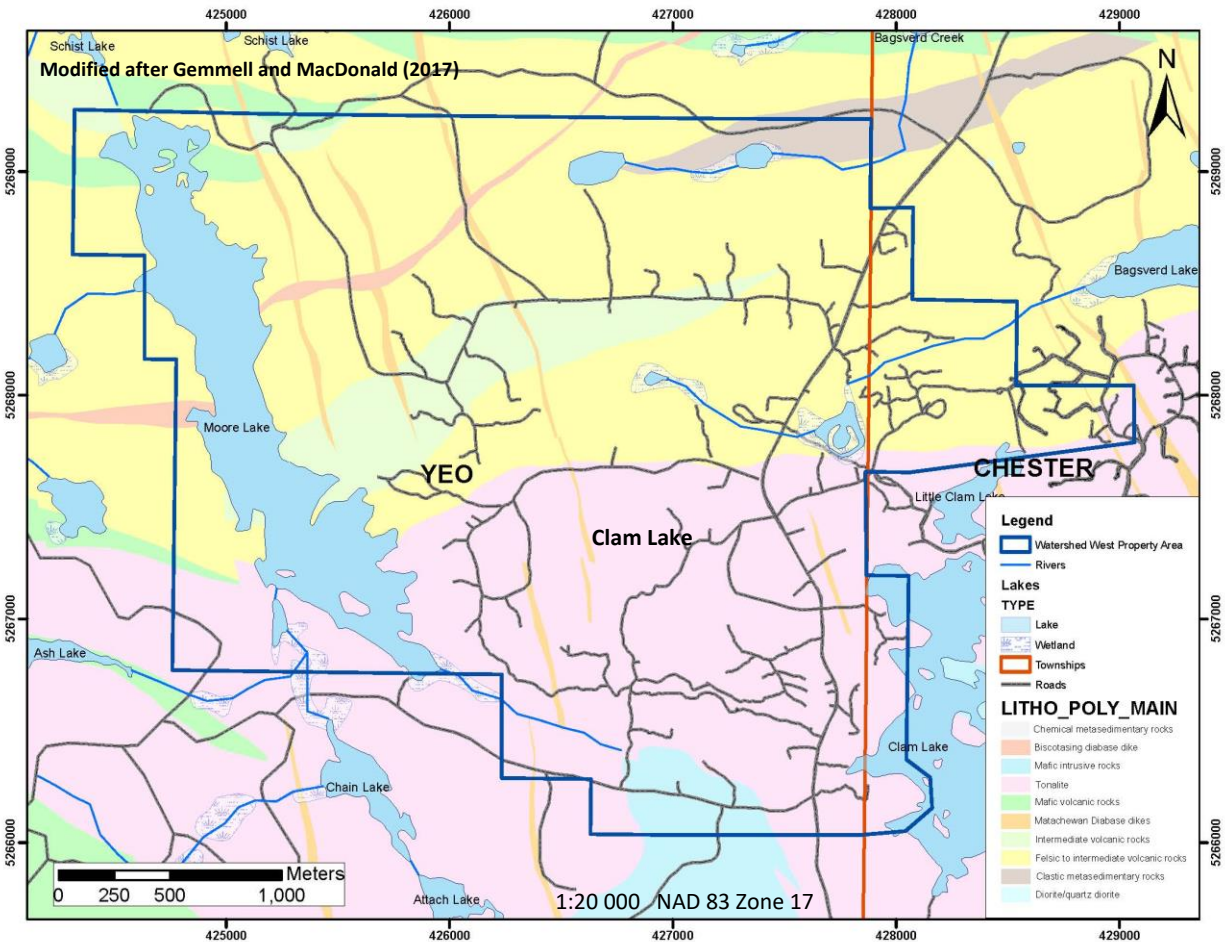


Figure 4: Local geological map of the Watershed West area

5.0 PREVIOUS WORK

The following summarizes historical exploration in the Watershed West Property area. Additional historical information can also be found as a hard copy T-series files located in the Timmins MNMDO office. These T-series files are generally of an earlier vintage than what can be found online dating back to the 1930's.

Table 2: Summary of previous work

| Year | Company | Description of Work Performed |
|-----------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1933-34 | Young Shannon Gold Mines | Small pits and shafts with lateral development on small islands in Clam Lake; Vein 3 & 4 discovered on west side of Clam Lake |
| 1961 | Jonsmith Mines Ltd | 4 DDHs (124.1m total) targeting Veins 3 & 4 |
| 1965 | Chester Minerals Ltd. | Geological Compilation |
| 1965 | Gogama Gold Mines Ltd. | EM & MAG survey |
| 1973 | Park Precious Metals | Dewatered Shannon Island shaft and sampled |
| 1971 | Gogama Minerals Ltd. | VLF survey |
| 1978 | Canadian Crest Gold Mines | AMAG survey |
| 1978-79 | Canadian Crest Gold Mines & Baxter Minerals Ltd. | AMAG & Radiometric survey; power trenching |
| 1980 | Hargor Resources Inc. | AMAG, EM, AVLF surveys |
| 1980 | Baxter Minerals Ltd | AMAG & ARAD surveys; prospecting and compilation |
| 1981 | Kidd Resources Ltd. | Power stripping |
| 1984 | Johnway Resources Inc | Geological Mapping |
| 1984 | Chester Minerals Ltd. | Geological evaluation of No 4 Vein and other occurrences throughout the property; IP/res & VLF survey |
| 1985 | Kidd Resources Ltd. | Power stripping of "Quartz Showing" |
| 1985 | Benton resources Inc. | AMAG & VLF survey |
| 1986 | Blue Falcon Mines Ltd. | AMAG & VLF Survey |
| 1987 | Chesbar Resources Inc. | VLF-EM survey, geological mapping |
| 1987 | Young-Shannon Gold Partnership | 7 DDHs testing Vein 3 & 4 mineralization, known as the 'F' Zone |
| 1988 | Chesbar Resources Inc. | 4 DDHs (408.8m total) targeting various historical occurrences |
| 1988 | Crown Minerals | VLF-EM |
| 1989 | Johnx Holdings Ltd. | Overburden stripping |
| 1989 | Blue Falcon Mines Ltd. | Overburden stripping |
| 1990 | Blue Falcon Mines Ltd. | AMAG & VLF |
| 1999 | Robert Duess | Surface grab sampling and documentation of mineralized zones throughout the property |
| 2007-2008 | Auguen Gold Corp. | Airborneelectromagnetic, airborne magnetometer, airborne radiometric |
| 2009-2010 | Auguen Gold Corp. | Electromagnetic very low frequency |
| 2010 | Crown Mineral | Stripping and geological mapping |
| 2010 | Pierre Robert | GMAG and VLF-EM surveys |
| 2011 | Trelawney Mining and Exploration Inc. | Grassroots grab sampling and propsecting including historic occurrence locating and verification |
| 2011-2015 | Sanatana Resources Inc. | Assaying and Analyses, diamond drilling, induced polarization |
| 2012 | Trelawney Mining and Exploration Inc. | IP/res & ground mag survey; PDP a = 50 m, n = 6 surveyed on 100 m cut lines |
| 2012-2013 | Trelawney Mining and Exploration Inc. | Airborne magnetics; survey and mergins a series of datasets |
| 2012-2013 | Sanatana Resources Inc. | Magnetic / Magnetometer Survey |
| 2013-2015 | Trelawney Mining and Exploration Inc. | Sampling, Prospecting and mapping on property wide grid and infill grid mapping |
| 2013-2015 | Trelawney Mining and Exploration Inc. | Diamond drill program of 22 holes (5392.5 m total) |
| 2015 | Trelawney Mining and Exploration Inc. | Mechanized stripping program |
| 2016-2018 | Trelawney Mining and Exploration Inc. | Infill mapping and sampling |
| 2017-2018 | IAMGOLD Corporation | Infill mapping and sampling |

6.0 GEOLOGICAL MAPPING

6.1 Geological Mapping

Geological mapping was conducted in the months of July to September of 2017 and June and August of 2018. The purpose of this program was to obtain mapping coverage throughout the Watershed West area in an attempt to find mineralized zones.

The geological work was conducted from July 23, 2017 to September 14, 2017 and June 5, 2018 to August 27, 2018 for a total of 51 days by numerous IAMGOLD employees (see Appendix A for details). Daily geological mapping logs are presented in Appendix A. Figure 5 illustrates where the mapping work was completed. Detailed plan maps showing the location of samples, sample numbers, lakes, roads, geology and claim, patent or lease numbers can be found in Appendix B. All mapping was conducted in the Chester and Yeo Townships and in NTS 41P12D and 41O09A.

Appendix C contains a description of the each sample collected during the mapping program. The majority of samples were submitted to Actlabs for gold analyses by fire assay method (Code 1A2 Au), as well as by gravimetric finish (Code 1A3-50) and screen metallic (Code 1A4-500) when needed. One batch of samples was sent to AGAT Laboratory for gold analyses by fire assay method (Code 202-051 Trace Au, AAS finish). Assay results and certificates are presented in Appendix C. Standards and blanks were rotated and inserted approximately every twelve sample. The blanks used in this program were certified blank material. The standards used were certified reference material and include OREAS 504b, OREAS 224, OREAS 501b and OREAS 218. All blanks passed, but one OREAS 504b and one OREAS 224 standard failed (Appendix C). One OREAS 504b standard that failed was two hundredths (i.e., 0.02) below the third standard deviation, while the OREAS 224 was far below the third standard deviation. A total of 69 were sent for trace element analyses (Code UT-6 Total Digestion ICP & ICP/MS) and 9 were sent for whole-rock analyses (Code 4C (1-10) whole rock analysis-XRF) to Actlabs.

The geological mapping occurred throughout the Watershed West area, as far west as Moore Lake and as far east as the Clam Lake shoreline. Mapping was focused in the western, northern and central parts of the property to infill mapping coverage. A total of 178 grab samples, not including standards and blanks, were collected and analyzed for gold. All the samples were collected in the Watershed West area (Fig. 5; Appendix B). The equipment used include a clipboard, notebooks, geotools, hammer, chisel, Garmin GPSmap 62st handheld GPS, Brunton pocket transit compass and Sunnto compass.

6.1.1 Rock Types

The following is a summary of rock types found while mapping. The rock type classification for the intrusive and dike rocks is based on Katz et al. (2017). The rock type classification for volcanic rocks is also based on Katz et al. (2017), in addition to trace and whole-rock geochemistry from surface mapping samples. The rock type classification for sedimentary rocks is based observations made while field mapping.

Quartz diorite and diorite

Quartz diorite and diorite are the second most abundant rock type encountered in the mapping area. The quartz diorite and diorite are typically medium- to coarse-grained, massive to rarely deformed, equigranular or porphyritic and green to dark-green. Quartz diorite and diorite range from leucocratic to

melanocratic phases and are composed of amphibole, plagioclase ± quartz with trace titanite, ilmenite and magnetite. Both quartz diorite and diorite are intruded sharply to diffusely by tonalite and tonalite breccia whereas they are sharply intruded by dike rocks.

Tonalite

Tonalite is the most common rock type encountered in the area. Tonalite is medium-grained, massive to rarely deformed, typically equigranular and grey to grey-green to pink-grey. The unit is composed dominantly of quartz and plagioclase feldspar. The tonalite is sharply intruded by dike rocks.

Tonalite breccia

This unit is a magmatic breccia that formed as a result of brecciating diorite and rarely tonalite along its intrusive margins. That matrix is composed of the tonalite described above. Fragments range from cm to m-sized and contain sharp to diffuse contact with the matrix. Tonalite breccia is grey-green to green in colour with fine-grained to coarse-grained diorite fragments. Tonalite breccia can be brecciated by diorite breccia. Dike rocks sharply intrude this unit.

Volcanic rocks

The volcanic rocks occur in the northern part of the property and range from felsic to mafic in composition (i.e., dacitic to basaltic), but are typically felsic to intermediate (i.e., dacitic to andesitic) in composition. The volcanic rocks are typically moderately to strongly deformed in the area making identification of the protolith difficult. The rock types include tuffs with ash size particles, lapilli tuffs, massive flows and rarely tuff breccias and pillow breccias.

Sedimentary rocks

The sedimentary rocks occur in the northern part of the property. Sedimentary rocks were rarely encountered in the mapping area and include conglomerates and possibly siltstones or mudstones. The conglomerate is heterolithic, containing both volcanic and intrusive cm-sized clasts. The conglomerate unit is moderately to strongly deformed.

Dike rocks

Several dike rocks were encountered, including feldspar porphyry, quartz feldspar porphyry, lamprophyre and diabase. Feldspar porphyry and quartz feldspar porphyry dikes are grey, massive, porphyritic and were rarely encountered in the mapping area. A mafic intrusive dike cuts through the volcanic rocks. This unit is fine- to medium-grained, dark-green and massive. Lamprophyre dikes are fine-grained, massive to deformed, biotite porphyritic and dark-grey to red-brown. These dikes were only rarely mapped in the area. Mafic dikes are fine- to medium-grained, massive, grey to green and were rarely encountered in the mapping area. Diabase dike is fine-grained, black, magnetic, massive and equigranular. Several diabase dikes were mapped through the Watershed area.

6.1.2 Alteration and Mineralization

In the CIC, several alteration types were encountered while mapping, including biotite, chlorite, sericite and silica-albite. Biotite and chlorite occur as disseminations while sericite and silica-albite are fracture- or vein-controlled or pervasive. The alteration types affect the host rocks of the CIC. Sulphide

mineralization occurs as disseminated pyrite and chalcopyrite, ranging from trace to several percent. Sulphide mineralization also occurs as fracture- and vein-controlled pyrite, chalcopyrite and rare malachite and pyrrhotite, ranging from trace to several percent. In addition, disseminated epidote, hematite and carbonate occur and affect the host rocks of the CIC and the later dike rocks. Although dike rocks may contain trace disseminated pyrite, they are not gold-bearing.

In the volcanic rocks chlorite, silica, sericite and carbonate alteration occur. Sulphide mineralization is not as abundant in the volcanic rocks compared to the intrusive rocks of the CIC. Sulphides are typically ≤ 1 percent and occur as disseminated pyrite and chalcopyrite. Rarely sulphide-bearing veins (i.e., pyrite-chalcopyrite \pm malachite) occur in the volcanic rocks. The sedimentary rocks are also chlorite, silica and sericite altered. Sulphide mineralization is rare and consists of disseminated pyrite typically < 1 percent.

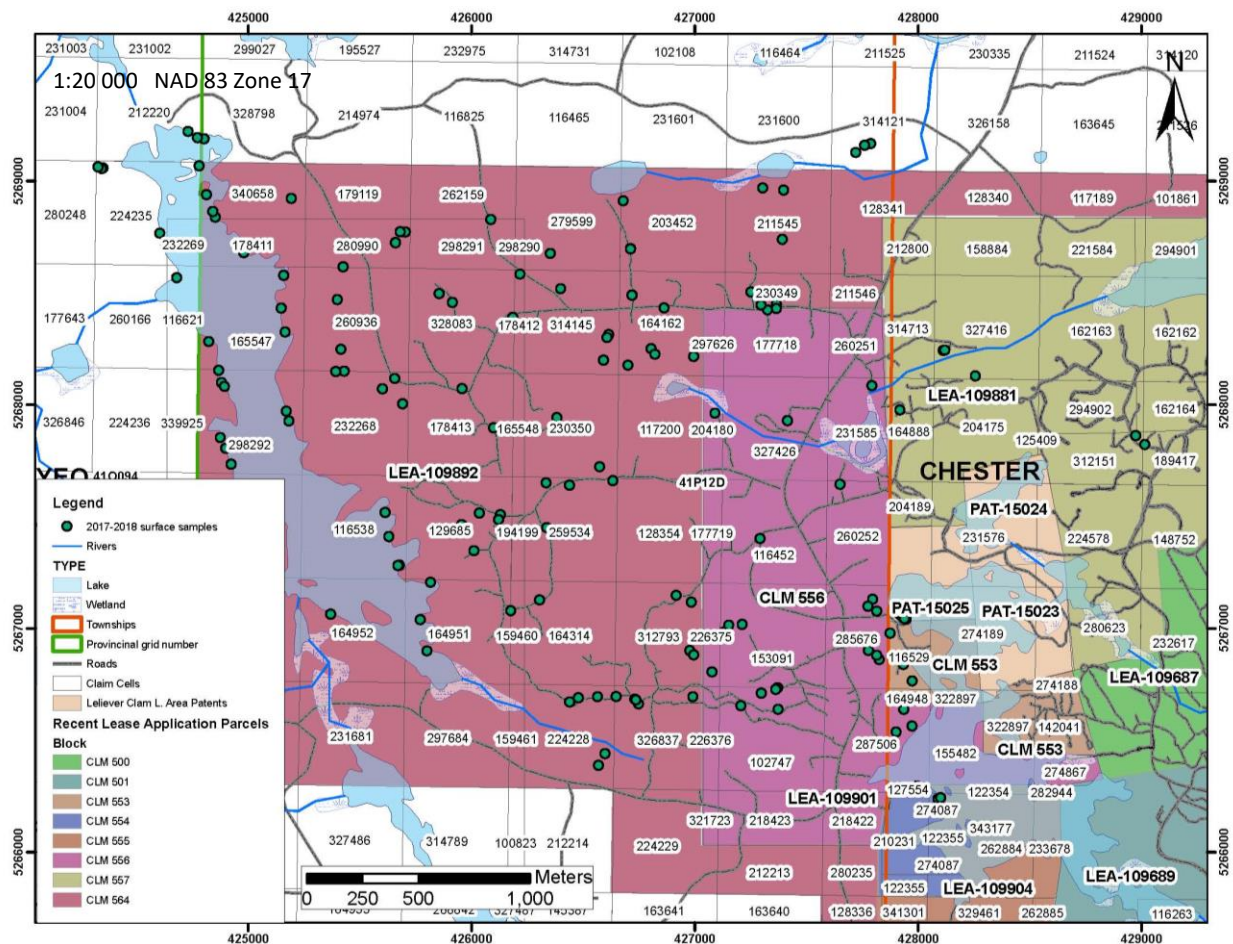


Figure 5: Plan map of the location of geological mapping samples

6.2 Results

The mapping campaign was successful at finding new outcrops in the area and filling in geological gaps. However, the surface mapping and assay results did not identify zones of mineralization although some anomalous gold results were received. The historical Hopkins Zone, for instance contained several anomalous gold results in historic trenches.

Surface geological mapping indicates that when present, mineralization is more often hosted in veins-bearing samples (see Table C1 in Appendix C). These veins are quartz ± carbonate ± biotite ± chlorite ± sulphide in composition and typically occur as mm to cm in size. These veins often contain a strong sericite and/or chlorite alteration halo. Anomalous gold may also occur disseminated in tonalite and less often in tonalite breccia and quartz diorite.

7.0 DIAMOND DRILL CORE LOGGING AND SAMPLING PROGRAM

7.1 Summary

The drill program occurred in conjunction with the Côté Gold deposit Feasibility Study in fall and winter of 2017 and winter and spring of 2018. The purpose of the drill program was to determine if economic gold mineralization occurred west of the deposit in an area of planned infrastructure. The planned tailings management facility covers portions of both the Clam Lake and Watershed West properties immediately west of the Côté Gold deposit.

The drill program consisted of seventeen diamond drill holes totaling 4,245 m of NQ size core that were drilled in the Chester and Yeo Townships and in NTS 41P12D (Fig. 6). A summary table of the diamond drill holes is presented in Table 3.

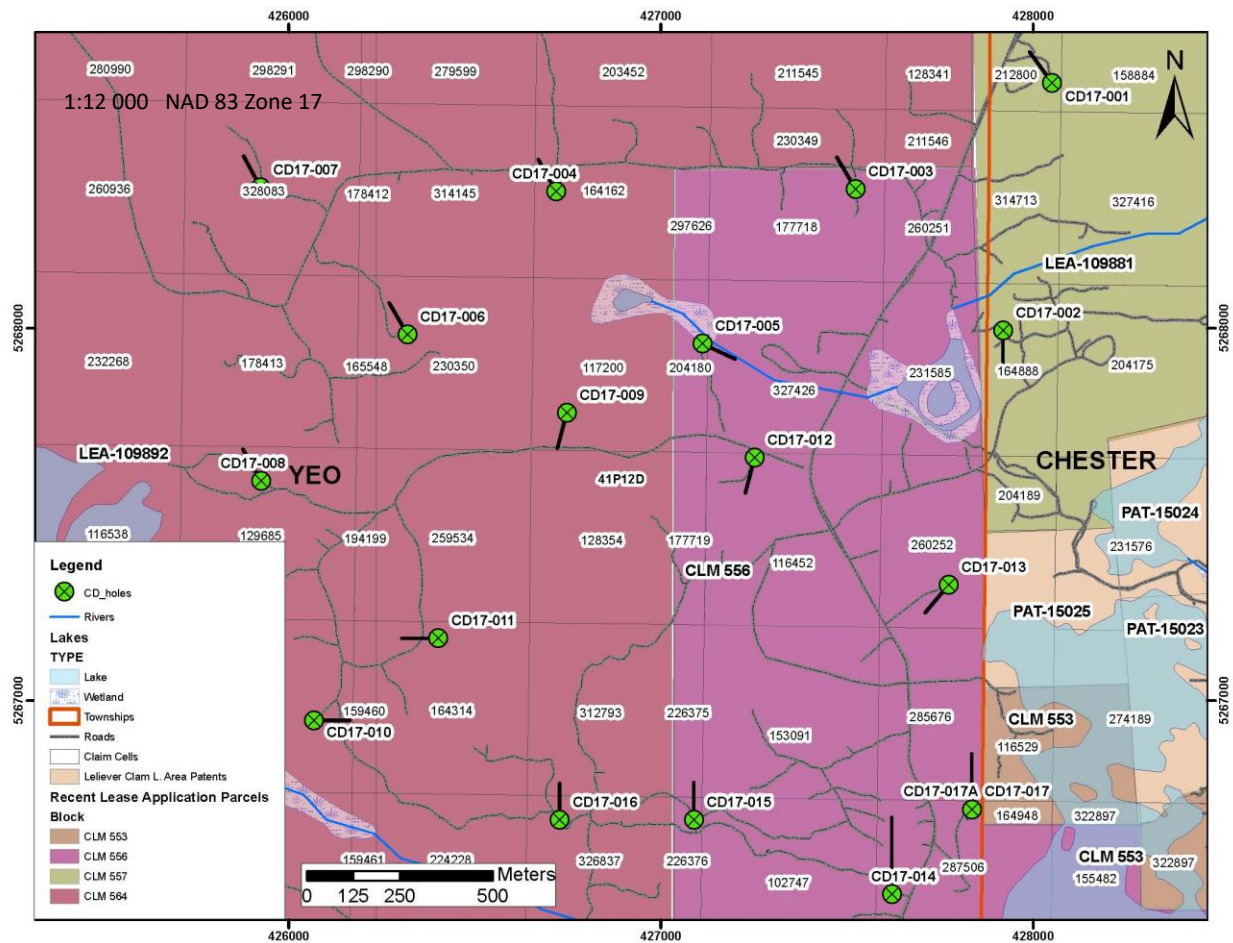


Figure 6: Plan map of drill hole locations in the Watershed West area

Table 3: Summary of diamond drill hole information

| Drillhole Name | Lease No. | Provincial Cell No. | Easting* | Northing* | Azimuth | Dip | Length (m) | Start Drill Date | End Drill Date | Log Date | No. Samples Collected | No. Samples Assayed |
|----------------|------------|---------------------|----------|-----------|---------|-----|------------|------------------|----------------|-----------|-----------------------|---------------------|
| CD17-001 | LEA-109881 | 41P12D | 428047 | 5268664 | 330 | -65 | 231 | 16-Oct-17 | 19-Oct-17 | 23-Oct-17 | 284 | 284 |
| CD17-002 | LEA-109881 | 41P12D | 427916 | 5267978 | 182.7 | -65 | 231 | 21-Nov-17 | 23-Nov-17 | 28-Nov-17 | 182 | 182 |
| CD17-003 | CLM 556 | 41P12D | 427525 | 5268375 | 330 | -65 | 231 | 19-Oct-17 | 21-Oct-17 | 23-Oct-17 | 242 | 242 |
| CD17-004 | LEA-109892 | 41P12D | 426715 | 5268376 | 330 | -65 | 231 | 21-Oct-17 | 22-Oct-17 | 27-Oct-17 | 244 | 244 |
| CD17-005 | CLM 556 | 41P12D | 427110 | 5267957 | 115 | -65 | 231 | 02-Nov-17 | 04-Nov-17 | 06-Nov-17 | 249 | 249 |
| CD17-006 | LEA-109892 | 41P12D | 426316 | 5267984 | 330 | -65 | 231 | 31-Oct-17 | 01-Nov-17 | 03-Nov-17 | 241 | 241 |
| CD17-007 | LEA-109892 | 41P12D | 425927 | 5268376 | 330 | -65 | 228 | 23-Oct-17 | 25-Oct-17 | 31-Oct-17 | 242 | 242 |
| CD17-008 | LEA-109892 | 41P12D | 425917 | 5267591 | 330 | -65 | 231 | 07-Nov-17 | 08-Nov-17 | 15-Nov-17 | 163 | 163 |
| CD17-009 | LEA-109892 | 41P12D | 426751 | 5267779 | 195 | -63 | 231 | 05-Nov-17 | 07-Nov-17 | 11-Nov-17 | 203 | 203 |
| CD17-010 | LEA-109892 | 41P12D | 426063 | 5266944 | 90 | -65 | 231 | 14-Nov-17 | 16-Nov-17 | 18-Nov-17 | 167 | 167 |
| CD17-011 | LEA-109892 | 41P12D | 426404 | 5267165 | 270 | -65 | 231 | 17-Nov-17 | 18-Nov-17 | 22-Nov-17 | 172 | 172 |
| CD17-012 | CLM 556 | 41P12D | 427252 | 5267655 | 195 | -65 | 231 | 19-Nov-17 | 21-Nov-17 | 24-Nov-17 | 175 | 175 |
| CD17-013 | CLM 556 | 41P12D | 427776 | 5267311 | 220 | -65 | 231 | 28-Nov-17 | 29-Nov-17 | 01-Dec-17 | 177 | 177 |
| CD17-014 | CLM 556 | 41P12D | 427621 | 5266482 | 360 | -68 | 552 | 30-Nov-17 | 05-Dec-17 | 04-Dec-17 | 407 | 407 |
| CD17-015 | CLM 556 | 41P12D | 427087 | 5266681 | 360 | -65 | 231 | 14-Dec-17 | 17-Dec-17 | 17-Dec-17 | 199 | 199 |
| CD17-016 | LEA-109892 | 41P12D | 426746 | 5266679 | 360 | -65 | 231 | 18-Dec-17 | 21-Dec-17 | 11-Jan-18 | 186 | 186 |
| CD17-017A | CLM 556 | 41P12D | 427838 | 5266707 | 360 | -50 | 231 | 12-Dec-17 | 13-Dec-17 | 14-Dec-17 | 173 | 173 |

*NAD 83 Zone 17

The drilling was completed for IAMGOLD by Norex Drilling Limited, Porcupine, Ontario. Norex mobilized a diamond drill to the property on October 16, 2017. Drilling on the property commenced on October 16, 2017 and was completed on December 21, 2017. At each set up the drill was aligned prior to drilling by a Reflex TN14 Gyrocompass. Each drill hole collar was positioned using a handheld Garmin GPSmap 62st handheld GPS. After the drill rig was removed, the drill hole collars were surveyed using a differential GPS system to obtain a final collar coordinate. Core was oriented during the drill program using a Reflex Act III RD orientation kit by Norex and the core was subsequently aligned by a geotechnician. The downhole orientation of the drill hole was monitored using a Reflex EZ-Trac (single or multishot) instrument. Collar tests were taken, on average, 12 m from the toe of the drill casing and then around every 50 m after the collar test until the end of the hole. A multishot test was taken every 3 m from the bottom of the drill hole to the top before removing the drill rods. The core was brought twice a day from the drill rig to the Côté Exploration Auxiliary Core Shack, located at 3 Mesomikenda Lake Road, Gogama, Ontario.

The program was planned by Brad McKinley, a Senior Geologist with IAMGOLD. The execution of the core logging was carried out by Milauni Desai, a Junior Geologist, G.I.T. and Riadh Zellagui, a Project Geologist with IAMGOLD. Drill core logging occurred from October 2017 to January 2018 for a total of 66 days. Core was oriented, cut and sampled by numerous geotechnicians, including Mark Sunarich, Channing Graham, Doreen Luke, Calvin Naveau, Leiland Wheesk, Jonathon Wheesk, Chaz McKay, Blake Baulne and Arthur Constant. Sampling of the drill core occurred from October 2017 to April 2018. A daily log of drill core logging and daily rates of IAMGOLD employees involved in the diamond drilling campaign can be found in Appendix D. All the work was performed at the Côté Exploration Core Shack. All the geotechnicians, except Mark Sunarich, are local workers and did not require accommodation at the Cote Exploration Camp.

Drill logs describing the location of the hole collar, size of core, thickness of casing, rock type, alteration, mineralization, sample lengths, etc. can be found in Appendix E. Vertical cross sections can also be found in Appendix E.

After the drill program environmental inspections were conducted at each drill location to verify that the set ups were left in an environmentally good condition. All the drill pad locations were properly remediated.

7.2 Analytical Methods and QA/QC

This section provides information on the samples, laboratory, geochemical technique and QA/QC information for Watershed West drill program. Gold assay results and certificates can be found in Appendix F. A total of 4051 samples, including 147 blanks and 149 certified reference materials were sent to Activation Laboratories (Actlabs) Ltd., Timmins, Ontario for gold assay. All samples were sent for gold analyses by fire assay method (Code 1A2 Au). No trace element geochemistry or whole-rock geochemistry was completed.

Standards and blanks were inserted at a fixed rotation. Standards and blanks were rotated and were inserted every twelve sample. The blanks used in this program were certified blank material. The standards that were used are certified reference materials and include OREAS 501c, OREAS 502b, OREAS 503b and OREAS 504b. All blank material passed, but five standards failed. Of these five failures, three were re-assayed and these passed. The two standards that failed and were not re-assayed were from hole CD17-01 and included two OREAS 502b standards. One of the standards was four one hundredth below the third standard deviation and the other was one one hundredth below the third standard deviation. The QA/QC results for the drill program can be found in Appendix F.

7.3 Rock Types

The following is a summary of rock types encountered in the drill program. The rock type classification for the intrusive and dike rocks is based on Katz et al. (2017). The rock type classification for volcanic rocks is also based on Katz et al. (2017) and drill core observations.

Quartz diorite and diorite

Quartz diorite was encountered more often than diorite in the drilling area. The quartz diorite is medium-grained and quartz-plagioclase porphyritic, massive and dark-green. The diorite is medium-grained, massive to foliated, equigranular and dark-green.

Tonalite

Tonalite is the most abundant rock type encountered in the CIC. Tonalite is medium-grained, massive, pink to grey and typically equigranular, but rarely porphyritic.

Tonalite breccia

Tonalite breccia was mostly encountered in the southern part of the drilling area. Tonalite breccia contains a medium-grained, massive equigranular, pink or grey matrix with quartz diorite or diorite fragments.

Quartz diorite breccia

Rare instances of quartz diorite breccia were encountered in while drilling. The breccia is grey/green in colour and contains a medium-grained quartz diorite matrix with cm-sized, fine-grained to coarse-

grained diorite fragments. In some instances this breccia unit may have been misidentified during the logging process and should have been logged as tonalite breccia.

Volcanic rocks

Volcanic rocks encountered in this drill program range from felsic to intermediate to mafic. Felsic volcanic rocks are weakly to moderately deformed, grey and occur as tuffs with ash or lapilli sized fragments. Intermediate volcanic rocks are weakly to moderately deformed, grey to green and occur as tuffs with ash or lapilli sized fragments. Mafic volcanic rocks are weakly to moderately deformed, dark-green to green and occur as tuffs with ash sized fragments or massive flows.

Dike rocks

Several dike rocks were encountered in drill core. This includes quartz feldspar porphyry, mafic dike, lamprophyre dike and diabase dike. Quartz feldspar porphyry are grey to green in colour, medium-grained and quartz and plagioclase phenocrysts. This unit sharply intrudes CIC rocks. Lamprophyre dikes are brown, foliated and biotite porphyritic. Mafic dike are typically foliated, dark green and have sharp contacts. The unit sharply intrudes CIC rocks. Diabase dike rocks intrudes volcanic rocks and intrusive rocks of the CIC. These dikes are black, magnetic and contain plagioclase phenocrysts.

7.4 Alteration and Mineralization

Alteration includes biotite, chlorite, sericite, silica-albite, carbonate, hematite and epidote. Biotite and chlorite alteration occurs as disseminations in the CIC. Sericite and silica-albite alteration are fracture-controlled and may become pervasive in areas within higher density of veins or fractures. The felsic volcanic rocks are more often sericite and silica-albite altered, whereas the mafic volcanic rocks are more often chlorite altered. In the volcanic rocks, these alteration types are typically pervasive. Disseminated carbonate alteration is also common in volcanic rocks. Hematite and epidote occur in the CIC host rocks as disseminations that postdate sulphide mineralization.

Sulphide mineralization consists of disseminated and vein-controlled pyrite, chalcopyrite, pyrrhotite. The mineralization is typically constrained to the intrusive rocks of the CIC or the volcanic rocks. Visible gold was found in one drill hole (CD17-017A) in a quartz vein cutting tonalite breccia. Rare disseminated pyrite occurs in the lamprophyre dike, but this unit is not gold-bearing.

7.5 Results

CD17-001: This hole was drilled to a final depth of 231 m. The hole was drilled in moderate to strongly sericite and silica-albite altered felsic volcanic rock, including crystal and lapilli tuffs. The rock hosts contain semi-pervasive silica-albite and strong semi-pervasive sericite alteration. The hole is very weakly mineralized with disseminated trace pyrite and chalcopyrite and contains no anomalous gold values above 0.1 g/t Au.

CD17-002: This hole was drilled to a final depth of 231 m. The hole drilled through altered mafic volcanic rock, which included both tuffs and massive flows. The rock contains weak semi-pervasive silica-albite and moderate selective carbonate alteration. The rock is foliated with conformable carbonate stringers.

This hole is very weakly mineralized with trace disseminated pyrite and chalcopyrite. This hole contained no anomalous gold.

CD17-003: This hole was drilled to a final depth of 231 m. The hole was drilled entirely in felsic volcanic rock, including both crystal and lapilli tuffs. The rocks were strongly semi-pervasive to pervasive silica-albite and sericite altered. One small diabase dikes intrudes the host rock. The hole is very weakly mineralized with trace disseminated pyrite and chalcopyrite. This hole contained no anomalous gold.

CD17-004: This hole was drilled to a final depth of 231 m. The drill hole is dominated by felsic volcanic rocks, including lapilli and crystal tuffs. Several small diabase dikes intrude the host rock. Alteration of the felsic volcanic rock was variable in this hole and included weak disseminated silica-albite to strong pervasive sericite. The hole is very weakly mineralized with trace disseminated pyrite and chalcopyrite. This hole contained no anomalous gold.

CD17-005: CD17-005 was drilled to a final depth of 231 m. This hole was drilled entirely in mafic volcanic rock, which included both tuffs and massive flows. Localized strong chlorite alteration occurred and the chlorite defines the foliation. The hole contains weak semi-pervasive silica-albite and moderate disseminated sericite alteration. Localized moderate disseminated carbonate alteration throughout the hole as well. The hole was very weakly mineralized with disseminated trace pyrite and chalcopyrite and contains no anomalous gold.

CD17-006: This hole was drilled to a final depth of 231 m. This hole was drilled entirely in mafic volcanic rock, which included both tuffs and massive flows. The hole contains chlorite and moderate disseminated carbonate alteration throughout the hole. Chlorite defines the foliation and zones of foliation also contained carbonate stringers. The hole was very weakly mineralized with trace disseminated pyrite and chalcopyrite and contained no anomalous gold.

CD17-007: This hole was drilled to a final depth of 228 m. The rock type alternated between intermediate volcanic (tuff) and felsic volcanic rocks (lapilli and crystal tuff). The felsic volcanic rocks were weakly silica-albite and moderate to strong sericite altered. The intermediate volcanic rocks were weakly silica-albite and strong pervasive sericite altered. One small diabase dike unit occurs in this hole and intrudes the intermediate volcanic rocks. The hole was weakly mineralized with trace disseminated pyrite and chalcopyrite. Several anomalous gold (i.e., ≥ 0.1 g/t) values were returned from this hole, including a 1 m interval at 64 m that ran 0.12 g/t Au, a 1 m interval at 96 m that ran 0.12 g/t Au and a 1 m interval at 162.41 that ran 0.18 g/t Au.

CD17-008: This hole was drilled to a final depth of 231 m in the CIC. The hole alternated between tonalite and quartz diorite. The tonalite contains weak to moderately silica-albite and sericite alteration. Zones of strong chlorite alteration was also noted. Quartz diorite contains weak silica-albite and moderate pervasive sericite with zones of strong chlorite alteration. There were several quartz-feldspar porphyry and mafic dikes that intruded the host rocks. The hole also intersected multiple small m wide diabase dikes, as well as one large 26 m wide diabase dike. The tonalite and quartz diorite rocks were

very weakly mineralized with trace disseminated pyrite and chalcopyrite. This hole contained no anomalous gold.

CD17-009: This hole was drilled to a final depth of 231 m. The hole alternated between tonalite, tonalite breccia, intermediate volcanic (tuffs) and mafic volcanic rocks (tuff and massive flow). The host rocks were intruded by several m wide mafic and diabase dikes. The tonalite contains moderate to strong silica-albite alteration. The felsic volcanic are moderately sericite altered while the mafic volcanic are strongly chlorite altered. The hole is very weakly mineralized with trace disseminated pyrite and chalcopyrite. This hole contains no anomalous gold.

CD17-010: This hole was drilled to a final depth of 231 m in CIC. The hole contains tonalite, quartz diorite and quartz diorite breccia. A few lamprophyre, mafic and diabase dikes were also intersected throughout the hole. The tonalite contains weak to moderate silica-albite and sericite. The tonalite also shows strong disseminated chlorite alteration in some areas. The quartz diorite contains strong chlorite alteration and weak silica-albite and moderate pervasive sericite. The hole is weakly mineralized with disseminated pyrite, chalcopyrite and pyrrhotite. This hole returned an anomalous gold value of 0.17 g/t Au at 225 m (1.5 m wide sample).

CD17-011: This hole was drilled to a final depth of 231 m in CIC. The hole is dominantly tonalite, which is intruded by numerous dikes rocks (e.g., quartz feldspar porphyry, lamprophyre, mafic and diabase dikes). Towards the top of the hole, a mafic volcanic rock unit was encountered. The tonalite contains weak to strong silica-albite and sericite with moderate to strong disseminated chlorite alteration. The hole is weakly mineralized with disseminated pyrite, chalcopyrite and pyrrhotite. This hole returned one sample with anomalous gold at 0.35 g/t Au from 199.5 m (1.5 m sample length).

CD17-012: CD17-012 was drilled to a final depth of 231 m in CIC rocks. The hole is dominated by tonalite with one small interval of diorite at the top of the hole. The hole also contains lamprophyre and mafic dikes. The alteration present in the tonalite consists of weak to strong silica-albite and sericite with localized weak to strong disseminated chlorite alteration. The diorite contains disseminated chlorite and epidote alteration. The hole is weakly mineralized with disseminated pyrite. This hole contains one anomalous gold result at 229.6 m that ran 0.4 g/t over a 0.71 m sample length.

CD17-013: This hole was drilled to a final depth of 231 m in the CIC. The hole is dominated by tonalite and contains one small interval of diorite. The tonalite is intruded by several small lamprophyre dikes and one diabase dike. The tonalite contains weak to strong silica-albite and sericite and contains zones of moderate to strong disseminated chlorite alteration. The hole is weakly mineralized with disseminated pyrite, chalcopyrite and pyrrhotite. This hole contains two anomalous gold results, including a 0.13 g/t Au result at 124.12 m (0.88 m sample length) and a 0.14 g/t Au result at 194.5 m (1.5 m sample length).

CD17-014: This hole was drilled to a final depth of 552 m in the CIC. The hole encountered tonalite, tonalite breccia, quartz diorite, diorite and quartz diorite breccia. The host rocks were intruded by a variety of dike rocks, including lamprophyre, mafic and diabase. The alteration present in the tonalite consists of weak

to strong silica-albite and sericite. The quartz diorite contains weak to moderate silica-albite and chlorite alteration. The hole is weakly mineralized with disseminated pyrite, chalcopyrite and pyrrhotite; locally this mineralization is noted to be stronger. This hole contains a number of anomalous gold results presented in Table 4.

Table 4: Summary of anomalous gold results from CD17-14

| From | To | Width (m) | Au (g/t) | Rock Type |
|-------------|-----------|------------------|-----------------|-------------------------|
| 9.27 | 10 | 0.73 | 0.28 | Quartz diorite |
| 112.5 | 114 | 1.5 | 0.13 | Tonalite |
| 162 | 163.5 | 1.5 | 0.24 | Tonalite |
| 208.5 | 210 | 1.5 | 0.1 | Tonalite |
| 210 | 211.5 | 1.5 | 0.87 | Tonalite |
| 264 | 265.5 | 1.5 | 0.12 | Tonalite |
| 265.5 | 267 | 1.5 | 0.11 | Tonalite |
| 274.5 | 276 | 1.5 | 0.11 | Tonalite |
| 303 | 304.5 | 1.5 | 0.3 | Tonalite |
| 324 | 325.5 | 1.5 | 0.14 | Tonalite |
| 327 | 328.5 | 1.5 | 0.5 | Tonalite |
| 339 | 340.5 | 1.5 | 0.1 | Tonalite |
| 343.5 | 345 | 1.5 | 0.5 | Tonalite |
| 351 | 352.5 | 1.5 | 0.1 | Tonalite |
| 352.5 | 354 | 1.5 | 0.14 | Tonalite |
| 354 | 355.5 | 1.5 | 0.11 | Tonalite |
| 355.5 | 357 | 1.5 | 0.1 | Tonalite |
| 357 | 358.5 | 1.5 | 0.14 | Tonalite |
| 358.5 | 360 | 1.5 | 0.11 | Tonalite |
| 360 | 361.5 | 1.5 | 0.14 | Tonalite |
| 361.5 | 363 | 1.5 | 0.11 | Tonalite |
| 367.5 | 369 | 1.5 | 0.22 | Tonalite |
| 411 | 412.35 | 1.35 | 0.14 | Tonalite |
| 412.35 | 412.9 | 0.55 | 0.41 | Tonalite |
| 429 | 430.5 | 1.5 | 0.1 | Tonalite |
| 448.5 | 450 | 1.5 | 0.28 | Tonalite |
| 450 | 451.5 | 1.5 | 0.59 | Tonalite |
| 453 | 454.5 | 1.5 | 0.22 | Tonalite |
| 454.5 | 456 | 1.5 | 0.16 | Tonalite |
| 456 | 457.5 | 1.5 | 0.11 | Tonalite |
| 457.5 | 459 | 1.5 | 0.11 | Tonalite |
| 494 | 493.5 | -0.5 | 0.18 | Tonalite |
| 514.5 | 516 | 1.5 | 0.2 | Tonalite breccia |
| 540 | 541.5 | 1.5 | 0.46 | Quartz diorite |
| 543 | 544.5 | 1.5 | 0.28 | Quartz diorite |
| 547.5 | 549 | 1.5 | 0.57 | Quartz diorite/Tonalite |

CD17-015: This hole was drilled to a final depth of 231 m in the CIC. The hole varies between tonalite breccia, diorite, quartz diorite and quartz diorite breccia. The hole also intersected quartz feldspar porphyry, lamprophyre and mafic dikes. The alteration present in the tonalite consists of weak silica-albite and sericite. The quartz diorite contains weak to moderate disseminated silica-albite and biotite alteration. The hole is weakly mineralized with disseminated pyrite and pyrrhotite. This hole contains rare anomalous gold values, including an isolated 1.5 m sample at 47 m that ran 0.11 g/t Au and a small zone of anomalous gold mineralization from 147 to 153 m. This zone contains a 1.5 m sample at 147 m that ran 0.44 g/t Au, a 1.5 m sample at 148.5 m sample that ran 0.11 g/t Au, a 1.5 m sample at 150 that ran 0.42 g/t Au and a 1.5 m sample that ran 0.11 g/t Au.

CD17-016: This hole was drilled to a final depth of 231 m in the CIC. This hole intersected tonalite, quartz diorite and quartz diorite breccia. The host rocks are cut by feldspar porphyry, lamprophyre and mafic dikes. The tonalite contains very weak to moderate silica-albite and sericite alteration whereas quartz diorite contains moderate silica-albite and biotite alteration. The hole is weakly mineralized with disseminated pyrite and pyrrhotite. This hole shows no anomalous gold.

CD17-017A: This hole was drilled to a final depth of 231 m in the CIC. The hole intersected several rock types, including tonalite, tonalite breccia, quartz diorite and diorite. The host rocks were intruded by lamprophyre and mafic dikes. Tonalite contains weak to moderate silica-albite and sericite alteration whereas the quartz diorite contains weak to moderate silica-albite and biotite alteration. The hole is weakly mineralized with disseminated pyrite and pyrrhotite. This hole contains a few anomalous gold results, including a 1.13 g/t Au sample at 30 m (1.5 m sample length), a 0.16 g/t Au sample at 59.5 m (0.5 m sample length), 13.4 g/t Au sample at 81.5 m (0.6 m sample length), a 0.36 g/t Au sample at 82.1 m (0.9 m sample length) and a 0.13 g/t Au sample at 139.5 m (1.5 m sample length).

7.6 Conclusions

The results of this drill program suggests that the Watershed West area does not contain an abundance of anomalous gold mineralization, nor are the anomalous results continuous or traceable. Hole CD17-14 returned the most samples with anomalous (≥ 1 g/t Au) in this drill program. This hole is located in the most southeastern part of drill program and the Watershed West area. The spikey anomalous gold results from this hole are consistent with previous exploration in the area (e.g., the nearby Hopkins Zone), where a number of grab samples and historic trenches are known to have returned anomalous gold mineralization.

8.0 STATEMENT OF COSTS

The total value of work done on the Watershed West property is summarized in Table 5. Daily rates, start and end dates and total days worked by IAMGOLD employees are provided in Appendix A and D. Invoices are presented in Appendix G. A more specific breakdown of the costs by claim cell, patent and lease numbers and type of work is provided in Appendix H.

Table 5: Summary of expenditures

| Cost Category | Date | Invoice No. | Payee | Description | Amount | Attributable Amount |
|------------------------------------------|-----------|-------------|------------------------|-----------------------------------------------------|---------------------|---------------------|
| Geological mapping | 2017-2018 | | Laura Katz | Geologist mapping (26 days, \$400/day) | \$ 10,400.00 | \$ 8,000.00 |
| | 2017-2018 | | Nathan McCullough | Junior Geologist mapping (32 days, \$400/day) | \$ 12,800.00 | \$ 6,400.00 |
| | 2017 | | Joycelyn Smith | Junior Geologist mapping (7 days, \$400/day) | \$ 2,800.00 | \$ 1,400.00 |
| | 2017 | | Erik Bobechko | Junior Geologist mapping (9 days, \$400/day) | \$ 3,600.00 | \$ 1,800.00 |
| | 2017 | | Matt Trenkler | Junior Geologist mapping (3 days, \$400/day) | \$ 1,200.00 | \$ 600.00 |
| | 2017 | | Percy Clark | Junior Geologist mapping (1 day, \$400/day) | \$ 400.00 | \$ 200.00 |
| | 2017 | | Andrew Shea | Junior Geologist mapping (1 day, \$400/day) | \$ 400.00 | \$ 200.00 |
| | 2017-2018 | | Adam Waram | Junior Geologist mapping (8 days, \$400/day) | \$ 3,200.00 | \$ 1,600.00 |
| | 2018 | | Jacob Pinter | Junior Geologist mapping (27 days, \$400/day) | \$ 10,800.00 | \$ 8,000.00 |
| | 2018 | | Shane O'Neill | Geotechnician mapping assistant (4 days, \$400/day) | \$ 1,200.00 | \$ 600.00 |
| | 2018 | | Brian Tomczuk | Geologist mapping (1 day, \$400/day) | \$ 400.00 | \$ 400.00 |
| Subtotal | | | | | \$ 47,200.00 | \$ 29,200.00 |
| Drill core logging, cutting and sampling | 2017-2018 | | Milauni Desai | Junior Geologist logging (52 days, \$400/day) | \$ 20,800.00 | \$ 10,400.00 |
| | 2017 | | Riadh Zellagui | Geologist drill core logging (29 days, \$400/day) | \$ 11,600.00 | \$ 5,800.00 |
| | 2017-2018 | | IAMGOLD Geotechnicians | Geotechnicians RQD core (38 days, \$300/day) | \$ 11,400.00 | \$ 5,700.00 |
| | 2018 | | IAMGOLD Geotechnicians | Geotechnicians cutting core (38 days, \$300/day) | \$ 11,400.00 | \$ 5,700.00 |
| | 2018 | | IAMGOLD Geotechnicians | Geotechnicians sampling core (36 days, \$300/day) | \$ 10,800.00 | \$ 5,400.00 |
| Subtotal | | | | | \$ 66,000.00 | \$ 33,000.00 |
| Assays | 12-Sep-17 | A17-08555 | Actlabs | Mapping samples | \$ 2,060.56 | \$ 1,030.28 |
| | 24-Nov-17 | A17-09219 | Actlabs | Mapping samples | \$ 1,576.92 | \$ 788.46 |
| | 24-Oct-17 | A17-09902 | Actlabs | Mapping samples | \$ 539.01 | \$ 269.51 |
| | 29-Sep-17 | A17-10176 | Actlabs | Mapping samples | \$ 111.87 | \$ 55.94 |
| | 23-Jul-18 | 18B358704 | Agat | Mapping samples | \$ 788.18 | \$ 788.18 |
| | 21-Sep-18 | A18-11350 | Actlabs | Mapping samples | \$ 372.62 | \$ 372.62 |
| | 25-Sep-18 | A18-12170 | Actlabs | Mapping samples | \$ 433.07 | \$ 433.07 |
| | 01-Feb-18 | A18-00373 | Actlabs | Drill core samples | \$ 3,758.38 | \$ 1,879.19 |
| | 05-Feb-18 | A18-00585 | Actlabs | Drill core samples | \$ 8,706.65 | \$ 4,353.33 |
| | 02-Feb-18 | A18-00680 | Actlabs | Drill core samples | \$ 3,800.19 | \$ 1,900.10 |
| | 23-Feb-18 | A18-00680r | Actlabs | Drill core samples | \$ 236.17 | \$ 118.09 |
| | 28-Feb-18 | A18-01344 | Actlabs | Drill core samples | \$ 2,629.51 | \$ 1,314.76 |
| | 28-Feb-18 | A18-01345 | Actlabs | Drill core samples | \$ 2,693.92 | \$ 1,346.96 |
| | 05-Mar-18 | A18-01349 | Actlabs | Drill core samples | \$ 3,782.11 | \$ 1,891.06 |
| | 23-Feb-18 | A18-01461 | Actlabs | Drill core samples | \$ 3,567.41 | \$ 1,783.71 |
| | 23-Feb-18 | A18-01462 | Actlabs | Drill core samples | \$ 3,739.17 | \$ 1,869.59 |
| | 26-Feb-18 | A18-01469 | Actlabs | Drill core samples | \$ 3,966.30 | \$ 1,983.15 |
| | 26-Mar-18 | A18-02149v2 | Actlabs | Drill core samples | \$ 5,182.18 | \$ 2,591.09 |
| | 19-Apr-18 | A18-03167 | Actlabs | Drill core samples | \$ 3,674.76 | \$ 1,837.38 |
| | 04-May-18 | A18-03361 | Actlabs | Drill core samples | \$ 3,886.07 | \$ 1,943.04 |

Table 5 continued: Summary of expenditures

| Cost Category | Date | Invoice No. | Payee | Description | Amount | Attributable Amount | |
|----------------------------|-----------|-------------|------------------------|----------------------------------------------------------|-----------------|----------------------|----------------------|
| Assays | 30-Apr-18 | A18-03364 | Actlabs | Drill core samples | \$ 4,100.77 | \$ 2,050.39 | |
| | 11-May-18 | A18-03364r | Actlabs | Drill core samples | \$ 107.35 | \$ 53.68 | |
| | 04-May-18 | A18-03660 | Actlabs | Drill core samples | \$ 5,248.29 | \$ 2,624.15 | |
| | 16-May-18 | A18-04760 | Actlabs | Drill core samples | \$ 3,499.61 | \$ 1,749.81 | |
| | 10-May-18 | A18-04779 | Actlabs | Drill core samples | \$ 5,173.14 | \$ 2,586.57 | |
| | 24-May-18 | A18-05017 | Actlabs | Drill core samples | \$ 5,352.81 | \$ 2,676.41 | |
| | 20-Jun-18 | A18-05017r | Actlabs | Drill core samples | \$ 332.79 | \$ 166.40 | |
| | 24-May-18 | A18-05024 | Actlabs | Drill core samples | \$ 5,160.71 | \$ 2,580.36 | |
| | | | | | Subtotal | \$ 84,480.52 | \$ 43,037.20 |
| Report writing | | | Laura Katz | Geologist report writing | \$ 2,000.00 | \$ 2,000.00 | |
| | | | | | Subtotal | \$ 2,000.00 | \$ 2,000.00 |
| Drilling costs | 31-Oct-17 | 5518-12 | Norex Drilling Limited | Diamond drilling | \$ 99,856.44 | \$ 49,928.22 | |
| | 15-Nov-17 | 5542-12 | Norex Drilling Limited | Diamond drilling | \$ 89,390.47 | \$ 44,695.24 | |
| | 30-Nov-17 | 5580-12 | Norex Drilling Limited | Diamond drilling | \$ 96,010.74 | \$ 48,005.37 | |
| | 15-Dec-17 | 5596-12 | Norex Drilling Limited | Diamond drilling | \$ 80,566.42 | \$ 40,283.21 | |
| | 31-Dec-17 | 5631-12 | Norex Drilling Limited | Diamond drilling | \$ 36,315.94 | \$ 18,157.97 | |
| | 27-Nov-17 | 845 | L. Labelle Surveys | Drill collar survey charge | \$ 2,531.20 | \$ 1,265.60 | |
| | | | | | Subtotal | \$ 404,671.21 | \$ 202,335.61 |
| Transportation costs - gas | 2017 | | | Truck costs - gas for geological mapping (\$50/day) | \$ 1,300.00 | \$ 650.00 | |
| | 2018 | | | Truck costs - gas for geological mapping (\$50/day) | \$ 1,600.00 | \$ 1,150.00 | |
| | 2017-2018 | | | Truck costs - gas for Diamond drilling (\$50/day) | \$ 150.00 | \$ 75.00 | |
| | | | | | Subtotal | \$ 3,050.00 | \$ 1,875.00 |
| Lodging and food costs | 2017-2018 | | lamgold | lamgold camp lodging & food (\$135/person/day; mapping) | \$ 16,065.00 | \$ 9,922.50 | |
| | 2017-2018 | | lamgold | lamgold camp lodging & food (\$135/person/day; drilling) | \$ 16,065.00 | \$ 8,032.50 | |
| | | | | | Subtotal | \$ 32,130.00 | \$ 17,955.00 |
| | | | | | Total | \$ 639,532 | \$ 329,403 |

9.0 CONCLUSIONS

The following conclusions are based on 2017-2018 work presented in this report. Surface mapping and sampling identified anomalous gold mineralization in areas of the property, particularly the historical Hopkins Zone. Surface mapping also indicates that the volcanic rocks in the area are not typically gold-bearing and overall appear to lack sulphide-bearing veins. The diamond drilling program in the Watershed West area is consistent with the surface mapping results and suggests that the area does not contain consistent or traceable anomalous gold. The drill hole with the most anomalous gold results occurs in the southeastern part of the Watershed West area, proximal to the Hopkins Zone. The surface mapping and diamond drilling program was successful in demonstrating an overall lack of gold mineralization in an area where infrastructure was being proposed for the Côté Gold deposit.

10.0 RECOMMENDATIONS

Based on the results, future work is recommended in the Hopkins Zone area. Further delineation of the Hopkins Zone trend is recommended due to the return of several anomalous gold results from a historic trench and the numerous anomalous gold results from a nearby drill hole (CD17-14). Future work suggested for the area includes infill mapping and stripping along strike of known gold-bearing veins.

STATEMENT OF QUALIFICATIONS

I, Laura Katz, do hereby certify that:

- 1) I have been a Geologist at IAMGOLD since June 2016.
- 2) I graduated with an Honours B.Sc. Earth Sciences from Carleton University in 2011. I completed a Ph.D. in Mineral Deposits and Precambrian Geology at Laurentian University in 2016.
- 3) I am a practising member in good standing with the Professional Geoscientists Ontario (Member Number 2823). I am also a member of the Society of Economic Geologists and the Prospectors and Developers Association of Canada.
- 4) I have been an employee with IAMGOLD Corporation since June 2nd 2016.
- 5) The report is true and accurate to the best of my knowledge. The report includes information that was gathered from various sources, such as assessment files, publications and contractor-provided information.
- 6) I am responsible for executing the 2017-2018 surface exploration program. I am also responsible for the writing of the 2017-2018 surface exploration and diamond drill program in the Watershed West.
- 7) I have no personal interest in the property covered by this report.



Laura Katz, Ph.D., P.Geo.

Geologist

July 21, 2020

STATEMENT OF QUALIFICATIONS

I, Bradley McKinley, P.Geo., a professional geologist with a business address of Unit 10 – 2140 Regent Street, Sudbury, ON., certify that:

- 1) I have been a Registered Member of the Professional Geoscientists Ontario since 2009 (Registration # 1734).
- 2) I graduated with a B.Sc. from the University of Waterloo (Honours Geology) in Earth Sciences in 2003.
- 3) I graduated with a M.Sc. from the University of British Columbia (Economic Geology) in 2006.
- 4) I have been practicing in my profession as a geologist since 2004.
- 5) I have been an employee of IAMGOLD Corporation since February 21st, 2017.
- 6) The information presented in this document is true and accurate to the best of my knowledge. This information was gathered from such various sources as assessment files, publications, in-house work and contractor-provided reports.
- 7) I planned and oversaw the diamond drill program covered in this report.
- 8) I have no personal interest in the property covered by this report.

Dated in Sudbury, Ontario, this 6th day of July 2020.

Respectfully Submitted,



Brad McKinley, M.Sc., P.Geo.

Senior Geologist

July 21, 2020

REFERENCES

Gemmell, T.P., and MacDonald, P.J., 2017, Precambrian geology of the Yeo and Chester townships area, Chester intrusive complex, southern Abitibi greenstone belt: Ontario Geological Survey, Preliminary Map P.3817, scale 1:20 000.

Heather, K.B., and Shore, G.T., 1999, Geology, Swayze greenstone belt, Ontario: Geological Survey of Canada, Open File 3384a, sheet 2, scale 1:50 000.

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van Breemen, O., Heather, K.B., and Ayer, J.A., 2006, U-Pb geochronology of the Neoarchean Swayze sector of the southern Abitibi greenstone belt: Geological Survey of Canada, Current Research 2006-F1, p. 1-32.

Appendix A

Daily Geological Mapping Log and Daily Rates

Table A1: Geological mapping daily log

| Date | Personnel | Daily Log |
|-------------|-------------------------------------------------|-----------------------------------------------------------------------------------|
| 23-Jul-17 | Laura Katz and Nathan McCullough | Mapping historic trenches along the northwest shoreline of Clam Lake |
| 24-Jul-17 | Laura Katz and Nathan McCullough | Mapping historic trenches along the northwest shoreline of Clam Lake |
| 26-Jul-17 | Laura Katz and Adam Waram | Mapping historic trenches along the northwest shoreline of Clam Lake |
| 07-Aug-17 | Laura Katz and Nathan McCullough | Mapping in the northern Watershed West area along a trail |
| 08-Aug-17 | Laura Katz and Nathan McCullough | Mapping in the northern Watershed West area along a trail |
| | Joycelyn Smith and Erik Bobechko | Mapping in the central Watershed area along a trail |
| 09-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the southeast shoreline of Moore Lake |
| | Joycelyn Smith and Erik Bobechko | Mapping in the central Watershed area along a trail |
| 10-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the eastern shoreline of Moore Lake |
| 12-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the eastern shoreline of Moore Lake |
| | Joycelyn Smith and Erik Bobechko | Mapping in the southcentral Watershed area along a trail |
| 13-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the northeastern shoreline of Moore Lake |
| 14-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the northern shoreline of Moore Lake |
| 15-Aug-17 | Nathan McCullough and Matt Trenkler | Mapping along the western shoreline of Moore Lake |
| 16-Aug-17 | Nathan McCullough and Matt Trenkler | Mapping along the western shoreline of Moore Lake |
| 17-Aug-17 | Laura Katz and Nathan McCullough | Mapping in the northern part of the Watershed area along the Chester Logging Road |
| 18-Aug-17 | Laura Katz and Nathan McCullough | Mapping along the northwestern shoreline of Clam Lake |
| 21-Aug-17 | Nathan McCullough and Percy Clark | Mapping in the eastern Watershed area and west of Clam Lake |
| 22-Aug-17 | Nathan McCullough and Matt Trenkler | Mapping west of Clam Lake and east of the Chester Logging Road |
| 23-Aug-17 | Nathan McCullough, Erik Bobechko and Adam Waram | Mapping in the southcentral Watershed area along a trail |
| 24-Aug-17 | Nathan McCullough, Erik Bobechko and Adam Waram | Mapping in the southcentral Watershed area along a trail |

Table A1 continued: Geological mapping daily log

| Date | Personnel | Daily Log |
|-------------|-----------------------------------------------|------------------------------------------------------------------------------------------------|
| 28-Aug-17 | Joycelyn Smith, Erik Bobechko and Andrew Shea | Mapping along the Hopkins Zone in the southeastern part and central part of the Watershed area |
| 30-Aug-17 | Joycelyn Smith and Erik Bobechko | Mapping in the southeastern part of the Watershed area and west of the Chester Logging Road |
| 31-Aug-17 | Joycelyn Smith and Erik Bobechko | Mapping in the central Watershed area along a trail |
| 01-Sep-17 | Joycelyn Smith and Erik Bobechko | Mapping in the central Watershed area along a trail |
| 14-Sep-17 | Nathan McCullough and Adam Waram | Mapping in the central Watershed area |
| 05-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the Watershed area |
| 06-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the Watershed area |
| 07-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the central Watershed area |
| 08-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the Watershed area |
| 09-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the Watershed area |
| 10-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the eastern Watershed area |
| 11-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the Watershed area |
| 12-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the central Watershed area along a trail |
| 13-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the southern Watershed area along a trail |
| | Adam Waram and Shane O'Neill | Mapping in the northwestern Watershed area along a trail |
| 14-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the western Watershed area along a trail |
| 15-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the central Watershed area along a trail |
| | Adam Waram and Shane O'Neill | Mapping in the northwestern Watershed area along a trail |
| 16-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the eastern Watershed area along a trail |
| | Adam Waram and Shane O'Neill | Mapping in the northern Watershed area along a trail |
| 17-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the northerneastern Watershed area along a trail |
| | Adam Waram and Shane O'Neill | Mapping in the northern Watershed area along a trail |

Table A1 continued: Geological mapping daily log

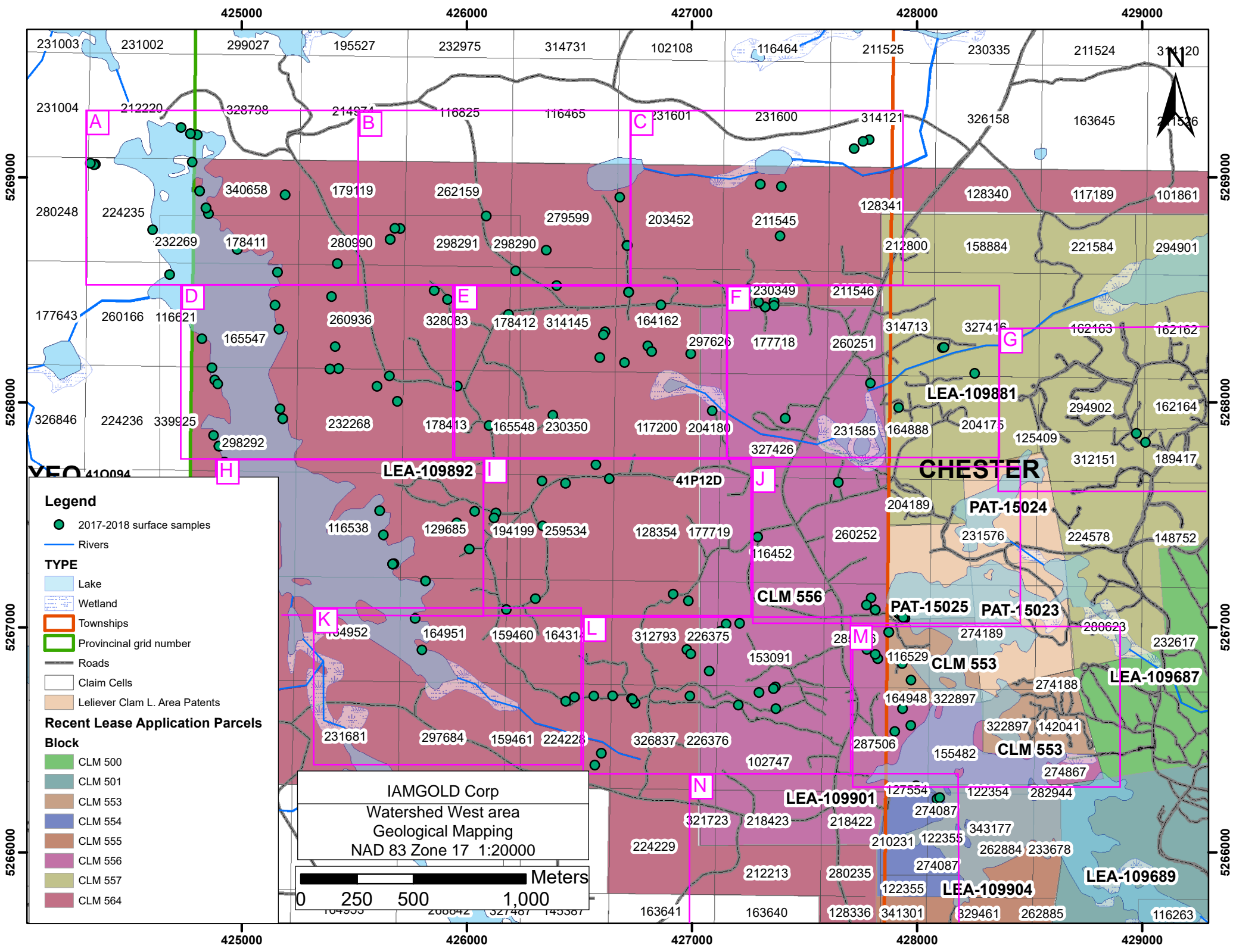
| Date | Personnel | Daily Log |
|-------------|------------------------------------|----------------------------------------------------------|
| 18-Jun-18 | Nathan McCullough and Jacob Pinter | Mapping in the northeastern Watershed area along a trail |
| 10-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area along a trail |
| 11-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area along a trail |
| 12-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 13-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 14-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 15-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area along a trail |
| 20-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northerneastern Watershed area |
| 21-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 22-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 23-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northernwestern Watershed area |
| 24-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the western Watershed area |
| 25-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the northern Watershed area |
| 26-Aug-18 | Laura Katz and Jacob Pinter | Mapping in the western Watershed area |
| 27-Aug-18 | Laura Katz and Brian Tomczuk | Mapping in the northeastern Watershed area |

Table A2: Geological Mapping Daily Rates and Log

| Personnel | Title | Daily Rate | Start Date | End Date | No. of Days Total |
|-------------------|--------------------------|-------------------|-------------------|-----------------|--------------------------|
| 2017 | | | | | |
| Laura Katz | Geologist | \$400.00 | 23-Jul-17 | 18-Aug-17 | 12 |
| Nathan McCullough | Junior Geologist, G.I.T. | \$400.00 | 23-Jul-17 | 14-Sep-17 | 18 |
| Joycelyn Smith | Junior Geologist, G.I.T. | \$400.00 | 08-Aug-17 | 01-Sep-17 | 7 |
| Erik Bobechko | Junior Geologist, G.I.T. | \$400.00 | 08-Aug-17 | 01-Sep-17 | 9 |
| Matt Trenkler | Junior Geologist, G.I.T. | \$400.00 | 15-Aug-17 | 16-Aug-17 | 3 |
| Percy Clark | Junior Geologist, G.I.T. | \$400.00 | 21-Aug-17 | 21-Aug-17 | 1 |
| Andrew Shea | Junior Geologist, G.I.T. | \$400.00 | 28-Aug-17 | 28-Aug-17 | 1 |
| Adam Waram | Junior Geologist, G.I.T. | \$400.00 | 26-Jul-17 | 14-Sep-17 | 4 |
| 2018 | | | | | |
| Laura Katz | Geologist | \$400.00 | 10-Aug-18 | 27-Aug-18 | 14 |
| Nathan McCullough | Junior Geologist, G.I.T. | \$400.00 | 05-Jun-18 | 18-Jun-18 | 14 |
| Jacob Pinter | Junior Geologist, G.I.T. | \$400.00 | 05-Jun-18 | 26-Aug-18 | 27 |
| Adam Waram | Junior Geologist, G.I.T. | \$400.00 | 13-Jun-18 | 17-Jun-18 | 4 |
| Shane O'Neill | Geotechnician | \$300.00 | 13-Jun-18 | 17-Jun-18 | 4 |
| Brian Tomczuk | Geologist | \$400.00 | 27-Aug-18 | 27-Aug-18 | 1 |

Appendix B

Plan Maps of Geological Mapping Samples



A

424400

424600

424800

425000

425200

425400



5269200

231004

212220

328798

214974

5269200

5269000

451568
59 75
83 84
451567
69

451565 &
451566

80
451564 76
4080
451562 52
78 86
451563 62
451561 72

79
60
58

451559

88

5269000

5268800

280248

410094

224235

451558

89

87

70 76

84

179119

82

78

83

5268800

Legend

- 2017-2018 surface samples
- ┆ Contacts
- ┆ Foliation
- ┆ Vein Measurements
- ▭ Provincial grid number

Rock_Type

- Diabase
- Felsic volcanic
- Intermediate volcanic
- Mafic volcanic
- Roads-Trails
- Lakes
- Recent Lease Application Parcels

IAMGOLD Corp
Watershed West area
Geological Mapping
YeoTownship
NAD 83 Zone 17 1:500

Meters
0 25 50 100

451569 85
84

451571 90

451570

232269

87

116621
451573

340658

454556 0

451555 64
82

451554

178411

75

451553 70
77
79

165547

LEA-109892

283711

283713

41P12D

0

179119

280990

81

86

260936

82

89

81

70

90

5268600

424400

424600

424800

425000

425200

425400

B

425600

425800

426000

426200

426400

426600

Legend

- 2017-2018 surface samples
- ┆ Contacts
- ┆ Foliation
- ┆ Vein Measurements

Rock_Type

- Diabase
- Felsic volcanic
- Intermediate volcanic
- Mafic volcanic
- Tonalite

— Roads-Trails

■ Lakes

□ Claim Cells

Recent Lease Application Parcels

■



231601

5269200

5269200

5269000

5269000

5268800

5268800

5268600

5268600

116825

116465

262159

75

89

88

68

84

80

60

283677

82

279599

203452

LEA-109892

75

63

283721

74

70

283720

86

69

280990

283719

283718

298291

72

88

88

298290

78

82

80

85

283676

83

283707

283706

260936

89

75

328083

283678

178412 314145

75

82

IAMGOLD Corp
 Watershed West area
 Yeo Township
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500

0 50 100 200 Meters

425600

425800

426000

426200

426400

426600

C

426800 427000 427200 427400 427600 427800

5269200

5269200

Legend

- 2017-2018 surface samples
- ↔ Foliation
- ⊥ Vein Measurements

Rock_Type

- Conglomerate
- Felsic volcanic
- Intermediate volcanic
- Mafic volcanic

Townships

Roads-Trails

Wetland

Lakes

Rivers

Claim Cells

Recent Lease Application Parcels



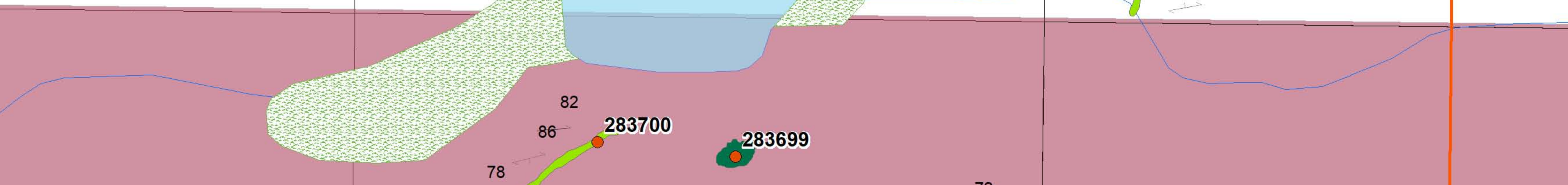
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231600

314121

283695 283694

283697



5269000

5269000

283700

283699

YEO

CHESTER

203452

211545
LEA-109892

128341

5268800

5268800

283698

212800
LEA-109881

IAMGOLD Corp
Watershed West area
Geological Mapping
41P12D NAD 83 Zone 17 1:1500



5268600

5268600

164162

211546

314713

426800 427000 427200 427400 427600 427800

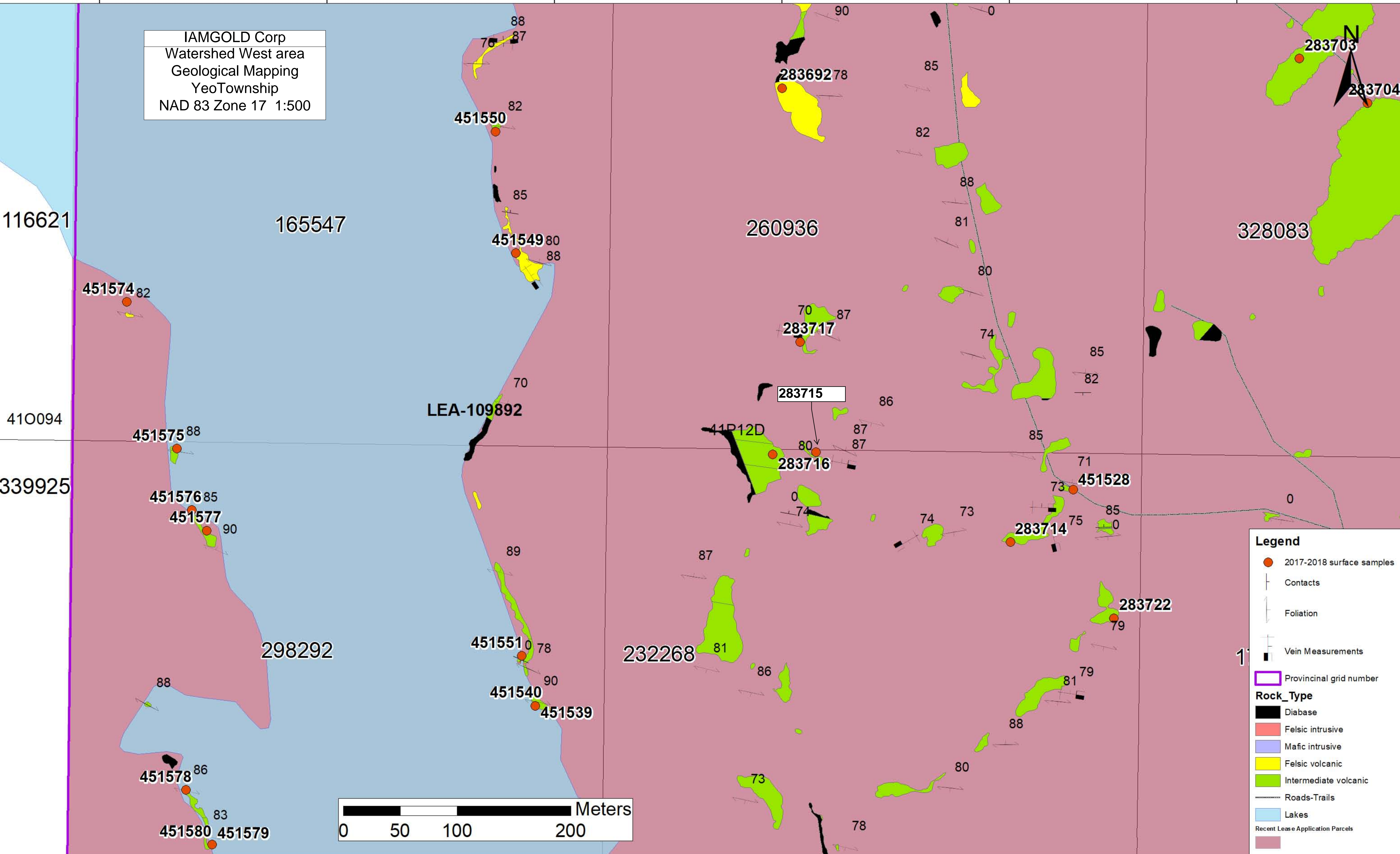
D

424800 425000 425200 425400 425600 425800

IAMGOLD Corp
Watershed West area
Geological Mapping
YeoTownship
NAD 83 Zone 17 1:500

5268400
5268200
5268000
5267800

5268400
5268200
5268000
5267800



Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Vein Measurements
- Provincial grid number

Rock_Type

- Diabase
- Felsic intrusive
- Mafic intrusive
- Felsic volcanic
- Intermediate volcanic
- Roads-Trails
- Lakes
- Recent Lease Application Parcels



116621 165547 260936 328083

410094 451574 82 451550 82 88 78 87 88 85 82 85 88 81 80 82 85 80 85 82 85 86 87 87 85 71 73 451528 85 75 85 0

339925 451575 88 LEA-109892 283715 41P12D 80 87 87 74 73 74 73 283716 283714 75 85 0

526800 298292 451576 85 451577 90 89 87 81 86 86 87 81 79 283722 79 81 79 88 81 79

526780 451578 86 451551 78 451540 90 451539 88 80 88 80 78 80 78 78 78

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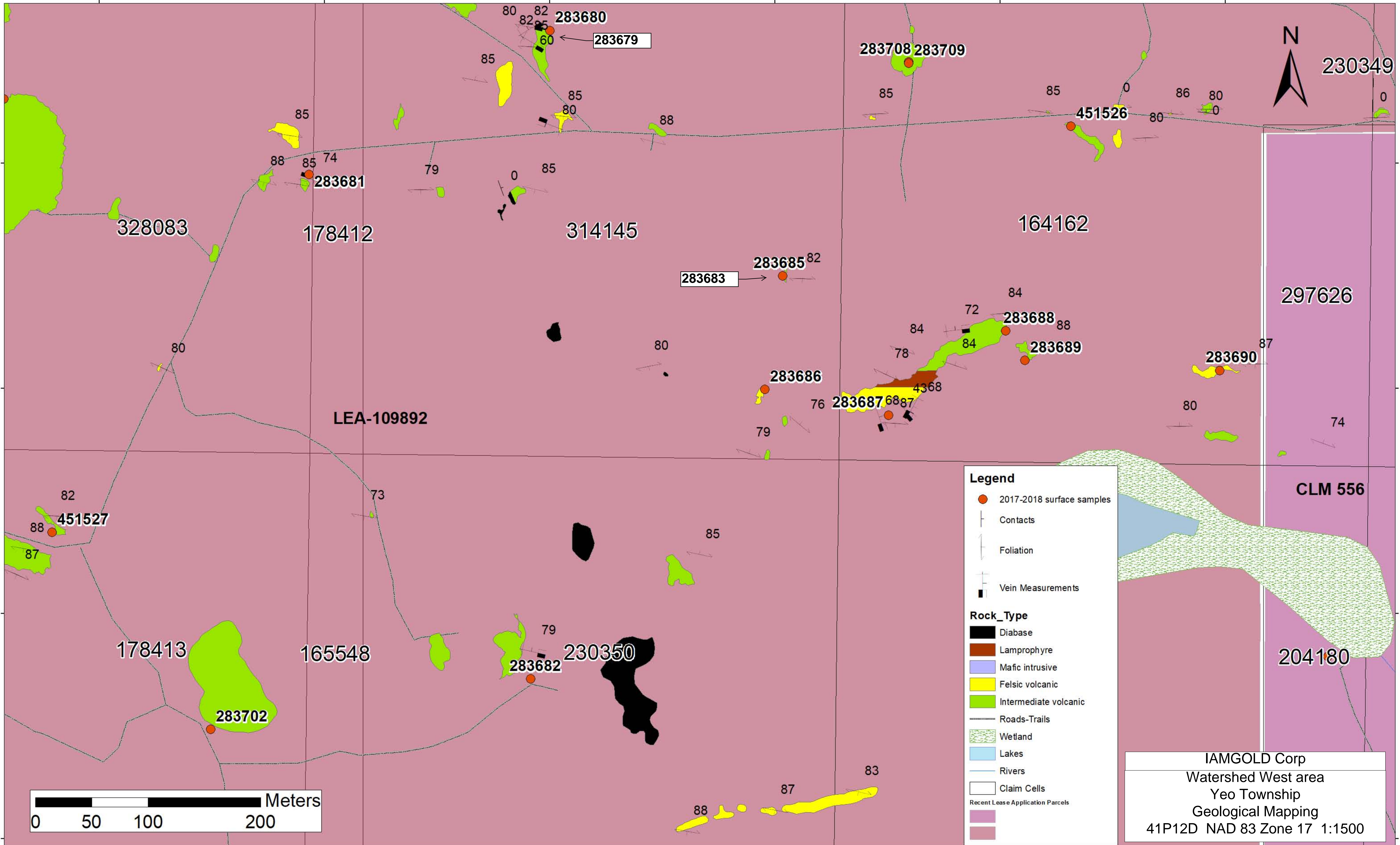
5267800

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Legend

- 2017-2018 surface samples
- ┆ Contacts
- ┆ Foliation
- ┆ Vein Measurements

Rock_Type

- Diabase
- Lamprophyre
- Mafic intrusive
- Felsic volcanic
- Intermediate volcanic

Roads-Trails

Wetland

Lakes

Rivers

Claim Cells

Recent Lease Application Parcels

IAMGOLD Corp
 Watershed West area
 Yeo Township
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500

328083

178412

314145

164162

297626

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CLM 556

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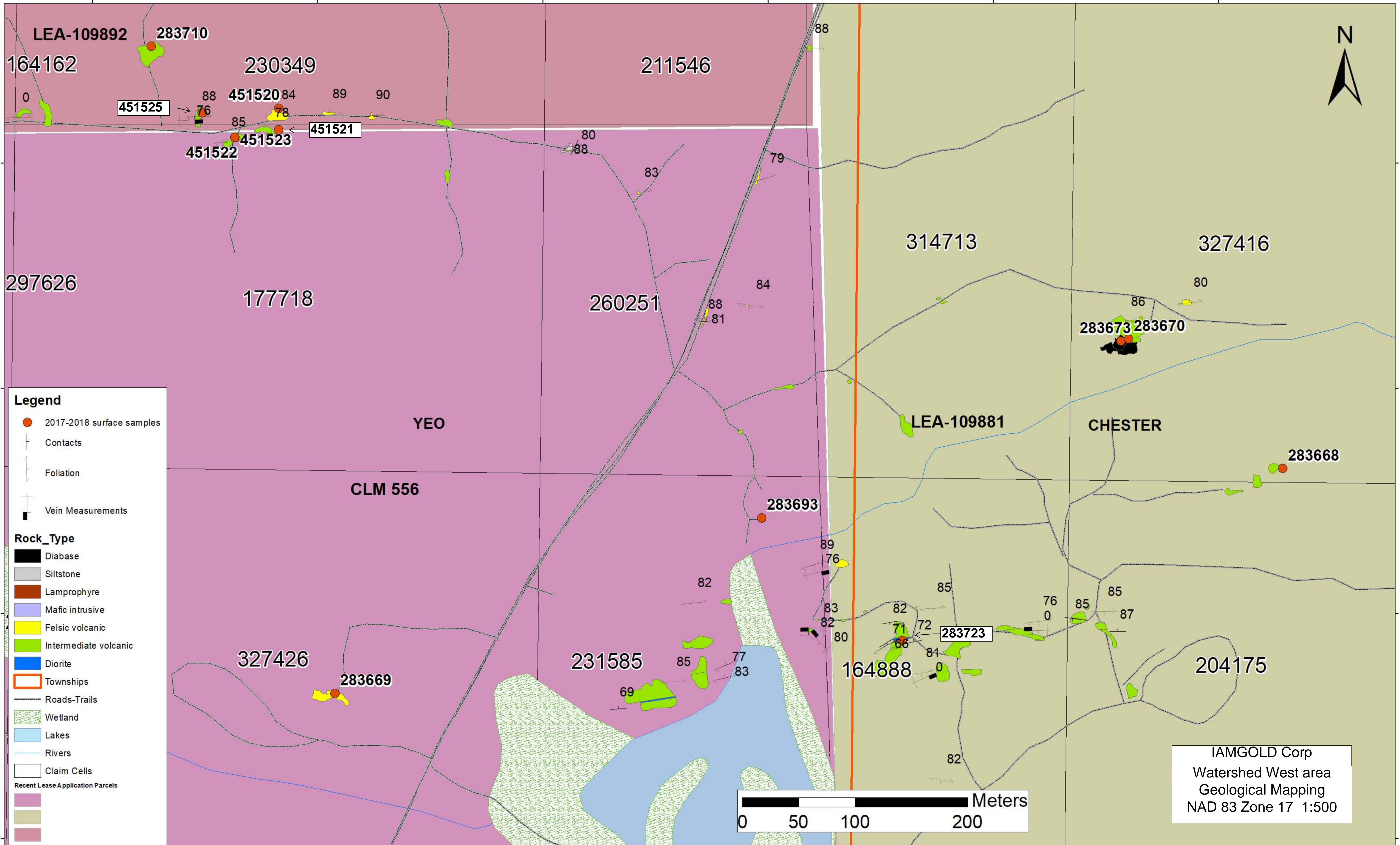
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Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Vein Measurements

Rock_Type

- Diabase
- Siltstone
- Lamprophyre
- Mafic intrusive
- Felsic volcanic
- Intermediate volcanic
- Diorite

— Townships

— Roads-Trails

■ Wetland

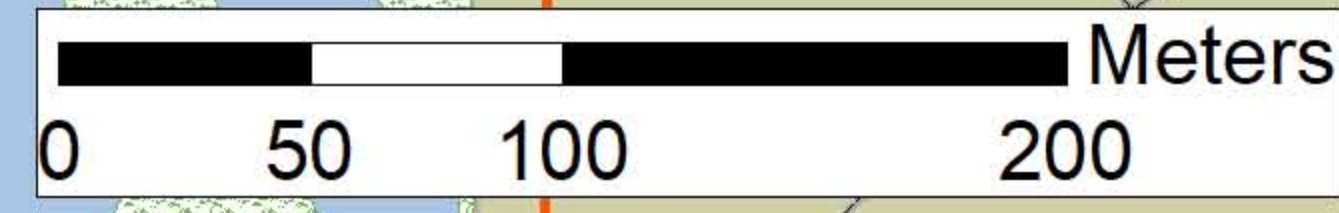
■ Lakes

— Rivers

□ Claim Cells

Recent Lease Application Parcels

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IAMGOLD Corp
 Watershed West area
 Geological Mapping
 NAD 83 Zone 17 1:500

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LEA-109881

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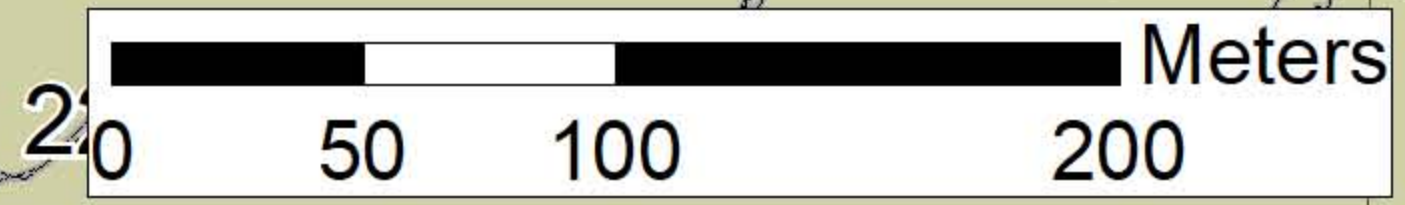
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IAMGOLD Corp
Watershed West area
Chester Township
Geological Mapping
41P12D NAD 83 Zone 17 1:1500

Legend

- 2017-2018 surface samples
- Rock_Type**
- Tonalite
- Quartz diorite
- Roads-Trails
- Lakes
- Rivers
- Claim Cells
- Leliever Clam L. Area Patents
- Recent Lease Application Parcels

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IAMGOLD Corp
 Watershed West area
 Geological Mapping
 Yeo Township
 41P12D NAD 83 Zone 17 1:1500



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159459

LEA-109892

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72

89

84

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451618

0

5267400

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Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Fracture Measurements
- Vein Measurements

Rock_Type

- Diabase
- Mafic intrusive
- Quartz feldspar porphyry
- Felsic volcanic
- Intermediate volcanic
- Tonalite
- Diorite

— Roads-Trails

— Lakes

— Rivers

Recent Lease Application Parcels

178309

85

0

70

164952

451582

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60

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90

451535

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55

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19

451532

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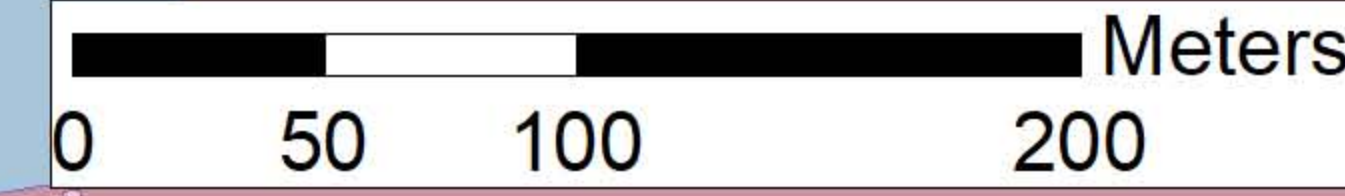
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451615

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194199

259534

128354

177719

CLM 556

116452

5267400

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Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Fracture Measurements
- Vein Measurements

Rock_Type

- Diabase
- Mafic dike
- Lamprophyre
- Felsic volcanic
- Intermediate volcanic
- Tonalite breccia
- Tonalite
- Quartz diorite
- Diorite

— Roads-Trails

□ Claim Cells

Recent Lease Application Parcels

IAMGOLD Corp
 Watershed West area
 Yeo Township
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500



5267200

5267200

164951

159460

164314

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451602

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5267200



327426

231585

164888

204175

283671

LEA-109881

204189

PAT-15024

116452

260252

231576

283656

CLM 556

YEO

CHESTER

PAT-15025

IAMGOLD Corp
Watershed West area
Geological Mapping
41P12D NAD 83 Zone 17 1:1500

Legend

- 2017-2018 surface samples
- ┆ Contacts
- ┆ Foliation
- ┆ Fracture Measurements
- ┆ Vein Measurements

Rock_Type

- Lamprophyre
- Tonalite
- Quartz diorite
- Diorite
- Townships
- Roads-Trails
- Wetland
- Lakes
- Rivers
- Claim Cells
- Liever Clam L. Area Patents
- Recent Lease Application Parcels



427400 427600 427800 428000 428200 428400

451518, 451519

451505, 451506

451507, 451508

451511, 451513 & 451514

451510

451515, 451516 & 451517

451586

451587

451585

451583

285676

8382

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6072

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CLM 553

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Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Fracture Measurements
- Vein Measurements

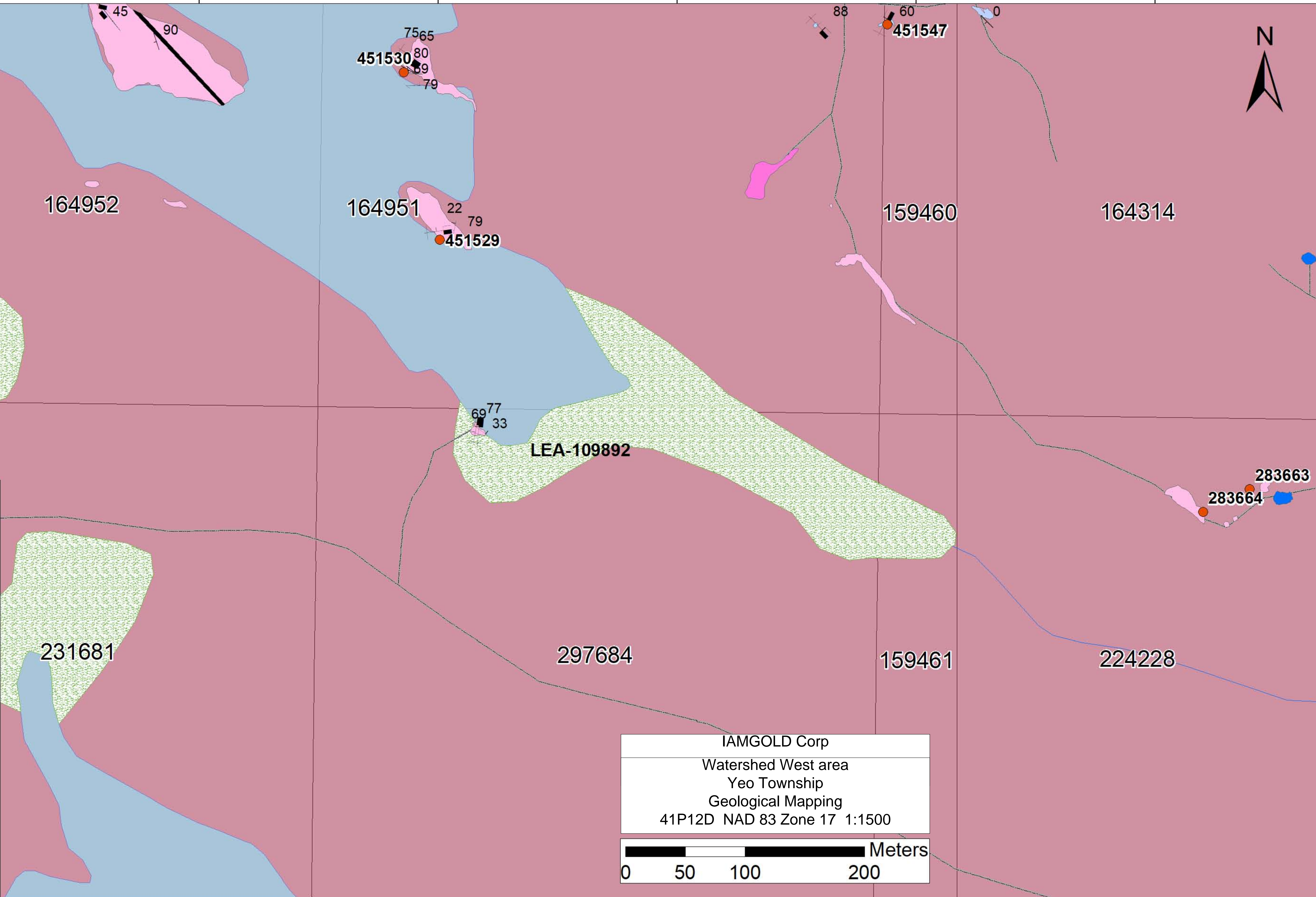
Rock_Type

- Diabase
- Lamprophyre
- Tonalite breccia
- Tonalite
- Quartz diorite
- Diorite

- Wetland
- Lakes
- Rivers

Recent Lease Application Parcels

- Recent Lease Application Parcels



IAMGOLD Corp
 Watershed West area
 Yeo Township
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500

Meters

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CLM 556

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LEA-109892

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283659

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283657

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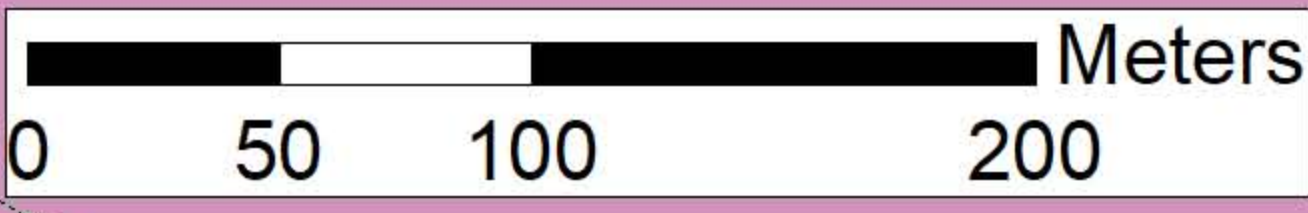
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IAMGOLD Corp
 Watershed West area
 Yeo Township
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500



Legend

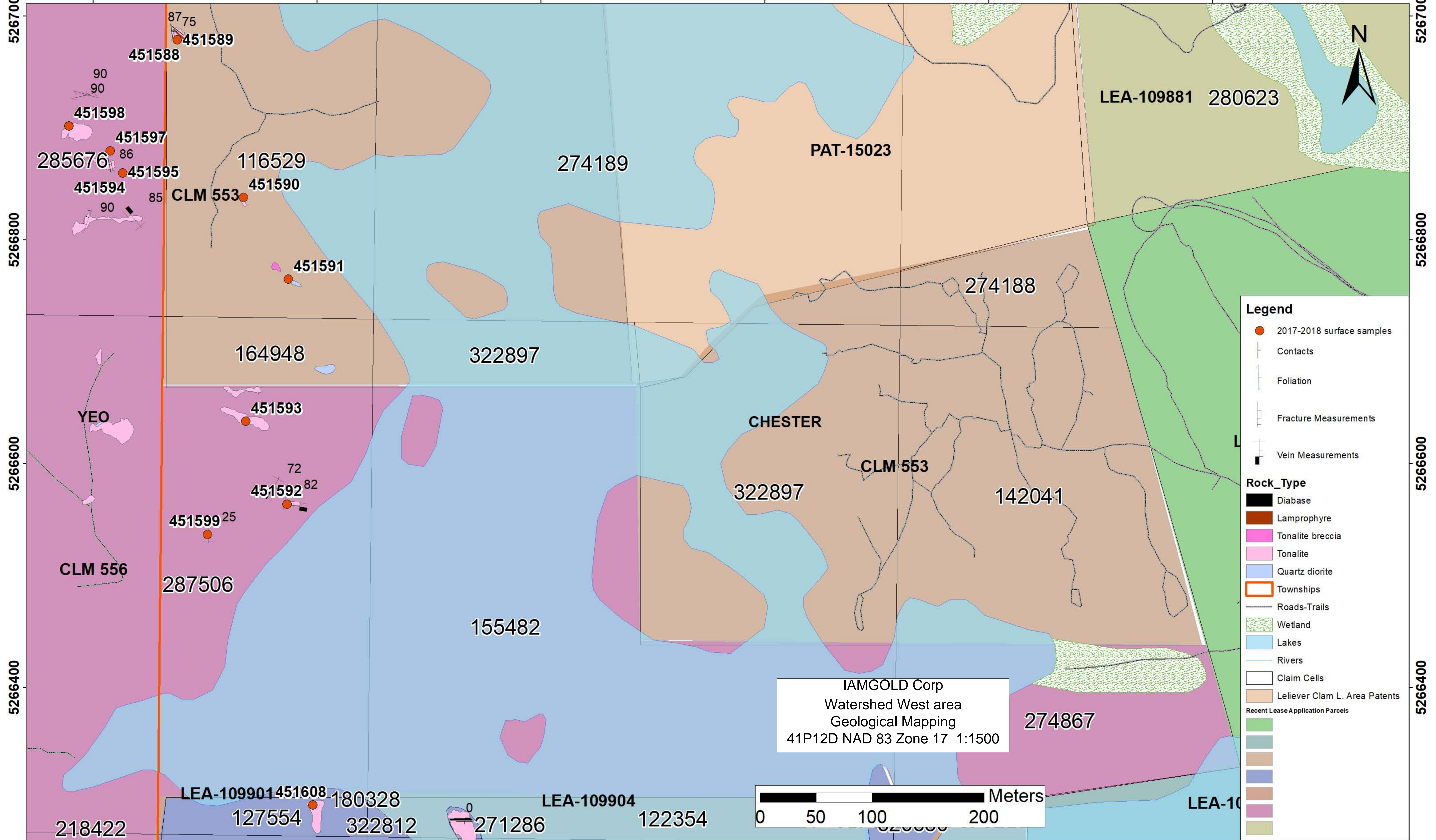
- 2017-2018 surface samples
- Contacts
- Foliation
- Fracture Measurements
- Vein Measurements

Rock_Type

- Lamprophyre
- Quartz feldspar porphyry
- Feldspar porphyry
- Tonalite
- Quartz diorite
- Diorite
- Roads-Trails
- Rivers
- Claim Cells
- Recent Lease Application Parcels

M

427800 428000 428200 428400 428600 428800



Legend

- 2017-2018 surface samples
- Contacts
- Foliation
- Fracture Measurements
- Vein Measurements

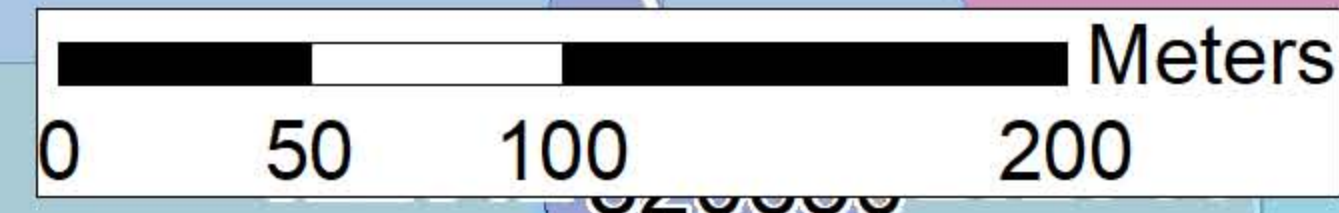
Rock_Type

- Diabase
- Lamprophyre
- Tonalite breccia
- Tonalite
- Quartz diorite
- Townships
- Roads-Trails
- Wetland
- Lakes
- Rivers
- Claim Cells
- Leliever Clam L. Area Patents

Recent Lease Application Parcels

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IAMGOLD Corp
 Watershed West area
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500



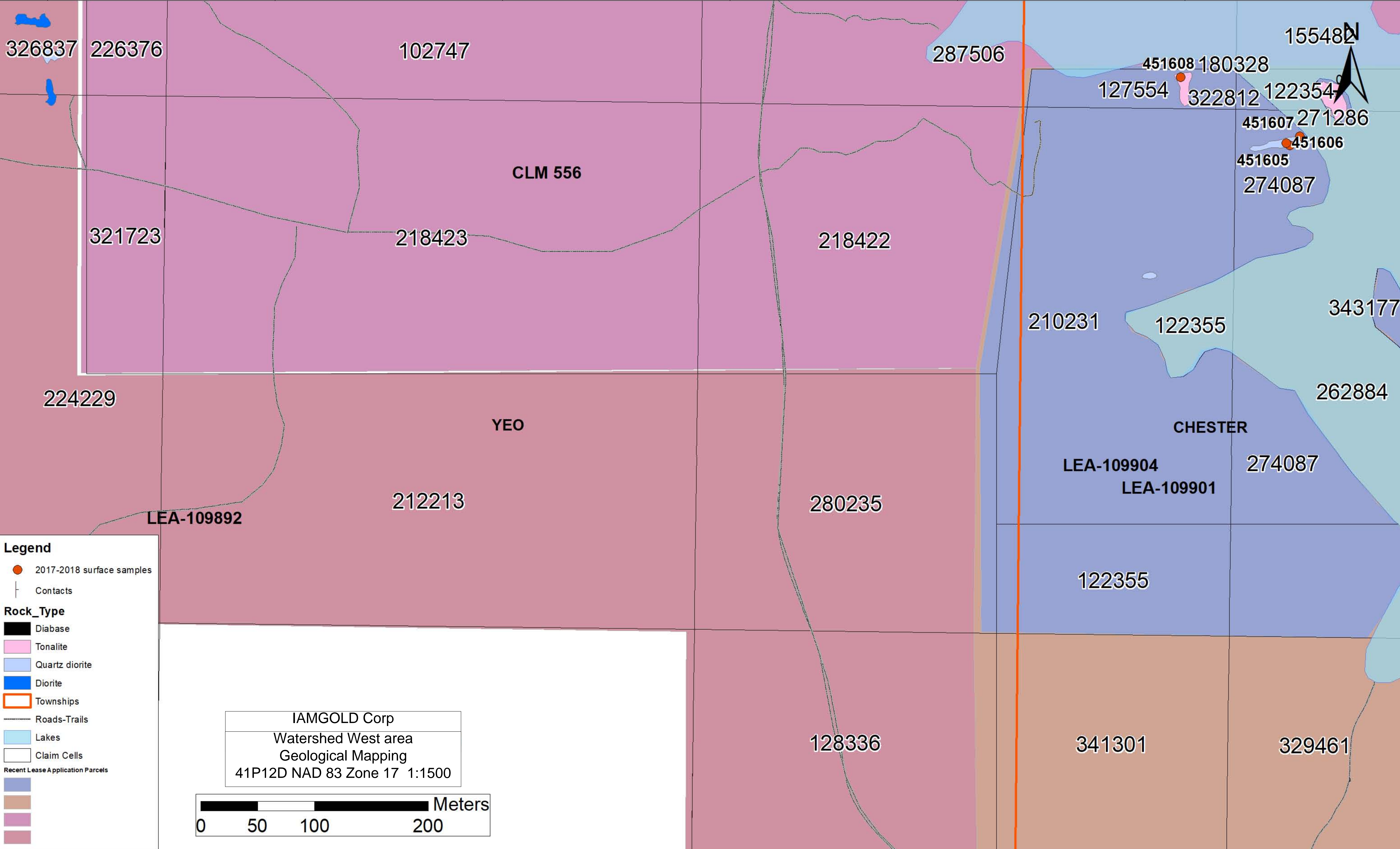
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Legend

- 2017-2018 surface samples
- ┆ Contacts

Rock_Type

- Diabase
- Tonalite
- Quartz diorite
- Diorite

Townships

Roads-Trails

Lakes

Claim Cells

Recent Lease Application Parcels

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IAMGOLD Corp
 Watershed West area
 Geological Mapping
 41P12D NAD 83 Zone 17 1:1500



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Appendix C

Geological Mapping Sample Summary, Assay Certificates and QA/QC

Table C1: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|----------|------------------------------|-----------|--------|---------------|------------|
| 23-07-2017 | 451501 | 427918 | 5267062 | Fly | 0.005 | Diorite | QCSV | 45 | py | 1 |
| 23-07-2017 | 451502 | 427918 | 5267062 | Fly | 0.01 | Diorite | QCSV | 70 | py | <1 |
| 23-07-2017 | 451503 | 427918 | 5267062 | Trench grab | 0.209 | Diorite | QCSV | 10 | cpy | 5 |
| 23-07-2017 | 451504 | 427918 | 5267062 | Trench grab | 0.013 | Diorite | QCV | 5 | | |
| 23-07-2017 | 451505 | 427918 | 5267062 | Trench grab | 0.081 | Diorite | QCSV | 10 | py-cpy | 6 |
| 23-07-2017 | 451506 | 427918 | 5267062 | Trench grab | 0.007 | Diorite | QCSV | 80 | py | <1 |
| 23-07-2017 | 451507 | 427924 | 5267057 | Trench grab | 0.083 | Diorite | QCSV | 40 | py-cpy | 3 |
| 23-07-2017 | 451508 | 427924 | 5267057 | Trench grab | 0.01 | Diorite | QCSV | 40 | py-cpy | 4 |
| 24-07-2017 | 451511 | 427935 | 5267047 | Trench grab | 0.607 | Diorite | QCBV | 25 | | |
| 24-07-2017 | 451513 | 427935 | 5267047 | Trench grab | <0.005 | Diorite | QCV | 75 | | |
| 24-07-2017 | 451514 | 427935 | 5267047 | Trench grab | 2.6 | Diorite | QCCHLSV | 35 | py | 2 |
| 24-07-2017 | 451515 | 427946 | 5267040 | Trench grab | 0.056 | Diorite | QCSV | 5 | cpy | 2 |
| 24-07-2017 | 451516 | 427946 | 5267040 | Trench grab | 0.041 | Diorite | QCSV | 5 | | |
| 24-07-2017 | 451517 | 427946 | 5267040 | Trench grab | 0.007 | Diorite | QCBV | 95 | | |
| 26-07-2017 | 451518 | 427903 | 5267079 | Trench grab | 0.01 | Tonalite | | | | |
| 26-07-2017 | 451519 | 427903 | 5267079 | Fly | 0.005 | Tonalite | QCHLSV | 3 | py | 2 |
| 26-07-2017 | 451509 | 427939 | 5267043 | Trench grab | 0.019 | Tonalite | | | py | 3 |
| 26-07-2017 | 451510 | 427939 | 5267043 | Trench grab | 0.01 | Tonalite | | | py | <1 |
| 07-08-2017 | 451520 | 427365 | 5268449 | Grab | <0.005 | Felsic-intermediate volcanic | | | py | 0.1 |
| 07-08-2017 | 451521 | 427365 | 5268430 | Grab | <0.005 | Intermediate-felsic volcanic | | | | |
| 07-08-2017 | 451522 | 427326 | 5268423 | Grab | <0.005 | Felsic-intermediate volcanic | | | py-cpy | 3 |
| 07-08-2017 | 451523 | 427326 | 5268423 | Grab | 0.068 | Felsic-intermediate volcanic | QTSV | 98 | py | <1 |
| 07-08-2017 | 451525 | 427297 | 5268445 | Grab | <0.005 | Intermediate-felsic volcanic | QV | 0 | py | 0.1 |
| 08-08-2017 | 451526 | 426863 | 5268433 | Grab | <0.005 | Felsic-intermediate volcanic | | | py | 1 |
| 08-08-2017 | 451527 | 425958 | 5268072 | Grab | <0.005 | Conglomerate | | | py | 3 |
| 08-08-2017 | 451528 | 425656 | 5268117 | Grab | <0.005 | Intermediate volcanic | | | py | 0.1 |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|----------|------------------------------|-----------|--------|---------------|------------|
| 08-08-2017 | 451541 | 426634 | 5267660 | Grab | <0.005 | Tonalite | QCV | 1 | py | 0.5 |
| 08-08-2017 | 451542 | 426439 | 5267640 | Grab | <0.005 | Tonalite | QCV | 1 | py | 0.1 |
| 08-08-2017 | 451543 | 426335 | 5267650 | Grab | <0.005 | Tonalite | QV | 60 | py | 0.1 |
| 09-08-2017 | 451529 | 425801 | 5266899 | Grab | 0.006 | Tonalite | | | py | <1 |
| 09-08-2017 | 451530 | 425771 | 5267039 | Grab | 0.111 | Tonalite | QSV | 5 | py | 5 |
| 09-08-2017 | 451531 | 425817 | 5267206 | Grab | <0.005 | Diorite | | | py | 1 |
| 09-08-2017 | 451532 | 425817 | 5267206 | Grab | <0.005 | Tonalite | QCV | 2 | | |
| 09-08-2017 | 451533 | 425677 | 5267283 | Grab | <0.005 | Tonalite | CHLMTV | 65 | py | 0.1 |
| 09-08-2017 | 451534 | 425671 | 5267281 | Grab | <0.005 | Tonalite | QV | 3 | py | 1 |
| 09-08-2017 | 451535 | 425671 | 5267281 | Grab | 0.028 | Tonalite | | | py | 1 |
| 09-08-2017 | 451537 | 425630 | 5267411 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 09-08-2017 | 451538 | 425613 | 5267518 | Grab | 0.01 | Intermediate volcanic | | | py | 3 |
| 09-08-2017 | 451544 | 426337 | 5267450 | Grab | <0.005 | Tonalite | | | | |
| 09-08-2017 | 451546 | 426305 | 5267127 | Grab | <0.005 | Quartz diorite | QCBV | 5 | py | 0.5 |
| 09-08-2017 | 451547 | 426176 | 5267079 | Grab | <0.005 | Quartz diorite | QCBV | 1 | py | 0.1 |
| 10-08-2017 | 451539 | 425183 | 5267927 | Grab | <0.005 | Intermediate volcanic | | | py | 7 |
| 10-08-2017 | 451540 | 425183 | 5267927 | Grab | <0.005 | Intermediate volcanic | | | py | 3 |
| 10-08-2017 | 451551 | 425171 | 5267971 | Grab | <0.005 | Intermediate volcanic | | | py | 3 |
| 2017-08-12 | 451549 | 425166 | 5268325 | Grab | <0.005 | Intermediate-felsic volcanic | | | py-cpy-mal | 3 |
| 2017-08-12 | 451550 | 425148 | 5268432 | Grab | <0.005 | Felsic volcanic | | | py | 2 |
| 2017-08-12 | 451552 | 425159 | 5268578 | Grab | <0.005 | Felsic volcanic | QSV | 65 | py | 1 |
| 2017-08-12 | 451553 | 424981 | 5268679 | Grab | <0.005 | Felsic volcanic | QSV | 65 | py | 1 |
| 13-08-2017 | 451554 | 424853 | 5268837 | Grab | <0.005 | Felsic volcanic | | | py | <1 |
| 13-08-2017 | 451555 | 424842 | 5268864 | Grab | <0.005 | Mafic volcanic | QV | 3 | py | 2 |
| 13-08-2017 | 454556 | 424842 | 5268864 | Grab | <0.005 | Felsic volcanic | QSV | 5 | py | 3 |
| 13-08-2017 | 451557 | 424814 | 5268939 | Grab | 0.005 | Felsic volcanic | | | py | 4 |
| 13-08-2017 | 451558 | 424814 | 5268939 | Grab | <0.005 | Felsic volcanic | | | py | 10 |
| 13-08-2017 | 451559 | 424781 | 5269068 | Grab | <0.005 | Mafic volcanic | | | py | 2 |
| 14-08-2017 | 451561 | 424803 | 5269189 | Grab | <0.005 | Mafic volcanic | | | py | 0.1 |
| 14-08-2017 | 451562 | 424773 | 5269194 | Grab | <0.005 | Mafic volcanic | QCHLV | 90 | | |
| 14-08-2017 | 451563 | 424773 | 5269194 | Grab | 0.005 | Mafic volcanic | QCHLV | 50 | | |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|----------|------------------------------|-----------|--------|---------------|------------|
| 14-08-2017 | 451564 | 424731 | 5269221 | Grab | 0.005 | Felsic volcanic | | | py | 7 |
| 14-08-2017 | 451565 | 424351 | 5269058 | Trench grab | 0.005 | Felsic volcanic | QTV | 80 | py | <1 |
| 14-08-2017 | 451566 | 424351 | 5269058 | Fly rock | 0.012 | Felsic volcanic | QTV | 25 | | |
| 14-08-2017 | 451567 | 424345 | 5269055 | Trench grab | <0.005 | Felsic volcanic | QV | 70 | | |
| 14-08-2017 | 451568 | 424328 | 5269063 | Trench grab | 0.005 | Felsic volcanic | QV | 50 | | |
| 15-08-2017 | 451569 | 424605 | 5268766 | Grab | 0.022 | Felsic volcanic | QV | 5 | py | 1 |
| 15-08-2017 | 451570 | 424631 | 5268716 | Grab | <0.005 | Felsic volcanic | | | py | 5 |
| 15-08-2017 | 451571 | 424631 | 5268716 | Grab | <0.005 | Felsic volcanic | | | py | 5 |
| 15-08-2017 | 451573 | 424680 | 5268567 | Grab | <0.005 | Intermediate-felsic volcanic | | | py | 0.5 |
| 15-08-2017 | 451574 | 424824 | 5268282 | Grab | <0.005 | Felsic volcanic | | | py | <1 |
| 15-08-2017 | 451575 | 424868 | 5268153 | Grab | <0.005 | Intermediate volcanic | QCV | 15 | py-cpy | 2 |
| 15-08-2017 | 451576 | 424881 | 5268099 | Grab | <0.005 | Intermediate-mafic volcanic | QCV | | py | 0.1 |
| 15-08-2017 | 451577 | 424894 | 5268081 | Grab | <0.005 | Intermediate volcanic | CV | | cpy | <1 |
| 15-08-2017 | 451578 | 424876 | 5267853 | Grab | <0.005 | Mafic-intermediate volcanic | QCV | 10 | py | 2 |
| 15-08-2017 | 451579 | 424899 | 5267805 | Grab | <0.005 | Intermediate volcanic | | | py | 1 |
| 15-08-2017 | 451580 | 424899 | 5267805 | Grab | <0.005 | Intermediate volcanic | | | | |
| 15-08-2017 | 451581 | 424924 | 5267734 | Grab | <0.005 | Felsic volcanic | | | py | 0.1 |
| 16-08-2017 | 451582 | 425369 | 5267063 | Grab | 0.006 | Tonalite | QV | | | |
| 17-08-2017 | 451583 | 427815 | 5267077 | Grab | 0.007 | Tonalite | | | py | 2 |
| 17-08-2017 | 451585 | 427815 | 5267077 | Fly rock | 0.25 | Tonalite | QSV | | py-cpy | 10 |
| 18-08-2017 | 451586 | 427797 | 5267130 | Grab | 0.006 | Diorite | | | py | 1 |
| 18-08-2017 | 451587 | 427776 | 5267099 | Grab | 0.006 | Tonalite | | | py | 3 |
| 18-08-2017 | 451588 | 427875 | 5266979 | Grab | <0.005 | Tonalite | | | py | 2 |
| 18-08-2017 | 451589 | 427875 | 5266979 | Grab | 0.019 | Tonalite | QV | | py-cpy | 1 |
| 21-08-2017 | 451590 | 427934 | 5266838 | Grab | <0.005 | Tonalite | | | py | 0.1 |
| 21-08-2017 | 451591 | 427974 | 5266765 | Grab | 0.026 | Quartz diorite | | | py-cpy | 2 |
| 21-08-2017 | 451592 | 427973 | 5266564 | Grab | 0.314 | Tonalite | QCBV | 7 | py-cpy | 4 |
| 21-08-2017 | 451593 | 427936 | 5266638 | Grab | 0.025 | Tonalite | | | py | 2 |
| 21-08-2017 | 451594 | 427826 | 5266860 | Grab | 0.029 | Tonalite | | | py | 1 |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|--------------|----------------|-----------|--------|---------------|------------|
| 21-08-2017 | 451595 | 427826 | 5266860 | Grab | 0.18 | Tonalite | | | | |
| 21-08-2017 | 451598 | 427778 | 5266902 | Grab | 0.019 | Tonalite | | | py | 1 |
| 21-08-2017 | 451597 | 427815 | 5266880 | Fly rock | 0.079 | Tonalite | QCV | 5 | py | 4 |
| 22-08-2017 | 451599 | 427902 | 5266537 | Grab | 0.057 | Tonalite | QV | | py | <1 |
| 23-08-2017 | 451600 | 426994 | 5266499 | Grab | <0.005 | Tonalite | QV | 50 | | |
| 23-08-2017 | 451601 | 426992 | 5266694 | Grab | <0.005 | Quartz diorite | | | py | 1 |
| 23-08-2017 | 451602 | 426985 | 5267118 | Grab | 1.289 | Tonalite | | | py | 2 |
| 24-08-2017 | 451603 | 426569 | 5266388 | Grab | 0.047 | | | | | |
| 24-08-2017 | 451604 | 426598 | 5266440 | Grab | 0.005 | Diorite | | | py-po | 2 |
| 28-08-2017 | 451605 | 428092 | 5266235 | Grab | 38.5 | Quartz diorite | QCSV | 50 | py-mal | 20 |
| 28-08-2017 | 451606 | 428089 | 5266237 | Grab | 1.366 | Quartz diorite | | | | |
| 28-08-2017 | 451607 | 428101 | 5266243 | Grab | 5.41 | Quartz diorite | QCSV | 100 | py-mal | 20 |
| 28-08-2017 | 451608 | 427996 | 5266295 | Grab | 0.202 | Tonalite | | | py | 1 |
| 28-08-2017 | 451609 | 427077 | 5266805 | Grab | 0.005 | Quartz diorite | QCV | 10 | py | 0.75 |
| 30-08-2017 | 451610 | 427374 | 5266638 | Grab | 0.469 | Tonalite | QSV | 45 | py | 5 |
| 30-08-2017 | 451611 | 427298 | 5266710 | Grab | 0.013 | Tonalite | | | py | 0.5 |
| 30-08-2017 | 451613 | 427371 | 5266735 | Grab | 0.176 | Tonalite | QCSV | 100 | py-cpy-po | 30 |
| 30-08-2017 | 451614 | 427363 | 5266727 | Grab | 0.009 | Tonalite | | | | |
| 31-08-2017 | 451615 | 426130 | 5267508 | Grab | <0.005 | Tonalite | | | | |
| 31-08-2017 | 451616 | 426121 | 5267486 | Grab | <0.005 | Tonalite | | | | |
| 31-08-2017 | 451617 | 426036 | 5267516 | Grab | <0.005 | Tonalite | | | py | 1 |
| 31-08-2017 | 451618 | 425956 | 5267464 | Grab | <0.005 | Tonalite | | | py | 0.1 |
| 01-09-2017 | 451619 | 426574 | 5267722 | Grab | <0.005 | Quartz diorite | | | py | 0.5 |
| 14-09-2017 | 451620 | 427213 | 5267018 | Grab | 0.008 | Tonalite | | | py | 3 |
| 14-09-2017 | 451621 | 427153 | 5267014 | Grab | 0.019 | Tonalite | | | py | 2 |
| 14-09-2017 | 451622 | 427129 | 5266983 | Grab | 0.015 | Tonalite | | | py | 1 |
| 14-09-2017 | 451623 | 426978 | 5266901 | Grab | 0.01 | Tonalite | | | py | 2 |
| 14-09-2017 | 451624 | 426995 | 5266881 | Grab | 0.005 | Tonalite | QCCHLV | 50 | py | 2 |
| 07-06-2018 | 283655 | 426917 | 5267147 | Grab | 0.003 | Tonalite | | | py | 2 |
| 10-06-2018 | 283656 | 427292 | 5267401 | Grab | <0.002 | Tonalite | | | py-cpy | 1 |
| 13-06-2018 | 283657 | 426749 | 5266662 | Grab | 0.004 | Quartz diorite | | | | |
| 13-06-2018 | 283658 | 426732 | 5266683 | Grab | 0.015 | Tonalite | | | | |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|-------------|--------------------------------|-----------|--------|---------------|------------|
| 13-06-2018 | 283659 | 426737 | 5266680 | Grab | 0.004 | Tonalite | | | py | 3 |
| 13-06-2018 | 283661 | 426648 | 5266695 | Grab | <0.002 | Diorite | | | py | 2 |
| 13-06-2018 | 283662 | 426565 | 5266694 | Grab | <0.002 | Feldspar porphyry | | | py | 1 |
| 13-06-2018 | 283663 | 426479 | 5266690 | Grab | <0.002 | Felsic volcanic | | | py | 0.1 |
| 14-06-2018 | 283664 | 426440 | 5266671 | Grab | <0.002 | Tonalite | | | | |
| 14-06-2018 | 283665 | 426011 | 5267347 | Grab | <0.002 | Tonalite | | | | |
| 15-06-2018 | 283667 | 427207 | 5266654 | Grab | 0.002 | Tonalite | | | py | 3 |
| 15-06-2018 | 283666 | 427091 | 5267962 | Grab | 0.002 | Diorite | | | | |
| 16-06-2018 | 283671 | 427651 | 5267644 | Grab | <0.002 | Tonalite | | | py | 1 |
| 16-06-2018 | 283668 | 428257 | 5268129 | Grab | <0.002 | Intermediate volcanic | | | | |
| 17-06-2018 | 283669 | 427415 | 5267929 | Grab | <0.002 | Intermediate volcanic | | | | |
| 18-06-2018 | 283673 | 428113 | 5268242 | Grab | 0.004 | Intermediate volcanic | QCHLSV | 90 | py-cpy | 6 |
| 18-06-2018 | 283670 | 428120 | 5268244 | Float | 2.49 | Intermediate volcanic | QCHLSV | 90 | py-cpy | 7 |
| 18-06-2018 | 283674 | 429016 | 5267822 | Grab | <0.002 | Tonalite | | | py-cpy | 4 |
| 18-06-2018 | 283675 | 428975 | 5267862 | Grab | 0.008 | Tonalite | | | py-cpy | 10 |
| 15-06-2018 | 283702 | 426099 | 5267897 | Grab | <0.002 | Intermediate volcanic | QV | 50 | | |
| 15-06-2018 | 283703 | 425855 | 5268496 | Grab | <0.002 | Intermediate volcanic | QV | 95 | | |
| 15-06-2018 | 283704 | 425915 | 5268457 | Grab | <0.002 | Intermediate volcanic | QV | 2 | | |
| 16-06-2018 | 283705 | 426712 | 5268698 | Grab | <0.002 | Intermediate volcanic | | | py | 5 |
| 16-06-2018 | 283706 | 426712 | 5268698 | Grab | <0.002 | Intermediate volcanic | | | py | 3 |
| 16-06-2018 | 283707 | 426712 | 5268696 | Grab | <0.002 | Intermediate volcanic | | | py | 7 |
| 16-06-2018 | 283708 | 426719 | 5268490 | Grab | <0.002 | Intermediate volcanic | | | py | 3 |
| 16-06-2018 | 283709 | 426719 | 5268489 | Grab | <0.002 | Intermediate volcanic - I QV | | 85 | py | 0.1 |
| 16-06-2018 | 283710 | 427252 | 5268504 | Grab | <0.002 | Intermediate volcanic | | | py | 1 |
| 10-08-2018 | 283676 | 426353 | 5268676 | Grab | <0.005 | Intermediate - felsic volcanic | | | py | 2 |
| 10-08-2018 | 283677 | 426087 | 5268828 | Grab | <0.005 | Intermediate-mafic volcanic | | | py | 1 |
| 10-08-2018 | 283678 | 426218 | 5268583 | Grab | <0.005 | Intermediate-felsic volcanic | | | py | <1 |
| 11-08-2018 | 283679 | 426400 | 5268518 | Grab | <0.005 | Intermediate volcanic | QCV | 95 | py-cpy | 5 |
| 11-08-2018 | 283680 | 426400 | 5268518 | Grab | <0.005 | Intermediate volcanic | QCSV | 100 | py-cpy | 5 |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|----------|------------------------------|-----------|--------|---------------|------------|
| 11-08-2018 | 283681 | 426186 | 5268390 | Grab | <0.005 | Intermediate volcanic | QCV | 50 | py | <1 |
| 12-08-2018 | 283682 | 426383 | 5267942 | Grab | <0.005 | Intermediate volcanic | QCV | 15 | | |
| 13-08-2018 | 283683 | 426615 | 5268313 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 13-08-2018 | 283685 | 426607 | 5268300 | Grab | 0.019 | Intermediate volcanic | | | | |
| 13-08-2018 | 283686 | 426591 | 5268199 | Grab | <0.005 | Felsic-intermediate volcanic | | | py | <1 |
| 13-08-2018 | 283687 | 426701 | 5268176 | Grab | 0.101 | Felsic-intermediate volcanic | | | py | 4 |
| 14-08-2018 | 283688 | 426805 | 5268251 | Grab | <0.005 | Intermediate volcanic | | | | |
| 14-08-2018 | 283689 | 426822 | 5268225 | Grab | <0.005 | Intermediate-felsic volcanic | | | py | 1 |
| 14-08-2018 | 283690 | 426995 | 5268216 | Grab | 0.01 | Felsic-intermediate volcanic | | | py | 2 |
| 15-08-2018 | 283691 | 425425 | 5268616 | Grab | <0.005 | Felsic-intermediate volcanic | | | py | <1 |
| 15-08-2018 | 283692 | 425400 | 5268470 | Grab | <0.005 | Felsic-intermediate volcanic | | | py | 4 |
| 20-08-2018 | 283693 | 427794 | 5268085 | Grab | 0.006 | Felsic volcanic | | | py | 1 |
| 20-08-2018 | 283694 | 427789 | 5269167 | Grab | <0.005 | Mafic-intermediate volcanic | QCV | 35-40 | | |
| 20-08-2018 | 283695 | 427761 | 5269159 | Grab | <0.005 | Mafic-intermediate volcanic | | | py | <1 |
| 20-08-2018 | 283697 | 427721 | 5269127 | Grab | <0.005 | Felsic volcanic | | | py | <1 |
| 21-08-2018 | 283698 | 427392 | 5268739 | Grab | 0.005 | Felsic volcanic | | | py | <1 |
| 21-08-2018 | 283699 | 427398 | 5268959 | Grab | <0.005 | Mafic volcanic | | | py | 2 |
| 21-08-2018 | 283700 | 427304 | 5268969 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 21-08-2018 | 283701 | 426680 | 5268911 | Grab | <0.005 | Intermediate-felsic volcanic | | | | |
| 23-08-2018 | 283711 | 425062 | 5268954 | Grab | 0.059 | Felsic-intermediate volcanic | | | py | 2 |
| 23-08-2018 | 283713 | 425193 | 5268922 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 24-08-2018 | 283714 | 425601 | 5268071 | Grab | <0.005 | Intermediate volcanic | | | py | 1 |

Table C1 continued: Summary of geological mapping samples

| Date | Sample No. | UTM Easting | UTM Northing | Sample Type | Au (ppm) | Rock Type | Vein Type | Vein % | Sulphide Type | Sulphide % |
|------------|------------|-------------|--------------|-------------|----------|------------------------------|-----------|--------|---------------|------------|
| 24-08-2018 | 283715 | 425430 | 5268150 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 24-08-2018 | 283716 | 425392 | 5268148 | Grab | <0.005 | Intermediate volcanic | | | py | <1 |
| 24-08-2018 | 283717 | 425416 | 5268247 | Grab | 0.038 | Intermediate volcanic | | | py | 2 |
| 25-08-2018 | 283718 | 425660 | 5268725 | Grab | 0.019 | Felsic-intermediate volcanic | QCV | 5 | cpy-mal | 9 |
| 25-08-2018 | 283719 | 425660 | 5268724 | Grab | 0.02 | Felsic-intermediate volcanic | QCSV | 35 | py-cpy-mal | 9 |
| 25-08-2018 | 283720 | 425705 | 5268772 | Grab | <0.005 | Felsic volcanic | QSV | 4 | py | 1 |
| 25-08-2018 | 283721 | 425681 | 5268773 | Grab | 0.009 | Felsic volcanic | | | py | 1 |
| 26-08-2018 | 283722 | 425692 | 5268004 | Grab | <0.005 | Intermediate-mafic volcanic | | | py | <1 |
| 27-08-2018 | 283723 | 427919 | 5267976 | Grab | 0.24 | Intermediate volcanic | | | py | <1 |

Assay Certificates



Date Submitted: 14-Aug-17
Invoice No.: A17-08555-Au
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-08555-Au**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized and somewhat illegible.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 14-Aug-17
Invoice No.: A17-08555-Au
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-08555-Au**

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Notes:

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CERTIFIED BY:



Emmanuel Esemé , Ph.D.
Quality Control

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 |
| 451501 | 0.005 |
| 451502 | 0.010 |
| 451503 | 0.209 |
| 451504 | 0.013 |
| 451505 | 0.081 |
| 451506 | 0.007 |
| 451507 | 0.083 |
| 451508 | 0.010 |
| 451509 | 0.019 |
| 451510 | 0.010 |
| 451511 | 0.607 |
| 451512 | 1.295 |
| 451513 | < 0.005 |
| 451514 | 2.600 |
| 451515 | 0.056 |
| 451516 | 0.041 |
| 451517 | 0.007 |
| 451518 | 0.010 |
| 451519 | 0.005 |
| 451520 | < 0.005 |
| 451521 | < 0.005 |
| 451522 | < 0.005 |
| 451523 | 0.068 |
| 451524 | < 0.005 |
| 451525 | < 0.005 |
| 451526 | < 0.005 |
| 451527 | < 0.005 |
| 451528 | < 0.005 |
| 451529 | 0.006 |
| 451530 | 0.111 |
| 451531 | < 0.005 |
| 451532 | < 0.005 |
| 451533 | < 0.005 |
| 451534 | < 0.005 |
| 451535 | 0.028 |
| 451536 | 0.560 |
| 451537 | < 0.005 |
| 451538 | 0.010 |
| 451539 | < 0.005 |
| 451540 | < 0.005 |
| 451541 | < 0.005 |
| 451542 | < 0.005 |

| Analyte Symbol | Au |
|----------------|---------|
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| 451543 | < 0.005 |
| 451544 | < 0.005 |
| 451545 | < 0.005 |
| 451546 | < 0.005 |
| 451547 | < 0.005 |
| 451548 | < 0.005 |
| 451549 | < 0.005 |
| 451550 | < 0.005 |
| 451551 | < 0.005 |
| 451552 | < 0.005 |
| 451553 | < 0.005 |
| 451554 | < 0.005 |
| 451555 | < 0.005 |
| 451556 | < 0.005 |
| 451557 | 0.005 |
| 451558 | < 0.005 |
| 451559 | < 0.005 |
| 451560 | 1.504 |

Sample 451545 not sampled in
Watershed West

| | |
|-------------------------------|---------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| OREAS 206 Meas | 2.094 |
| OREAS 206 Cert | 2.197 |
| OREAS 206 Meas | 2.066 |
| OREAS 206 Cert | 2.197 |
| OREAS 218 Meas | 0.518 |
| OREAS 218 Cert | 0.531 |
| OREAS 218 Meas | 0.514 |
| OREAS 218 Cert | 0.531 |
| 451510 Orig | 0.009 |
| 451510 Dup | 0.011 |
| 451520 Orig | < 0.005 |
| 451520 Dup | < 0.005 |
| 451545 Orig | < 0.005 |
| 451545 Dup | 0.007 |
| 451550 Split Orig PREP DUP | < 0.005 |
| 451550 Split PREP DUP | < 0.005 |
| 451555 Orig | < 0.005 |
| 451555 Dup | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |



Date Submitted: 14-Aug-17
Invoice No.: A17-08555-TD
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-08555-TD**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat cursive, written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 14-Aug-17
Invoice No.: A17-08555-TD
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-08555-TD**

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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

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

Results

Activation Laboratories Ltd.

Report: A17-08555

| Analyte Symbol | Li | Na | Mg | Al | K | Ca | Cd | V | Cr | Mn | Fe | Hf | Hg | Ni | Er | Be | Ho | Ag | Cs | Co | Eu | Bi | Se |
|----------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|
| Unit Symbol | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 0.5 | 1 | 0.01 | 0.1 | 10 | 0.5 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.1 | 0.05 | 0.02 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451501 | 13.4 | 0.06 | 3.53 | 5.51 | 2.83 | 9.47 | 0.3 | 159 | 185 | 2110 | 8.05 | 1.0 | < 10 | 70.6 | 1.3 | 1.8 | 0.5 | 0.24 | 0.69 | 30.4 | 0.76 | 0.59 | < 0.1 |
| 451502 | 12.8 | 0.05 | 2.21 | 5.03 | 2.30 | 5.16 | 0.2 | 140 | 219 | 1350 | 4.93 | 0.8 | 10 | 57.3 | 0.6 | 1.7 | 0.2 | 0.28 | 0.62 | 18.1 | 0.42 | 0.29 | < 0.1 |
| 451503 | 9.5 | 1.87 | 0.53 | 6.20 | 2.07 | 0.81 | 1.2 | 13 | 14.7 | 267 | 2.70 | 6.1 | 10 | 22.3 | 1.5 | 1.7 | 0.5 | 9.85 | 0.38 | 13.9 | 0.61 | 1.20 | 0.3 |
| 451504 | 14.0 | 0.14 | 1.74 | 6.79 | 2.12 | 2.08 | 0.2 | 192 | 300 | 1400 | 6.66 | 0.9 | 20 | 111 | 0.7 | 0.5 | 0.2 | 0.07 | 0.65 | 37.6 | 0.61 | 0.09 | < 0.1 |
| 451505 | 10.5 | 1.67 | 0.87 | 6.31 | 2.10 | 1.01 | 1.0 | 26 | 51.2 | 344 | 3.51 | 5.8 | 20 | 32.4 | 1.4 | 1.8 | 0.5 | 8.18 | 0.48 | 16.4 | 0.41 | 1.63 | 0.6 |
| 451506 | 11.2 | 0.03 | 1.61 | 2.69 | 1.59 | 3.00 | < 0.1 | 78 | 144 | 944 | 4.31 | 0.4 | < 10 | 53.5 | 0.5 | 0.4 | 0.2 | 0.06 | 0.93 | 20.4 | 0.48 | 0.16 | < 0.1 |
| 451507 | 20.9 | 0.06 | 2.50 | 7.05 | 2.41 | 4.25 | 0.2 | 196 | 294 | 911 | 6.03 | 1.2 | < 10 | 87.9 | 0.7 | 2.5 | 0.2 | 1.32 | 1.42 | 33.7 | 0.46 | 0.26 | < 0.1 |
| 451508 | 21.0 | 0.05 | 2.38 | 6.69 | 2.10 | 1.92 | < 0.1 | 175 | 334 | 594 | 6.28 | 1.1 | < 10 | 84.0 | 0.6 | 1.5 | 0.2 | 0.18 | 0.90 | 24.8 | 0.30 | 0.17 | < 0.1 |
| 451509 | 11.9 | 0.19 | 0.54 | 4.81 | 2.40 | 1.09 | 0.1 | 9 | 16.6 | 420 | 4.16 | 6.9 | < 10 | 4.4 | 1.7 | 1.3 | 0.6 | 0.23 | 0.48 | 18.2 | 0.59 | 0.81 | < 0.1 |
| 451510 | 5.2 | 2.75 | 0.32 | 6.45 | 1.61 | 0.92 | < 0.1 | 8 | 22.9 | 256 | 3.44 | 7.2 | < 10 | 2.8 | 3.2 | 0.9 | 1.1 | < 0.05 | 1.08 | 6.5 | 0.65 | 0.09 | < 0.1 |
| 451511 | 22.5 | 0.08 | 3.55 | 6.88 | 2.82 | 4.97 | < 0.1 | 154 | 283 | 1300 | 6.44 | 0.9 | 10 | 110 | 0.6 | 0.9 | 0.2 | < 0.05 | 2.54 | 23.4 | 0.59 | 0.14 | < 0.1 |
| 451514 | 8.9 | 0.09 | 1.59 | 4.55 | 1.93 | 5.22 | 0.2 | 130 | 138 | 881 | 4.59 | 1.2 | 10 | 56.2 | 0.7 | 0.4 | 0.2 | 0.63 | 0.31 | 28.9 | 0.38 | 0.78 | < 0.1 |
| 451515 | 20.0 | 0.54 | 3.10 | 7.50 | 3.23 | 4.09 | 0.2 | 174 | 276 | 1270 | 7.34 | 0.8 | 10 | 126 | 0.7 | 0.4 | 0.2 | < 0.05 | 1.54 | 37.8 | 0.59 | 0.26 | < 0.1 |
| 451516 | 15.6 | 0.72 | 3.52 | 6.90 | 2.17 | 6.02 | 0.1 | 151 | 247 | 1240 | 6.66 | 0.7 | < 10 | 121 | 0.7 | 0.3 | 0.3 | 0.13 | 0.38 | 41.9 | 0.54 | 0.13 | < 0.1 |
| 451517 | 1.8 | 0.03 | 0.76 | 0.81 | 0.39 | 2.14 | < 0.1 | 20 | 66.0 | 601 | 1.39 | 0.1 | 10 | 9.6 | 0.4 | 0.1 | 0.1 | < 0.05 | 0.09 | 2.3 | 0.16 | 0.07 | < 0.1 |
| 451519 | 4.3 | > 3.00 | 0.28 | 6.03 | 0.90 | 1.49 | < 0.1 | 9 | 18.3 | 285 | 2.09 | 5.1 | < 10 | 4.0 | 3.1 | 1.5 | 1.1 | 0.20 | 0.11 | 7.2 | 0.92 | 1.69 | < 0.1 |
| 451522 | 10.2 | 0.69 | 1.25 | 7.84 | 2.47 | 2.88 | < 0.1 | 82 | 26.3 | 1380 | 4.48 | 4.8 | 10 | 30.7 | 2.0 | 1.2 | 0.7 | < 0.05 | 2.29 | 16.8 | 0.93 | 0.23 | < 0.1 |
| 451523 | 5.6 | 0.23 | 0.48 | 3.37 | 0.84 | 0.51 | < 0.1 | 105 | 390 | 724 | 2.38 | 0.7 | < 10 | 39.9 | 0.4 | 0.4 | 0.1 | < 0.05 | 0.67 | 11.9 | 0.34 | 0.06 | < 0.1 |
| 451525 | 11.3 | 0.82 | 2.60 | 6.85 | 2.35 | 4.82 | 0.2 | 229 | 198 | 1520 | 6.65 | 1.7 | 20 | 36.3 | 1.1 | 1.6 | 0.4 | < 0.05 | 2.66 | 35.2 | 1.09 | 0.07 | < 0.1 |
| 451527 | 8.3 | > 3.00 | 2.47 | 7.45 | 0.02 | 3.16 | 0.1 | 156 | 44.9 | 1170 | 6.53 | 2.1 | 10 | 41.9 | 2.2 | 0.8 | 0.8 | 0.14 | < 0.05 | 39.7 | 0.85 | 0.12 | < 0.1 |
| 451530 | 20.8 | 1.65 | 0.84 | 7.53 | 1.85 | 1.06 | < 0.1 | 80 | 69.2 | 633 | 8.00 | 4.1 | 20 | 65.0 | 1.7 | 1.9 | 0.5 | 0.38 | 0.86 | 44.5 | 0.67 | 0.79 | 0.2 |
| 451531 | 14.2 | 1.73 | 2.60 | 7.92 | 0.40 | 5.40 | < 0.1 | 306 | 6.8 | 1260 | 10.5 | 0.7 | < 10 | 1.9 | 1.6 | 0.7 | 0.6 | < 0.05 | 0.83 | 46.4 | 0.79 | 0.13 | < 0.1 |
| 451533 | 11.6 | > 3.00 | 0.63 | 7.64 | 1.23 | 0.96 | < 0.1 | 26 | 11.9 | 387 | 7.74 | 5.0 | 10 | 5.1 | 5.2 | 1.9 | 1.9 | < 0.05 | 0.38 | 13.8 | 1.12 | 0.04 | < 0.1 |
| 451534 | 28.3 | 1.89 | 2.80 | 7.93 | 0.21 | 2.28 | < 0.1 | 124 | 117 | 921 | 10.1 | 2.6 | 50 | 68.3 | 3.2 | 1.0 | 1.1 | < 0.05 | 0.17 | 39.2 | 0.88 | 0.17 | < 0.1 |
| 451535 | 4.5 | > 3.00 | 0.13 | 5.57 | 1.42 | 0.96 | < 0.1 | 3 | 12.4 | 181 | 1.46 | 7.3 | < 10 | 4.0 | 2.7 | 1.6 | 0.9 | < 0.05 | 0.23 | 4.4 | 0.59 | 0.10 | < 0.1 |
| 451538 | 18.9 | > 3.00 | 1.98 | 8.04 | 0.50 | 1.88 | < 0.1 | 59 | 40.0 | 705 | 3.93 | 3.0 | 20 | 36.4 | 0.9 | 1.5 | 0.3 | < 0.05 | 0.32 | 23.9 | 0.63 | 0.33 | < 0.1 |
| 451539 | 12.7 | > 3.00 | 1.09 | 7.01 | 1.08 | 1.77 | < 0.1 | 67 | 17.6 | 897 | 3.77 | 3.8 | 10 | 27.9 | 1.7 | 0.9 | 0.6 | < 0.05 | 0.36 | 14.6 | 0.70 | 1.29 | < 0.1 |
| 451540 | 8.6 | > 3.00 | 0.97 | 6.67 | 0.50 | 1.59 | < 0.1 | 61 | 14.4 | 613 | 3.91 | 4.3 | < 10 | 22.0 | 2.0 | 1.1 | 0.7 | < 0.05 | 0.21 | 12.3 | 0.71 | 2.14 | < 0.1 |
| 451549 | 27.8 | > 3.00 | 1.42 | 7.27 | 0.56 | 1.56 | 0.1 | 32 | 6.0 | 800 | 5.11 | 2.8 | < 10 | 1.2 | 2.5 | 0.8 | 0.9 | < 0.05 | 0.33 | 14.7 | 0.95 | 0.22 | < 0.1 |
| 451553 | 9.8 | 0.08 | 0.58 | 3.70 | 0.78 | 1.59 | < 0.1 | 8 | 27.3 | 1620 | 4.18 | 4.6 | < 10 | 2.3 | 1.7 | 0.9 | 0.6 | < 0.05 | 0.42 | 5.7 | 1.05 | 0.25 | < 0.1 |
| 451556 | 23.8 | 0.07 | 2.72 | 6.34 | 2.46 | 5.08 | < 0.1 | 161 | 61.8 | 2770 | 6.48 | 1.6 | 20 | 41.7 | 2.2 | 0.6 | 0.8 | < 0.05 | 1.34 | 41.2 | 0.86 | 0.21 | < 0.1 |
| 451557 | 41.8 | 0.11 | 2.49 | 7.58 | 1.86 | 2.10 | < 0.1 | 145 | 29.6 | 1810 | 6.38 | 4.6 | < 10 | 19.1 | 2.3 | 0.8 | 0.8 | < 0.05 | 1.55 | 26.2 | 1.20 | 0.09 | < 0.1 |
| 451558 | 43.8 | 0.17 | 2.38 | 6.48 | 1.42 | 0.76 | 0.2 | 107 | 8.6 | 1530 | 7.55 | 4.6 | 10 | 12.1 | 2.2 | 1.2 | 0.7 | < 0.05 | 1.83 | 24.5 | 1.35 | 0.35 | 0.3 |
| 451559 | 57.0 | 2.72 | 3.27 | 7.65 | 0.03 | 5.42 | < 0.1 | 195 | 55.1 | 1110 | 7.13 | 3.2 | 20 | 21.8 | 2.1 | 0.9 | 0.8 | < 0.05 | 0.06 | 37.4 | 2.62 | 0.14 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A17-08555

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451501 | 69.4 | 8.8 | 18.5 | 88.5 | 9.7 | 284 | 32 | 0.5 | 0.29 | 0.1 | 1 | < 0.1 | < 0.1 | 629 | 3.2 | 7.6 | 1.1 | 4.9 | 1.7 | 2.4 | 0.4 | 2.4 | 65.4 |
| 451502 | 78.7 | 9.5 | 14.8 | 77.4 | 4.7 | 153 | 26 | 0.7 | 0.97 | < 0.1 | 3 | 0.2 | < 0.1 | 518 | 3.1 | 7.7 | 1.1 | 5.0 | 1.5 | 1.5 | 0.2 | 1.1 | 161 |
| 451503 | 142 | 14.1 | 1.1 | 58.1 | 11.2 | 69.9 | 190 | 11.3 | 2.74 | 0.4 | 5 | 0.2 | 0.2 | 444 | 16.7 | 35.9 | 4.4 | 17.3 | 3.9 | 3.6 | 0.5 | 2.4 | 5750 |
| 451504 | 87.3 | 11.1 | 14.5 | 74.0 | 5.1 | 63.2 | 31 | 0.4 | 1.18 | < 0.1 | < 1 | < 0.1 | < 0.1 | 377 | 5.0 | 11.0 | 1.5 | 6.6 | 1.6 | 1.7 | 0.2 | 1.2 | 92.5 |
| 451505 | 125 | 14.7 | 2.0 | 60.5 | 10.5 | 71.9 | 189 | 11.6 | 5.38 | 0.4 | 5 | 0.2 | 0.2 | 399 | 7.2 | 16.1 | 2.0 | 8.2 | 2.0 | 2.3 | 0.4 | 2.2 | 4940 |
| 451506 | 28.7 | 4.6 | 2.4 | 57.2 | 3.9 | 94.2 | 13 | 0.9 | 1.04 | < 0.1 | 1 | 0.4 | < 0.1 | 290 | 1.3 | 3.5 | 0.6 | 2.8 | 1.0 | 1.2 | 0.2 | 0.9 | 91.2 |
| 451507 | 56.2 | 13.1 | 16.7 | 103 | 5.2 | 157 | 40 | 0.5 | 0.89 | 0.2 | 4 | < 0.1 | < 0.1 | 750 | 3.1 | 7.5 | 1.1 | 4.8 | 1.4 | 1.5 | 0.2 | 1.2 | 939 |
| 451508 | 47.6 | 12.5 | 1.5 | 81.8 | 3.9 | 65.9 | 37 | 1.0 | 0.85 | < 0.1 | 3 | < 0.1 | < 0.1 | 494 | 1.6 | 3.8 | 0.5 | 2.5 | 0.9 | 1.0 | 0.2 | 0.9 | 167 |
| 451509 | 36.0 | 17.3 | 0.4 | 48.2 | 11.0 | 43.1 | 214 | 11.4 | 1.03 | < 0.1 | 8 | 0.3 | < 0.1 | 350 | 14.3 | 37.3 | 5.0 | 21.0 | 5.3 | 4.6 | 0.6 | 2.9 | 455 |
| 451510 | 49.1 | 19.0 | < 0.1 | 65.1 | 24.9 | 129 | 217 | 10.2 | 3.82 | < 0.1 | 5 | 0.2 | < 0.1 | 242 | 23.1 | 51.5 | 6.4 | 25.1 | 5.9 | 5.6 | 0.8 | 4.8 | 35.6 |
| 451511 | 59.3 | 12.3 | < 0.1 | 131 | 4.8 | 123 | 30 | 0.1 | 0.10 | < 0.1 | < 1 | < 0.1 | < 0.1 | 317 | 5.1 | 12.2 | 1.6 | 7.7 | 2.2 | 2.0 | 0.3 | 1.3 | 13.9 |
| 451514 | 58.6 | 9.3 | 6.1 | 56.6 | 5.6 | 126 | 39 | 1.4 | 1.74 | < 0.1 | 8 | 0.2 | < 0.1 | 240 | 3.7 | 8.4 | 1.1 | 5.1 | 1.4 | 1.5 | 0.2 | 1.1 | 525 |
| 451515 | 125 | 13.5 | 4.1 | 121 | 4.8 | 118 | 29 | 0.1 | 0.10 | < 0.1 | < 1 | < 0.1 | < 0.1 | 347 | 4.1 | 10.7 | 1.6 | 7.7 | 2.2 | 2.0 | 0.2 | 1.3 | 88.2 |
| 451516 | 107 | 12.0 | 8.6 | 56.9 | 5.5 | 148 | 24 | 0.2 | 0.13 | < 0.1 | < 1 | < 0.1 | < 0.1 | 237 | 2.3 | 6.2 | 1.0 | 5.0 | 1.4 | 1.7 | 0.2 | 1.3 | 203 |
| 451517 | 7.8 | 1.7 | 1.4 | 10.7 | 2.9 | 38.6 | 4 | 0.7 | 1.91 | < 0.1 | < 1 | 0.1 | < 0.1 | 64 | 0.8 | 1.7 | 0.3 | 1.1 | 0.4 | 0.6 | 0.1 | 0.6 | 6.7 |
| 451519 | 11.8 | 16.8 | 3.3 | 20.9 | 24.1 | 156 | 168 | 8.3 | 9.13 | 0.1 | 7 | 0.3 | 0.4 | 150 | 25.5 | 55.2 | 6.4 | 24.2 | 5.2 | 5.3 | 0.8 | 4.9 | 11.1 |
| 451522 | 53.4 | 14.5 | 0.5 | 82.9 | 15.7 | 151 | 171 | 1.8 | 0.38 | < 0.1 | 1 | 0.6 | < 0.1 | 1280 | 19.6 | 42.6 | 5.2 | 20.5 | 4.5 | 4.0 | 0.5 | 3.2 | 10.6 |
| 451523 | 26.4 | 6.2 | 1.3 | 26.7 | 3.2 | 59.4 | 24 | 0.5 | 4.74 | < 0.1 | < 1 | 0.2 | < 0.1 | 311 | 4.6 | 10.1 | 1.3 | 5.2 | 1.2 | 0.9 | 0.1 | 0.7 | 34.5 |
| 451525 | 138 | 5.7 | 0.4 | 82.9 | 8.3 | 564 | 59 | 0.1 | 0.33 | < 0.1 | < 1 | 0.1 | < 0.1 | 2700 | 10.6 | 25.3 | 3.5 | 15.5 | 3.8 | 3.2 | 0.4 | 2.1 | 114 |
| 451527 | 69.1 | 16.9 | 6.0 | < 0.2 | 14.8 | 228 | 71 | 6.5 | 1.17 | < 0.1 | 1 | 0.3 | < 0.1 | 41 | 11.5 | 28.6 | 3.5 | 14.5 | 3.4 | 3.7 | 0.5 | 3.5 | 70.6 |
| 451530 | 66.3 | 20.2 | 2.7 | 74.2 | 12.0 | 28.9 | 136 | 7.6 | 2.25 | 0.1 | 7 | 0.2 | 0.1 | 455 | 14.5 | 32.0 | 4.0 | 15.9 | 4.0 | 3.7 | 0.5 | 2.7 | 657 |
| 451531 | 49.4 | 19.7 | < 0.1 | 22.2 | 12.3 | 228 | 24 | < 0.1 | < 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | 81 | 5.0 | 13.3 | 2.0 | 8.6 | 2.3 | 2.6 | 0.4 | 2.7 | 39.4 |
| 451533 | 59.4 | 24.0 | < 0.1 | 43.7 | 36.0 | 145 | 161 | 1.4 | 0.21 | 0.2 | 4 | < 0.1 | < 0.1 | 326 | 25.0 | 62.8 | 9.2 | 41.2 | 11.6 | 11.8 | 1.8 | 10.0 | 2.2 |
| 451534 | 86.9 | 18.1 | 1.2 | 10.0 | 23.8 | 82.3 | 93 | 0.2 | 0.14 | < 0.1 | 1 | < 0.1 | < 0.1 | 56 | 7.0 | 18.5 | 2.7 | 12.0 | 3.4 | 4.5 | 0.8 | 4.9 | 3.7 |
| 451535 | 6.9 | 16.0 | 2.4 | 43.4 | 21.8 | 49.1 | 224 | 6.4 | 2.72 | < 0.1 | 4 | 0.1 | < 0.1 | 247 | 26.9 | 57.7 | 6.6 | 23.9 | 4.8 | 4.6 | 0.7 | 4.1 | 36.5 |
| 451538 | 36.5 | 17.1 | < 0.1 | 16.1 | 7.9 | 94.8 | 109 | 0.3 | 0.46 | < 0.1 | 2 | 0.1 | < 0.1 | 157 | 8.8 | 22.4 | 2.5 | 10.5 | 2.6 | 2.3 | 0.3 | 1.8 | 153 |
| 451539 | 189 | 16.4 | 1.3 | 26.8 | 14.2 | 81.4 | 139 | 6.7 | 0.98 | < 0.1 | 2 | 0.1 | < 0.1 | 401 | 13.7 | 30.5 | 3.6 | 13.7 | 3.0 | 3.1 | 0.5 | 2.8 | 103 |
| 451540 | 86.4 | 15.9 | 2.2 | 11.3 | 16.7 | 114 | 155 | 6.9 | 2.03 | < 0.1 | 2 | 0.3 | < 0.1 | 268 | 12.1 | 26.8 | 3.2 | 12.6 | 3.1 | 3.2 | 0.5 | 3.2 | 35.5 |
| 451549 | 83.4 | 18.1 | 0.8 | 13.3 | 20.7 | 78.3 | 103 | 0.1 | 0.13 | < 0.1 | < 1 | < 0.1 | < 0.1 | 213 | 14.1 | 30.6 | 3.7 | 14.9 | 3.5 | 4.0 | 0.6 | 4.0 | 125 |
| 451553 | 60.4 | 8.8 | 4.7 | 26.8 | 13.1 | 35.0 | 164 | 7.2 | 1.07 | < 0.1 | 2 | 0.9 | < 0.1 | 149 | 39.0 | 86.7 | 10.6 | 41.4 | 8.3 | 5.7 | 0.6 | 2.9 | 24.0 |
| 451556 | 71.7 | 12.6 | 30.1 | 70.9 | 15.6 | 206 | 54 | 0.1 | 0.06 | < 0.1 | < 1 | 0.2 | < 0.1 | 1210 | 7.0 | 16.5 | 2.3 | 10.2 | 2.9 | 3.2 | 0.5 | 3.4 | 101 |
| 451557 | 68.4 | 17.3 | 38.6 | 58.0 | 17.1 | 123 | 166 | 1.9 | 0.73 | 0.2 | 2 | 0.3 | < 0.1 | 683 | 18.8 | 40.0 | 5.0 | 20.0 | 4.5 | 4.1 | 0.6 | 3.5 | 177 |
| 451558 | 125 | 15.9 | 42.4 | 50.8 | 17.2 | 105 | 168 | 7.6 | 0.87 | 0.1 | 2 | 2.0 | < 0.1 | 70 | 20.0 | 46.8 | 5.9 | 24.2 | 5.6 | 5.0 | 0.6 | 3.6 | 80.4 |
| 451559 | 118 | 18.0 | < 0.1 | 1.0 | 18.3 | 191 | 126 | 1.1 | 0.12 | < 0.1 | < 1 | 0.2 | < 0.1 | 67 | 38.9 | 82.1 | 11.0 | 46.2 | 10.4 | 8.2 | 0.9 | 4.5 | 90.8 |

| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S |
|----------------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|-------|--------|--------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP |
| 451501 | 0.4 | 0.2 | 1.4 | 0.2 | < 0.1 | 0.2 | < 0.001 | 0.21 | 5.1 | 30 | 0.2 | 0.4 | 0.330 | 0.012 | 0.10 |
| 451502 | 0.1 | 0.1 | 0.7 | 0.1 | < 0.1 | 0.2 | 0.001 | 0.18 | 13.0 | 27 | 0.3 | 0.3 | 0.294 | 0.015 | 0.12 |
| 451503 | < 0.1 | 0.2 | 1.5 | 0.2 | 0.9 | 2.4 | < 0.001 | 0.08 | 4.3 | 6 | 6.6 | 1.8 | 0.178 | 0.019 | 0.70 |
| 451504 | < 0.1 | 0.1 | 0.7 | 0.1 | < 0.1 | 0.1 | < 0.001 | 0.21 | 2.4 | 34 | 0.5 | 0.1 | 0.372 | 0.022 | 0.05 |
| 451505 | < 0.1 | 0.2 | 1.4 | 0.2 | 0.9 | 2.2 | < 0.001 | 0.10 | 5.0 | 8 | 5.6 | 1.7 | 0.210 | 0.020 | 0.72 |
| 451506 | < 0.1 | 0.1 | 0.5 | 0.1 | < 0.1 | 1.3 | < 0.001 | 0.15 | 2.0 | 15 | 0.1 | 0.1 | 0.164 | 0.009 | 0.24 |
| 451507 | < 0.1 | 0.1 | 0.8 | 0.1 | < 0.1 | 0.2 | < 0.001 | 0.36 | 3.3 | 38 | 0.4 | 0.6 | 0.423 | 0.019 | 0.31 |
| 451508 | 0.1 | 0.1 | 0.7 | 0.1 | < 0.1 | 0.3 | < 0.001 | 0.24 | 1.7 | 32 | 0.3 | 0.4 | 0.419 | 0.021 | 0.13 |
| 451509 | < 0.1 | 0.3 | 1.9 | 0.3 | 1.1 | 3.7 | < 0.001 | 0.13 | 5.2 | 6 | 5.1 | 1.5 | 0.185 | 0.016 | 1.07 |
| 451510 | < 0.1 | 0.6 | 3.9 | 0.6 | 0.6 | 0.6 | < 0.001 | 0.17 | 8.1 | 7 | 7.7 | 1.7 | 0.185 | 0.019 | 0.04 |
| 451511 | 0.1 | 0.1 | 0.6 | 0.1 | < 0.1 | < 0.1 | < 0.001 | 0.44 | 1.7 | 31 | 0.6 | 0.1 | 0.212 | 0.016 | 0.01 |
| 451514 | 0.1 | 0.1 | 1.0 | 0.2 | < 0.1 | 0.7 | < 0.001 | 0.11 | 3.2 | 23 | 0.8 | 0.6 | 0.254 | 0.014 | 0.24 |
| 451515 | 0.2 | 0.1 | 0.7 | 0.1 | < 0.1 | < 0.1 | 0.001 | 0.33 | 2.9 | 38 | 0.4 | 0.1 | 0.295 | 0.020 | 0.07 |
| 451516 | 0.3 | 0.1 | 0.7 | 0.1 | < 0.1 | < 0.1 | 0.001 | 0.10 | 1.0 | 35 | 0.2 | 0.1 | 0.298 | 0.020 | 0.10 |
| 451517 | 0.1 | 0.1 | 0.5 | 0.1 | < 0.1 | 0.4 | < 0.001 | < 0.05 | 1.0 | 5 | < 0.1 | < 0.1 | 0.0543 | 0.003 | 0.01 |
| 451519 | < 0.1 | 0.5 | 3.0 | 0.4 | 0.5 | 0.3 | 0.001 | 0.09 | 7.1 | 9 | 4.9 | 1.0 | 0.242 | 0.023 | 0.19 |
| 451522 | < 0.1 | 0.3 | 2.1 | 0.3 | < 0.1 | 0.1 | < 0.001 | 0.49 | 3.9 | 15 | 3.6 | 0.9 | 0.344 | 0.035 | 0.20 |
| 451523 | < 0.1 | 0.1 | 0.4 | 0.1 | < 0.1 | < 0.1 | < 0.001 | 0.13 | 3.0 | 16 | 0.4 | 0.1 | 0.225 | 0.009 | 0.01 |
| 451525 | < 0.1 | 0.2 | 1.0 | 0.2 | < 0.1 | < 0.1 | < 0.001 | 0.44 | 10.6 | 30 | 1.8 | 0.6 | 0.385 | 0.100 | 0.12 |
| 451527 | < 0.1 | 0.3 | 1.9 | 0.3 | 0.6 | 0.4 | 0.001 | < 0.05 | 5.7 | 17 | 1.6 | 0.7 | 0.496 | 0.050 | 0.52 |
| 451530 | < 0.1 | 0.3 | 1.9 | 0.3 | 0.5 | 0.8 | < 0.001 | 0.12 | 7.7 | 14 | 3.7 | 1.4 | 0.417 | 0.048 | 0.74 |
| 451531 | < 0.1 | 0.2 | 1.4 | 0.2 | < 0.1 | < 0.1 | 0.001 | < 0.05 | 2.6 | 34 | 1.0 | 0.2 | 0.232 | 0.011 | 0.08 |
| 451533 | < 0.1 | 0.8 | 4.7 | 0.7 | < 0.1 | < 0.1 | < 0.001 | 0.10 | 5.0 | 31 | 6.3 | 1.7 | 0.182 | 0.009 | < 0.01 |
| 451534 | < 0.1 | 0.5 | 2.9 | 0.4 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | 1.5 | 29 | 2.5 | 0.7 | 0.403 | 0.035 | 0.04 |
| 451535 | < 0.1 | 0.4 | 2.8 | 0.4 | 0.3 | 0.2 | < 0.001 | 0.05 | 4.3 | 4 | 7.1 | 1.5 | 0.146 | 0.011 | 0.14 |
| 451538 | < 0.1 | 0.1 | 0.9 | 0.1 | < 0.1 | 0.1 | < 0.001 | < 0.05 | 1.8 | 14 | 2.9 | 0.7 | 0.206 | 0.041 | 0.11 |
| 451539 | < 0.1 | 0.3 | 1.6 | 0.2 | 0.6 | 0.3 | < 0.001 | 0.12 | 3.8 | 12 | 2.5 | 0.6 | 0.343 | 0.039 | 0.85 |
| 451540 | < 0.1 | 0.3 | 1.9 | 0.3 | 0.6 | 0.4 | < 0.001 | < 0.05 | 4.5 | 13 | 3.1 | 0.7 | 0.366 | 0.042 | 1.43 |
| 451549 | < 0.1 | 0.4 | 2.3 | 0.3 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | 3.8 | 15 | 3.0 | 0.8 | 0.179 | 0.043 | 0.11 |
| 451553 | < 0.1 | 0.3 | 1.8 | 0.3 | 0.6 | 0.3 | < 0.001 | 0.10 | 3.4 | 5 | 6.2 | 1.0 | 0.112 | 0.017 | 0.16 |
| 451556 | < 0.1 | 0.3 | 2.2 | 0.3 | < 0.1 | < 0.1 | < 0.001 | 0.39 | 6.3 | 38 | 0.9 | 0.3 | 0.246 | 0.037 | 0.19 |
| 451557 | < 0.1 | 0.4 | 2.4 | 0.4 | < 0.1 | 0.1 | < 0.001 | 0.35 | 10.5 | 23 | 3.4 | 0.9 | 0.533 | 0.046 | 0.51 |
| 451558 | < 0.1 | 0.3 | 2.2 | 0.3 | 0.6 | 0.9 | < 0.001 | 0.33 | 24.6 | 15 | 3.2 | 0.9 | 0.455 | 0.059 | 2.22 |
| 451559 | < 0.1 | 0.3 | 1.8 | 0.3 | < 0.1 | 0.3 | < 0.001 | < 0.05 | 4.2 | 28 | 5.5 | 1.5 | 0.477 | 0.193 | 0.22 |

| Analyte Symbol | Li | Na | Mg | Al | K | Ca | Cd | V | Cr | Mn | Fe | Hf | Hg | Ni | Er | Be | Ho | Ag | Cs | Co | Eu | Bi | Se |
|-------------------------|-------|--------|--------|--------|--------|--------|-------|--------|-------|---------|--------|-------|---------|-------|-------|-------|-------|--------|--------|-------|--------|--------|-------|
| Unit Symbol | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 0.5 | 1 | 0.01 | 0.1 | 10 | 0.5 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.1 | 0.05 | 0.02 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 6.5 | 0.04 | 0.17 | 1.88 | 0.04 | 0.72 | 2.5 | 70 | 11.4 | 805 | 23.3 | 0.5 | 2530 | 37.0 | | 0.8 | | 30.3 | 2.57 | 7.9 | 0.64 | 1360 | 11.7 |
| GXR-1 Cert | 8.20 | 0.0520 | 0.217 | 3.52 | 0.050 | 0.960 | 3.30 | 80.0 | 12.0 | 852 | 23.6 | 0.960 | 3900 | 41.0 | | 1.22 | | 31.0 | 3.00 | 8.20 | 0.690 | 1380 | 16.6 |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-4 Meas | 11.3 | 0.56 | 1.77 | 7.21 | 3.10 | 0.94 | < 0.1 | 85 | 54.4 | 163 | 3.29 | 1.2 | < 10 | 41.5 | | 2.0 | | 3.51 | 2.56 | 15.4 | 1.48 | 17.8 | 4.2 |
| GXR-4 Cert | 11.1 | 0.564 | 1.66 | 7.20 | 4.01 | 1.01 | 0.860 | 87.0 | 64.0 | 155 | 3.09 | 6.30 | 110 | 42.0 | | 1.90 | | 4.00 | 2.80 | 14.6 | 1.63 | 19.0 | 5.60 |
| SDC-1 Meas | 35.3 | 1.59 | 0.93 | 5.97 | 2.02 | 0.71 | | 76 | 74.7 | 900 | 4.81 | 1.4 | 30 | 36.6 | 2.7 | 2.8 | 1.0 | | 3.31 | 18.2 | 1.02 | | |
| SDC-1 Cert | 34.0 | 1.52 | 1.02 | 8.34 | 2.72 | 1.00 | | 102.00 | 64.00 | 880.00 | 4.82 | 8.30 | 200.00 | 38.0 | 4.10 | 3.00 | 1.50 | | 4.00 | 18.0 | 1.70 | | |
| GXR-6 Meas | 34.1 | 0.09 | 0.56 | > 10.0 | 1.87 | 0.15 | < 0.1 | 84 | 59.7 | 1130 | 5.88 | 1.3 | 70 | 25.9 | | 1.2 | | 0.26 | 3.89 | 14.4 | 0.62 | 0.17 | < 0.1 |
| GXR-6 Cert | 32.0 | 0.104 | 0.609 | 17.7 | 1.87 | 0.180 | 1.00 | 186 | 96.0 | 1010 | 5.58 | 4.30 | 68.0 | 27.0 | | 1.40 | | 1.30 | 4.20 | 13.8 | 0.760 | 0.290 | 0.940 |
| DNC-1a Meas | 4.4 | | | | | | | 133 | 273 | | | | | 258 | | | | | | 56.4 | 0.58 | | |
| DNC-1a Cert | 5.2 | | | | | | | 148 | 270 | | | | | 247 | | | | | | 57 | 0.59 | | |
| SBC-1 Meas | 160 | | | | | | 0.3 | 201 | 94.6 | | | 3.3 | | 86.9 | 3.5 | 3.3 | 1.3 | | 7.49 | 22.6 | 1.84 | 0.62 | |
| SBC-1 Cert | 163 | | | | | | 0.40 | 220.0 | 109 | | | 3.7 | | 82.8 | 3.80 | 3.20 | 1.40 | | 8.2 | 22.7 | 1.98 | 0.70 | |
| OREAS 45d (4-Acid) Meas | 19.1 | 0.09 | 0.20 | 6.82 | 0.37 | 0.17 | | 99 | 555 | 457 | 13.9 | 1.6 | | 226 | 1.3 | 0.7 | 0.4 | | 3.35 | 30.5 | 0.56 | 0.29 | |
| OREAS 45d (4-Acid) Cert | 21.5 | 0.101 | 0.245 | 8.150 | 0.412 | 0.185 | | 235.0 | 549 | 490.000 | 14.5 | 3.830 | | 231.0 | 1.38 | 0.79 | 0.46 | | 3.910 | 29.50 | 0.57 | 0.31 | |
| SdAR-M2 (U.S.G.S.) Meas | 17.5 | | | | | | 4.9 | 24 | 43.1 | | | 1.5 | 1310 | 51.4 | 2.7 | 6.8 | 1.0 | | 1.69 | 14.2 | 1.29 | 0.99 | |
| SdAR-M2 (U.S.G.S.) Cert | 17.9 | | | | | | 5.1 | 25.2 | 49.6 | | | 7.29 | 1440.00 | 48.8 | 3.58 | 6.6 | 1.21 | | 1.82 | 12.4 | 1.44 | 1.05 | |
| 451501 Orig | 13.5 | 0.06 | 3.52 | 5.35 | 2.83 | 9.36 | 0.3 | 157 | 192 | 2060 | 7.92 | 1.0 | < 10 | 68.8 | 1.3 | 1.8 | 0.5 | 0.25 | 0.66 | 30.3 | 0.76 | 0.56 | < 0.1 |
| 451501 Dup | 13.4 | 0.06 | 3.55 | 5.68 | 2.83 | 9.58 | 0.3 | 160 | 177 | 2160 | 8.17 | 1.0 | < 10 | 72.4 | 1.3 | 1.8 | 0.5 | 0.24 | 0.72 | 30.5 | 0.77 | 0.62 | < 0.1 |
| Method Blank | < 0.5 | < 0.01 | < 0.01 | 0.04 | < 0.01 | < 0.01 | < 0.1 | < 1 | 1.4 | 27 | 0.01 | < 0.1 | < 10 | < 0.5 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.05 | < 0.1 | < 0.05 | < 0.02 | < 0.1 |
| Method Blank | < 0.5 | < 0.01 | < 0.01 | 0.01 | < 0.01 | < 0.01 | < 0.1 | < 1 | 6.8 | 21 | < 0.01 | < 0.1 | < 10 | < 0.5 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.05 | < 0.1 | < 0.05 | < 0.02 | < 0.1 |
| Method Blank | | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 0.5 | < 0.01 | < 0.01 | 0.01 | < 0.01 | < 0.01 | < 0.1 | < 1 | 6.0 | 22 | < 0.01 | < 0.1 | 10 | < 0.5 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.05 | < 0.1 | < 0.05 | 0.02 | < 0.1 |

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|----------------------------|--------|-------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 724 | 9.0 | 373 | 2.9 | 25.5 | 270 | 19 | 0.6 | 16.3 | 0.7 | 23 | 14.7 | 6.6 | 615 | 7.2 | 14.0 | | 8.4 | 2.7 | 4.2 | 0.7 | 4.7 | 1100 |
| GXR-1 Cert | 760 | 13.8 | 427 | 14.0 | 32.0 | 275 | 38.0 | 0.800 | 18.0 | 0.770 | 54.0 | 122 | 13.0 | 750 | 7.50 | 17.0 | | 18.0 | 2.70 | 4.20 | 0.830 | 4.30 | 1110 |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-4 Meas | 66.2 | 17.4 | 96.9 | 138 | 12.6 | 205 | 38 | 9.4 | 312 | 0.2 | 8 | 4.2 | 0.8 | 95 | 54.3 | 102 | | 41.0 | 6.6 | 4.7 | 0.5 | 2.8 | 6760 |
| GXR-4 Cert | 73.0 | 20.0 | 98.0 | 160 | 14.0 | 221 | 186 | 10.0 | 310 | 0.270 | 5.60 | 4.80 | 0.970 | 1640 | 64.5 | 102 | | 45.0 | 6.60 | 5.25 | 0.360 | 2.60 | 6520 |
| SDC-1 Meas | 96.4 | 20.9 | < 0.1 | 87.2 | | 130 | 44 | 5.0 | | | 2 | 0.3 | | 512 | 18.5 | 52.8 | | 21.9 | 5.1 | 4.5 | 0.7 | 4.4 | 31.1 |
| SDC-1 Cert | 103.00 | 21.00 | 0.220 | 127.00 | | 180.00 | 290.00 | 21.00 | | | 3.00 | 0.54 | | 630 | 42.00 | 93.00 | | 40.00 | 8.20 | 7.00 | 1.20 | 6.70 | 30.000 |
| GXR-6 Meas | 129 | 27.9 | 178 | 80.2 | 10.4 | 29.9 | 41 | < 0.1 | 0.11 | < 0.1 | < 1 | < 0.1 | < 0.1 | 1060 | 10.8 | 30.1 | | 11.2 | 2.5 | 2.4 | 0.4 | 2.2 | 74.7 |
| GXR-6 Cert | 118 | 35.0 | 330 | 90.0 | 14.0 | 35.0 | 110 | 7.50 | 2.40 | 0.260 | 1.70 | 3.60 | 0.0180 | 1300 | 13.9 | 36.0 | | 13.0 | 2.67 | 2.97 | 0.415 | 2.80 | 66.0 |
| DNC-1a Meas | 61.5 | 13.6 | | 3.0 | 14.4 | 136 | 37 | 1.4 | | | | 0.7 | | 93 | 3.4 | | | 4.7 | | | | | 99.4 |
| DNC-1a Cert | 70 | 15 | | 5 | 18.0 | 144 | 38.0 | 3 | | | | 0.96 | | 118 | 3.6 | | | 5.20 | | | | | 100 |
| SBC-1 Meas | 192 | 25.4 | 22.7 | 148 | 28.4 | 164 | 115 | 9.8 | 2.09 | | 3 | 1.0 | | 601 | 45.5 | 94.4 | 11.5 | 44.8 | 9.2 | 7.9 | 1.1 | 6.2 | 30.3 |
| SBC-1 Cert | 186 | 27.0 | 25.7 | 147 | 36.5 | 178.0 | 134.0 | 15.3 | 2.40 | | 3.3 | 1.01 | | 788.0 | 52.5 | 108.0 | 12.6 | 49.2 | 9.6 | 8.5 | 1.20 | 7.10 | 31.0000 |
| OREAS 45d (4-Acid) Meas | 35.8 | 20.1 | 3.7 | 38.6 | 9.0 | 26.0 | 60 | 0.1 | 0.33 | 0.1 | < 1 | < 0.1 | | 156 | 14.0 | 30.4 | 3.4 | 12.4 | 2.5 | 2.3 | 0.3 | 2.1 | 359 |
| OREAS 45d (4-Acid) Cert | 45.7 | 21.20 | 13.8 | 42.1 | 9.53 | 31.30 | 141 | 14.50 | 2.500 | 0.096 | 2.78 | 0.82 | | 183.0 | 16.9 | 37.20 | 3.70 | 13.4 | 2.80 | 2.42 | 0.400 | 2.26 | 371 |
| SdAR-M2 (U.S.G.S.) Meas | 805 | 17.2 | | 153 | 22.5 | 129 | 69 | 2.8 | 11.0 | | | | | 911 | 39.4 | 84.8 | 9.6 | 33.9 | 6.3 | 5.3 | 0.8 | 4.5 | 258 |
| SdAR-M2 (U.S.G.S.) Cert | 760 | 17.6 | | 149 | 32.7 | 144 | 259 | 26.2 | 13.3 | | | | | 990 | 46.6 | 98.8 | 11.0 | 39.4 | 7.18 | 6.28 | 0.97 | 5.88 | 236.00 00 |
| 451501 Orig | 65.9 | 8.5 | 21.0 | 87.0 | 9.6 | 283 | 31 | 0.7 | 0.30 | 0.1 | 2 | < 0.1 | < 0.1 | 619 | 3.2 | 7.7 | 1.1 | 4.8 | 1.7 | 2.3 | 0.4 | 2.4 | 63.5 |
| 451501 Dup | 73.0 | 9.1 | 16.0 | 90.0 | 9.8 | 286 | 32 | 0.3 | 0.27 | 0.2 | 1 | < 0.1 | < 0.1 | 640 | 3.1 | 7.5 | 1.1 | 4.9 | 1.6 | 2.6 | 0.4 | 2.4 | 67.3 |
| Method Blank | < 0.2 | 0.2 | < 0.1 | 0.3 | < 0.1 | < 0.2 | < 1 | < 0.1 | 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | 1 | 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | < 0.2 | 0.2 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 0.2 | 0.1 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | 0.09 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |

| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S |
|----------------------------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|-------|----------|---------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP |
| GXR-1 Meas | | 0.4 | 2.2 | 0.3 | < 0.1 | 133 | | 0.35 | 742 | 2 | 2.5 | 31.7 | 0.0264 | 0.060 | 0.24 |
| GXR-1 Cert | | 0.430 | 1.90 | 0.280 | 0.175 | 164 | | 0.390 | 730 | 1.58 | 2.44 | 34.9 | 0.036 | 0.0650 | 0.257 |
| DH-1a Meas | | | | | | | | | | | > 500 | 2230 | | | |
| DH-1a Cert | | | | | | | | | | | 910 | 2629 | | | |
| GXR-4 Meas | | 0.2 | 1.0 | 0.1 | 0.6 | 36.6 | | 3.13 | 49.1 | 9 | 19.1 | 5.4 | 0.290 | 0.133 | 1.80 |
| GXR-4 Cert | | 0.210 | 1.60 | 0.170 | 0.790 | 30.8 | | 3.20 | 52.0 | 7.70 | 22.5 | 6.20 | 0.29 | 0.120 | 1.77 |
| SDC-1 Meas | | 0.4 | 2.6 | | 0.3 | < 0.1 | | 0.57 | 23.6 | 14 | 6.5 | 1.9 | 0.491 | 0.057 | |
| SDC-1 Cert | | 0.65 | 4.00 | | 1.20 | 0.80 | | 0.70 | 25.00 | 17.00 | 12.00 | 3.10 | 0.606 | 0.0690 | |
| GXR-6 Meas | | | 1.6 | 0.3 | < 0.1 | < 0.1 | | 2.19 | 99.4 | 28 | 4.4 | 1.3 | | 0.032 | < 0.01 |
| GXR-6 Cert | | | 2.40 | 0.330 | 0.485 | 1.90 | | 2.20 | 101 | 27.6 | 5.30 | 1.54 | | 0.0350 | 0.0160 |
| DNC-1a Meas | | | 1.9 | | | | | | 6.0 | 33 | | | 0.290 | | |
| DNC-1a Cert | | | 2.0 | | | | | | 6.3 | 31 | | | 0.29 | | |
| SBC-1 Meas | | 0.5 | 3.3 | 0.5 | 0.6 | 1.5 | | 0.81 | 34.4 | 23 | 14.5 | 5.3 | 0.511 | | |
| SBC-1 Cert | | 0.56 | 3.64 | 0.54 | 1.10 | 1.60 | | 0.89 | 35.0 | 20.0 | 15.8 | 5.76 | 0.51 | | |
| OREAS 45d (4-Acid) Meas | | | 1.3 | 0.2 | < 0.1 | < 0.1 | | 0.19 | 20.3 | 51 | 12.3 | 2.5 | 0.317 | 0.032 | 0.03 |
| OREAS 45d (4-Acid) Cert | | | 1.33 | 0.18 | 1.02 | 1.62 | | 0.27 | 21.8 | 49.30 | 14.5 | 2.63 | 0.773 | 0.042 | 0.049 |
| SdAR-M2 (U.S.G.S.) Meas | | 0.4 | 2.6 | 0.4 | < 0.1 | 0.1 | | | 762 | 5 | 12.5 | 2.2 | | | |
| SdAR-M2 (U.S.G.S.) Cert | | 0.54 | 3.63 | 0.54 | 1.8 | 2.8 | | | 808 | 4.1 | 14.2 | 2.53 | | | |
| 451501 Orig | 0.3 | 0.2 | 1.4 | 0.2 | < 0.1 | 0.2 | < 0.001 | 0.21 | 5.1 | 30 | 0.2 | 0.4 | 0.336 | 0.012 | 0.10 |
| 451501 Dup | 0.4 | 0.2 | 1.4 | 0.2 | < 0.1 | 0.1 | < 0.001 | 0.21 | 5.0 | 30 | 0.2 | 0.3 | 0.324 | 0.012 | 0.10 |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | < 1 | 0.1 | < 0.1 | < 0.0005 | < 0.001 | < 0.01 |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | < 1 | < 0.1 | < 0.1 | < 0.0005 | < 0.001 | < 0.01 |
| Method Blank | | | | | | | | | | 1 | | | 0.0017 | < 0.001 | < 0.01 |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.001 | < 0.05 | < 0.5 | < 1 | < 0.1 | < 0.1 | 0.0009 | < 0.001 | < 0.01 |



Date Submitted: 14-Aug-17
Invoice No.: A17-08555-4C
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-08555-4C**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 14-Aug-17
Invoice No.: A17-08555-4C
Invoice Date: 11-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-08555-4C**

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.

CERTIFIED BY:



Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|----------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| 451509 | < 0.005 | 0.053 | < 0.003 | 70.40 | 11.18 | 5.86 | 0.048 | 1.10 | 1.69 | 0.26 | 3.71 | 0.29 | 0.04 | < 0.01 | 0.003 | 4.22 | 98.85 |
| 451510 | < 0.005 | 0.005 | < 0.003 | 73.17 | 11.68 | 4.96 | 0.028 | 0.54 | 1.39 | 3.60 | 1.91 | 0.30 | 0.05 | < 0.01 | < 0.003 | 2.09 | 99.73 |
| 451534 | < 0.005 | < 0.005 | 0.005 | 53.39 | 14.08 | 14.54 | 0.103 | 4.77 | 3.40 | 2.51 | 0.28 | 1.05 | 0.10 | 0.01 | 0.031 | 5.40 | 99.67 |
| 451535 | < 0.005 | < 0.005 | < 0.003 | 75.83 | 12.08 | 2.06 | 0.020 | 0.24 | 1.40 | 3.84 | 1.66 | 0.24 | 0.03 | < 0.01 | < 0.003 | 1.77 | 99.16 |
| 451540 | < 0.005 | < 0.005 | < 0.003 | 65.85 | 14.40 | 5.64 | 0.080 | 1.63 | 2.43 | 5.39 | 0.62 | 0.58 | 0.10 | < 0.01 | 0.013 | 2.57 | 99.31 |

| Analyte Symbol | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|------------------------------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| BE-N Meas | 0.007 | 0.010 | 0.033 | 38.31 | 10.03 | 13.10 | 0.197 | 13.06 | 14.12 | 3.18 | 1.38 | 2.69 | 1.05 | 0.05 | 0.045 | | |
| BE-N Cert | 0.008 | 0.009 | 0.034 | 38.2 | 10.1 | 12.8 | 0.200 | 13.1 | 13.9 | 3.18 | 1.39 | 2.61 | 1.05 | 0.0500 | 0.042 | | |
| AC-E Meas | | | | 70.36 | 14.80 | 2.57 | 0.057 | 0.01 | 0.36 | 6.49 | 4.55 | 0.11 | | | | | |
| AC-E Cert | | | | 70.35 | 14.70 | 2.56 | 0.058 | 0.03 | 0.34 | 6.54 | 4.49 | 0.11 | | | | | |
| BIR-1a Meas | | | | 47.61 | 15.34 | 11.72 | 0.171 | 9.76 | 13.45 | 1.82 | 0.03 | 0.98 | 0.03 | | | | |
| BIR-1a Cert | | | | 47.96 | 15.50 | 11.30 | 0.175 | 9.700 | 13.30 | 1.82 | 0.030 | 0.96 | 0.021 | | | | |
| NCS DC73304 (GBW 07106) Meas | | | | 90.19 | 3.58 | 3.24 | | 0.04 | 0.27 | 0.06 | 0.65 | | 0.22 | | | | |
| NCS DC73304 (GBW 07106) Cert | | | | 90.36 | 3.52 | 3.22 | | 0.082 | 0.30 | 0.061 | 0.65 | | 0.222 | | | | |
| 451540 Orig | < 0.005 | < 0.005 | < 0.003 | 65.71 | 14.34 | 5.63 | 0.082 | 1.61 | 2.43 | 5.37 | 0.62 | 0.58 | 0.10 | < 0.01 | 0.014 | 2.54 | 99.04 |
| 451540 Dup | < 0.005 | < 0.005 | < 0.003 | 65.99 | 14.46 | 5.66 | 0.078 | 1.64 | 2.43 | 5.41 | 0.62 | 0.58 | 0.10 | < 0.01 | 0.012 | 2.59 | 99.57 |
| Method Blank | < 0.005 | < 0.005 | < 0.003 | < 0.01 | < 0.01 | < 0.01 | < 0.001 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.003 | | |



Date Submitted: 28-Aug-17
Invoice No.: A17-09219-Au
Invoice Date: 29-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-09219-Au**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 28-Aug-17
Invoice No.: A17-09219-Au
Invoice Date: 29-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF
Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-09219-Au**

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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

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 |
| 451561 | < 0.005 |
| 451562 | < 0.005 |
| 451563 | 0.005 |
| 451564 | 0.005 |
| 451565 | 0.005 |
| 451566 | 0.012 |
| 451567 | < 0.005 |
| 451568 | 0.005 |
| 451569 | 0.022 |
| 451570 | < 0.005 |
| 451571 | < 0.005 |
| 451572 | < 0.005 |
| 451573 | < 0.005 |
| 451574 | < 0.005 |
| 451575 | < 0.005 |
| 451576 | < 0.005 |
| 451577 | < 0.005 |
| 451578 | < 0.005 |
| 451579 | < 0.005 |
| 451580 | < 0.005 |
| 451581 | < 0.005 |
| 451582 | 0.006 |
| 451583 | 0.007 |
| 451584 | 0.250 |
| 451585 | 1.228 |
| 451586 | 0.006 |
| 451587 | 0.006 |
| 451588 | < 0.005 |
| 451589 | 0.019 |
| 451590 | < 0.005 |
| 451591 | 0.026 |
| 451592 | 0.314 |
| 451593 | 0.025 |
| 451594 | 0.029 |
| 451595 | 0.180 |
| 451596 | < 0.005 |
| 451597 | 0.079 |
| 451598 | 0.019 |
| 451599 | 0.057 |
| 451600 | < 0.005 |
| 451601 | < 0.005 |
| 451602 | 1.289 |

| | |
|----------------|-------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| 451603 | 0.047 |
| 451604 | 0.005 |

| | |
|-------------------------------|---------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| OREAS 218 Meas | 0.522 |
| OREAS 218 Cert | 0.531 |
| OREAS 218 Meas | 0.538 |
| OREAS 218 Cert | 0.531 |
| OREAS 224 Meas | 2.183 |
| OREAS 224 Cert | 2.150 |
| OREAS 224 Meas | 2.146 |
| OREAS 224 Cert | 2.150 |
| 451570 Orig | < 0.005 |
| 451570 Dup | < 0.005 |
| 451580 Orig | < 0.005 |
| 451580 Dup | < 0.005 |
| 451590 Split Orig PREP DUP | < 0.005 |
| 451590 Split PREP DUP | < 0.005 |
| 451590 Orig | < 0.005 |
| 451590 Dup | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |



Date Submitted: 28-Aug-17
Invoice No.: A17-09219-TD
Invoice Date: 22-Nov-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-09219-TD**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat cursive, written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 28-Aug-17
Invoice No.: A17-09219-TD
Invoice Date: 22-Nov-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-09219-TD**

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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

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 | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu | Dy | Er | Eu | Fe | Ga | Gd | Ge | Hf | Hg | Ho |
|----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppb | ppm |
| Lower Limit | 0.05 | 0.01 | 0.1 | 1 | 0.1 | 0.02 | 0.01 | 0.1 | 0.1 | 0.1 | 0.5 | 0.05 | 0.2 | 0.1 | 0.1 | 0.05 | 0.01 | 0.1 | 0.1 | 0.1 | 0.1 | 10 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451561 | < 0.05 | 6.71 | < 0.1 | 88 | 0.4 | 0.10 | 4.14 | < 0.1 | 8.3 | 42.1 | 9.3 | 0.73 | 42.7 | 3.8 | 2.6 | 0.89 | 10.3 | 18.0 | 3.3 | 0.1 | 1.2 | 30 | 0.9 |
| 451562 | < 0.05 | 3.18 | < 0.1 | 14 | 0.1 | 0.06 | 0.45 | < 0.1 | 1.3 | 20.4 | 31.3 | 0.15 | 2.5 | 0.4 | 0.3 | 0.09 | 4.63 | 7.3 | 0.3 | 0.3 | 0.2 | 50 | < 0.1 |
| 451564 | < 0.05 | 7.57 | < 0.1 | 161 | 0.7 | 0.09 | 5.36 | < 0.1 | 29.7 | 21.5 | 23.7 | 0.37 | 2.0 | 2.8 | 1.7 | 0.69 | 4.45 | 16.0 | 2.9 | < 0.1 | 2.8 | 20 | 0.6 |
| 451565 | 0.83 | 4.53 | 7.0 | 119 | 0.4 | 14.2 | 0.69 | < 0.1 | 14.5 | 13.8 | 47.2 | 0.38 | 13.0 | 1.0 | 0.5 | 0.31 | 2.46 | 9.3 | 1.1 | 0.5 | 0.2 | 30 | 0.2 |
| 451566 | < 0.05 | 3.12 | 3.7 | 58 | 0.2 | 0.10 | 1.23 | < 0.1 | 5.3 | 7.8 | 65.3 | 0.31 | 2.2 | 0.6 | 0.5 | 0.20 | 3.08 | 7.3 | 0.7 | 0.8 | 0.3 | 20 | 0.1 |
| 451569 | 2.21 | 7.49 | 10.1 | 293 | 1.5 | 2.08 | 1.77 | 2.9 | 65.0 | 26.2 | 33.5 | 2.17 | 701 | 2.7 | 1.5 | 1.69 | 5.33 | 19.2 | 4.7 | < 0.1 | 5.7 | 50 | 0.5 |
| 451570 | 0.87 | 5.87 | 5.5 | 164 | 0.8 | 0.73 | 0.17 | 5.9 | 50.1 | 28.8 | 35.7 | 0.79 | 571 | 3.0 | 1.8 | 1.00 | 9.87 | 14.7 | 4.0 | < 0.1 | 5.3 | 80 | 0.6 |
| 451571 | 0.15 | 7.12 | 10.3 | 138 | 1.0 | 0.39 | 0.37 | 2.4 | 49.0 | 31.1 | 20.4 | 2.07 | 170 | 3.0 | 1.9 | 1.04 | 6.82 | 17.6 | 4.0 | < 0.1 | 5.6 | 50 | 0.7 |
| 451573 | < 0.05 | 6.80 | < 0.1 | 531 | 0.9 | 0.07 | 2.97 | < 0.1 | 43.4 | 13.8 | 20.6 | 1.49 | 11.6 | 3.7 | 2.2 | 0.91 | 4.60 | 14.4 | 4.0 | < 0.1 | 4.9 | 40 | 0.8 |
| 451575 | < 0.05 | 6.14 | 6.3 | 557 | 0.6 | 0.68 | 4.34 | 0.3 | 25.5 | 28.4 | 32.3 | 0.78 | 97.1 | 1.7 | 1.0 | 0.71 | 6.97 | 11.1 | 2.3 | < 0.1 | 2.3 | 40 | 0.4 |
| 451576 | < 0.05 | 7.58 | < 0.1 | 394 | 1.0 | 0.23 | 2.35 | < 0.1 | 47.7 | 13.2 | 9.2 | 0.40 | 17.0 | 4.2 | 2.5 | 1.15 | 5.16 | 17.7 | 4.6 | < 0.1 | 2.7 | 40 | 0.9 |
| 451577 | < 0.05 | 6.53 | < 0.1 | 285 | 0.9 | 0.05 | 1.10 | < 0.1 | 60.5 | 7.5 | 22.0 | 0.32 | 14.5 | 4.8 | 3.1 | 0.96 | 2.77 | 13.2 | 5.1 | < 0.1 | 0.5 | 30 | 1.1 |
| 451578 | < 0.05 | 8.32 | 8.3 | 435 | 1.4 | 0.74 | 1.46 | 0.1 | 34.4 | 33.4 | 45.1 | 0.17 | 38.6 | 3.6 | 2.1 | 0.75 | 6.93 | 17.0 | 3.4 | < 0.1 | 3.5 | 20 | 0.8 |
| 451580 | < 0.05 | 7.50 | < 0.1 | 586 | 2.1 | 0.14 | 3.85 | 0.1 | 122 | 26.4 | 43.9 | 4.87 | 36.8 | 5.7 | 2.5 | 3.40 | 6.47 | 15.9 | 10.1 | < 0.1 | 5.1 | 10 | 1.0 |
| 451582 | < 0.05 | 5.43 | < 0.1 | 221 | 0.9 | 0.36 | 5.73 | < 0.1 | 115 | 25.5 | 122 | 0.55 | 24.9 | 3.7 | 1.8 | 1.96 | 4.97 | 11.8 | 6.5 | < 0.1 | 3.5 | 10 | 0.7 |
| 451585 | 8.07 | 5.56 | < 0.1 | 335 | 1.7 | 2.22 | 0.15 | 2.2 | 61.0 | 15.0 | 21.0 | 1.00 | 4240 | 3.7 | 1.9 | 0.70 | 4.00 | 14.9 | 5.1 | < 0.1 | 6.6 | < 10 | 0.7 |
| 451587 | < 0.05 | 6.46 | < 0.1 | 352 | 1.8 | 0.22 | 0.31 | < 0.1 | 63.8 | 4.5 | 42.2 | 0.47 | 24.1 | 3.0 | 1.7 | 0.77 | 3.50 | 19.3 | 5.0 | < 0.1 | 7.8 | < 10 | 0.6 |
| 451589 | < 0.05 | 6.55 | < 0.1 | 570 | 2.0 | 0.38 | 0.11 | < 0.1 | 85.8 | 8.0 | 29.6 | 0.22 | 314 | 2.9 | 1.4 | 0.75 | 2.16 | 19.2 | 5.3 | < 0.1 | 7.9 | < 10 | 0.6 |
| 451590 | < 0.05 | 7.07 | < 0.1 | 1180 | 1.8 | 0.15 | 0.13 | < 0.1 | 14.6 | 2.9 | 19.5 | 0.38 | 14.9 | 3.8 | 2.9 | 0.27 | 2.38 | 17.9 | 2.5 | 0.2 | 7.7 | < 10 | 0.9 |
| 451591 | 0.11 | 7.37 | < 0.1 | 48 | 0.8 | 0.14 | 4.39 | < 0.1 | 27.3 | 30.1 | 221 | 0.20 | 178 | 2.7 | 1.7 | 0.81 | 5.98 | 15.1 | 2.9 | < 0.1 | 1.5 | 30 | 0.6 |
| 451592 | 0.34 | 5.44 | 7.3 | 903 | 1.6 | 0.95 | 0.76 | < 0.1 | 7.8 | 16.0 | 27.7 | 0.72 | 1260 | 0.9 | 0.6 | 0.23 | 3.33 | 13.7 | 0.9 | < 0.1 | 5.4 | 30 | 0.2 |
| 451593 | < 0.05 | 7.20 | 41.4 | 125 | 1.7 | 0.68 | 0.05 | < 0.1 | 7.9 | 6.9 | 24.9 | 0.82 | 23.2 | 1.7 | 1.2 | 0.16 | 4.10 | 22.2 | 1.1 | < 0.1 | 5.8 | 20 | 0.4 |
| 451594 | 0.14 | 6.79 | < 0.1 | 406 | 1.5 | 0.16 | 1.36 | 0.1 | 37.5 | 4.1 | 20.0 | 0.66 | 343 | 2.6 | 1.5 | 0.70 | 2.51 | 17.6 | 3.5 | < 0.1 | 7.2 | 30 | 0.6 |
| 451597 | 1.27 | 6.17 | < 0.1 | 525 | 1.5 | 0.14 | 0.82 | 0.3 | 20.3 | 5.9 | 28.5 | 0.48 | 1030 | 1.7 | 1.1 | 0.38 | 2.57 | 17.3 | 2.1 | < 0.1 | 7.0 | < 10 | 0.4 |
| 451600 | < 0.05 | 6.16 | 0.4 | 454 | 1.3 | 0.04 | 0.57 | < 0.1 | 26.3 | 3.7 | 26.9 | 0.23 | 10.2 | 1.7 | 1.1 | 0.35 | 1.50 | 16.5 | 1.9 | < 0.1 | 4.7 | < 10 | 0.4 |
| 451601 | < 0.05 | 6.62 | 13.3 | 135 | 0.9 | 0.16 | 3.93 | < 0.1 | 55.6 | 24.9 | 22.4 | 0.46 | 67.7 | 6.7 | 3.7 | 1.61 | 5.67 | 20.7 | 6.8 | < 0.1 | 2.4 | < 10 | 1.4 |
| 451602 | 0.32 | 2.46 | 0.9 | 53 | 1.1 | 1.50 | 0.06 | < 0.1 | 5.8 | 11.4 | 49.9 | 0.25 | > 10000 | 1.6 | 1.0 | 0.13 | 5.75 | 9.4 | 1.1 | < 0.1 | 3.4 | < 10 | 0.3 |
| 451604 | < 0.05 | 5.63 | < 0.1 | 161 | 1.6 | 0.12 | 1.00 | < 0.1 | 63.2 | 4.5 | 27.8 | 0.08 | 49.6 | 13.0 | 7.2 | 1.03 | 2.88 | 17.4 | 13.8 | < 0.1 | 4.7 | < 10 | 2.8 |

| Analyte Symbol | In | K | La | Li | Lu | Mg | Mn | Mo | Na | Nb | Nd | Ni | P | Pb | Pr | Rb | Re | S | Sb | Sc | Se | Sm | Sn |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|---------|--------|-------|--------|-------|-------|-------|
| Unit Symbol | ppm | % | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.1 | 0.01 | 0.1 | 0.5 | 0.1 | 0.01 | 1 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 | 0.001 | 0.5 | 0.1 | 0.2 | 0.001 | 0.01 | 0.1 | 1 | 0.1 | 0.1 | 1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS |
| 451561 | < 0.1 | 0.22 | 3.0 | 10.1 | 0.4 | 2.96 | 1710 | 0.12 | 2.94 | < 0.1 | 7.8 | 20.6 | 0.018 | 1.3 | 1.4 | 8.6 | < 0.001 | 0.02 | < 0.1 | 47 | < 0.1 | 2.2 | < 1 |
| 451562 | < 0.1 | 0.03 | 0.4 | 12.1 | < 0.1 | 2.03 | 535 | 1.47 | 0.50 | 0.7 | 0.9 | 25.4 | 0.011 | 1.0 | 0.2 | 0.9 | < 0.001 | < 0.01 | < 0.1 | 17 | 0.2 | 0.3 | < 1 |
| 451564 | < 0.1 | 0.70 | 14.8 | 17.9 | 0.2 | 0.32 | 547 | 0.45 | 2.30 | 5.7 | 14.9 | 24.2 | 0.034 | 3.0 | 3.4 | 23.8 | < 0.001 | 0.41 | < 0.1 | 14 | 0.4 | 2.6 | 1 |
| 451565 | < 0.1 | 0.56 | 6.9 | 4.8 | < 0.1 | 0.23 | 549 | 2.80 | 0.53 | 1.0 | 7.1 | 15.4 | 0.015 | 3.9 | 1.6 | 15.6 | < 0.001 | < 0.01 | 0.2 | 8 | 0.2 | 1.1 | < 1 |
| 451566 | < 0.1 | 0.30 | 2.5 | 3.6 | < 0.1 | 0.24 | 766 | 3.37 | 0.19 | 2.0 | 3.0 | 15.3 | 0.015 | 1.2 | 0.6 | 8.4 | < 0.001 | < 0.01 | 0.8 | 6 | 0.1 | 0.6 | < 1 |
| 451569 | 0.2 | 2.26 | 30.8 | 10.7 | 0.3 | 1.20 | 2770 | 2.78 | 0.24 | 11.5 | 36.0 | 50.3 | 0.070 | 116 | 8.0 | 61.4 | < 0.001 | 0.58 | 1.6 | 18 | 15.5 | 5.2 | 6 |
| 451570 | 0.2 | 0.83 | 24.7 | 33.7 | 0.3 | 1.93 | 5460 | 2.64 | 0.10 | 9.5 | 25.7 | 6.9 | 0.058 | 179 | 5.9 | 26.1 | < 0.001 | 1.30 | 1.5 | 12 | 89.7 | 4.0 | 3 |
| 451571 | 0.1 | 2.23 | 24.5 | 31.5 | 0.3 | 1.40 | 3330 | 0.82 | 0.26 | 10.7 | 26.4 | 14.3 | 0.053 | 40.0 | 6.1 | 64.1 | < 0.001 | 1.22 | 1.2 | 15 | 8.6 | 4.3 | 4 |
| 451573 | < 0.1 | 1.41 | 20.0 | 28.3 | 0.3 | 1.81 | 793 | 0.60 | 0.62 | 7.9 | 23.2 | 23.4 | 0.035 | 3.6 | 5.3 | 41.3 | < 0.001 | 0.05 | 0.3 | 13 | < 0.1 | 4.0 | 2 |
| 451575 | < 0.1 | 1.12 | 11.5 | 23.5 | 0.2 | 2.78 | 2420 | 0.49 | 1.09 | 1.5 | 14.9 | 30.7 | 0.037 | 2.6 | 3.2 | 29.0 | < 0.001 | 0.24 | 0.2 | 17 | 1.7 | 2.4 | 1 |
| 451576 | < 0.1 | 0.92 | 22.6 | 15.6 | 0.4 | 1.25 | 728 | 0.05 | > 3.00 | 0.3 | 25.3 | 1.3 | 0.046 | 2.6 | 5.7 | 22.6 | < 0.001 | 0.17 | < 0.1 | 14 | < 0.1 | 4.6 | 1 |
| 451577 | < 0.1 | 0.86 | 28.1 | 12.3 | 0.4 | 1.37 | 531 | 0.66 | > 3.00 | 1.2 | 30.9 | 7.0 | 0.019 | 2.0 | 7.4 | 18.8 | < 0.001 | < 0.01 | < 0.1 | 8 | < 0.1 | 5.1 | 2 |
| 451578 | < 0.1 | 0.77 | 16.1 | 33.7 | 0.3 | 3.91 | 929 | 0.48 | 2.46 | 6.5 | 18.3 | 50.9 | 0.047 | 10.6 | 4.2 | 14.0 | < 0.001 | 0.70 | 0.2 | 23 | 2.4 | 2.9 | 2 |
| 451580 | < 0.1 | 1.47 | 54.9 | 13.8 | 0.3 | 2.63 | 1160 | 0.46 | > 3.00 | 3.1 | 77.6 | 18.8 | 0.273 | 7.8 | 16.4 | 59.4 | < 0.001 | 0.13 | < 0.1 | 19 | < 0.1 | 12.5 | < 1 |
| 451582 | < 0.1 | 0.68 | 52.5 | 45.2 | 0.2 | 2.77 | 772 | 1.17 | 2.43 | 6.1 | 67.1 | 148 | 0.094 | 1.7 | 14.7 | 20.3 | < 0.001 | 0.62 | 0.2 | 15 | 0.1 | 8.1 | 2 |
| 451585 | 0.5 | 3.18 | 29.5 | 14.0 | 0.3 | 0.34 | 206 | 3.93 | 0.17 | 11.8 | 30.9 | 7.9 | 0.009 | 5.2 | 7.2 | 75.6 | < 0.001 | 0.73 | 0.2 | 6 | 2.0 | 5.3 | 15 |
| 451587 | < 0.1 | 1.73 | 30.5 | 11.1 | 0.3 | 0.39 | 221 | 2.41 | 2.93 | 15.6 | 33.5 | 2.0 | 0.019 | 3.5 | 7.8 | 48.8 | < 0.001 | 0.21 | 0.3 | 6 | < 0.1 | 5.7 | 5 |
| 451589 | < 0.1 | 2.00 | 40.5 | 8.2 | 0.2 | 0.12 | 78 | 1.54 | > 3.00 | 14.2 | 41.8 | 2.3 | 0.023 | 5.1 | 9.9 | 36.7 | < 0.001 | 0.47 | 0.1 | 6 | 0.2 | 6.4 | 8 |
| 451590 | < 0.1 | 2.40 | 6.4 | 10.3 | 0.3 | 0.30 | 121 | 0.80 | 0.77 | 9.5 | 6.8 | 2.9 | 0.020 | 4.3 | 1.7 | 46.6 | < 0.001 | 0.06 | 0.2 | 6 | < 0.1 | 1.5 | 6 |
| 451591 | < 0.1 | 0.27 | 12.0 | 19.1 | 0.2 | 3.34 | 1150 | 0.08 | > 3.00 | < 0.1 | 14.3 | 59.6 | 0.046 | 2.1 | 3.3 | 8.4 | < 0.001 | 0.12 | < 0.1 | 28 | 0.3 | 2.5 | < 1 |
| 451592 | 0.2 | 2.09 | 3.7 | 9.6 | 0.1 | 0.67 | 284 | 1.70 | 0.09 | 2.2 | 4.0 | 4.8 | 0.010 | 1.7 | 0.9 | 57.8 | < 0.001 | 0.39 | 0.1 | 3 | 1.5 | 0.7 | 5 |
| 451593 | < 0.1 | 3.77 | 3.7 | 11.7 | 0.2 | 0.40 | 112 | 1.06 | 0.09 | 10.6 | 3.8 | 4.3 | 0.022 | 3.6 | 0.9 | 102 | < 0.001 | 1.13 | 0.1 | 6 | 0.9 | 1.0 | 16 |
| 451594 | < 0.1 | 1.74 | 16.6 | 10.0 | 0.3 | 0.33 | 581 | 0.77 | 2.42 | 3.6 | 22.2 | 3.9 | 0.020 | 3.2 | 4.9 | 55.6 | < 0.001 | 0.10 | < 0.1 | 2 | 0.2 | 3.6 | 6 |
| 451597 | 0.1 | 1.86 | 8.6 | 9.9 | 0.2 | 0.23 | 251 | 1.40 | > 3.00 | 11.1 | 11.7 | 6.6 | 0.017 | 3.3 | 2.5 | 50.0 | < 0.001 | 0.14 | 0.1 | 5 | 0.4 | 2.4 | 6 |
| 451600 | < 0.1 | 1.61 | 14.5 | 4.9 | 0.2 | 0.21 | 183 | 1.36 | > 3.00 | 7.9 | 12.8 | 6.8 | 0.016 | 1.1 | 3.2 | 39.5 | < 0.001 | < 0.01 | < 0.1 | 5 | < 0.1 | 2.2 | 2 |
| 451601 | < 0.1 | 0.62 | 27.4 | 11.2 | 0.5 | 0.68 | 875 | 0.43 | > 3.00 | 1.7 | 29.8 | 2.3 | 0.105 | 2.7 | 6.7 | 16.7 | < 0.001 | 0.07 | < 0.1 | 15 | < 0.1 | 5.4 | 2 |
| 451602 | 0.6 | 0.96 | 2.3 | 3.7 | 0.2 | 0.19 | 135 | 3.40 | 0.65 | 7.5 | 3.2 | 12.7 | 0.011 | 2.5 | 0.7 | 36.1 | < 0.001 | 1.66 | 0.5 | 3 | 1.0 | 0.6 | 5 |
| 451604 | < 0.1 | 0.22 | 23.6 | 3.3 | 0.9 | 0.29 | 261 | 1.55 | > 3.00 | 11.2 | 50.2 | 1.6 | 0.096 | 3.4 | 9.3 | 2.8 | < 0.001 | 0.06 | < 0.1 | 8 | < 0.1 | 9.8 | 1 |

| Analyte Symbol | Sr | Ta | Tb | Te | Th | Ti | Tl | Tm | U | V | W | Y | Yb | Zn | Zr |
|----------------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0005 | 0.05 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.2 | 1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451561 | 70.0 | < 0.1 | 0.6 | < 0.1 | 0.3 | 0.259 | 0.07 | 0.4 | < 0.1 | 229 | < 0.1 | 23.7 | 2.8 | 100 | 45 |
| 451562 | 10.6 | < 0.1 | < 0.1 | < 0.1 | 0.2 | 0.117 | < 0.05 | < 0.1 | < 0.1 | 147 | 0.1 | 2.5 | 0.3 | 45.8 | 10 |
| 451564 | 152 | 0.3 | 0.5 | < 0.1 | 3.2 | 0.281 | 0.13 | 0.2 | 0.7 | 90 | 0.2 | 15.7 | 1.6 | 20.3 | 117 |
| 451565 | 91.0 | < 0.1 | 0.2 | 4.8 | 1.7 | 0.148 | 0.10 | < 0.1 | 0.4 | 50 | 0.1 | 5.1 | 0.7 | 32.3 | 18 |
| 451566 | 35.7 | < 0.1 | < 0.1 | < 0.1 | 1.1 | 0.110 | 0.06 | < 0.1 | 0.3 | 43 | 0.2 | 3.7 | 0.5 | 28.1 | 23 |
| 451569 | 104 | 0.6 | 0.6 | 0.1 | 5.1 | 0.454 | 0.48 | 0.2 | 1.0 | 162 | 2.1 | 13.3 | 1.9 | 2400 | 236 |
| 451570 | 59.0 | 0.6 | 0.5 | < 0.1 | 4.3 | 0.385 | 0.19 | 0.3 | 1.0 | 63 | 0.9 | 16.5 | 2.2 | 2990 | 220 |
| 451571 | 113 | 0.7 | 0.5 | < 0.1 | 4.4 | 0.453 | 0.44 | 0.3 | 1.0 | 86 | 0.8 | 18.0 | 2.3 | 836 | 232 |
| 451573 | 212 | 0.4 | 0.6 | < 0.1 | 4.0 | 0.337 | 0.30 | 0.3 | 0.9 | 88 | 0.2 | 19.5 | 2.4 | 62.6 | 202 |
| 451575 | 96.6 | < 0.1 | 0.3 | < 0.1 | 2.2 | 0.320 | 0.21 | 0.2 | 0.5 | 99 | 0.2 | 8.8 | 1.2 | 120 | 91 |
| 451576 | 125 | < 0.1 | 0.7 | < 0.1 | 4.9 | 0.178 | 0.14 | 0.4 | 1.1 | 39 | < 0.1 | 22.9 | 2.7 | 78.0 | 116 |
| 451577 | 86.8 | < 0.1 | 0.8 | < 0.1 | 6.9 | 0.211 | 0.13 | 0.5 | 1.5 | 24 | < 0.1 | 29.5 | 3.2 | 48.9 | 55 |
| 451578 | 150 | 0.4 | 0.6 | 0.1 | 2.9 | 0.463 | 0.08 | 0.3 | 0.6 | 162 | 0.4 | 20.6 | 2.2 | 155 | 142 |
| 451580 | 419 | < 0.1 | 1.2 | < 0.1 | 5.5 | 0.478 | 0.50 | 0.3 | 1.4 | 168 | 0.2 | 26.7 | 2.2 | 133 | 235 |
| 451582 | 173 | 0.5 | 0.7 | < 0.1 | 7.5 | 0.293 | 0.09 | 0.3 | 1.2 | 98 | 0.7 | 17.5 | 1.8 | 56.5 | 117 |
| 451585 | 30.1 | 0.8 | 0.7 | 0.6 | 6.7 | 0.169 | 0.27 | 0.3 | 2.8 | 7 | 2.3 | 17.8 | 1.8 | 259 | 227 |
| 451587 | 58.8 | 1.1 | 0.6 | < 0.1 | 9.2 | 0.209 | 0.14 | 0.3 | 1.7 | 9 | 1.0 | 16.4 | 2.0 | 26.0 | 281 |
| 451589 | 108 | 1.2 | 0.6 | < 0.1 | 9.1 | 0.226 | 0.11 | 0.2 | 1.4 | 10 | 1.6 | 14.2 | 1.6 | 11.2 | 277 |
| 451590 | 26.7 | 0.5 | 0.5 | < 0.1 | 10.4 | 0.214 | 0.16 | 0.4 | 1.9 | 17 | 0.5 | 24.2 | 3.1 | 13.5 | 282 |
| 451591 | 104 | < 0.1 | 0.4 | < 0.1 | 2.7 | 0.146 | < 0.05 | 0.2 | 0.5 | 68 | < 0.1 | 15.5 | 1.7 | 128 | 57 |
| 451592 | 26.4 | 0.3 | 0.1 | 0.5 | 4.9 | 0.147 | 0.22 | 0.1 | 0.9 | 14 | 1.5 | 5.6 | 0.8 | 23.6 | 203 |
| 451593 | 25.8 | 0.8 | 0.2 | < 0.1 | 6.6 | 0.176 | 0.32 | 0.2 | 1.9 | 20 | 2.6 | 10.3 | 1.5 | 17.8 | 219 |
| 451594 | 52.4 | 0.2 | 0.5 | < 0.1 | 9.8 | 0.166 | 0.25 | 0.2 | 1.8 | 8 | 0.2 | 15.0 | 1.8 | 44.9 | 255 |
| 451597 | 83.0 | 0.9 | 0.3 | < 0.1 | 6.9 | 0.196 | 0.19 | 0.2 | 1.4 | 15 | 0.6 | 10.3 | 1.3 | 33.3 | 255 |
| 451600 | 61.1 | 0.6 | 0.3 | < 0.1 | 3.2 | 0.145 | 0.13 | 0.2 | 0.5 | 28 | 0.7 | 10.9 | 1.2 | 13.8 | 171 |
| 451601 | 217 | < 0.1 | 1.1 | < 0.1 | 3.2 | 0.491 | 0.11 | 0.5 | 0.6 | 19 | < 0.1 | 35.9 | 3.7 | 34.9 | 92 |
| 451602 | 11.5 | 0.5 | 0.2 | 0.1 | 3.0 | 0.0969 | 0.10 | 0.2 | 0.6 | 6 | 0.8 | 9.4 | 1.2 | 14.9 | 122 |
| 451604 | 345 | 0.5 | 2.2 | < 0.1 | 9.2 | 0.170 | < 0.05 | 1.0 | 1.5 | 7 | 0.3 | 76.5 | 6.7 | 17.9 | 220 |

| Analyte Symbol | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu | Dy | Er | Eu | Fe | Ga | Gd | Ge | Hf | Hg | Ho |
|----------------------------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|-------|--------|-------|
| Unit Symbol | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppb | ppm |
| Lower Limit | 0.05 | 0.01 | 0.1 | 1 | 0.1 | 0.02 | 0.01 | 0.1 | 0.1 | 0.1 | 0.5 | 0.05 | 0.2 | 0.1 | 0.1 | 0.05 | 0.01 | 0.1 | 0.1 | 0.1 | 0.1 | 10 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 33.6 | 1.88 | 492 | 718 | 0.9 | 1330 | 0.87 | 2.7 | 15.5 | 8.4 | 19.4 | 2.83 | 1190 | 4.5 | | 0.63 | 26.2 | 9.1 | 4.1 | | 0.2 | 2230 | |
| GXR-1 Cert | 31.0 | 3.52 | 427 | 750 | 1.22 | 1380 | 0.960 | 3.30 | 17.0 | 8.20 | 12.0 | 3.00 | 1110 | 4.30 | | 0.690 | 23.6 | 13.8 | 4.20 | | 0.960 | 3900 | |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-4 Meas | 3.44 | 6.71 | 108 | 120 | 2.1 | 19.1 | 0.96 | 0.3 | 100 | 14.1 | 59.3 | 2.54 | 6400 | 2.6 | | 1.43 | 3.23 | 17.9 | 4.8 | | 1.3 | 80 | |
| GXR-4 Cert | 4.00 | 7.20 | 98.0 | 1640 | 1.90 | 19.0 | 1.01 | 0.860 | 102 | 14.6 | 64.0 | 2.80 | 6520 | 2.60 | | 1.63 | 3.09 | 20.0 | 5.25 | | 6.30 | 110 | |
| SDC-1 Meas | | 8.41 | < 0.1 | 682 | 2.9 | | 0.98 | | 88.4 | 17.9 | 62.7 | 3.92 | 32.0 | 6.0 | 3.4 | 1.55 | 5.20 | 20.5 | 6.8 | | 1.3 | 10 | 1.3 |
| SDC-1 Cert | | 8.34 | 0.220 | 630 | 3.00 | | 1.00 | | 93.00 | 18.0 | 64.00 | 4.00 | 30.000 | 6.70 | 4.10 | 1.70 | 4.82 | 21.00 | 7.00 | | 8.30 | 200.00 | 1.50 |
| GXR-6 Meas | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-6 Cert | | | | | | | | | | | | | | | | | | | | | | | |
| DNC-1a Meas | | | | 105 | | | | | | 54.4 | 237 | | 104 | | | 0.56 | | 13.0 | | | | | |
| DNC-1a Cert | | | | 118 | | | | | | 57 | 270 | | 100 | | | 0.59 | | 15 | | | | | |
| OREAS 45d (4-Acid) Meas | | 7.70 | 3.7 | 196 | 0.7 | 0.52 | 0.17 | | 37.5 | 28.7 | 550 | 3.71 | 404 | 2.3 | 1.3 | 0.64 | 14.9 | 21.0 | 2.6 | | 2.0 | | 0.5 |
| OREAS 45d (4-Acid) Cert | | 8.150 | 13.8 | 183.0 | 0.79 | 0.31 | 0.185 | | 37.20 | 29.50 | 549 | 3.910 | 371 | 2.26 | 1.38 | 0.57 | 14.5 | 21.20 | 2.42 | | 3.830 | | 0.46 |
| SdAR-M2 (U.S.G.S.) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| SdAR-M2 (U.S.G.S.) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| 451561 Orig | < 0.05 | 6.71 | < 0.1 | 88 | 0.4 | 0.09 | 4.14 | < 0.1 | 8.3 | 42.7 | 8.8 | 0.74 | 43.3 | 3.9 | 2.6 | 0.88 | 10.3 | 18.1 | 3.3 | 0.1 | 1.2 | 30 | 0.9 |
| 451561 Dup | < 0.05 | 6.71 | < 0.1 | 89 | 0.4 | 0.11 | 4.13 | < 0.1 | 8.3 | 41.5 | 9.9 | 0.72 | 42.0 | 3.8 | 2.7 | 0.90 | 10.3 | 17.9 | 3.2 | 0.1 | 1.2 | 20 | 0.9 |
| 451590 Split Orig PREP DUP | < 0.05 | 7.07 | < 0.1 | 1180 | 1.8 | 0.15 | 0.13 | < 0.1 | 14.6 | 2.9 | 19.5 | 0.38 | 14.9 | 3.8 | 2.9 | 0.27 | 2.38 | 17.9 | 2.5 | 0.2 | 7.7 | < 10 | 0.9 |
| 451590 Split PREP DUP | < 0.05 | 6.84 | < 0.1 | 1130 | 1.8 | 0.17 | 0.13 | < 0.1 | 7.6 | 3.2 | 23.5 | 0.44 | 16.8 | 3.9 | 2.9 | 0.26 | 2.27 | 18.2 | 2.4 | < 0.1 | 7.9 | 30 | 1.0 |
| Method Blank | < 0.05 | 0.02 | < 0.1 | < 1 | < 0.1 | 0.03 | < 0.01 | < 0.1 | 0.2 | < 0.1 | 11.0 | < 0.05 | < 0.2 | < 0.1 | < 0.1 | < 0.05 | < 0.01 | 0.1 | < 0.1 | < 0.1 | < 0.1 | 50 | < 0.1 |
| Method Blank | < 0.05 | < 0.01 | < 0.1 | < 1 | < 0.1 | 0.02 | < 0.01 | < 0.1 | < 0.1 | < 0.1 | 17.2 | < 0.05 | < 0.2 | < 0.1 | < 0.1 | < 0.05 | < 0.01 | 0.1 | < 0.1 | < 0.1 | < 0.1 | 30 | < 0.1 |

| Analyte Symbol | In | K | La | Li | Lu | Mg | Mn | Mo | Na | Nb | Nd | Ni | P | Pb | Pr | Rb | Re | S | Sb | Sc | Se | Sm | Sn |
|----------------------------|-------|--------|-------|-------|-------|--------|---------|--------|--------|-------|-------|-------|---------|-------|-------|--------|---------|--------|-------|--------|-------|-------|-------|
| Unit Symbol | ppm | % | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.1 | 0.01 | 0.1 | 0.5 | 0.1 | 0.01 | 1 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 | 0.001 | 0.5 | 0.1 | 0.2 | 0.001 | 0.01 | 0.1 | 1 | 0.1 | 0.1 | 1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 0.9 | 0.04 | 7.8 | 7.1 | 0.3 | 0.21 | 914 | 18.8 | 0.04 | 0.7 | 10.0 | 40.7 | 0.059 | 699 | | 2.7 | | 0.26 | 44.5 | 2 | 17.4 | 2.3 | 31 |
| GXR-1 Cert | 0.770 | 0.050 | 7.50 | 8.20 | 0.280 | 0.217 | 852 | 18.0 | 0.0520 | 0.800 | 18.0 | 41.0 | 0.0650 | 730 | | 14.0 | | 0.257 | 122 | 1.58 | 16.6 | 2.70 | 54.0 |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-4 Meas | 0.2 | 4.54 | 57.7 | 11.5 | 0.1 | 1.79 | 171 | 314 | 0.56 | 10.5 | 46.4 | 40.0 | 0.131 | 50.4 | | 132 | | 1.81 | 4.7 | 8 | 6.1 | 5.9 | 8 |
| GXR-4 Cert | 0.270 | 4.01 | 64.5 | 11.1 | 0.170 | 1.66 | 155 | 310 | 0.564 | 10.0 | 45.0 | 42.0 | 0.120 | 52.0 | | 160 | | 1.77 | 4.80 | 7.70 | 5.60 | 6.60 | 5.60 |
| SDC-1 Meas | | 2.70 | 41.8 | 36.0 | | 1.06 | 934 | | 1.65 | 2.4 | 45.4 | 35.8 | | 25.3 | | 100 | | | 0.2 | | | 6.7 | 1 |
| SDC-1 Cert | | 2.72 | 42.00 | 34.0 | | 1.02 | 880.00 | | 1.52 | 21.00 | 40.00 | 38.0 | | 25.00 | | 127.00 | | | 0.54 | | | 8.20 | 3.00 |
| GXR-6 Meas | | | | | | | | | | | | | 0.036 | | | | | 0.02 | | | 30 | | |
| GXR-6 Cert | | | | | | | | | | | | | 0.0350 | | | | | 0.0160 | | | 27.6 | | |
| DNC-1a Meas | | | 3.6 | 4.4 | | | | | | 1.3 | 5.5 | 260 | | 5.9 | | 3.2 | | | 0.3 | 31 | | | |
| DNC-1a Cert | | | 3.6 | 5.2 | | | | | | 3 | 5.20 | 247 | | 6.3 | | 5 | | | 0.96 | 31 | | | |
| OREAS 45d (4-Acid) Meas | 0.1 | 0.45 | 17.6 | 20.4 | 0.2 | 0.25 | 502 | 0.52 | 0.09 | 0.1 | 16.3 | 230 | 0.034 | 21.8 | 4.0 | 39.6 | | 0.05 | < 0.1 | 57 | | 2.5 | < 1 |
| OREAS 45d (4-Acid) Cert | 0.096 | 0.412 | 16.9 | 21.5 | 0.18 | 0.245 | 490.000 | 2.500 | 0.101 | 14.50 | 13.4 | 231.0 | 0.042 | 21.8 | 3.70 | 42.1 | | 0.049 | 0.82 | 49.30 | | 2.80 | 2.78 |
| SdAR-M2 (U.S.G.S.) Meas | | | | | | | | | | | | | | | | | | | | | 4 | | |
| SdAR-M2 (U.S.G.S.) Cert | | | | | | | | | | | | | | | | | | | | | 4.1 | | |
| 451561 Orig | < 0.1 | 0.22 | 3.0 | 10.2 | 0.4 | 2.97 | 1680 | 0.12 | 2.96 | < 0.1 | 7.7 | 20.8 | 0.018 | 1.2 | 1.4 | 8.7 | < 0.001 | 0.02 | < 0.1 | 48 | < 0.1 | 2.1 | < 1 |
| 451561 Dup | < 0.1 | 0.22 | 3.0 | 10.1 | 0.3 | 2.95 | 1730 | 0.13 | 2.93 | < 0.1 | 7.9 | 20.5 | 0.019 | 1.3 | 1.3 | 8.6 | < 0.001 | 0.02 | < 0.1 | 47 | < 0.1 | 2.3 | < 1 |
| 451590 Split Orig PREP DUP | < 0.1 | 2.40 | 6.4 | 10.3 | 0.3 | 0.30 | 121 | 0.80 | 0.77 | 9.5 | 6.8 | 2.9 | 0.020 | 4.3 | 1.7 | 46.6 | < 0.001 | 0.06 | 0.2 | 6 | < 0.1 | 1.5 | 6 |
| 451590 Split PREP DUP | < 0.1 | 1.96 | 3.1 | 10.5 | 0.4 | 0.30 | 108 | 0.90 | 0.73 | 10.7 | 4.4 | 2.8 | 0.021 | 4.5 | 0.9 | 47.3 | < 0.001 | 0.05 | 0.2 | 6 | < 0.1 | 1.4 | 6 |
| Method Blank | < 0.1 | < 0.01 | < 0.1 | < 0.5 | < 0.1 | < 0.01 | 6 | < 0.05 | < 0.01 | < 0.1 | < 0.1 | < 0.5 | < 0.001 | < 0.5 | < 0.1 | < 0.2 | < 0.001 | < 0.01 | < 0.1 | < 1 | 0.2 | < 0.1 | < 1 |
| Method Blank | < 0.1 | < 0.01 | < 0.1 | < 0.5 | < 0.1 | < 0.01 | 5 | < 0.05 | < 0.01 | < 0.1 | < 0.1 | < 0.5 | < 0.001 | < 0.5 | < 0.1 | < 0.2 | < 0.001 | < 0.01 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 |

| Analyte Symbol | Sr | Ta | Tb | Te | Th | Ti | Tl | Tm | U | V | W | Y | Yb | Zn | Zr |
|-------------------------------|--------|-------|-------|-------|-------|----------|--------|-------|-------|--------|-------|-------|-------|--------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0005 | 0.05 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.2 | 1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 309 | < 0.1 | 0.8 | 10.4 | 2.6 | 0.0253 | 0.40 | 0.4 | 31.6 | 86 | 151 | 29.6 | 2.3 | 819 | 10 |
| GXR-1 Cert | 275 | 0.175 | 0.830 | 13.0 | 2.44 | 0.036 | 0.390 | 0.430 | 34.9 | 80.0 | 164 | 32.0 | 1.90 | 760 | 38.0 |
| DH-1a Meas | | | | | > 500 | | | | 2220 | | | | | | |
| DH-1a Cert | | | | | 910 | | | | 2629 | | | | | | |
| GXR-4 Meas | 214 | 0.6 | 0.5 | 0.8 | 21.0 | 0.290 | 3.27 | 0.2 | 5.7 | 93 | 36.7 | 13.0 | 1.1 | 72.7 | 47 |
| GXR-4 Cert | 221 | 0.790 | 0.360 | 0.970 | 22.5 | 0.29 | 3.20 | 0.210 | 6.20 | 87.0 | 30.8 | 14.0 | 1.60 | 73.0 | 186 |
| SDC-1 Meas | 178 | < 0.1 | 1.0 | | 12.8 | | 0.62 | 0.5 | 2.9 | 61 | < 0.1 | | 3.4 | 115 | 49 |
| SDC-1 Cert | 180.00 | 1.20 | 1.20 | | 12.00 | | 0.70 | 0.65 | 3.10 | 102.00 | 0.80 | | 4.00 | 103.00 | 290.00 |
| GXR-6 Meas | | | | | | | | | | | | | | | |
| GXR-6 Cert | | | | | | | | | | | | | | | |
| DNC-1a Meas | 145 | | | | | 0.268 | | | | 147 | | 15.8 | 2.0 | 65.3 | 42 |
| DNC-1a Cert | 144 | | | | | 0.29 | | | | 148 | | 18.0 | 2.0 | 70 | 38.0 |
| OREAS 45d (4-Acid) Meas | 30.5 | < 0.1 | 0.4 | | 15.8 | 0.233 | 0.28 | | 2.7 | 106 | < 0.1 | 11.3 | 1.5 | 44.3 | 81 |
| OREAS 45d (4-Acid) Cert | 31.30 | 1.02 | 0.400 | | 14.5 | 0.773 | 0.27 | | 2.63 | 235.0 | 1.62 | 9.53 | 1.33 | 45.7 | 141 |
| SdAR-M2 (U.S.G.S.) Meas | | | | | | | | | | | | | | | |
| SdAR-M2 (U.S.G.S.) Cert | | | | | | | | | | | | | | | |
| 451561 Orig | 69.0 | < 0.1 | 0.6 | < 0.1 | 0.3 | 0.235 | 0.07 | 0.4 | < 0.1 | 233 | < 0.1 | 23.6 | 2.8 | 99.7 | 45 |
| 451561 Dup | 71.0 | < 0.1 | 0.6 | < 0.1 | 0.3 | 0.283 | 0.07 | 0.4 | < 0.1 | 225 | < 0.1 | 23.8 | 2.8 | 101 | 46 |
| 451590 Split Orig PREP DUP | 26.7 | 0.5 | 0.5 | < 0.1 | 10.4 | 0.214 | 0.16 | 0.4 | 1.9 | 17 | 0.5 | 24.2 | 3.1 | 13.5 | 282 |
| 451590 Split PREP DUP | 25.3 | 0.4 | 0.5 | < 0.1 | 10.4 | 0.222 | 0.18 | 0.5 | 1.9 | 16 | 0.5 | 24.3 | 3.2 | 13.7 | 287 |
| Method Blank | < 0.2 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.0010 | 0.14 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 | < 1 |
| Method Blank | < 0.2 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.0005 | < 0.05 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 | < 1 |



Date Submitted: 28-Aug-17
Invoice No.: A17-09219-4C
Invoice Date: 26-Oct-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

44 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 4C (1-10) Whole Rock Analysis-XRF

REPORT **A17-09219-4C**

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:

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a vertical line, positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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

Results

Activation Laboratories Ltd.

Report: A17-09219

| Analyte Symbol | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|----------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| 451561 | < 0.005 | 0.005 | < 0.003 | 51.01 | 14.05 | 14.72 | 0.226 | 5.23 | 6.43 | 4.12 | 0.26 | 1.15 | 0.07 | < 0.01 | 0.053 | 3.17 | 100.5 |
| 451569 | < 0.005 | 0.081 | 0.011 | 63.19 | 14.45 | 7.19 | 0.347 | 1.91 | 2.60 | 0.28 | 2.40 | 1.07 | 0.17 | < 0.01 | 0.027 | 5.30 | 99.03 |
| 451573 | < 0.005 | < 0.005 | < 0.003 | 62.56 | 12.92 | 6.20 | 0.094 | 2.84 | 4.37 | 0.75 | 1.86 | 0.56 | 0.08 | < 0.01 | 0.016 | 6.49 | 98.75 |

| Analyte Symbol | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|-------------------------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| BE-N Meas | 0.006 | 0.010 | 0.033 | 38.01 | 10.06 | 13.08 | 0.195 | 13.13 | 14.10 | 3.16 | 1.37 | 2.68 | 1.05 | 0.05 | 0.045 | | |
| BE-N Cert | 0.008 | 0.009 | 0.034 | 38.2 | 10.1 | 12.8 | 0.200 | 13.1 | 13.9 | 3.18 | 1.39 | 2.61 | 1.05 | 0.0500 | 0.042 | | |
| AC-E Meas | | | | 70.90 | 14.89 | 2.56 | 0.059 | 0.01 | 0.38 | 6.46 | 4.57 | 0.11 | | | | | |
| AC-E Cert | | | | 70.35 | 14.70 | 2.56 | 0.058 | 0.03 | 0.34 | 6.54 | 4.49 | 0.11 | | | | | |
| GBW 07238 (NCS DC 70006) Meas | | | | 34.43 | 3.50 | 21.03 | 1.411 | 0.82 | 31.08 | 0.06 | 0.02 | 0.13 | | | | | |
| GBW 07238 (NCS DC 70006) Cert | | | | 34.1 | 3.46 | 21.3 | 1.40 | 0.860 | 31.4 | 0.0750 | 0.0460 | 0.130 | | | | | |
| BIR-1a Meas | | | | 47.96 | 15.45 | 11.68 | 0.171 | 9.80 | 13.42 | 1.80 | 0.03 | 0.98 | 0.03 | | | | |
| BIR-1a Cert | | | | 47.96 | 15.50 | 11.30 | 0.175 | 9.700 | 13.30 | 1.82 | 0.030 | 0.96 | 0.021 | | | | |
| 451573 Orig | < 0.005 | < 0.005 | < 0.003 | 62.44 | 12.94 | 6.19 | 0.093 | 2.83 | 4.36 | 0.76 | 1.85 | 0.56 | 0.08 | < 0.01 | 0.015 | 6.44 | 98.56 |
| 451573 Dup | < 0.005 | < 0.005 | < 0.003 | 62.69 | 12.91 | 6.21 | 0.094 | 2.85 | 4.38 | 0.75 | 1.86 | 0.56 | 0.08 | < 0.01 | 0.017 | 6.54 | 98.94 |
| Method Blank | < 0.005 | < 0.005 | < 0.003 | < 0.01 | < 0.01 | < 0.01 | < 0.001 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.003 | | |



Date Submitted: 12-Sep-17
Invoice No.: A17-09902-Au
Invoice Date: 06-Oct-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-09902-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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 12-Sep-17
Invoice No.: A17-09902-Au
Invoice Date: 06-Oct-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-09902-Au**

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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

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 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Method Code | FA-AA | FA- GRA | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 451605 | > 5.000 | 25.1 | 141 | 31.3 | 31.5 | 38.5 | 31.38 | 454.00 | 485.40 |
| 451606 | 1.366 | | | | | | | | |
| 451607 | > 5.000 | 5.59 | 5.33 | 5.48 | 5.35 | 5.41 | 23.09 | 470.00 | 493.09 |
| 451608 | 0.202 | | | | | | | | |
| 451609 | 0.005 | | | | | | | | |
| 451610 | 0.469 | | | | | | | | |
| 451611 | 0.013 | | | | | | | | |
| 451612 | 2.275 | | | | | | | | |
| 451613 | 0.176 | | | | | | | | |
| 451614 | 0.009 | | | | | | | | |
| 451615 | < 0.005 | | | | | | | | |
| 451616 | < 0.005 | | | | | | | | |
| 451617 | < 0.005 | | | | | | | | |
| 451618 | < 0.005 | | | | | | | | |
| 451619 | < 0.005 | | | | | | | | |

| 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 |
| OxN117 Meas | | 7.65 | 7.47 | |
| OxN117 Cert | | 7.679 | 7.679 | |
| OxP116 Meas | | 15.1 | | |
| OxP116 Cert | | 14.92 | | |
| OREAS 218 Meas | 0.542 | | | |
| OREAS 218 Cert | 0.531 | | | |
| OREAS 224 Meas | 2.177 | | | |
| OREAS 224 Cert | 2.150 | | | |
| 451614 Orig | 0.010 | | | |
| 451614 Dup | 0.007 | | | |
| 451619 Split Orig PREP DUP | < 0.005 | | | |
| 451619 Split PREP DUP | < 0.005 | | | |
| Method Blank | < 0.005 | | | |
| Method Blank | < 0.005 | | | |
| Method Blank | | | < 0.03 | 0.00000 |
| Method Blank | | | < 0.03 | 0.00000 |
| Method Blank | | < 0.02 | | |
| Method Blank | | < 0.02 | | |



Date Submitted: 12-Sep-17
Invoice No.: A17-09902-UT6
Invoice Date: 23-Oct-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-09902-UT6**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 12-Sep-17
Invoice No.: A17-09902-UT6
Invoice Date: 23-Oct-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A17-09902-UT6**

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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

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 | Li | Na | Mg | Al | K | Ca | Cd | V | Cr | Mn | Fe | Hf | Hg | Ni | Er | Be | Ho | Ag | Cs | Co | Eu | Bi | Se |
|----------------|-------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|-------|-------|
| Unit Symbol | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 0.5 | 1 | 0.01 | 0.1 | 10 | 0.5 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.1 | 0.05 | 0.02 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451605 | 7.0 | 0.01 | 0.40 | 0.63 | 0.07 | 0.05 | < 0.1 | 24 | 59.4 | 210 | 16.1 | 0.3 | 30 | 101 | 0.4 | 0.1 | 0.1 | 9.33 | < 0.05 | 56.7 | 0.06 | 8.65 | 11.2 |
| 451606 | 33.9 | 0.12 | 2.55 | 7.31 | 1.51 | 0.16 | < 0.1 | 148 | 145 | 745 | 13.7 | 2.6 | 40 | 54.7 | 1.3 | 0.6 | 0.4 | 2.55 | 0.75 | 36.2 | 0.23 | 5.65 | 23.5 |
| 451607 | 6.7 | 0.17 | 0.02 | 0.49 | 0.31 | 0.02 | < 0.1 | 2 | 25.7 | 64 | 27.5 | < 0.1 | 30 | 107 | 0.3 | 0.3 | 0.1 | 1.29 | < 0.05 | 118 | 0.06 | 6.09 | 17.8 |
| 451610 | 13.7 | 2.12 | 0.46 | 7.50 | 1.44 | 0.52 | < 0.1 | 42 | 7.7 | 364 | 7.81 | 2.7 | 50 | 11.0 | 3.3 | 2.5 | 1.2 | 2.77 | 0.61 | 19.9 | 0.60 | 1.21 | 5.0 |
| 451613 | < 0.5 | 0.01 | < 0.01 | 0.02 | < 0.01 | 0.01 | < 0.1 | < 1 | 53.1 | 63 | 15.9 | < 0.1 | 20 | 51.3 | < 0.1 | < 0.1 | < 0.1 | 0.43 | < 0.05 | 97.5 | < 0.05 | 1.06 | 3.0 |
| 451614 | 19.5 | > 3.00 | 0.92 | 8.58 | 1.11 | 2.20 | < 0.1 | 97 | 38.0 | 919 | 6.43 | 1.8 | < 10 | 8.0 | 0.7 | 2.7 | 0.2 | < 0.05 | 0.36 | 19.3 | 0.18 | 0.28 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A17-09902

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 451605 | 16.6 | 3.3 | 314 | 2.4 | 4.1 | 2.9 | 17 | 1.1 | 2.24 | 0.2 | 2 | 1.8 | 3.0 | 12 | 0.5 | 1.6 | 0.2 | 0.9 | 0.2 | 0.4 | < 0.1 | 0.7 | 8440 |
| 451606 | 53.9 | 22.3 | 65.8 | 69.2 | 11.4 | 8.2 | 102 | 3.7 | 5.76 | 0.9 | 13 | 1.6 | 2.1 | 79 | 3.1 | 9.2 | 1.1 | 5.2 | 1.4 | 1.3 | 0.2 | 1.7 | > 10000 |
| 451607 | 8.6 | 0.4 | 615 | 7.3 | 4.4 | 2.1 | 4 | 0.4 | 1.34 | < 0.1 | < 1 | 4.6 | 0.4 | 37 | 0.4 | 1.0 | 0.1 | 0.7 | 0.2 | 0.4 | < 0.1 | 0.6 | 151 |
| 451610 | 48.4 | 18.4 | 10.1 | 54.1 | 32.3 | 82.3 | 93 | 10.8 | 2.28 | 0.4 | 6 | 0.2 | 0.2 | 58 | 11.6 | 32.1 | 3.9 | 19.5 | 4.6 | 5.2 | 0.9 | 6.1 | 2350 |
| 451613 | 12.6 | 0.2 | 6.0 | 0.2 | 0.3 | 1.0 | < 1 | 0.6 | 3.52 | < 0.1 | < 1 | < 0.1 | 0.5 | 5 | 0.1 | 0.3 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 1430 |
| 451614 | 77.6 | 18.3 | 2.6 | 24.9 | 6.2 | 270 | 63 | 4.8 | 5.67 | < 0.1 | 2 | < 0.1 | < 0.1 | 222 | 2.6 | 7.3 | 0.8 | 4.0 | 0.9 | 1.0 | 0.2 | 1.1 | 168 |

| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S |
|----------------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|-------|--------|--------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP |
| 451605 | 0.1 | < 0.1 | 0.4 | < 0.1 | < 0.1 | 2.2 | < 0.001 | < 0.05 | 14.0 | 4 | 0.2 | 0.1 | 0.0687 | 0.008 | 16.0 |
| 451606 | < 0.1 | 0.2 | 1.4 | 0.2 | 0.3 | 7.8 | < 0.001 | 0.21 | 13.7 | 23 | 1.6 | 0.7 | 0.484 | 0.041 | 6.53 |
| 451607 | 0.2 | < 0.1 | 0.3 | < 0.1 | < 0.1 | 0.2 | < 0.001 | < 0.05 | 26.9 | < 1 | 0.1 | < 0.1 | 0.0078 | 0.001 | > 20.0 |
| 451610 | < 0.1 | 0.5 | 2.9 | 0.4 | 0.7 | 2.4 | < 0.001 | 0.22 | 5.1 | 13 | 2.4 | 1.2 | 0.730 | 0.157 | 3.15 |
| 451613 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.001 | < 0.05 | 0.7 | < 1 | < 0.1 | < 0.1 | 0.0016 | 0.001 | 11.0 |
| 451614 | 0.3 | 0.1 | 0.9 | 0.1 | 0.1 | 0.5 | 0.018 | 0.11 | 3.2 | 17 | 1.4 | 0.6 | 0.746 | 0.073 | 1.27 |

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|-------------------------|--------|-------|-------|--------|-------|--------|--------|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| GXR-1 Meas | 847 | 1.1 | 453 | 2.7 | 30.3 | 311 | 20 | 0.8 | 19.5 | 0.7 | 29 | 34.7 | 9.6 | 690 | 7.2 | 15.4 | | 9.2 | 2.6 | 3.9 | 0.6 | 4.5 | 1230 |
| GXR-1 Cert | 760 | 13.8 | 427 | 14.0 | 32.0 | 275 | 38.0 | 0.800 | 18.0 | 0.770 | 54.0 | 122 | 13.0 | 750 | 7.50 | 17.0 | | 18.0 | 2.70 | 4.20 | 0.830 | 4.30 | 1110 |
| GXR-1 Meas | 813 | 2.3 | 435 | 2.6 | 29.8 | 295 | 19 | 0.7 | 18.8 | 0.7 | 29 | 33.8 | 9.3 | 653 | 6.8 | 15.0 | | 8.6 | 2.5 | 3.6 | 0.6 | 4.6 | 1190 |
| GXR-1 Cert | 760 | 13.8 | 427 | 14.0 | 32.0 | 275 | 38.0 | 0.800 | 18.0 | 0.770 | 54.0 | 122 | 13.0 | 750 | 7.50 | 17.0 | | 18.0 | 2.70 | 4.20 | 0.830 | 4.30 | 1110 |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DH-1a Cert | | | | | | | | | | | | | | | | | | | | | | | |
| GXR-4 Meas | 78.2 | 18.7 | 106 | 108 | 13.6 | 209 | 45 | 10.0 | 343 | 0.2 | 7 | 4.7 | 0.9 | 191 | 54.6 | 112 | | 44.8 | 5.2 | 4.6 | 0.4 | 2.9 | 6920 |
| GXR-4 Cert | 73.0 | 20.0 | 98.0 | 160 | 14.0 | 221 | 186 | 10.0 | 310 | 0.270 | 5.60 | 4.80 | 0.970 | 1640 | 64.5 | 102 | | 45.0 | 6.60 | 5.25 | 0.360 | 2.60 | 6520 |
| GXR-4 Meas | 74.3 | 18.9 | 102 | 127 | 13.2 | 202 | 44 | 9.6 | 338 | 0.2 | 7 | 4.6 | 0.9 | 174 | 54.4 | 109 | | 42.9 | 5.5 | 4.3 | 0.4 | 2.7 | 6740 |
| GXR-4 Cert | 73.0 | 20.0 | 98.0 | 160 | 14.0 | 221 | 186 | 10.0 | 310 | 0.270 | 5.60 | 4.80 | 0.970 | 1640 | 64.5 | 102 | | 45.0 | 6.60 | 5.25 | 0.360 | 2.60 | 6520 |
| SDC-1 Meas | 112 | 15.6 | < 0.1 | 80.9 | | 165 | 44 | 0.4 | | | < 1 | < 0.1 | | 578 | 35.8 | 87.5 | | 38.7 | 7.1 | 6.2 | 0.8 | 5.9 | 30.2 |
| SDC-1 Cert | 103.00 | 21.00 | 0.220 | 127.00 | | 180.00 | 290.00 | 21.00 | | | 3.00 | 0.54 | | 630 | 42.00 | 93.00 | | 40.00 | 8.20 | 7.00 | 1.20 | 6.70 | 30.000 |
| SDC-1 Meas | 111 | 15.1 | < 0.1 | 78.6 | | 161 | 37 | 0.3 | | | < 1 | < 0.1 | | 596 | 38.3 | 90.6 | | 40.7 | 8.5 | 6.7 | 0.9 | 5.8 | 29.5 |
| SDC-1 Cert | 103.00 | 21.00 | 0.220 | 127.00 | | 180.00 | 290.00 | 21.00 | | | 3.00 | 0.54 | | 630 | 42.00 | 93.00 | | 40.00 | 8.20 | 7.00 | 1.20 | 6.70 | 30.000 |
| GXR-6 Meas | 139 | 13.4 | 223 | 71.8 | 12.7 | 34.2 | 66 | 0.7 | 0.24 | < 0.1 | < 1 | 0.6 | < 0.1 | 1210 | 12.3 | 36.5 | | 13.6 | 2.2 | 2.4 | 0.3 | 2.3 | 74.8 |
| GXR-6 Cert | 118 | 35.0 | 330 | 90.0 | 14.0 | 35.0 | 110 | 7.50 | 2.40 | 0.260 | 1.70 | 3.60 | 0.0180 | 1300 | 13.9 | 36.0 | | 13.0 | 2.67 | 2.97 | 0.415 | 2.80 | 66.0 |
| DNC-1a Meas | 71.1 | 14.7 | | 3.0 | 15.9 | 142 | 41 | 1.5 | | | | 0.6 | | 98 | 3.3 | | | 4.7 | | | | | 103 |
| DNC-1a Cert | 70 | 15 | | 5 | 18.0 | 144 | 38.0 | 3 | | | | 0.96 | | 118 | 3.6 | | | 5.20 | | | | | 100 |
| DNC-1a Meas | 72.1 | 15.4 | | 3.1 | 16.7 | 139 | 41 | 1.6 | | | | 0.7 | | 101 | 3.5 | | | 5.0 | | | | | 104 |
| DNC-1a Cert | 70 | 15 | | 5 | 18.0 | 144 | 38.0 | 3 | | | | 0.96 | | 118 | 3.6 | | | 5.20 | | | | | 100 |
| SBC-1 Meas | 199 | 17.1 | 22.3 | 110 | 30.6 | 164 | 122 | 11.9 | 2.13 | | 3 | 0.9 | | 734 | 46.5 | 106 | 10.8 | 46.9 | 10.1 | 7.6 | 0.9 | 6.0 | 32.1 |
| SBC-1 Cert | 186 | 27.0 | 25.7 | 147 | 36.5 | 178.0 | 134.0 | 15.3 | 2.40 | | 3.3 | 1.01 | | 788.0 | 52.5 | 108.0 | 12.6 | 49.2 | 9.6 | 8.5 | 1.20 | 7.10 | 31.0000 |
| SBC-1 Meas | 219 | 21.5 | 23.5 | 122 | 32.9 | 178 | 134 | 12.7 | 2.34 | | 3 | 1.0 | | 737 | 50.3 | 113 | 11.9 | 52.4 | 7.3 | 7.6 | 1.0 | 6.6 | 31.2 |
| SBC-1 Cert | 186 | 27.0 | 25.7 | 147 | 36.5 | 178.0 | 134.0 | 15.3 | 2.40 | | 3.3 | 1.01 | | 788.0 | 52.5 | 108.0 | 12.6 | 49.2 | 9.6 | 8.5 | 1.20 | 7.10 | 31.0000 |
| OREAS 45d (4-Acid) Meas | 49.6 | 23.5 | 5.8 | 39.5 | 11.5 | 30.5 | 63 | 0.3 | 0.16 | < 0.1 | < 1 | < 0.1 | | 182 | 17.2 | 38.6 | 3.6 | 15.1 | 3.2 | 2.3 | 0.3 | 2.2 | 417 |
| OREAS 45d (4-Acid) Cert | 45.7 | 21.20 | 13.8 | 42.1 | 9.53 | 31.30 | 141 | 14.50 | 2.500 | 0.096 | 2.78 | 0.82 | | 183.0 | 16.9 | 37.20 | 3.70 | 13.4 | 2.80 | 2.42 | 0.400 | 2.26 | 371 |
| OREAS 45d (4-Acid) Meas | 46.2 | 22.8 | 6.2 | 37.3 | 10.6 | 27.9 | 73 | 0.3 | 0.22 | < 0.1 | < 1 | < 0.1 | | 174 | 15.3 | 36.8 | 3.5 | 13.8 | 2.8 | 2.3 | 0.3 | 2.2 | 393 |
| OREAS 45d (4-Acid) Cert | 45.7 | 21.20 | 13.8 | 42.1 | 9.53 | 31.30 | 141 | 14.50 | 2.500 | 0.096 | 2.78 | 0.82 | | 183.0 | 16.9 | 37.20 | 3.70 | 13.4 | 2.80 | 2.42 | 0.400 | 2.26 | 371 |
| SdAR-M2 (U.S.G.S.) Meas | 838 | 3.7 | | 81.1 | 25.4 | 134 | 134 | 13.6 | 13.1 | | | | | 994 | 42.4 | 98.9 | 9.9 | 38.8 | 6.9 | 5.3 | 0.7 | 4.6 | 261 |
| SdAR-M2 (U.S.G.S.) Cert | 760 | 17.6 | | 149 | 32.7 | 144 | 259 | 26.2 | 13.3 | | | | | 990 | 46.6 | 98.8 | 11.0 | 39.4 | 7.18 | 6.28 | 0.97 | 5.88 | 236.0000 |
| Method Blank | 0.5 | < 0.1 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | < 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | 3 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | 0.8 | 0.1 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | < 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | 0.5 | 0.1 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | < 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | < 0.2 | 0.2 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | 0.09 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.2 |

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| Method Blank | < 0.2 | 0.2 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | 0.07 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |
| Method Blank | 0.4 | 0.2 | < 0.1 | < 0.2 | < 0.1 | < 0.2 | < 1 | < 0.1 | < 0.05 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.2 |

| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S |
|-------------------------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|-------|--------|---------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP |
| GXR-1 Meas | | 0.3 | 2.2 | 0.3 | < 0.1 | 162 | | 0.41 | 752 | 2 | 2.6 | 34.4 | 0.0252 | 0.059 | 0.25 |
| GXR-1 Cert | | 0.430 | 1.90 | 0.280 | 0.175 | 164 | | 0.390 | 730 | 1.58 | 2.44 | 34.9 | 0.036 | 0.0650 | 0.257 |
| GXR-1 Meas | | 0.3 | 2.2 | 0.3 | < 0.1 | 159 | | 0.40 | 723 | | 2.5 | 41.4 | | | |
| GXR-1 Cert | | 0.430 | 1.90 | 0.280 | 0.175 | 164 | | 0.390 | 730 | | 2.44 | 34.9 | | | |
| DH-1a Meas | | | | | | | | | | | > 500 | 2480 | | | |
| DH-1a Cert | | | | | | | | | | | 910 | 2629 | | | |
| DH-1a Meas | | | | | | | | | | | > 500 | 2390 | | | |
| DH-1a Cert | | | | | | | | | | | 910 | 2629 | | | |
| GXR-4 Meas | | 0.2 | 1.1 | 0.1 | 0.6 | 38.9 | | 3.34 | 51.0 | 8 | 20.1 | 5.9 | 0.290 | 0.133 | 1.78 |
| GXR-4 Cert | | 0.210 | 1.60 | 0.170 | 0.790 | 30.8 | | 3.20 | 52.0 | 7.70 | 22.5 | 6.20 | 0.29 | 0.120 | 1.77 |
| GXR-4 Meas | | 0.2 | 1.0 | 0.1 | 0.5 | 35.2 | | 3.21 | 48.6 | | 19.7 | 5.8 | | | |
| GXR-4 Cert | | 0.210 | 1.60 | 0.170 | 0.790 | 30.8 | | 3.20 | 52.0 | | 22.5 | 6.20 | | | |
| SDC-1 Meas | | 0.5 | 3.2 | | < 0.1 | < 0.1 | | 0.65 | 24.0 | 17 | 11.6 | 2.8 | 0.226 | 0.056 | |
| SDC-1 Cert | | 0.65 | 4.00 | | 1.20 | 0.80 | | 0.70 | 25.00 | 17.00 | 12.00 | 3.10 | 0.606 | 0.0690 | |
| SDC-1 Meas | | 0.5 | 3.3 | | < 0.1 | < 0.1 | | 0.66 | 23.8 | | 12.1 | 2.9 | | | |
| SDC-1 Cert | | 0.65 | 4.00 | | 1.20 | 0.80 | | 0.70 | 25.00 | | 12.00 | 3.10 | | | |
| GXR-6 Meas | | | 1.7 | 0.3 | < 0.1 | 0.1 | | 2.35 | 104 | 32 | 5.4 | 1.5 | | 0.035 | 0.01 |
| GXR-6 Cert | | | 2.40 | 0.330 | 0.485 | 1.90 | | 2.20 | 101 | 27.6 | 5.30 | 1.54 | | 0.0350 | 0.0160 |
| DNC-1a Meas | | | 1.9 | | | | | | 5.5 | 31 | | | 0.275 | | |
| DNC-1a Cert | | | 2.0 | | | | | | 6.3 | 31 | | | 0.29 | | |
| DNC-1a Meas | | | 1.9 | | | | | | 5.2 | | | | | | |
| DNC-1a Cert | | | 2.0 | | | | | | 6.3 | | | | | | |
| SBC-1 Meas | | 0.5 | 3.3 | 0.5 | 0.8 | 1.3 | | 0.92 | 34.8 | 22 | 15.8 | 5.8 | 0.481 | | |
| SBC-1 Cert | | 0.56 | 3.64 | 0.54 | 1.10 | 1.60 | | 0.89 | 35.0 | 20.0 | 15.8 | 5.76 | 0.51 | | |
| SBC-1 Meas | | 0.5 | 3.5 | 0.5 | 0.8 | 1.6 | | 0.96 | 36.8 | | 16.7 | 6.1 | | | |
| SBC-1 Cert | | 0.56 | 3.64 | 0.54 | 1.10 | 1.60 | | 0.89 | 35.0 | | 15.8 | 5.76 | | | |
| OREAS 45d (4-Acid) Meas | | | 1.5 | 0.2 | < 0.1 | 0.1 | | 0.26 | 20.9 | 58 | 15.3 | 2.8 | 0.167 | 0.033 | 0.04 |
| OREAS 45d (4-Acid) Cert | | | 1.33 | 0.18 | 1.02 | 1.62 | | 0.27 | 21.8 | 49.30 | 14.5 | 2.63 | 0.773 | 0.042 | 0.049 |
| OREAS 45d (4-Acid) Meas | | | 1.4 | 0.2 | < 0.1 | 0.1 | | 0.25 | 20.4 | | 14.6 | 2.9 | | | |
| OREAS 45d (4-Acid) Cert | | | 1.33 | 0.18 | 1.02 | 1.62 | | 0.27 | 21.8 | | 14.5 | 2.63 | | | |
| SdAR-M2 (U.S.G.S.) Meas | | 0.4 | 2.9 | 0.4 | 0.7 | 1.5 | | | 783 | 5 | 14.7 | 2.6 | | | |
| SdAR-M2 (U.S.G.S.) Cert | | 0.54 | 3.63 | 0.54 | 1.8 | 2.8 | | | 808 | 4.1 | 14.2 | 2.53 | | | |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.2 | < 0.001 | < 0.05 | < 0.5 | < 1 | < 0.1 | < 0.1 | 0.0010 | < 0.001 | < 0.01 |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | < 1 | < 0.1 | < 0.1 | 0.0005 | < 0.001 | < 0.01 |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | | < 0.1 | < 0.1 | | | |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | | < 0.1 | < 0.1 | | | |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | | < 0.1 | < 0.1 | | | |

| | | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|---------|--------|-------|--------|-------|-------|----------|---------|--------|
| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S |
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP |
| Method Blank | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.001 | < 0.05 | < 0.5 | < 1 | < 0.1 | < 0.1 | < 0.0005 | < 0.001 | < 0.01 |



Date Submitted: 19-Sep-17
Invoice No.: A17-10176
Invoice Date: 29-Sep-17
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A17-10176**

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.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with a large, looped 'E' and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.
Quality Control

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 |
| 451620 | 0.008 |
| 451621 | 0.019 |
| 451622 | 0.015 |
| 451623 | 0.010 |
| 451624 | 0.005 |
| 451625 | < 0.005 |

| | |
|-------------------------------|---------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| OREAS 218 Meas | 0.498 |
| OREAS 218 Cert | 0.531 |
| OREAS 224 Meas | 2.093 |
| OREAS 224 Cert | 2.150 |
| 451625 Split Orig PREP DUP | < 0.005 |
| 451625 Split PREP DUP | < 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: 18B358704

AGAT WORK ORDER: 18B358704

SOLID ANALYSIS REVIEWED BY: Jason Moore, Business Development Representative

DATE REPORTED: Jul 31, 2018

PAGES (INCLUDING COVER): 8

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

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 18B358704

PROJECT: 18B358704

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

(200-) Sample Login Weight

DATE SAMPLED: Jul 05, 2018

DATE RECEIVED: Jul 06, 2018

DATE REPORTED: Jul 31, 2018

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: Unit: RDL: | Sample Login Weight kg 0.01 |
|---------------------|---------------------------|-----------------------------------------|
| 283655 (9380149) | | 1.84 |
| 283656 (9380150) | | 1.71 |
| 283657 (9380151) | | 2.45 |
| 283658 (9380152) | | 1.85 |
| 283659 (9380153) | | 3.03 |
| 283660 (9380154) | | 0.10 |
| 283661 (9380155) | | 1.71 |
| 283662 (9380156) | | 2.62 |
| 283663 (9380157) | | 1.26 |
| 283664 (9380158) | | 1.52 |
| 283665 (9380159) | | 1.57 |
| 283666 (9380160) | | 1.42 |
| 283667 (9380161) | | 1.58 |
| 283668 (9380162) | | 1.38 |
| 283669 (9380163) | | 1.71 |
| 283670 (9380164) | | 2.37 |
| 283671 (9380165) | | 1.59 |
| 283672 (9380166) | | 0.32 |
| 283673 (9380167) | | 1.65 |
| 283674 (9380168) | | 2.25 |
| 283675 (9380169) | | 2.25 |
| 283702 (9380171) | | 1.94 |
| 283703 (9380172) | | 0.81 |
| 283704 (9380173) | | 0.64 |
| 283705 (9380174) | | 0.83 |
| 283706 (9380175) | | 2.26 |
| 283707 (9380176) | | 2.69 |
| 283708 (9380177) | | 2.22 |
| 283709 (9380178) | | 0.93 |
| 283710 (9380179) | | 2.05 |

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18B358704

PROJECT: 18B358704

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

(200-) Sample Login Weight

DATE SAMPLED: Jul 05, 2018

DATE RECEIVED: Jul 06, 2018

DATE REPORTED: Jul 31, 2018

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 18B358704

PROJECT: 18B358704

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

DATE SAMPLED: Jul 05, 2018

DATE RECEIVED: Jul 06, 2018

DATE REPORTED: Jul 31, 2018

SAMPLE TYPE: Rock

| Sample ID (AGAT ID) | Analyte: | Unit: | RDL: |
|---------------------|----------|-------|--------|
| | Au | ppm | 0.002 |
| 283655 (9380149) | | | 0.003 |
| 283656 (9380150) | | | <0.002 |
| 283657 (9380151) | | | 0.004 |
| 283658 (9380152) | | | 0.015 |
| 283659 (9380153) | | | 0.004 |
| 283660 (9380154) | | | 1.48 |
| 283661 (9380155) | | | <0.002 |
| 283662 (9380156) | | | <0.002 |
| 283663 (9380157) | | | <0.002 |
| 283664 (9380158) | | | <0.002 |
| 283665 (9380159) | | | <0.002 |
| 283666 (9380160) | | | 0.002 |
| 283667 (9380161) | | | 0.002 |
| 283668 (9380162) | | | <0.002 |
| 283669 (9380163) | | | <0.002 |
| 283670 (9380164) | | | 2.49 |
| 283671 (9380165) | | | <0.002 |
| 283672 (9380166) | | | <0.002 |
| 283673 (9380167) | | | 0.004 |
| 283674 (9380168) | | | <0.002 |
| 283675 (9380169) | | | 0.008 |
| 283702 (9380171) | | | <0.002 |
| 283703 (9380172) | | | <0.002 |
| 283704 (9380173) | | | <0.002 |
| 283705 (9380174) | | | <0.002 |
| 283706 (9380175) | | | <0.002 |
| 283707 (9380176) | | | <0.002 |
| 283708 (9380177) | | | <0.002 |
| 283709 (9380178) | | | <0.002 |
| 283710 (9380179) | | | <0.002 |

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18B358704

PROJECT: 18B358704

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

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 05, 2018

DATE RECEIVED: Jul 06, 2018

DATE REPORTED: Jul 31, 2018

SAMPLE TYPE: Rock

| Analyte: | Pass % |
|---------------------|--------|
| Unit: | % |
| Sample ID (AGAT ID) | RDL: |
| 283655 (9380149) | 96.7 |

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-051) Fire Assay - Trace Au, AAS finish

| Parameter | REPLICATE #1 | | | | REPLICATE #2 | | | | REPLICATE #3 | | | | | | | |
|-----------|--------------|----------|-----------|-----|--------------|----------|-----------|-----|--------------|----------|-----------|------|--|--|--|--|
| | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | Sample ID | Original | Replicate | RPD | | | | |
| Au | 9380149 | 0.003 | 0.002 | | 9380160 | 0.002 | < 0.002 | | 9380173 | < 0.002 | < 0.002 | 0.0% | | | | |



AGAT Laboratories

Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 18B358704
 PROJECT: 18B358704

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

| Parameter | CRM #1 (ref.WW03) | | | | | | | | | | | | | |
|-----------|-------------------|--------|----------|------------|--|--|--|--|--|--|--|--|--|--|
| | Expect | Actual | Recovery | Limits | | | | | | | | | | |
| Au | 2.01 | 2.02 | 101% | 90% - 110% | | | | | | | | | | |



Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 18B358704

PROJECT: 18B358704

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---------------------|---------------------|----------------------------------------|----------------------|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Au | MIN-12004 MIN-12019 | BUGBEE, E: A Textbook of Fire Assaying | AA |
| Pass % | | | BALANCE |



Date Submitted: 17-Aug-18
Invoice No.: A18-11350-Au
Invoice Date: 30-Aug-18
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-11350-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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 17-Aug-18
Invoice No.: A18-11350-Au
Invoice Date: 30-Aug-18
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF
Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A18-11350-Au**

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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

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 |
| 283676 | < 0.005 |
| 283677 | < 0.005 |
| 283678 | < 0.005 |
| 283679 | < 0.005 |
| 283680 | < 0.005 |
| 283681 | < 0.005 |
| 283682 | < 0.005 |
| 283683 | < 0.005 |
| 283684 | 0.235 |
| 283685 | 0.019 |
| 283686 | < 0.005 |
| 283687 | 0.101 |
| 283688 | < 0.005 |
| 283689 | < 0.005 |
| 283690 | 0.010 |
| 283691 | < 0.005 |
| 283692 | < 0.005 |

| | |
|-----------------------------|---------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| OREAS 220 (Fire Assay) Meas | 0.867 |
| OREAS 220 (Fire Assay) Cert | 0.866 |
| OREAS 220 (Fire Assay) Meas | 0.857 |
| OREAS 220 (Fire Assay) Cert | 0.866 |
| OREAS 224 Meas | 2.059 |
| OREAS 224 Cert | 2.15 |
| OREAS 224 Meas | 2.084 |
| OREAS 224 Cert | 2.15 |
| 283678 Orig | < 0.005 |
| 283678 Dup | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |



Date Submitted: 17-Aug-18
Invoice No.: A18-11350-UT6 + 4C
Invoice Date: 19-Sep-18
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A18-11350-UT6 + 4C**

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.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 17-Aug-18
Invoice No.: A18-11350-UT6 + 4C
Invoice Date: 19-Sep-18
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-11350-UT6 + 4C**

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.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

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

Results

Activation Laboratories Ltd.

Report: A18-11350

| Analyte Symbol | Li | Na | Mg | Al | K | Ca | Cd | V | Cr | Mn | Fe | Hf | Hg | Ni | Er | Be | Ho | Ag | Cs | Co | Eu | Bi | Se |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.1 | 10 | 0.5 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.1 | 0.05 | 0.02 | 0.1 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 283677 | 36.5 | 1.20 | 1.34 | 7.12 | 1.64 | 1.91 | < 0.1 | 59 | 48 | 690 | 3.51 | 4.3 | 20 | 31.9 | 1.6 | 0.8 | 0.5 | < 0.05 | 2.45 | 11.8 | 0.68 | 0.04 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A18-11350

| Analyte Symbol | Zn | Ga | As | Rb | Y | Sr | Zr | Nb | Mo | In | Sn | Sb | Te | Ba | La | Ce | Pr | Nd | Sm | Gd | Tb | Dy | Cu |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 1 | 0.1 | 0.05 | 0.1 | 1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS |
| 283677 | 58.7 | 16.8 | 0.1 | 63.5 | 13.7 | 129 | 162 | 2.0 | 0.69 | < 0.1 | 1 | < 0.1 | < 0.1 | 384 | 18.1 | 37.6 | 4.7 | 16.1 | 2.9 | 2.8 | 0.4 | 2.7 | 8.0 |

Results

Activation Laboratories Ltd.

Report: A18-11350

| Analyte Symbol | Ge | Tm | Yb | Lu | Ta | W | Re | Tl | Pb | Sc | Th | U | Ti | P | S | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO |
|----------------|-------|-------|-------|-------|-------|-------|---------|-------|-------|--------|-------|-------|--------|--------|--------|---------|---------|---------|---------|---------|----------|---------|---------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.001 | 0.05 | 0.5 | 1 | 0.1 | 0.1 | 0.0005 | 0.001 | 0.01 | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| 283677 | < 0.1 | 0.2 | 1.5 | 0.2 | < 0.1 | < 0.1 | < 0.001 | 0.36 | 3.2 | 9 | 3.6 | 0.4 | 0.223 | 0.033 | 0.02 | < 0.005 | < 0.005 | < 0.003 | 68.85 | 14.60 | 5.06 | 0.090 | 2.43 |

Results**Activation Laboratories Ltd.****Report: A18-11350**

| Analyte Symbol | CaO | Na2O | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| 283677 | 2.70 | 1.84 | 2.22 | 0.41 | 0.09 | 0.01 | 0.010 | 2.07 | 100.4 |

| Analyte Symbol | Ag | Co | Bi | Se | Zn | Sn | Sb | Cu | Pb | Sc | Ti | P | S | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.05 | 0.1 | 0.02 | 0.1 | 0.2 | 1 | 0.1 | 0.2 | 0.5 | 1 | 0.0005 | 0.001 | 0.01 | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP | TD-ICP | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| GXR-4 Meas | | | | | | | | | | 8 | 0.270 | 0.130 | 1.82 | | | | | | | | | | |
| GXR-4 Cert | | | | | | | | | | 7.70 | 0.29 | 0.120 | 1.77 | | | | | | | | | | |
| SDC-1 Meas | | | | | | | | | | 15 | 0.121 | 0.054 | | | | | | | | | | | |
| SDC-1 Cert | | | | | | | | | | 17.00 | 0.606 | 0.0690 | | | | | | | | | | | |
| GXR-6 Meas | | | | | | | | | | 25 | | 0.037 | 0.01 | | | | | | | | | | |
| GXR-6 Cert | | | | | | | | | | 27.6 | | 0.0350 | 0.0160 | | | | | | | | | | |
| FK-N Meas | | | | | | | | | | | | | | | | | 65.16 | 18.98 | 0.07 | < 0.001 | | 0.12 | 2.56 |
| FK-N Cert | | | | | | | | | | | | | | | | | 65.0 | 18.6 | 0.0900 | 0.00500 | | 0.110 | 2.58 |
| BE-N Meas | | | | | | | | | | | | | | 0.007 | 0.009 | 0.034 | 38.46 | 10.03 | 13.08 | 0.200 | 13.14 | 14.13 | 3.18 |
| BE-N Cert | | | | | | | | | | | | | | 0.008 | 0.009 | 0.034 | 38.2 | 10.1 | 12.8 | 0.200 | 13.1 | 13.9 | 3.18 |
| AC-E Meas | | | | | | | | | | | | | | | | | 71.15 | 14.95 | 2.54 | 0.060 | 0.03 | 0.35 | 6.71 |
| AC-E Cert | | | | | | | | | | | | | | | | | 70.35 | 14.70 | 2.56 | 0.058 | 0.03 | 0.34 | 6.54 |
| BIR-1a Meas | | | | | | | | | | | | | | | | | 47.54 | 15.37 | 11.72 | 0.180 | 9.80 | 13.34 | 1.85 |
| BIR-1a Cert | | | | | | | | | | | | | | | | | 47.96 | 15.50 | 11.30 | 0.175 | 9.700 | 13.30 | 1.82 |
| OREAS 97 (4 Acid) Meas | 19.9 | 58.4 | 40.7 | 73.6 | 636 | 97 | 7.4 | > 10000 | 145 | | | | 6.79 | | | | | | | | | | |
| OREAS 97 (4 Acid) Cert | 19.6 | 62.9 | 40.1 | 71.4 | 646 | 95.7 | 9.23 | 63100.00 | 147 | | | | 6.07 | | | | | | | | | | |
| OREAS 97 (4 Acid) Meas | | | | | | | | | | | | | 7.12 | | | | | | | | | | |
| OREAS 97 (4 Acid) Cert | | | | | | | | | | | | | 6.07 | | | | | | | | | | |
| OREAS 98 (4 Acid) Meas | 46.1 | 110 | 84.4 | 172 | 1280 | > 200 | 11.6 | > 10000 | 299 | | | | 15.7 | | | | | | | | | | |
| OREAS 98 (4 Acid) Cert | 45.1 | 121 | 97.2 | 158 | 1360 | 206 | 20.1 | 148000.0 | 345 | | | | 15.5 | | | | | | | | | | |
| OREAS 98 (4 Acid) Meas | | | | | | | | | | | | | 15.4 | | | | | | | | | | |
| OREAS 98 (4 Acid) Cert | | | | | | | | | | | | | 15.5 | | | | | | | | | | |
| DNC-1a Meas | | | | | | | | | | | 30 | 0.279 | | | | | | | | | | | |
| DNC-1a Cert | | | | | | | | | | | 31 | 0.29 | | | | | | | | | | | |
| DNC-1a Meas | | | | | | | | | | | 27 | 0.259 | | | | | | | | | | | |
| DNC-1a Cert | | | | | | | | | | | 31 | 0.29 | | | | | | | | | | | |
| SBC-1 Meas | | | | | | | | | | | 19 | 0.476 | | | | | | | | | | | |
| SBC-1 Cert | | | | | | | | | | | 20.0 | 0.51 | | | | | | | | | | | |
| SBC-1 Meas | | | | | | | | | | | 19 | 0.446 | | | | | | | | | | | |
| SBC-1 Cert | | | | | | | | | | | 20.0 | 0.51 | | | | | | | | | | | |
| OREAS 45d (4-Acid) Meas | | | | | | | | | | | 49 | 0.0982 | 0.033 | 0.04 | | | | | | | | | |
| OREAS 45d (4-Acid) Cert | | | | | | | | | | | 49.30 | 0.773 | 0.042 | 0.049 | | | | | | | | | |
| OREAS 45d | | | | | | | | | | | 49 | 0.211 | 0.032 | 0.05 | | | | | | | | | |

| Analyte Symbol | Ag | Co | Bi | Se | Zn | Sn | Sb | Cu | Pb | Sc | Ti | P | S | Co3O4 | CuO | NiO | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|--------|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Lower Limit | 0.05 | 0.1 | 0.02 | 0.1 | 0.2 | 1 | 0.1 | 0.2 | 0.5 | 1 | 0.0005 | 0.001 | 0.01 | 0.005 | 0.005 | 0.003 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 |
| Method Code | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-MS | TD-ICP | TD-ICP | TD-ICP | TD-ICP | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| (4-Acid) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 45d (4-Acid) Cert | | | | | | | | | | 49.30 | 0.773 | 0.042 | 0.049 | | | | | | | | | | |
| OREAS 96 (4 Acid) Meas | 11.4 | 48.3 | 27.7 | 43.6 | 449 | 66 | 5.4 | > 10000 | 101 | | | | 4.16 | | | | | | | | | | |
| OREAS 96 (4 Acid) Cert | 11.5 | 49.9 | 26.3 | 40.7 | 457 | 65.6 | 5.09 | 39300 | 101 | | | | 4.19 | | | | | | | | | | |
| OREAS 96 (4 Acid) Meas | | | | | | | | | | | | | 4.28 | | | | | | | | | | |
| OREAS 96 (4 Acid) Cert | | | | | | | | | | | | | 4.19 | | | | | | | | | | |
| 283677 Orig | | | | | | | | | | | | | | < 0.005 | < 0.005 | 0.003 | 68.85 | 14.63 | 5.05 | 0.090 | 2.44 | 2.69 | 1.84 |
| 283677 Dup | | | | | | | | | | | | | | < 0.005 | < 0.005 | < 0.003 | 68.86 | 14.56 | 5.06 | 0.090 | 2.43 | 2.70 | 1.83 |
| Method Blank | | | | | | | | | | | < 1 | 0.0076 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | < 1 | < 0.0005 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | < 1 | < 0.0005 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | < 1 | < 0.0005 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | < 1 | 0.0006 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | < 1 | < 0.0005 | < 0.001 | < 0.01 | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | < 0.005 | < 0.005 | < 0.003 | < 0.01 | < 0.01 | < 0.01 | < 0.001 | < 0.01 | < 0.01 | < 0.01 |

| Analyte Symbol | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| GXR-4 Meas | | | | | | | |
| GXR-4 Cert | | | | | | | |
| SDC-1 Meas | | | | | | | |
| SDC-1 Cert | | | | | | | |
| GXR-6 Meas | | | | | | | |
| GXR-6 Cert | | | | | | | |
| FK-N Meas | 12.86 | 0.01 | 0.01 | | | | |
| FK-N Cert | 12.8 | 0.0200 | 0.0240 | | | | |
| BE-N Meas | 1.37 | 2.67 | 1.06 | 0.07 | 0.046 | | |
| BE-N Cert | 1.39 | 2.61 | 1.05 | 0.0500 | 0.042 | | |
| AC-E Meas | 4.55 | 0.11 | | | | | |
| AC-E Cert | 4.49 | 0.11 | | | | | |
| BIR-1a Meas | 0.04 | 0.99 | 0.03 | | | | |
| BIR-1a Cert | 0.030 | 0.96 | 0.021 | | | | |
| OREAS 97 (4 Acid) Meas | | | | | | | |
| OREAS 97 (4 Acid) Cert | | | | | | | |
| OREAS 97 (4 Acid) Meas | | | | | | | |
| OREAS 97 (4 Acid) Cert | | | | | | | |
| OREAS 98 (4 Acid) Meas | | | | | | | |
| OREAS 98 (4 Acid) Cert | | | | | | | |
| OREAS 98 (4 Acid) Meas | | | | | | | |
| OREAS 98 (4 Acid) Cert | | | | | | | |
| OREAS 98 (4 Acid) Meas | | | | | | | |
| OREAS 98 (4 Acid) Cert | | | | | | | |
| DNC-1a Meas | | | | | | | |
| DNC-1a Cert | | | | | | | |
| DNC-1a Meas | | | | | | | |
| DNC-1a Cert | | | | | | | |
| SBC-1 Meas | | | | | | | |
| SBC-1 Cert | | | | | | | |
| SBC-1 Meas | | | | | | | |
| SBC-1 Cert | | | | | | | |
| OREAS 45d (4-Acid) Meas | | | | | | | |
| OREAS 45d (4-Acid) Cert | | | | | | | |
| OREAS 45d (4-Acid) Meas | | | | | | | |

| Analyte Symbol | K2O | TiO2 | P2O5 | Cr2O3 | V2O5 | LOI | Total |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|
| Unit Symbol | % | % | % | % | % | % | % |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.01 | 0.003 | | 0.01 |
| Method Code | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
| OREAS 45d (4-Acid) Cert | | | | | | | |
| OREAS 96 (4 Acid) Meas | | | | | | | |
| OREAS 96 (4 Acid) Cert | | | | | | | |
| OREAS 96 (4 Acid) Meas | | | | | | | |
| OREAS 96 (4 Acid) Cert | | | | | | | |
| 283677 Orig | 2.22 | 0.41 | 0.08 | 0.01 | 0.011 | 2.08 | 100.4 |
| 283677 Dup | 2.22 | 0.41 | 0.09 | 0.01 | 0.010 | 2.06 | 100.3 |
| Method Blank | | | | | | | |
| Method Blank | | | | | | | |
| Method Blank | | | | | | | |
| Method Blank | | | | | | | |
| Method Blank | | | | | | | |
| Method Blank | | | | | | | |
| Method Blank | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.003 | | |



Date Submitted: 30-Aug-18
Invoice No.: A18-12170
Invoice Date: 24-Sep-18
Your Reference: 259

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-12170**

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.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font with a horizontal line underneath it.

Emmanuel Esemé , Ph.D.
Quality Control

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 |
| 283693 | 0.006 |
| 283694 | < 0.005 |
| 283695 | < 0.005 |
| 283696 | < 0.005 |
| 283697 | < 0.005 |
| 283698 | 0.005 |
| 283699 | < 0.005 |
| 283700 | < 0.005 |
| 283701 | < 0.005 |
| 283711 | 0.059 |
| 283712 | 2.196 |
| 283713 | < 0.005 |
| 283714 | < 0.005 |
| 283715 | < 0.005 |
| 283716 | < 0.005 |
| 283717 | 0.038 |
| 283718 | 0.019 |
| 283719 | 0.020 |
| 283720 | < 0.005 |
| 283721 | 0.009 |
| 283722 | < 0.005 |
| 283723 | 0.240 |
| 283724 | < 0.005 |

| | |
|-----------------------------|---------|
| Analyte Symbol | Au |
| Unit Symbol | ppm |
| Lower Limit | 0.005 |
| Method Code | FA-AA |
| OREAS 220 (Fire Assay) Meas | 0.870 |
| OREAS 220 (Fire Assay) Cert | 0.866 |
| OREAS 220 (Fire Assay) Meas | 0.844 |
| OREAS 220 (Fire Assay) Cert | 0.866 |
| OREAS 224 Meas | 2.193 |
| OREAS 224 Cert | 2.15 |
| OREAS 224 Meas | 2.136 |
| OREAS 224 Cert | 2.15 |
| 283711 Orig | 0.062 |
| 283711 Dup | 0.056 |
| 283721 Orig | 0.010 |
| 283721 Dup | 0.009 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |
| Method Blank | < 0.005 |

QA/QC Results Charts- 2020 Watershed West Surface Samples

| QA/QC Results - Blanks | | | | |
|-------------------------------------------------------|-------------|---------------|--------|--------|
| Lab: ActLabs Blank Code: BLKDIA Warning: 0.1 Au (ppm) | | | | |
| | | Total Samples | Passed | Failed |
| | | 8 | 8 | 0 |
| Date | Certificate | Sample | Pass | Fail |
| 12-Sep-17 | A17-08555 | 451524 | <0.005 | |
| 12-Sep-17 | A17-08555 | 451548 | <0.005 | |
| 24-Nov-17 | A17-09219 | 451572 | <0.005 | |
| 24-Nov-17 | A17-09219 | 451596 | <0.005 | |
| 29-Sep-17 | A17-10176 | 451625 | <0.005 | |
| 23-Jul-18 | 18B358704 | 283672 | <0.002 | |
| 25-Sep-18 | A18-12170 | 292696 | <0.005 | |
| 25-Sep-18 | A18-12170 | 283724 | <0.005 | |
| QA/QC Results - Standards | | | | |
| Lab: ActLabs Standard: OREAS 504b Mean: 1.61 Au (ppm) | | | | |
| Limits | | | | |
| | | 2s | 3s | |
| Upper | | 1.68 | 1.72 | |
| Lower | | 1.53 | 1.5 | |
| | | Total Samples | Passed | Failed |
| | | 2 | 1 | 1 |
| Date | Certificate | Sample | Pass | Fail |
| 12-Sep-17 | A17-08555 | 451560 | 1.504 | |
| 23-Jul-18 | 18B358704 | 283660 | | 1.48 |
| QA/QC Results - Standards | | | | |
| Lab: ActLabs Standard: OREAS 224 Mean: 2.154 Au (ppm) | | | | |
| Limits | | | | |
| | | 2s | 3s | |
| Upper | | 2.259 | 2.311 | |
| Lower | | 2.048 | 1.996 | |
| | | Total Samples | Passed | Failed |
| | | 2 | 2 | 0 |
| Date | Certificate | Sample | Pass | Fail |
| 12-Sep-17 | A17-08555 | 451512 | | 1.295 |
| 24-Oct-17 | A17-09902 | 451612 | 2.275 | |
| 25-Sep-18 | A18-12170 | 283712 | 2.196 | |

QA/QC Results Charts- 2018 Watershed West Surface Samples Cont.

| QA/QC Results - Standards | | | | |
|-----------------------------------------------------|-------------|---------------|--------|--------|
| Lab: ActLabs Standard: OREAS 501b Mean: 0.248 (ppm) | | | | |
| Limits | | | | |
| | | 2s | 3s | |
| Upper | | 0.267 | 0.276 | |
| Lower | | 0.229 | 0.219 | |
| | | Total Samples | Passed | Failed |
| | | 2 | 1 | 1 |
| Date | Certificate | Sample | Pass | Fail |
| 24-Nov-17 | A17-09219 | 451584 | 0.25 | |
| 21-Sep-18 | A18-11350 | 283684 | 0.235 | |

| QA/QC Results - Standards | | | | |
|-------------------------------------------------------|-------------|---------------|--------|--------|
| Lab: ActLabs Standard: OREAS 218 Mean: 0.531 Au (ppm) | | | | |
| Limits | | | | |
| | | 2s | 3s | |
| Upper | | 0.565 | 0.582 | |
| Lower | | 0.497 | 0.480 | |
| | | Total Samples | Passed | Failed |
| | | 2 | 1 | 1 |
| Date | Certificate | Sample | Pass | Fail |
| 12-Sep-17 | A17-08555 | 451536 | 0.56 | |

Appendix D

Daily Core Logging Activity Log and Daily Rates

Table D1: Geological mapping daily log

| Date | Personnel | Daily Log |
|-------------|------------------|--------------------------|
| 17-Oct-17 | Milauni Desai | RQD hole CD17-01 |
| 18-Oct-17 | Milauni Desai | RQD hole CD17-01 |
| 19-Oct-17 | Milauni Desai | RQD and log hole CD17-01 |
| 20-Oct-17 | Riadh Zellagui | Log hole CD17-01 |
| 21-Oct-17 | Riadh Zellagui | Log hole CD17-01 |
| 22-Oct-17 | Riadh Zellagui | Log hole CD17-01 |
| 23-Oct-17 | Riadh Zellagui | Log hole CD17-01 |
| 24-Oct-17 | Milauni Desai | Log hole CD17-03 |
| 25-Oct-17 | Milauni Desai | Log hole CD17-03 |
| 26-Oct-17 | Milauni Desai | Log hole CD17-03 |
| 27-Oct-17 | Milauni Desai | Log hole CD17-03 |
| 28-Oct-17 | Milauni Desai | Log hole CD17-03 |
| 29-Oct-17 | Milauni Desai | RQD and log hole CD17-04 |
| 30-Oct-17 | Milauni Desai | Log hole CD17-04 |
| 31-Oct-17 | Milauni Desai | Log hole CD17-07 |
| 01-Nov-17 | Milauni Desai | Log hole CD17-07 |
| 02-Nov-17 | Milauni Desai | Log hole CD17-07 |
| 03-Nov-17 | Milauni Desai | Log hole CD17-06 |
| 04-Nov-17 | Milauni Desai | Log hole CD17-06 |
| 05-Nov-17 | Milauni Desai | Log hole CD17-06 |
| 06-Nov-17 | Milauni Desai | Log hole CD17-05 |
| 07-Nov-17 | Milauni Desai | Log hole CD17-05 |
| 08-Nov-17 | Milauni Desai | Log hole CD17-05 |
| 09-Nov-17 | Milauni Desai | Log hole CD17-05 |
| 11-Nov-17 | Riadh Zellagui | Log hole CD17-09 |
| 12-Nov-17 | Riadh Zellagui | Log hole CD17-09 |
| | Milauni Desai | RQD hole CD17-09 |
| 13-Nov-17 | Riadh Zellagui | Log hole CD17-09 |
| | Milauni Desai | RQD hole CD17-09 |
| 14-Nov-17 | Riadh Zellagui | Log hole CD17-09 |
| | Milauni Desai | RQD hole CD17-08 |
| 15-Nov-17 | Riadh Zellagui | Log hole CD17-08 |
| | Milauni Desai | RQD hole CD17-08 |
| 16-Nov-17 | Riadh Zellagui | Log hole CD17-08 |
| 17-Nov-17 | Riadh Zellagui | Log hole CD17-08 |
| 18-Nov-17 | Riadh Zellagui | Log hole CD17-10 |
| 19-Nov-17 | Riadh Zellagui | Log hole CD17-10 |
| 20-Nov-17 | Riadh Zellagui | Log hole CD17-10 |
| 21-Nov-17 | Riadh Zellagui | Log hole CD17-10 |
| 22-Nov-17 | Milauni Desai | Log hole CD17-11 |
| 23-Nov-17 | Milauni Desai | Log hole CD17-11 |
| 24-Nov-17 | Milauni Desai | Log hole CD17-11 |
| 25-Nov-17 | Milauni Desai | Log hole CD17-11 |
| 26-Nov-17 | Milauni Desai | Log hole CD17-12 |
| 27-Nov-17 | Milauni Desai | Log hole CD17-12 |

Table D1 continued: Geological mapping daily log

| Date | Personnel | Daily Log |
|-------------|------------------|-------------------|
| 28-Nov-17 | Milauni Desai | Log hole CD17-12 |
| 29-Nov-17 | Milauni Desai | Log hole CD17-02 |
| 30-Nov-17 | Milauni Desai | Log hole CD17-02 |
| 01-Dec-17 | Milauni Desai | Log hole CD17-02 |
| 02-Dec-17 | Milauni Desai | Log hole CD17-13 |
| 03-Dec-17 | Milauni Desai | Log hole CD17-13 |
| 04-Dec-17 | Milauni Desai | Log hole CD17-13 |
| 05-Dec-17 | Milauni Desai | Log hole CD17-14 |
| 06-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| | Milauni Desai | RQD hole CD17-14 |
| 07-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| 08-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| 09-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| 10-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| 11-Dec-17 | Riadh Zellagui | Log hole CD17-14 |
| 12-Dec-17 | Riadh Zellagui | Log hole CD17-17A |
| 13-Dec-17 | Riadh Zellagui | Log hole CD17-17A |
| | Milauni Desai | RQD hole CD1717 |
| 14-Dec-17 | Riadh Zellagui | Log hole CD17-17A |
| | Milauni Desai | RQD hole CD1717 |
| 15-Dec-17 | Riadh Zellagui | Log hole CD17-17A |
| | Milauni Desai | RQD hole CD1717 |
| 16-Dec-17 | Riadh Zellagui | Log hole CD17-17A |
| | Milauni Desai | RQD hole CD1717 |
| 17-Dec-17 | Milauni Desai | Log hole CD17-15 |
| 18-Dec-17 | Milauni Desai | Log hole CD17-15 |
| 19-Dec-17 | Milauni Desai | Log hole CD17-15 |
| 20-Dec-17 | Milauni Desai | Log hole CD17-15 |
| 09-Jan-18 | Milauni Desai | Log hole CD17-16 |
| 10-Jan-18 | Milauni Desai | Log hole CD17-16 |
| 11-Jan-18 | Milauni Desai | Log hole CD17-16 |

Table D2: Daily Core Processing Log and Rates

| Personnel | Title | Daily Rate | Start Date | End Date | No. of Days Total |
|------------------|--------------------------|-------------------|-------------------|-----------------|--------------------------|
| Milauni Desai | Junior Geologist, G.I.T. | \$400.00 | 17-Oct-17 | 11-Jan-18 | 52 |
| Riadh Zellagui | Project Geologist | \$400.00 | 18-Oct-17 | 15-Dec-17 | 29 |
| Geotechnicians | Geotechnicians | \$300.00 | 20-Oct-17 | 16-Apr-18 | 112 |

Appendix E

Drill Hole Logs and Drill Hole Sections

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 16-Oct-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 19-Oct-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 23-Oct-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 428046.86 | Hole : | SURFACE |
| North : | 5268663.99 | Zone : | 17 |
| Elevation: | 392.9 | NAD : | NAD83 |

Target : Condemnation hole
 Comments : Logged by MD up to 51mLog completed from 51-231 by RZ

Drill Hole Report

Hole Number : CD17-001
Project : Cote Gold

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 120 | 320.8 | -62.3 | Reflex |
| 1 | 323.2 | -64.6 | Reflex | 123 | 320.7 | -62.2 | Reflex |
| 3 | 323.1 | -64.7 | Reflex | 126 | 320.5 | -62.1 | Reflex |
| 6 | 323.1 | -64.7 | Reflex | 129 | 320.9 | -62 | Reflex |
| 9 | 322.8 | -64.7 | Reflex | 132 | 320.2 | -62 | Reflex |
| 12 | 323.4 | -64.7 | Reflex | 135 | 320.2 | -62 | Reflex |
| 15 | 323.9 | -64.5 | Reflex | 138 | 319.8 | -62 | Reflex |
| 21 | 323.8 | -64.3 | Reflex | 141 | 320.2 | -62 | Reflex |
| 24 | 323.7 | -64.3 | Reflex | 144 | 320.9 | -61.8 | Reflex |
| 27 | 323.7 | -64.3 | Reflex | 147 | 320.1 | -62 | Reflex |
| 39 | 323.2 | -64.1 | Reflex | 150 | 320.1 | -62 | Reflex |
| 42 | 322.9 | -64.2 | Reflex | 153 | 330.1 | -61.9 | Reflex |
| 45 | 322.7 | -64.2 | Reflex | 156 | 320.3 | -61.9 | Reflex |
| 48 | 322.7 | -64.2 | Reflex | 159 | 319.8 | -62.1 | Reflex |
| 57 | 322.5 | -64.2 | Reflex | 162 | 320 | -62 | Reflex |
| 69 | 322.1 | -64 | Reflex | 165 | 319.9 | -62 | Reflex |
| 72 | 322.2 | -64.1 | Reflex | 168 | 319.9 | -62 | Reflex |
| 81 | 322.1 | -63.9 | Reflex | 171 | 320.2 | -61.8 | Reflex |
| 84 | 321.8 | -63.9 | Reflex | 174 | 320 | -61.9 | Reflex |
| 87 | 321.8 | -63.7 | Reflex | 177 | 319.8 | -62 | Reflex |
| 93 | 321.2 | -63.5 | Reflex | 183 | 319.6 | -62.1 | Reflex |
| 96 | 321.6 | -63.2 | Reflex | 186 | 319.5 | -62.1 | Reflex |
| 99 | 321.5 | -63.1 | Reflex | 189 | 319.5 | -62 | Reflex |
| 102 | 321.5 | -63.1 | Reflex | 195 | 319.5 | -61.8 | Reflex |
| 105 | 321.1 | -63 | Reflex | 198 | 319.4 | -61.8 | Reflex |
| 108 | 321.4 | -62.7 | Reflex | 204 | 319.2 | -61.6 | Reflex |
| 111 | 321.7 | -62.3 | Reflex | 207 | 319.2 | -61.5 | Reflex |
| 114 | 320.9 | -62.6 | Reflex | 210 | 319.3 | -61.4 | Reflex |
| 117 | 321 | -62.5 | Reflex | 213 | 319.3 | -61.2 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 216 | 319.3 | -61.1 | Reflex |
| 219 | 319.3 | -60.9 | Reflex |
| 222 | 319.3 | -60.8 | Reflex |
| 228 | 319 | -60.5 | Reflex |
| 231 | 319 | -60.3 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|---|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | | | |
| 2 | 3 | 637151 | A18-05017 | 1.98 | 2.5 | - | - | - | - | - | - | < DL |
| 3 | 4 | 637152 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | - | < DL |
| 4 | 5 | 637154 | A18-05017 | 2.19 | 2.5 | - | - | - | - | - | - | < DL |
| 5 | 6 | 637155 | A18-05017 | 2.23 | 2.5 | - | - | - | - | - | - | < DL |
| 6 | 7 | 637156 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | - | < DL |
| 7 | 8 | 637157 | A18-05017 | 2.28 | 2.5 | - | - | - | - | - | - | < DL |
| 8 | 9 | 637158 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | - | < DL |
| 9 | 10 | 637159 | A18-05017 | 2.15 | 2.5 | - | - | - | - | - | - | < DL |
| 10 | 11 | 637160 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | - | < DL |
| 11 | 12 | 637161 | A18-05017 | 1.94 | 2.5 | - | - | - | - | - | - | < DL |
| 12 | 13 | 637162 | A18-05017 | 2.23 | 2.5 | - | - | - | - | - | - | < DL |
| 13 | 14 | 637163 | A18-05017 | 2.32 | 2.5 | - | - | - | - | - | - | < DL |
| 14 | 15.14 | 637164 | A18-05017 | 2.14 | 2.5 | - | - | - | - | - | - | < DL |
| 15.14 | 16 | 637166 | A18-05017 | 2.26 | 2.5 | - | - | - | - | - | - | < DL |
| 16 | 17 | 637167 | A18-05017 | 2.34 | 2.5 | - | - | - | - | - | - | < DL |
| 17 | 18 | 637168 | A18-05017 | 1.85 | 2.5 | - | - | - | - | - | - | < DL |
| 18 | 19 | 637169 | A18-05017 | 2.18 | 2.5 | - | - | - | - | - | - | < DL |
| 19 | 20 | 637170 | A18-05017 | 1.98 | 2.5 | - | - | - | - | - | - | < DL |
| 20 | 21 | 637171 | A18-05017 | 2.16 | 2.5 | - | - | - | - | - | - | < DL |
| 21 | 22 | 637172 | A18-05017 | 2.22 | 2.5 | - | - | - | - | - | - | < DL |
| 22 | 23 | 637173 | A18-05017 | 2.33 | 2.5 | - | - | - | - | - | - | < DL |
| 23 | 23.83 | 637174 | A18-05017 | 1.71 | 2.5 | - | - | - | - | - | - | < DL |
| 23.83 | 25 | 637175 | A18-05017 | 2.69 | 2.5 | - | - | - | - | - | - | < DL |
| 25 | 25.75 | 637176 | A18-05017 | 1.71 | 2.5 | - | - | - | - | - | - | < DL |
| 25.75 | 26.51 | 637177 | A18-05017 | 1.68 | 2.5 | - | - | - | - | - | - | < DL |
| 26.51 | 27.59 | 637179 | A18-05017 | 2.3 | 2.5 | - | - | - | - | - | - | < DL |
| 27.59 | 28.83 | 637180 | A18-05017 | 2.56 | 2.5 | - | - | - | - | - | - | < DL |
| 28.83 | 29.6 | 637181 | A18-05017 | 1.31 | 2.5 | - | - | - | - | - | - | < DL |
| 29.6 | 30.45 | 637182 | A18-05017 | 2.11 | 79 | - | - | - | - | - | - | 0.08 |
| 30.45 | 31.57 | 637183 | A18-05017 | 2.26 | 2.5 | - | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 31.57 | 33 | 637184 | A18-05017 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34 | 637185 | A18-05017 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 637186 | A18-05017 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 637187 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 36 | 36.66 | 637188 | A18-05017 | 1.26 | 2.5 | - | - | - | - | - | < DL |
| 36.66 | 37.25 | 637189 | A18-05017 | 1.19 | 2.5 | - | - | - | - | - | < DL |
| 37.25 | 38 | 637191 | A18-05017 | 1.44 | 2.5 | - | - | - | - | - | < DL |
| 38 | 39 | 637192 | A18-05017 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40 | 637193 | A18-05017 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 40 | 41 | 637194 | A18-05017 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42 | 637195 | A18-05017 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43 | 637196 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 43 | 44 | 637197 | A18-05017 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 44 | 45 | 637198 | A18-05017r | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46 | 637199 | A18-05017r | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48 | 637200 | A18-05017r | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49 | 637201 | A18-05017r | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50 | 637202 | A18-05017r | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51 | 637204 | A18-05017r | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52 | 637205 | A18-05017r | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 52 | 53 | 637206 | A18-05017r | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 637207 | A18-05017r | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 637208 | A18-05017r | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 637209 | A18-05017 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57 | 637210 | A18-05017 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 637211 | A18-05017 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 637212 | A18-05017 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60 | 637213 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61 | 637214 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 61 | 62 | 637216 | A18-05017 | 1.95 | 6 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 62 | 63 | 637217 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64 | 637218 | A18-05017 | 1.87 | 5 | - | - | - | - | - | 0.01 |
| 64 | 65 | 637219 | A18-05017 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 637220 | A18-05017 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67 | 637221 | A18-05017 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 637222 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69.36 | 637223 | A18-05017 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 69.36 | 70.82 | 637224 | A18-05017 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 70.82 | 72 | 637225 | A18-05017 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 637226 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 637227 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75 | 637229 | A18-05017 | 1.92 | 6 | - | - | - | - | - | 0.01 |
| 75 | 76 | 637230 | A18-05017 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77 | 637231 | A18-05017 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 77 | 77.5 | 637232 | A18-05017 | 1.29 | 2.5 | - | - | - | - | - | < DL |
| 77.5 | 78 | 637233 | A18-05017 | 1.03 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79 | 637234 | A18-05017 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80 | 637235 | A18-05017 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 637236 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 637237 | A18-05017 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 637238 | A18-05017 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84 | 637239 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 637241 | A18-05017 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 637242 | A18-05017 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 637243 | A18-05017 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 637244 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 637245 | A18-05017 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 637246 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91 | 637247 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 637248 | A18-05017r | 1.99 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 92 | 93 | 637249 | A18-05017r | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94 | 637250 | A18-05017r | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 94 | 94.95 | 637251 | A18-05017r | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 94.95 | 96 | 637252 | A18-05017r | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97 | 637254 | A18-05017r | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 637255 | A18-05017r | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 637256 | A18-05017r | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100 | 637257 | A18-05017r | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 637258 | A18-05017r | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 637259 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 637260 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104 | 637261 | A18-05017 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 637262 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 637263 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 637264 | A18-05017 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108 | 637266 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109 | 637267 | A18-05017 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 637268 | A18-05017 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 637269 | A18-05017 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 637270 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 637271 | A18-05017 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 637272 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 637273 | A18-05017r | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 115 | 116 | 637274 | A18-05017r | 2 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 637275 | A18-05017r | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 637276 | A18-05017r | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 118 | 119 | 637277 | A18-05017r | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120 | 637279 | A18-05017r | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 637280 | A18-05017r | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 637281 | A18-05017r | 2.34 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 122 | 123 | 637282 | A18-05017r | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124 | 637283 | A18-05017r | 2 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 637284 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 125 | 125.95 | 637285 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 125.95 | 126.5 | 637286 | A18-05017 | 1.14 | 2.5 | - | - | - | - | - | < DL |
| 126.5 | 127.3 | 637287 | A18-05017 | 1.68 | 2.5 | - | - | - | - | - | < DL |
| 127.3 | 128 | 637288 | A18-05017 | 1.43 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129 | 637289 | A18-05017 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130 | 637291 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131 | 637292 | A18-05017 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 131 | 132 | 637293 | A18-05017 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133 | 637294 | A18-05017 | 1.81 | 2.5 | - | - | - | - | - | < DL |
| 133 | 134 | 637295 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 637296 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 135 | 135.55 | 637297 | A18-05017 | 1.3 | 2.5 | - | - | - | - | - | < DL |
| 135.55 | 136.35 | 637298 | A18-05017 | 1.51 | 2.5 | - | - | - | - | - | < DL |
| 136.35 | 137 | 637299 | A18-05017 | 1.3 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138 | 637300 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139 | 637301 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 139 | 140 | 637302 | A18-05017 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 637304 | A18-05017 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142 | 637305 | A18-05017 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143 | 637306 | A18-05017 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 637307 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145 | 637308 | A18-05017 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146 | 637309 | A18-05017 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147 | 637310 | A18-05017 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148 | 637311 | A18-05017 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149 | 637312 | A18-05017 | 2.03 | 9 | - | - | - | - | - | 0.01 |
| 149 | 150 | 637313 | A18-05017 | 1.94 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | MeshB | 100Mesh | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------|---------|-------|---------------|
| 150 | 151 | 637314 | A18-05017 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152 | 637316 | A18-05017 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 152 | 153 | 637317 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154 | 637318 | A18-05017 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155.06 | 637319 | A18-05017 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 155.06 | 156 | 637320 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 637321 | A18-05017 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 637322 | A18-05017 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 158 | 159 | 637323 | A18-05017 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160 | 637324 | A18-05017 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161 | 637325 | A18-05017 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162 | 637326 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163 | 637327 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164 | 637329 | A18-05017 | 2.15 | 5 | - | - | - | - | - | 0.01 |
| 164 | 165 | 637330 | A18-05017 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166 | 637331 | A18-05017 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167 | 637332 | A18-05017 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 167 | 168 | 637333 | A18-05017 | 2.06 | 30 | - | - | - | - | - | 0.03 |
| 168 | 169 | 637334 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 637335 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 637336 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 637337 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 637338 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 637339 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 637341 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 637342 | A18-05017 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177 | 637343 | A18-05017 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 637344 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179 | 637345 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 637346 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | MeshB | 100Mesh | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------|---------|-------|---------------|
| 180 | 181 | 637347 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182 | 637348 | A18-05017 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 182 | 183 | 637349 | A18-05017 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184 | 637350 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 637351 | A18-05017 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 637352 | A18-05017 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187 | 637354 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 187 | 188.3 | 637355 | A18-05017 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 188.3 | 189 | 637356 | A18-05017 | 1.39 | 2.5 | - | - | - | - | - | < DL |
| 189 | 189.78 | 637357 | A18-05017 | 1.4 | 2.5 | - | - | - | - | - | < DL |
| 189.78 | 191 | 637358 | A18-05017 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 637359 | A18-05017 | 2.06 | 5 | - | - | - | - | - | 0.01 |
| 192 | 193 | 637360 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 637361 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 637362 | A18-05017 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196 | 637363 | A18-05017 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 196 | 197 | 637364 | A18-05017 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 197 | 198 | 637366 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 637367 | A18-05017 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200.02 | 637368 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 200.02 | 201 | 637369 | A18-05017 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 637370 | A18-05017 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 202 | 203 | 637371 | A18-05017 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204 | 637372 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 637373 | A18-05017 | 2 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 637374 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 637375 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208 | 637376 | A18-05017 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 208 | 209 | 637377 | A18-05017 | 1.99 | 7 | - | - | - | - | - | 0.01 |
| 209 | 210 | 637379 | A18-05017 | 1.63 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 210 | 211 | 637380 | A18-05017 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 637381 | A18-05017 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 637382 | A18-05017 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 637383 | A18-05017 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 637384 | A18-05017 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 637385 | A18-05017 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 637386 | A18-05017 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218 | 637387 | A18-05017 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 637388 | A18-05017 | 1.67 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220 | 637389 | A18-05017 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221 | 637391 | A18-05017 | 1.81 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 637392 | A18-05017 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223 | 637393 | A18-05017 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 637394 | A18-05017 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 637395 | A18-05017 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226 | 637396 | A18-05017 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 226 | 227 | 637397 | A18-05017 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 637398 | A18-05017 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 637399 | A18-05017 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 229 | 230 | 637400 | A18-05017 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 637401 | A18-05017 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 46 | 47 | 638508 | A18-05017 | 1.82 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | |
|------------------|-----------|--------------------|------|-----------|----------------------|--------------------------|---------------------|--|--|
| Type | Style | Intensity | Type | Style | % Min | | | | |
| SI | Silica | PV Prevasive | 1 | Very Weak | Py Pyrite | DIS Disseminated | % of mineralization | | |
| AB | Albite | SPV Semi-Pervasive | 2 | Weak | Cpy Chalcopyrite | MTX Matrix-controlled | | | |
| SR | Sericite | SEL Selective | 3 | Moderate | Po Pyrrhotite | STR Structure-controlled | | | |
| CL | Chlorite | | 4 | Strong | Au Native Gold | | | | |
| BO | Biotite | | 5 | Biotite | Mo Molybdenite | | | | |
| HM | Hematite | | | | Aspy Arsenopyrite | | | | |
| CB | Carbonite | | | | Te Telluride | | | | |
| LX | Leucoxene | | | | Cu Native Copper | | | | |
| EP | Epidote | | | | Sph Sphalerite | | | | |
| MG | Magnetite | | | | | | | | |
| FU | Fuschite | | | | | | | | |
| AG | Argilitic | | | | | | | | |
| AK | Ankerite | | | | | | | | |
| AM | Amphibole | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 2 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|-----|------|-----------------|
| 2 | 231 | FVOL | Felsic volcanic |
|---|-----|------|-----------------|

Succession of Lappilli tuf, sheared crystal tuf and crystal tuf
 ; 2-15m : lappilli tuf - strongly sheared and altered interval from 2.37-15m - lapilli are elongated
 ; 15-36.66: sheared crystal tuf (CB crystal are elongated)
 ; 36.66-71.55m: crystal tuff with 2% to up to 10% crystal (euhedric CB)
 ; 71.55-77.98m: sheared crystal tuf
 ; 77.98-135.55: lappilli tuf - strongly sheared and altered interval - lapilli are elongated
 ; 135.55-137.6: sheared crystal tuf
 ; 137.6-178.55 : altered crystal tuf - SR strong pervasive alteration
 ; 178.55-179.75: sheared crystal tuf
 ; 179.75-231: lappilli tuf - strongly sheared and altered interval - lapilli are more bigger size (pluri-cm)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 2 | 15 | AB | PV | 3 | 2 | 231 | CPY | DIS | 0.05 | 637151 | 2 | 3 | <0.005 |
| 2 | 15 | SI | PV | 3 | 2 | 231 | PY | DIS | 0.05 | 637152 | 3 | 4 | <0.005 |
| 2 | 15 | SR | PV | 5 | | | | | | 637154 | 4 | 5 | <0.005 |
| 15 | 25.75 | SR | PV | 5 | | | | | | 637155 | 5 | 6 | <0.005 |
| 25.75 | 33.1 | CL | SPV | 5 | | | | | | 637156 | 6 | 7 | <0.005 |
| 25.75 | 33.1 | SR | PV | 5 | | | | | | 637157 | 7 | 8 | <0.005 |
| 33.1 | 33.66 | SR | PV | 5 | | | | | | 637158 | 8 | 9 | <0.005 |
| 33.66 | 71.55 | CB | PV | 5 | | | | | | 637159 | 9 | 10 | <0.005 |
| 33.66 | 71.55 | SR | PV | 5 | | | | | | 637160 | 10 | 11 | <0.005 |
| 71.55 | 77.98 | SR | PV | 5 | | | | | | 637161 | 11 | 12 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----|---|--------|-------|-------|--------|--|
| 77.98 | 135.55 | AB | PV | 3 | 637162 | 12 | 13 | <0.005 | |
| 77.98 | 135.55 | SI | PV | 3 | 637163 | 13 | 14 | <0.005 | |
| 77.98 | 135.55 | SR | PV | 5 | 637164 | 14 | 15.14 | <0.005 | |
| 135.55 | 179.75 | SR | PV | 5 | 637166 | 15.14 | 16 | <0.005 | |
| 179.75 | 231 | AB | PV | 2 | 637167 | 16 | 17 | <0.005 | |
| 179.75 | 231 | SI | PV | 2 | 637168 | 17 | 18 | <0.005 | |
| 179.75 | 231 | SR | PV | 5 | 637169 | 18 | 19 | <0.005 | |
| | | | | | 637170 | 19 | 20 | <0.005 | |
| | | | | | 637171 | 20 | 21 | <0.005 | |
| | | | | | 637172 | 21 | 22 | <0.005 | |
| | | | | | 637173 | 22 | 23 | <0.005 | |
| | | | | | 637174 | 23 | 23.83 | <0.005 | |
| | | | | | 637175 | 23.83 | 25 | <0.005 | |
| | | | | | 637176 | 25 | 25.75 | <0.005 | |
| | | | | | 637177 | 25.75 | 26.51 | <0.005 | |
| | | | | | 637179 | 26.51 | 27.59 | <0.005 | |
| | | | | | 637180 | 27.59 | 28.83 | <0.005 | |
| | | | | | 637181 | 28.83 | 29.6 | <0.005 | |
| | | | | | 637182 | 29.6 | 30.45 | 0.08 | |
| | | | | | 637183 | 30.45 | 31.57 | <0.005 | |
| | | | | | 637184 | 31.57 | 33 | <0.005 | |
| | | | | | 637185 | 33 | 34 | <0.005 | |
| | | | | | 637186 | 34 | 35 | <0.005 | |
| | | | | | 637187 | 35 | 36 | <0.005 | |
| | | | | | 637188 | 36 | 36.66 | <0.005 | |
| | | | | | 637189 | 36.66 | 37.25 | <0.005 | |
| | | | | | 637191 | 37.25 | 38 | <0.005 | |
| | | | | | 637192 | 38 | 39 | <0.005 | |
| | | | | | 637193 | 39 | 40 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 637194 | 40 | 41 <0.005 |
| 637195 | 41 | 42 <0.005 |
| 637196 | 42 | 43 <0.005 |
| 637197 | 43 | 44 <0.005 |
| 637198 | 44 | 45 <0.005 |
| 637199 | 45 | 46 <0.005 |
| 637200 | 47 | 48 <0.005 |
| 637201 | 48 | 49 <0.005 |
| 637202 | 49 | 50 <0.005 |
| 637204 | 50 | 51 <0.005 |
| 637205 | 51 | 52 <0.005 |
| 637206 | 52 | 53 <0.005 |
| 637207 | 53 | 54 <0.005 |
| 637208 | 54 | 55 <0.005 |
| 637209 | 55 | 56 <0.005 |
| 637210 | 56 | 57 <0.005 |
| 637211 | 57 | 58 <0.005 |
| 637212 | 58 | 59 <0.005 |
| 637213 | 59 | 60 <0.005 |
| 637214 | 60 | 61 <0.005 |
| 637216 | 61 | 62 0.01 |
| 637217 | 62 | 63 <0.005 |
| 637218 | 63 | 64 0.01 |
| 637219 | 64 | 65 <0.005 |
| 637220 | 65 | 66 <0.005 |
| 637221 | 66 | 67 <0.005 |
| 637222 | 67 | 68 <0.005 |
| 637223 | 68 | 69.36 <0.005 |
| 637224 | 69.36 | 70.82 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 637225 | 70.82 | 72 <0.005 |
| 637226 | 72 | 73 <0.005 |
| 637227 | 73 | 74 <0.005 |
| 637229 | 74 | 75 0.01 |
| 637230 | 75 | 76 <0.005 |
| 637231 | 76 | 77 <0.005 |
| 637232 | 77 | 77.5 <0.005 |
| 637233 | 77.5 | 78 <0.005 |
| 637234 | 78 | 79 <0.005 |
| 637235 | 79 | 80 <0.005 |
| 637236 | 80 | 81 <0.005 |
| 637237 | 81 | 82 <0.005 |
| 637238 | 82 | 83 <0.005 |
| 637239 | 83 | 84 <0.005 |
| 637241 | 84 | 85 <0.005 |
| 637242 | 85 | 86 <0.005 |
| 637243 | 86 | 87 <0.005 |
| 637244 | 87 | 88 <0.005 |
| 637245 | 88 | 89 <0.005 |
| 637246 | 89 | 90 <0.005 |
| 637247 | 90 | 91 <0.005 |
| 637248 | 91 | 92 <0.005 |
| 637249 | 92 | 93 <0.005 |
| 637250 | 93 | 94 <0.005 |
| 637251 | 94 | 94.95 <0.005 |
| 637252 | 94.95 | 96 <0.005 |
| 637254 | 96 | 97 <0.005 |
| 637255 | 97 | 98 <0.005 |
| 637256 | 98 | 99 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 637257 | 99 | 100 <0.005 |
| 637258 | 100 | 101 <0.005 |
| 637259 | 101 | 102 <0.005 |
| 637260 | 102 | 103 <0.005 |
| 637261 | 103 | 104 <0.005 |
| 637262 | 104 | 105 <0.005 |
| 637263 | 105 | 106 <0.005 |
| 637264 | 106 | 107 <0.005 |
| 637266 | 107 | 108 <0.005 |
| 637267 | 108 | 109 <0.005 |
| 637268 | 109 | 110 <0.005 |
| 637269 | 110 | 111 <0.005 |
| 637270 | 111 | 112 <0.005 |
| 637271 | 112 | 113 <0.005 |
| 637272 | 113 | 114 <0.005 |
| 637273 | 114 | 115 <0.005 |
| 637274 | 115 | 116 <0.005 |
| 637275 | 116 | 117 <0.005 |
| 637276 | 117 | 118 <0.005 |
| 637277 | 118 | 119 <0.005 |
| 637279 | 119 | 120 <0.005 |
| 637280 | 120 | 121 <0.005 |
| 637281 | 121 | 122 <0.005 |
| 637282 | 122 | 123 <0.005 |
| 637283 | 123 | 124 <0.005 |
| 637284 | 124 | 125 <0.005 |
| 637285 | 125 | 125.95 <0.005 |
| 637286 | 125.95 | 126.5 <0.005 |
| 637287 | 126.5 | 127.3 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 637288 | 127.3 | 128 <0.005 |
| 637289 | 128 | 129 <0.005 |
| 637291 | 129 | 130 <0.005 |
| 637292 | 130 | 131 <0.005 |
| 637293 | 131 | 132 <0.005 |
| 637294 | 132 | 133 <0.005 |
| 637295 | 133 | 134 <0.005 |
| 637296 | 134 | 135 <0.005 |
| 637297 | 135 | 135.55 <0.005 |
| 637298 | 135.55 | 136.35 <0.005 |
| 637299 | 136.35 | 137 <0.005 |
| 637300 | 137 | 138 <0.005 |
| 637301 | 138 | 139 <0.005 |
| 637302 | 139 | 140 <0.005 |
| 637304 | 140 | 141 <0.005 |
| 637305 | 141 | 142 <0.005 |
| 637306 | 142 | 143 <0.005 |
| 637307 | 143 | 144 <0.005 |
| 637308 | 144 | 145 <0.005 |
| 637309 | 145 | 146 <0.005 |
| 637310 | 146 | 147 <0.005 |
| 637311 | 147 | 148 <0.005 |
| 637312 | 148 | 149 0.01 |
| 637313 | 149 | 150 <0.005 |
| 637314 | 150 | 151 <0.005 |
| 637316 | 151 | 152 <0.005 |
| 637317 | 152 | 153 <0.005 |
| 637318 | 153 | 154 <0.005 |
| 637319 | 154 | 155.06 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------|
| 637320 | 155.06 | 156 <0.005 |
| 637321 | 156 | 157 <0.005 |
| 637322 | 157 | 158 <0.005 |
| 637323 | 158 | 159 <0.005 |
| 637324 | 159 | 160 <0.005 |
| 637325 | 160 | 161 <0.005 |
| 637326 | 161 | 162 <0.005 |
| 637327 | 162 | 163 <0.005 |
| 637329 | 163 | 164 0.01 |
| 637330 | 164 | 165 <0.005 |
| 637331 | 165 | 166 <0.005 |
| 637332 | 166 | 167 <0.005 |
| 637333 | 167 | 168 0.03 |
| 637334 | 168 | 169 <0.005 |
| 637335 | 169 | 170 <0.005 |
| 637336 | 170 | 171 <0.005 |
| 637337 | 171 | 172 <0.005 |
| 637338 | 172 | 173 <0.005 |
| 637339 | 173 | 174 <0.005 |
| 637341 | 174 | 175 <0.005 |
| 637342 | 175 | 176 <0.005 |
| 637343 | 176 | 177 <0.005 |
| 637344 | 177 | 178 <0.005 |
| 637345 | 178 | 179 <0.005 |
| 637346 | 179 | 180 <0.005 |
| 637347 | 180 | 181 <0.005 |
| 637348 | 181 | 182 <0.005 |
| 637349 | 182 | 183 <0.005 |
| 637350 | 183 | 184 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|---------------|
| 637351 | 184 | 185 <0.005 |
| 637352 | 185 | 186 <0.005 |
| 637354 | 186 | 187 <0.005 |
| 637355 | 187 | 188.3 <0.005 |
| 637356 | 188.3 | 189 <0.005 |
| 637357 | 189 | 189.78 <0.005 |
| 637358 | 189.78 | 191 <0.005 |
| 637359 | 191 | 192 0.01 |
| 637360 | 192 | 193 <0.005 |
| 637361 | 193 | 194 <0.005 |
| 637362 | 194 | 195 <0.005 |
| 637363 | 195 | 196 <0.005 |
| 637364 | 196 | 197 <0.005 |
| 637366 | 197 | 198 <0.005 |
| 637367 | 198 | 199 <0.005 |
| 637368 | 199 | 200.02 <0.005 |
| 637369 | 200.02 | 201 <0.005 |
| 637370 | 201 | 202 <0.005 |
| 637371 | 202 | 203 <0.005 |
| 637372 | 203 | 204 <0.005 |
| 637373 | 204 | 205 <0.005 |
| 637374 | 205 | 206 <0.005 |
| 637375 | 206 | 207 <0.005 |
| 637376 | 207 | 208 <0.005 |
| 637377 | 208 | 209 0.01 |
| 637379 | 209 | 210 <0.005 |
| 637380 | 210 | 211 <0.005 |
| 637381 | 211 | 212 <0.005 |
| 637382 | 212 | 213 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|------------|
| 637383 | 213 | 214 <0.005 |
| 637384 | 214 | 215 <0.005 |
| 637385 | 215 | 216 <0.005 |
| 637386 | 216 | 217 <0.005 |
| 637387 | 217 | 218 <0.005 |
| 637388 | 218 | 219 <0.005 |
| 637389 | 219 | 220 <0.005 |
| 637391 | 220 | 221 <0.005 |
| 637392 | 221 | 222 <0.005 |
| 637393 | 222 | 223 <0.005 |
| 637394 | 223 | 224 <0.005 |
| 637395 | 224 | 225 <0.005 |
| 637396 | 225 | 226 <0.005 |
| 637397 | 226 | 227 <0.005 |
| 637398 | 227 | 228 <0.005 |
| 637399 | 228 | 229 <0.005 |
| 637400 | 229 | 230 <0.005 |
| 637401 | 230 | 231 <0.005 |
| 638508 | 46 | 47 <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 182.7 | Length : | 6 | Dimension : | NQ |
| Dip : | -64.6 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 21-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 23-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 28-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427916.81 | Hole : | SURFACE |
| North : | 5267978.37 | Zone : | 17 |
| Elevation: | 395.82 | NAD : | NAD83 |

Target : TMF
 Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 182.7 | -64.6 | TN14 | 96 | 180.4 | -61.5 | Reflex |
| 6 | 179 | -64.6 | Reflex | 99 | 180.6 | -61.4 | Reflex |
| 9 | 179.3 | -64.5 | Reflex | 105 | 180.6 | -61.2 | Reflex |
| 15 | 179.9 | -64.4 | Reflex | 108 | 180.6 | -61.1 | Reflex |
| 18 | 180.3 | -64.3 | Reflex | 111 | 180.4 | -61 | Reflex |
| 21 | 180.1 | -64.2 | Reflex | 114 | 180.5 | -60.9 | Reflex |
| 24 | 180.1 | -64.1 | Reflex | 117 | 180.2 | -60.9 | Reflex |
| 27 | 180.3 | -64 | Reflex | 120 | 180.5 | -60.7 | Reflex |
| 30 | 180.4 | -63.9 | Reflex | 123 | 180.2 | -60.6 | Reflex |
| 33 | 180.3 | -63.8 | Reflex | 126 | 180.2 | -60.5 | Reflex |
| 36 | 180.4 | -63.7 | Reflex | 129 | 180.3 | -60.4 | Reflex |
| 39 | 180.3 | -63.7 | Reflex | 132 | 180.1 | -60.2 | Reflex |
| 42 | 180.4 | -63.5 | Reflex | 135 | 180.1 | -60 | Reflex |
| 45 | 180.5 | -63.4 | Reflex | 138 | 180.1 | -59.7 | Reflex |
| 48 | 180.4 | -63.4 | Reflex | 141 | 179.8 | -59.4 | Reflex |
| 54 | 180.6 | -63.1 | Reflex | 144 | 179.6 | -59.1 | Reflex |
| 57 | 180.6 | -62.9 | Reflex | 147 | 179.3 | -58.8 | Reflex |
| 60 | 180.5 | -62.8 | Reflex | 150 | 179.9 | -57.8 | Reflex |
| 63 | 180.5 | -62.7 | Reflex | 153 | 178.7 | -57.8 | Reflex |
| 66 | 180.4 | -62.6 | Reflex | 156 | 178.6 | -57.3 | Reflex |
| 69 | 180.2 | -62.5 | Reflex | 159 | 178.7 | -56.8 | Reflex |
| 72 | 180.4 | -62.3 | Reflex | 162 | 178.9 | -56.5 | Reflex |
| 75 | 180.5 | -62.2 | Reflex | 165 | 179 | -56.1 | Reflex |
| 78 | 180.4 | -62.1 | Reflex | 168 | 179.4 | -55.7 | Reflex |
| 81 | 180.5 | -62 | Reflex | 171 | 179.3 | -55.3 | Reflex |
| 84 | 180.4 | -61.9 | Reflex | 174 | 179.1 | -55 | Reflex |
| 87 | 180.4 | -61.8 | Reflex | 177 | 179.1 | -54.7 | Reflex |
| 90 | 180.6 | -61.7 | Reflex | 180 | 179.1 | -54.1 | Reflex |
| 93 | 180.5 | -61.6 | Reflex | 183 | 179.3 | -53.7 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 186 | 179.5 | -53.3 | Reflex |
| 189 | 179.7 | -53 | Reflex |
| 192 | 179.7 | -52.9 | Reflex |
| 195 | 179.8 | -52.8 | Reflex |
| 198 | 179.7 | -52.7 | Reflex |
| 201 | 179.3 | -52.7 | Reflex |
| 204 | 179.9 | -52.6 | Reflex |
| 207 | 180 | -52.5 | Reflex |
| 210 | 180.1 | -52.5 | Reflex |
| 213 | 180.3 | -52.4 | Reflex |
| 216 | 180.2 | -52.3 | Reflex |
| 219 | 180.4 | -52.2 | Reflex |
| 222 | 180.5 | -52.1 | Reflex |
| 225 | 180.5 | -52 | Reflex |
| 228 | 180.5 | -51.9 | Reflex |
| 231 | 179.3 | -52.7 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 0 | 1 | 460177 | A18-03361 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 1 | 2 | 460179 | A18-03361 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 2 | 2.5 | 460180 | A18-03361 | 1.27 | 2.5 | - | - | - | - | - | < DL |
| 2.5 | 3.5 | 460181 | A18-03361 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 3.5 | 5 | 460182 | A18-03361 | 3.05 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6.5 | 460183 | A18-03361 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 6.5 | 7.72 | 460184 | A18-03361 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 7.72 | 9 | 460185 | A18-03361 | 3.47 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10.5 | 460186 | A18-03361 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 10.5 | 12 | 460187 | A18-03361 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 460188 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 460189 | A18-03361 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16.5 | 460191 | A18-03361 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 17 | 460192 | A18-03361 | 1.02 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 460193 | A18-03361 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 460194 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 460195 | A18-03361 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 460196 | A18-03361 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 460197 | A18-03361 | 2.71 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 460198 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 460199 | A18-03361 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 460200 | A18-03361 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 460201 | A18-03361 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31.5 | 460202 | A18-03361 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 460204 | A18-03361 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34.5 | 460205 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 34.5 | 36 | 460206 | A18-03361 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37.5 | 460207 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 37.5 | 39 | 460208 | A18-03361 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40.5 | 460209 | A18-03361 | 3.28 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 40.5 | 42 | 460210 | A18-03361 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.5 | 460211 | A18-03361 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 43.5 | 45 | 460212 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46.5 | 460213 | A18-03361 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 46.5 | 48 | 460214 | A18-03361 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49.5 | 460216 | A18-03361 | 3.47 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 460217 | A18-03361 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.5 | 460218 | A18-03361 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 52.5 | 54 | 460219 | A18-03361 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 460220 | A18-03361 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56.5 | 460221 | A18-03361 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 56.5 | 58 | 460222 | A18-03361 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 460223 | A18-03361 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60 | 460224 | A18-03361 | 2.21 | 5 | - | - | - | - | - | 0.01 |
| 60 | 61.5 | 460225 | A18-03361 | 2.8 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 62.5 | 460226 | A18-03361 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 62.5 | 64 | 460227 | A18-03361 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 64 | 65 | 460229 | A18-03361 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 460230 | A18-03361 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67 | 460231 | A18-03361 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 460232 | A18-03361 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 460233 | A18-03361 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 460234 | A18-03361 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 460235 | A18-03361 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73.5 | 460236 | A18-03361 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 73.5 | 75 | 460237 | A18-03361 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 460238 | A18-03361 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 76.5 | 78 | 460239 | A18-03361 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 460241 | A18-03361 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 460242 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 81 | 82.5 | 460243 | A18-03361 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 82.5 | 84 | 460244 | A18-03361 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 460245 | A18-03361 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 460246 | A18-03361 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87.5 | 460247 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 87.5 | 89 | 460248 | A18-03361 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 460249 | A18-03361 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 90 | 90.5 | 460250 | A18-03361 | 1.15 | 2.5 | - | - | - | - | - | < DL |
| 90.5 | 92 | 460251 | A18-03361 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93.5 | 460252 | A18-03361 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 93.5 | 95 | 460254 | A18-03361 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96.5 | 460255 | A18-03361 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 96.5 | 98 | 460256 | A18-03361 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99.5 | 460257 | A18-03361 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 99.5 | 101 | 460258 | A18-03361 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102.5 | 460259 | A18-03361 | 3.22 | 13 | - | - | - | - | - | 0.01 |
| 102.5 | 104 | 460260 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105.5 | 460261 | A18-03361 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 105.5 | 107 | 460262 | A18-03361 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108.5 | 460263 | A18-03361 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 108.5 | 110 | 460264 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111.5 | 460266 | A18-03361 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 111.5 | 113 | 460267 | A18-03361 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114.5 | 460268 | A18-03361 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 114.5 | 116 | 460269 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117.5 | 460270 | A18-03361 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 117.5 | 119 | 460271 | A18-03361 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120.5 | 460272 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 120.5 | 122 | 460273 | A18-03361 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123.5 | 460274 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 123.5 | 125 | 460275 | A18-03361 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126.5 | 460276 | A18-03361 | 2.99 | 2.5 | - | - | - | - | - | < DL |
| 126.5 | 128 | 460277 | A18-03361 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129.5 | 460279 | A18-03361 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 129.5 | 131 | 460280 | A18-03361 | 3.11 | 2.5 | - | - | - | - | - | < DL |
| 131 | 132.5 | 460281 | A18-03361 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 132.5 | 134 | 460282 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135.5 | 460283 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 135.5 | 137 | 460284 | A18-03361 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138.5 | 460285 | A18-03361 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 138.5 | 140 | 460286 | A18-03361 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141.5 | 460287 | A18-03361 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 141.5 | 143 | 460288 | A18-03361 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 460289 | A18-03361 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145 | 460291 | A18-03361 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146.5 | 460292 | A18-03361 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 146.5 | 148 | 460293 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149.5 | 460294 | A18-03361 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 149.5 | 151 | 460295 | A18-03361 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152.5 | 460296 | A18-03361 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 152.5 | 154 | 460297 | A18-03361 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155 | 460298 | A18-03361 | 2.3 | 28 | - | - | - | - | - | 0.03 |
| 155 | 156.5 | 460299 | A18-03361 | 3.36 | 5 | - | - | - | - | - | 0.01 |
| 156.5 | 158 | 460300 | A18-03361 | 3.37 | 11 | - | - | - | - | - | 0.01 |
| 158 | 159 | 460301 | A18-03361 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160 | 460302 | A18-03361 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161.5 | 460304 | A18-03361 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 161.5 | 163 | 460305 | A18-03361 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164.5 | 460306 | A18-03361 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 164.5 | 166 | 460307 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 166 | 167.5 | 460308 | A18-03361 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 167.5 | 169 | 460309 | A18-03361 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170.5 | 460310 | A18-03361 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 170.5 | 172 | 460311 | A18-03361 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173.5 | 460312 | A18-03361 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 173.5 | 175 | 460313 | A18-03361 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 460314 | A18-03361 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177.5 | 460316 | A18-03361 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 177.5 | 179 | 460317 | A18-03361 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 460318 | A18-03361 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181.5 | 460319 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 181.5 | 183 | 460320 | A18-03361 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 460321 | A18-03361 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 186 | 460322 | A18-03361 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 460323 | A18-03361 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 460324 | A18-03361 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190 | 460325 | A18-03361 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 190 | 191 | 460326 | A18-03361 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 460327 | A18-03361 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193 | 460329 | A18-03361 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 460330 | A18-03361 | 1.51 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 460331 | A18-03361 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.5 | 460332 | A18-03361 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 196.5 | 198 | 460333 | A18-03361 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 460334 | A18-03361 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 460335 | A18-03361 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202.5 | 460336 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 460337 | A18-03361 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 460338 | A18-03361 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 460339 | A18-03361 | 3.38 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 207 | 208.5 | 460341 | A18-03361 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 460342 | A18-03361 | 3.11 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211.5 | 460343 | A18-03361 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 211.5 | 213 | 460344 | A18-03361 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214.5 | 460345 | A18-03361 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 214.5 | 216 | 460346 | A18-03361 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217.5 | 460347 | A18-03361 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 217.5 | 219 | 460348 | A18-03361 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220.5 | 460349 | A18-03361 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 220.5 | 222 | 460350 | A18-03361 | 3.23 | 9 | - | - | - | - | - | 0.01 |
| 222 | 223.5 | 460351 | A18-03361 | 3.33 | 7 | - | - | - | - | - | 0.01 |
| 223.5 | 225 | 460352 | A18-03361 | 3.22 | 6 | - | - | - | - | - | 0.01 |
| 225 | 226.5 | 460354 | A18-03361 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 226.5 | 228 | 460355 | A18-03361 | 3.51 | 7 | - | - | - | - | - | 0.01 |
| 228 | 229.5 | 460356 | A18-03361 | 3.35 | 9 | - | - | - | - | - | 0.01 |
| 229.5 | 230 | 460357 | A18-03361 | 0.644 | 13 | - | - | - | - | - | 0.01 |
| 230 | 231 | 460358 | A18-03361 | 2 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------|
| 0 | 3 | OV | Overburden |

| Sample | From | To | Best Au (ppm) |
|--------|------|-----|---------------|
| 460177 | 0 | 1 | <0.005 |
| 460179 | 1 | 2 | <0.005 |
| 460180 | 2 | 2.5 | <0.005 |

3 231 MVOL Mafic volcanic tuff (could be a massive flow?)
 ; Unit appear very felsic in terms of colour, but does not have a enough of silica present to conclude felsic; They look like mafic volcanic that is bleached due to strong carbonate alteration;
 ; Overall well foliated (locally weakly foliated in certain intervals); moderate amount of folded deformed carbonate stringers parallel to the foliation;
 ;
 ; 68-81m elongated chlorite clots sub parallel to the foliation;
 ;
 ; 89.86-102m strongly sheared, locally appears laminated, minor foldings close to quartz carbonate vein ;
 ;
 ; 105.90-109.38m moderately foliated, carbonate crystals are not completely deformed and their size ranges from 0.2mm-0.3cm
 ;
 ; 224-231m well foliated and appears laminated in certain areas, 0.05% pyrite mineralization in the matrix as well as in carbonate stringers

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 4.62 | 8.36 | CB | SEL | 4 | | | | | | 460181 | 2.5 | 3.5 | <0.005 |
| 4.62 | 8.36 | SI | SPV | 2 | | | | | | 460182 | 3.5 | 5 | <0.005 |
| 4.62 | 8.36 | SR | SEL | 2 | | | | | | 460183 | 5 | 6.5 | <0.005 |
| 8.36 | 69 | CB | SEL | 4 | | | | | | 460184 | 6.5 | 7.72 | <0.005 |
| 8.36 | 69 | CL | SEL | 2 | | | | | | 460185 | 7.72 | 9 | <0.005 |
| 8.36 | 69 | SI | SPV | 2 | | | | | | 460186 | 9 | 10.5 | <0.005 |
| 69 | 73 | CB | SEL | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|------|------|--------|--|
| 69 | 73 | SR | SPV | 2 | 460187 | 10.5 | 12 | <0.005 | |
| 73 | 89.86 | CB | SEL | 3 | 460188 | 12 | 13.5 | <0.005 | |
| 73 | 89.86 | CL | SEL | 3 | 460189 | 13.5 | 15 | <0.005 | |
| 73 | 89.86 | SR | SPV | 1 | 460191 | 15 | 16.5 | <0.005 | |
| 89.86 | 102 | CB | SEL | 3 | 460192 | 16.5 | 17 | <0.005 | |
| 89.86 | 102 | SR | SPV | 2 | 460193 | 17 | 18 | <0.005 | |
| 102 | 141.52 | CB | SEL | 4 | 460194 | 18 | 19.5 | <0.005 | |
| 102 | 141.52 | CL | SEL | 2 | 460195 | 19.5 | 21 | <0.005 | |
| 102 | 141.52 | SI | PV | 1 | 460196 | 21 | 22.5 | <0.005 | |
| 141.52 | 149.03 | CB | SEL | 4 | 460197 | 22.5 | 24 | <0.005 | |
| 141.52 | 149.03 | CL | SEL | 4 | 460198 | 24 | 25.5 | <0.005 | |
| 149.03 | 158.69 | CB | SEL | 4 | 460199 | 25.5 | 27 | <0.005 | |
| 149.03 | 158.69 | CL | SEL | 2 | 460200 | 27 | 28.5 | <0.005 | |
| 158.69 | 192 | CB | SEL | 2 | 460201 | 28.5 | 30 | <0.005 | |
| 158.69 | 192 | SI | PV | 3 | 460202 | 30 | 31.5 | <0.005 | |
| 192 | 231 | CB | SEL | 1 | 460204 | 31.5 | 33 | <0.005 | |
| 192 | 231 | CL | SEL | 2 | 460205 | 33 | 34.5 | <0.005 | |
| 192 | 231 | SI | PV | 3 | 460206 | 34.5 | 36 | <0.005 | |
| | | | | | 460207 | 36 | 37.5 | <0.005 | |
| | | | | | 460208 | 37.5 | 39 | <0.005 | |
| | | | | | 460209 | 39 | 40.5 | <0.005 | |
| | | | | | 460210 | 40.5 | 42 | <0.005 | |
| | | | | | 460211 | 42 | 43.5 | <0.005 | |
| | | | | | 460212 | 43.5 | 45 | <0.005 | |
| | | | | | 460213 | 45 | 46.5 | <0.005 | |
| | | | | | 460214 | 46.5 | 48 | <0.005 | |
| | | | | | 460216 | 48 | 49.5 | <0.005 | |
| | | | | | 460217 | 49.5 | 51 | <0.005 | |
| | | | | | 460218 | 51 | 52.5 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|--------|------|-------------|
| | | | 460219 | 52.5 | 54 <0.005 |
| | | | 460220 | 54 | 55 <0.005 |
| | | | 460221 | 55 | 56.5 <0.005 |
| | | | 460222 | 56.5 | 58 <0.005 |
| | | | 460223 | 58 | 59 <0.005 |
| | | | 460224 | 59 | 60 0.01 |
| | | | 460225 | 60 | 61.5 <0.005 |
| | | | 460226 | 61.5 | 62.5 <0.005 |
| | | | 460227 | 62.5 | 64 <0.005 |
| | | | 460229 | 64 | 65 <0.005 |
| | | | 460230 | 65 | 66 <0.005 |
| | | | 460231 | 66 | 67 <0.005 |
| | | | 460232 | 67 | 68 <0.005 |
| | | | 460233 | 68 | 69 <0.005 |
| | | | 460234 | 69 | 70.5 <0.005 |
| | | | 460235 | 70.5 | 72 <0.005 |
| | | | 460236 | 72 | 73.5 <0.005 |
| | | | 460237 | 73.5 | 75 <0.005 |
| | | | 460238 | 75 | 76.5 <0.005 |
| | | | 460239 | 76.5 | 78 <0.005 |
| | | | 460241 | 78 | 79.5 <0.005 |
| | | | 460242 | 79.5 | 81 <0.005 |
| | | | 460243 | 81 | 82.5 <0.005 |
| | | | 460244 | 82.5 | 84 <0.005 |
| | | | 460245 | 84 | 85 <0.005 |
| | | | 460246 | 85 | 86 <0.005 |
| | | | 460247 | 86 | 87.5 <0.005 |
| | | | 460248 | 87.5 | 89 <0.005 |
| | | | 460249 | 89 | 90 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 460250 | 90 | 90.5 <0.005 |
| 460251 | 90.5 | 92 <0.005 |
| 460252 | 92 | 93.5 <0.005 |
| 460254 | 93.5 | 95 <0.005 |
| 460255 | 95 | 96.5 <0.005 |
| 460256 | 96.5 | 98 <0.005 |
| 460257 | 98 | 99.5 <0.005 |
| 460258 | 99.5 | 101 <0.005 |
| 460259 | 101 | 102.5 0.01 |
| 460260 | 102.5 | 104 <0.005 |
| 460261 | 104 | 105.5 <0.005 |
| 460262 | 105.5 | 107 <0.005 |
| 460263 | 107 | 108.5 <0.005 |
| 460264 | 108.5 | 110 <0.005 |
| 460266 | 110 | 111.5 <0.005 |
| 460267 | 111.5 | 113 <0.005 |
| 460268 | 113 | 114.5 <0.005 |
| 460269 | 114.5 | 116 <0.005 |
| 460270 | 116 | 117.5 <0.005 |
| 460271 | 117.5 | 119 <0.005 |
| 460272 | 119 | 120.5 <0.005 |
| 460273 | 120.5 | 122 <0.005 |
| 460274 | 122 | 123.5 <0.005 |
| 460275 | 123.5 | 125 <0.005 |
| 460276 | 125 | 126.5 <0.005 |
| 460277 | 126.5 | 128 <0.005 |
| 460279 | 128 | 129.5 <0.005 |
| 460280 | 129.5 | 131 <0.005 |
| 460281 | 131 | 132.5 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 460282 | 132.5 | 134 <0.005 |
| 460283 | 134 | 135.5 <0.005 |
| 460284 | 135.5 | 137 <0.005 |
| 460285 | 137 | 138.5 <0.005 |
| 460286 | 138.5 | 140 <0.005 |
| 460287 | 140 | 141.5 <0.005 |
| 460288 | 141.5 | 143 <0.005 |
| 460289 | 143 | 144 <0.005 |
| 460291 | 144 | 145 <0.005 |
| 460292 | 145 | 146.5 <0.005 |
| 460293 | 146.5 | 148 <0.005 |
| 460294 | 148 | 149.5 <0.005 |
| 460295 | 149.5 | 151 <0.005 |
| 460296 | 151 | 152.5 <0.005 |
| 460297 | 152.5 | 154 <0.005 |
| 460298 | 154 | 155 0.03 |
| 460299 | 155 | 156.5 0.01 |
| 460300 | 156.5 | 158 0.01 |
| 460301 | 158 | 159 <0.005 |
| 460302 | 159 | 160 <0.005 |
| 460304 | 160 | 161.5 <0.005 |
| 460305 | 161.5 | 163 <0.005 |
| 460306 | 163 | 164.5 <0.005 |
| 460307 | 164.5 | 166 <0.005 |
| 460308 | 166 | 167.5 <0.005 |
| 460309 | 167.5 | 169 <0.005 |
| 460310 | 169 | 170.5 <0.005 |
| 460311 | 170.5 | 172 <0.005 |
| 460312 | 172 | 173.5 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|--------|-------|--------------|
| | | | 460313 | 173.5 | 175 <0.005 |
| | | | 460314 | 175 | 176 <0.005 |
| | | | 460316 | 176 | 177.5 <0.005 |
| | | | 460317 | 177.5 | 179 <0.005 |
| | | | 460318 | 179 | 180 <0.005 |
| | | | 460319 | 180 | 181.5 <0.005 |
| | | | 460320 | 181.5 | 183 <0.005 |
| | | | 460321 | 183 | 184.5 <0.005 |
| | | | 460322 | 184.5 | 186 <0.005 |
| | | | 460323 | 186 | 187.5 <0.005 |
| | | | 460324 | 187.5 | 189 <0.005 |
| | | | 460325 | 189 | 190 <0.005 |
| | | | 460326 | 190 | 191 <0.005 |
| | | | 460327 | 191 | 192 <0.005 |
| | | | 460329 | 192 | 193 <0.005 |
| | | | 460330 | 193 | 194 <0.005 |
| | | | 460331 | 194 | 195 <0.005 |
| | | | 460332 | 195 | 196.5 <0.005 |
| | | | 460333 | 196.5 | 198 <0.005 |
| | | | 460334 | 198 | 199.5 <0.005 |
| | | | 460335 | 199.5 | 201 <0.005 |
| | | | 460336 | 201 | 202.5 <0.005 |
| | | | 460337 | 202.5 | 204 <0.005 |
| | | | 460338 | 204 | 205.5 <0.005 |
| | | | 460339 | 205.5 | 207 <0.005 |
| | | | 460341 | 207 | 208.5 <0.005 |
| | | | 460342 | 208.5 | 210 <0.005 |
| | | | 460343 | 210 | 211.5 <0.005 |
| | | | 460344 | 211.5 | 213 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | |
|-------------|-----------|-----------|--------|--------|
| | | | 460345 | 213 |
| | | | 460346 | 214.5 |
| | | | 460347 | 216 |
| | | | 460348 | 217.5 |
| | | | 460349 | 219 |
| | | | 460350 | 219 |
| | | | 460351 | 220.5 |
| | | | 460352 | 222 |
| | | | 460353 | 223.5 |
| | | | 460354 | 225 |
| | | | 460355 | 226.5 |
| | | | 460356 | 228 |
| | | | 460357 | 229.5 |
| | | | 460358 | 230 |
| | | | | 231 |
| | | | | <0.005 |
| | | | | <0.005 |
| | | | | <0.005 |
| | | | | <0.005 |
| | | | | <0.005 |
| | | | | <0.005 |
| | | | | 0.01 |
| | | | | 0.01 |
| | | | | 0.01 |
| | | | | <0.005 |
| | | | | 0.01 |
| | | | | 0.01 |
| | | | | 0.01 |
| | | | | 0.01 |
| | | | | <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 19-Oct-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 21-Oct-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 24-Oct-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427525.21 | Hole : | SURFACE |
| North : | 5268374.94 | Zone : | 17 |
| Elevation: | 414.21 | NAD : | NAD83 |

Target : Condemnation hole

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 87 | 333.5 | -63.7 | Reflex |
| 3 | 328 | -65.1 | Reflex | 90 | 333.6 | -63.6 | Reflex |
| 6 | 328.2 | -64.9 | Reflex | 93 | 333.7 | -63.5 | Reflex |
| 9 | 328.3 | -64.6 | Reflex | 96 | 333.8 | -63.5 | Reflex |
| 12 | 328 | -64.6 | Reflex | 99 | 333.9 | -63.3 | Reflex |
| 15 | 329.7 | -64.6 | Reflex | 102 | 334 | -63.2 | Reflex |
| 18 | 331.1 | -64.5 | Reflex | 105 | 334.2 | -63.1 | Reflex |
| 21 | 331.8 | -64.5 | Reflex | 108 | 334.2 | -63.1 | Reflex |
| 24 | 331.8 | -64.4 | Reflex | 111 | 334.3 | -63 | Reflex |
| 27 | 331.7 | -64.4 | Reflex | 114 | 334.4 | -63 | Reflex |
| 30 | 331.3 | -64.4 | Reflex | 117 | 334.5 | -62.9 | Reflex |
| 33 | 331.7 | -64.4 | Reflex | 120 | 334.4 | -62.9 | Reflex |
| 36 | 332.2 | -64.3 | Reflex | 123 | 334.1 | -62.9 | Reflex |
| 39 | 332.6 | -64.3 | Reflex | 126 | 334.1 | -62.8 | Reflex |
| 42 | 332.4 | -64.3 | Reflex | 129 | 334 | -62.8 | Reflex |
| 45 | 332.8 | -64.2 | Reflex | 132 | 334 | -62.8 | Reflex |
| 48 | 332.9 | -64.2 | Reflex | 135 | 333.8 | -62.7 | Reflex |
| 51 | 332.3 | -64.2 | Reflex | 138 | 334.2 | -62.7 | Reflex |
| 54 | 332.6 | -64.2 | Reflex | 141 | 334.4 | -62.7 | Reflex |
| 57 | 333 | -64.1 | Reflex | 144 | 334.5 | -62.7 | Reflex |
| 60 | 333 | -64.2 | Reflex | 147 | 334.2 | -62.6 | Reflex |
| 63 | 332.9 | -64.2 | Reflex | 150 | 334.3 | -62.6 | Reflex |
| 66 | 332.7 | -64.2 | Reflex | 153 | 334.4 | -62.5 | Reflex |
| 69 | 332.9 | -64.2 | Reflex | 156 | 334.5 | -62.4 | Reflex |
| 72 | 333 | -64.2 | Reflex | 159 | 334.2 | -62.4 | Reflex |
| 75 | 332.9 | -64.1 | Reflex | 162 | 334.4 | -62.3 | Reflex |
| 78 | 333.1 | -64 | Reflex | 165 | 334.4 | -62.2 | Reflex |
| 81 | 333.2 | -64 | Reflex | 168 | 334.3 | -62.2 | Reflex |
| 84 | 333.4 | -63.8 | Reflex | 171 | 335 | -62.1 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 174 | 334.6 | -62 | Reflex |
| 177 | 334.5 | -62 | Reflex |
| 180 | 335.2 | -61.9 | Reflex |
| 183 | 334.6 | -61.9 | Reflex |
| 186 | 334.9 | -61.8 | Reflex |
| 189 | 335.1 | -61.8 | Reflex |
| 192 | 335.5 | -61.8 | Reflex |
| 195 | 334.7 | -61.7 | Reflex |
| 198 | 335.3 | -61.7 | Reflex |
| 201 | 334.9 | -61.6 | Reflex |
| 207 | 335.4 | -61.5 | Reflex |
| 210 | 335.8 | -61.4 | Reflex |
| 213 | 335.4 | -61.3 | Reflex |
| 216 | 335.6 | -61.2 | Reflex |
| 219 | 335.7 | -61.2 | Reflex |
| 222 | 335.8 | -61.1 | Reflex |
| 225 | 335.8 | -61.1 | Reflex |
| 228 | 335.9 | -61 | Reflex |
| 231 | 336 | -60.9 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 2 | 3 | 637402 | A18-02149v2 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 3 | 4 | 637404 | A18-02149v2 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 4 | 5 | 637405 | A18-02149v2 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 637406 | A18-02149v2 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 637407 | A18-02149v2 | 3.03 | 5 | - | - | - | - | - | 0.01 |
| 7 | 8 | 637408 | A18-02149v2 | 2.72 | 5 | - | - | - | - | - | 0.01 |
| 8 | 9 | 637409 | A18-02149v2 | 3.43 | 7 | - | - | - | - | - | 0.01 |
| 9 | 10 | 637410 | A18-02149v2 | 2.69 | 6 | - | - | - | - | - | 0.01 |
| 10 | 11 | 637411 | A18-02149v2 | 2.18 | 7 | - | - | - | - | - | 0.01 |
| 11 | 12.05 | 637412 | A18-02149v2 | 2.36 | 7 | - | - | - | - | - | 0.01 |
| 12.05 | 13.53 | 637413 | A18-02149v2 | 3.31 | 7 | - | - | - | - | - | 0.01 |
| 13.53 | 15 | 637414 | A18-02149v2 | 3.7 | 6 | - | - | - | - | - | 0.01 |
| 15 | 16 | 637416 | A18-02149v2 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17 | 637417 | A18-02149v2 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 637418 | A18-02149v2 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 637419 | A18-02149v2 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20 | 637420 | A18-02149v2 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 20 | 21 | 637421 | A18-02149v2 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 21 | 21.92 | 637422 | A18-02149v2 | 2.82 | 2.5 | - | - | - | - | - | < DL |
| 21.92 | 22.9 | 637423 | A18-02149v2 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 22.9 | 24 | 637424 | A18-02149v2 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25 | 637425 | A18-02149v2 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 25 | 26 | 637426 | A18-02149v2 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27 | 637427 | A18-02149v2 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28 | 637429 | A18-02149v2 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 28 | 29 | 637430 | A18-02149v2 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30 | 637431 | A18-02149v2 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31 | 637432 | A18-02149v2 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 31 | 32 | 637433 | A18-02149v2 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 32 | 33 | 637434 | A18-02149v2 | 2.59 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 33 | 34 | 637435 | A18-02149v2 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 637436 | A18-02149v2 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 637437 | A18-02149v2 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 36 | 36.78 | 637438 | A18-02149v2 | 1.77 | 2.5 | - | - | - | - | - | < DL |
| 36.78 | 38.87 | 637439 | A18-02149v2 | 4.28 | 2.5 | - | - | - | - | - | < DL |
| 38.87 | 39.97 | 637441 | A18-02149v2 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 39.97 | 41 | 637442 | A18-02149v2 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42 | 637443 | A18-02149v2 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43 | 637444 | A18-02149v2 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 43 | 44 | 637445 | A18-02149v2 | 2.71 | 2.5 | - | - | - | - | - | < DL |
| 44 | 45 | 637446 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46 | 637447 | A18-02149v2 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 46 | 47 | 637448 | A18-02149v2 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48 | 637449 | A18-02149v2 | 2.37 | 6 | - | - | - | - | - | 0.01 |
| 48 | 48.99 | 637450 | A18-02149v2 | 2.3 | 5 | - | - | - | - | - | 0.01 |
| 48.99 | 50 | 637451 | A18-02149v2 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51 | 637452 | A18-02149v2 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52 | 637454 | A18-02149v2 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 52 | 53 | 637455 | A18-02149v2 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 637456 | A18-02149v2 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 637457 | A18-02149v2 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 637458 | A18-02149v2 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57 | 637459 | A18-02149v2 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 637460 | A18-02149v2 | 2.24 | 5 | - | - | - | - | - | 0.01 |
| 58 | 59 | 637461 | A18-02149v2 | 2 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60 | 637462 | A18-02149v2 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61 | 637463 | A18-02149v2 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 61 | 62 | 637464 | A18-02149v2 | 2.01 | 5 | - | - | - | - | - | 0.01 |
| 62 | 63 | 637466 | A18-02149v2 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64 | 637467 | A18-02149v2 | 2.54 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 64 | 65 | 637468 | A18-02149v2 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 637469 | A18-02149v2 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67 | 637470 | A18-02149v2 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 637471 | A18-02149v2 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 637472 | A18-02149v2 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70 | 637473 | A18-02149v2 | 2.43 | 5 | - | - | - | - | - | 0.01 |
| 70 | 71 | 637474 | A18-02149v2 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 71 | 72 | 637475 | A18-02149v2 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 637476 | A18-02149v2 | 2.93 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 637477 | A18-02149v2 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75 | 637479 | A18-02149v2 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76 | 637480 | A18-02149v2 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77.43 | 637481 | A18-02149v2 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 77.43 | 78.48 | 637482 | A18-02149v2 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 78.48 | 80 | 637483 | A18-02149v2 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 637484 | A18-02149v2 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 637485 | A18-02149v2 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 637486 | A18-02149r | 2.12 | 18 | - | - | - | - | - | 0.02 |
| 83 | 84 | 637487 | A18-02149v2 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 637488 | A18-02149v2 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 637489 | A18-02149v2 | 2.39 | 6 | - | - | - | - | - | 0.01 |
| 86 | 87 | 637490 | A18-02149v2 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 637491 | A18-02149v2 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89.74 | 637492 | A18-02149v2 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 89.74 | 91 | 637493 | A18-02149v2 | 2.61 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 637494 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 637496 | A18-02149v2 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94 | 637497 | A18-02149v2 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95 | 637498 | A18-02149v2 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96 | 637499 | A18-02149v2 | 2.13 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 96 | 97 | 637500 | A18-02149v2 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 638501 | A18-02149v2 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 638502 | A18-02149v2 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100 | 638504 | A18-02149v2 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 638505 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 638506 | A18-02149v2 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 638507 | A18-02149v2 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104.42 | 638509 | A18-02149v2 | 4.11 | 2.5 | - | - | - | - | - | < DL |
| 104.42 | 106 | 638510 | A18-02149v2 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 638511 | A18-02149v2 | 2.45 | 7 | - | - | - | - | - | 0.01 |
| 107 | 108 | 638512 | A18-02149v2 | 2.36 | 6 | - | - | - | - | - | 0.01 |
| 108 | 109 | 638513 | A18-02149v2 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 638514 | A18-02149v2 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 638516 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 638517 | A18-02149v2 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 638518 | A18-02149v2 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 638519 | A18-02149v2 | 1.79 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 638520 | A18-02149v2 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 115 | 116.32 | 638521 | A18-02149v2 | 3.09 | 2.5 | - | - | - | - | - | < DL |
| 116.32 | 117 | 638522 | A18-02149v2 | 1.62 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 638523 | A18-02149v2 | 2.8 | 2.5 | - | - | - | - | - | < DL |
| 118 | 119 | 638524 | A18-02149v2 | 2.46 | 7 | - | - | - | - | - | 0.01 |
| 119 | 120 | 638525 | A18-02149v2 | 2.58 | 6 | - | - | - | - | - | 0.01 |
| 120 | 121 | 638526 | A18-02149v2 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 638527 | A18-02149v2 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123.07 | 638529 | A18-02149v2 | 2.81 | 5 | - | - | - | - | - | 0.01 |
| 123.07 | 124 | 638530 | A18-02149v2 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 638531 | A18-02149v2 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 638532 | A18-02149v2 | 2.62 | 5 | - | - | - | - | - | 0.01 |
| 126 | 127 | 638533 | A18-02149v2 | 2.28 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 127 | 128 | 638534 | A18-02149v2 | 2.32 | 7 | - | - | - | - | - | 0.01 |
| 128 | 129 | 638535 | A18-02149v2 | 2.48 | 9 | - | - | - | - | - | 0.01 |
| 129 | 130 | 638536 | A18-02149v2 | 2.53 | 7 | - | - | - | - | - | 0.01 |
| 130 | 131 | 638537 | A18-02149v2 | 2.12 | 6 | - | - | - | - | - | 0.01 |
| 131 | 132 | 638538 | A18-02149v2 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133 | 638539 | A18-02149v2 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 133 | 134 | 638541 | A18-02149v2 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 638542 | A18-02149v2 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136 | 638543 | A18-02149v2 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 136 | 137.45 | 638544 | A18-02149v2 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 137.45 | 138 | 638545 | A18-02149v2 | 1.34 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.89 | 638546 | A18-02149v2 | 4.06 | 2.5 | - | - | - | - | - | < DL |
| 139.89 | 140.92 | 638547 | A18-02149v2 | 2.33 | 5 | - | - | - | - | - | 0.01 |
| 140.92 | 142 | 638548 | A18-02149v2 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143 | 638549 | A18-02149v2 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 638550 | A18-02149v2 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145 | 638551 | A18-02149v2 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146 | 638552 | A18-02149v2 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147 | 638554 | A18-02149v2 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148 | 638555 | A18-02149v2 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149 | 638556 | A18-02149v2 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 149 | 150 | 638557 | A18-02149v2 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151 | 638558 | A18-02149v2 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152 | 638559 | A18-02149v2 | 2.71 | 2.5 | - | - | - | - | - | < DL |
| 152 | 153 | 638560 | A18-02149v2 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154 | 638561 | A18-02149v2 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155 | 638562 | A18-02149v2 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 155 | 156 | 638563 | A18-02149v2 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 638564 | A18-02149v2 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 638566 | A18-02149v2 | 2.67 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 158 | 159 | 638567 | A18-02149v2 | 2.99 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160 | 638568 | A18-02149v2 | 2.63 | 6 | - | - | - | - | - | 0.01 |
| 160 | 161 | 638569 | A18-02149v2 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162 | 638570 | A18-02149v2 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163 | 638571 | A18-02149v2 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164 | 638572 | A18-02149v2 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 164 | 164.91 | 638573 | A18-02149v2 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 164.91 | 166 | 638574 | A18-02149v2 | 2.88 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167.75 | 638575 | A18-02149v2 | 4.58 | 5 | - | - | - | - | - | 0.01 |
| 167.75 | 169 | 638576 | A18-02149v2 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 638577 | A18-02149v2 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 638579 | A18-02149v2 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 638580 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 638581 | A18-02149v2 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 638582 | A18-02149v2 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 638583 | A18-02149v2 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 638584 | A18-02149v2 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177 | 638585 | A18-02149v2 | 2.75 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 638586 | A18-02149v2 | 2.3 | 30 | - | - | - | - | - | 0.03 |
| 178 | 179 | 638587 | A18-02149v2 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 638588 | A18-02149v2 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181 | 638589 | A18-02149v2 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182 | 638591 | A18-02149v2 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 182 | 183 | 638592 | A18-02149v2 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184 | 638593 | A18-02149v2 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 638594 | A18-02149v2 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 638595 | A18-02149v2 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187 | 638596 | A18-02149v2 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 187 | 188 | 638597 | A18-02149v2 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 188 | 189 | 638598 | A18-02149v2 | 2.47 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 189 | 190.09 | 638599 | A18-02149v2 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 190.09 | 191.09 | 638600 | A18-02149v2 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 191.9 | 192 | 638601 | A18-02149v2 | 1.97 | 6 | - | - | - | - | - | 0.01 |
| 192 | 193 | 638602 | A18-02149v2 | 2.5 | 9 | - | - | - | - | - | 0.01 |
| 193 | 194 | 638604 | A18-02149v2 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 638605 | A18-02149v2 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196 | 638606 | A18-02149v2 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 196 | 197 | 638607 | A18-02149v2 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 197 | 198 | 638608 | A18-02149v2 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 638609 | A18-02149v2 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200 | 638610 | A18-02149v2 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201 | 638611 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 638612 | A18-02149v2 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 202 | 203 | 638613 | A18-02149v2 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204 | 638614 | A18-02149v2 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 638616 | A18-02149v2 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 638617 | A18-02149v2 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 638618 | A18-02149v2 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208 | 638619 | A18-02149v2 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 208 | 209 | 638620 | A18-02149v2 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210 | 638621 | A18-02149v2 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 638622 | A18-02149v2 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 638623 | A18-02149v2 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 638624 | A18-02149v2 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 638625 | A18-02149v2 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 638626 | A18-02149v2 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 638627 | A18-02149v2 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 638629 | A18-02149v2 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218 | 638630 | A18-02149v2 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 638631 | A18-02149v2 | 2.13 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 219 | 220 | 638632 | A18-02149v2 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221 | 638633 | A18-02149v2 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 638634 | A18-02149v2 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223 | 638635 | A18-02149v2 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 638636 | A18-02149v2 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 638637 | A18-02149v2 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 225 | 225.85 | 638638 | A18-02149v2 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 225.85 | 227 | 638639 | A18-02149v2 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 638641 | A18-02149v2 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 638642 | A18-02149v2 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 229 | 230 | 638643 | A18-02149v2 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 638644 | A18-02149v2 | 2.41 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 2 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|--------|------|-----------------|
| 2 | 189.16 | FVOL | Felsic volcanic |
|---|--------|------|-----------------|

2m - 99.55m crystal tuff with euhedral to subhedral carbonate also locally elongated carbonate crystals along shear planes. The unit mainly has sericite and silica alteration ranging from PV to SPV.
 ; (11.34m - 49.00m there are quartz-carbonate stringers sub parallel to the foliation)
 ; 99.55m - 113.82m strongly schistose elongated fragmental lapilli tuff
 ; 113.82m - 134.00m moderate to intense very schistose welll foliated crystal tuff
 ; 134.00m - 163.42m moderate to intense lapilli tuff
 ; 164.91m sharp contact between lapilli tuff and crystal tuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 2 | 73.64 | CB | PV | 5 | 2 | 189.16 | CPY | STR | 0.05 | 637402 | 2 | 3 | <0.005 |
| 73.64 | 77.43 | SI | PV | 5 | 2 | 189.16 | PY | DIS | 0.05 | 637404 | 3 | 4 | <0.005 |
| 73.64 | 77.43 | SR | SPV | 4 | | | | | | 637405 | 4 | 5 | <0.005 |
| 77.43 | 84.72 | SI | SPV | 5 | | | | | | 637406 | 5 | 6 | <0.005 |
| 77.43 | 84.72 | SR | PV | 5 | | | | | | 637407 | 6 | 7 | 0.01 |
| 84.72 | 87.74 | CB | PV | 5 | | | | | | 637408 | 7 | 8 | 0.01 |
| 87.74 | 99.55 | SR | PV | 5 | | | | | | 637409 | 8 | 9 | 0.01 |
| 99.55 | 104.42 | SI | PV | 4 | | | | | | 637410 | 9 | 10 | 0.01 |
| 99.55 | 104.42 | SR | SPV | 3 | | | | | | 637411 | 10 | 11 | 0.01 |
| 104.42 | 109.57 | SI | SPV | 4 | | | | | | 637412 | 11 | 12.05 | 0.01 |
| 104.42 | 109.57 | SR | SPV | 4 | | | | | | 637413 | 12.05 | 13.53 | 0.01 |
| 109.57 | 113.82 | SR | PV | 5 | | | | | | 637414 | 13.53 | 15 | 0.01 |
| 113.82 | 116.32 | SI | PV | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 113.82 | 116.32 | SR | PV | 5 | 637416 | 15 | 16 | <0.005 | |
| 116.32 | 123.07 | SI | PV | 3 | 637417 | 16 | 17 | <0.005 | |
| 116.32 | 123.07 | SR | SPV | 4 | 637418 | 17 | 18 | <0.005 | |
| 137.45 | 146.87 | SI | PV | 4 | 637419 | 18 | 19 | <0.005 | |
| 137.45 | 146.87 | SR | PV | 5 | 637420 | 19 | 20 | <0.005 | |
| 146.87 | 163.42 | SI | PV | 4 | 637421 | 20 | 21 | <0.005 | |
| 146.87 | 163.42 | SR | SPV | 4 | 637422 | 21 | 21.92 | <0.005 | |
| 170.88 | 176.97 | SI | PV | 2 | 637423 | 21.92 | 22.9 | <0.005 | |
| 170.88 | 176.97 | SR | SPV | 5 | 637424 | 22.9 | 24 | <0.005 | |
| | | | | | 637425 | 24 | 25 | <0.005 | |
| | | | | | 637426 | 25 | 26 | <0.005 | |
| | | | | | 637427 | 26 | 27 | <0.005 | |
| | | | | | 637429 | 27 | 28 | <0.005 | |
| | | | | | 637430 | 28 | 29 | <0.005 | |
| | | | | | 637431 | 29 | 30 | <0.005 | |
| | | | | | 637432 | 30 | 31 | <0.005 | |
| | | | | | 637433 | 31 | 32 | <0.005 | |
| | | | | | 637434 | 32 | 33 | <0.005 | |
| | | | | | 637435 | 33 | 34 | <0.005 | |
| | | | | | 637436 | 34 | 35 | <0.005 | |
| | | | | | 637437 | 35 | 36 | <0.005 | |
| | | | | | 637438 | 36 | 36.78 | <0.005 | |
| | | | | | 637439 | 36.78 | 38.87 | <0.005 | |
| | | | | | 637441 | 38.87 | 39.97 | <0.005 | |
| | | | | | 637442 | 39.97 | 41 | <0.005 | |
| | | | | | 637443 | 41 | 42 | <0.005 | |
| | | | | | 637444 | 42 | 43 | <0.005 | |
| | | | | | 637445 | 43 | 44 | <0.005 | |
| | | | | | 637446 | 44 | 45 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------|
| 637447 | 45 | 46 <0.005 |
| 637448 | 46 | 47 <0.005 |
| 637449 | 47 | 48 0.01 |
| 637450 | 48 | 48.99 0.01 |
| 637451 | 48.99 | 50 <0.005 |
| 637452 | 50 | 51 <0.005 |
| 637454 | 51 | 52 <0.005 |
| 637455 | 52 | 53 <0.005 |
| 637456 | 53 | 54 <0.005 |
| 637457 | 54 | 55 <0.005 |
| 637458 | 55 | 56 <0.005 |
| 637459 | 56 | 57 <0.005 |
| 637460 | 57 | 58 0.01 |
| 637461 | 58 | 59 <0.005 |
| 637462 | 59 | 60 <0.005 |
| 637463 | 60 | 61 <0.005 |
| 637464 | 61 | 62 0.01 |
| 637466 | 62 | 63 <0.005 |
| 637467 | 63 | 64 <0.005 |
| 637468 | 64 | 65 <0.005 |
| 637469 | 65 | 66 <0.005 |
| 637470 | 66 | 67 <0.005 |
| 637471 | 67 | 68 <0.005 |
| 637472 | 68 | 69 <0.005 |
| 637473 | 69 | 70 0.01 |
| 637474 | 70 | 71 <0.005 |
| 637475 | 71 | 72 <0.005 |
| 637476 | 72 | 73 <0.005 |
| 637477 | 73 | 74 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 637479 | 74 | 75 <0.005 |
| 637480 | 75 | 76 <0.005 |
| 637481 | 76 | 77.43 <0.005 |
| 637482 | 77.43 | 78.48 <0.005 |
| 637483 | 78.48 | 80 <0.005 |
| 637484 | 80 | 81 <0.005 |
| 637485 | 81 | 82 <0.005 |
| 637486 | 82 | 83 0.02 |
| 637487 | 83 | 84 <0.005 |
| 637488 | 84 | 85 <0.005 |
| 637489 | 85 | 86 0.01 |
| 637490 | 86 | 87 <0.005 |
| 637491 | 87 | 88 <0.005 |
| 637492 | 88 | 89.74 <0.005 |
| 637493 | 89.74 | 91 <0.005 |
| 637494 | 91 | 92 <0.005 |
| 637496 | 92 | 93 <0.005 |
| 637497 | 93 | 94 <0.005 |
| 637498 | 94 | 95 <0.005 |
| 637499 | 95 | 96 <0.005 |
| 637500 | 96 | 97 <0.005 |
| 638501 | 97 | 98 <0.005 |
| 638502 | 98 | 99 <0.005 |
| 638504 | 99 | 100 <0.005 |
| 638505 | 100 | 101 <0.005 |
| 638506 | 101 | 102 <0.005 |
| 638507 | 102 | 103 <0.005 |
| 638509 | 103 | 104.42 <0.005 |
| 638510 | 104.42 | 106 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638511 | 106 | 107 0.01 |
| 638512 | 107 | 108 0.01 |
| 638513 | 108 | 109 <0.005 |
| 638514 | 109 | 110 <0.005 |
| 638516 | 110 | 111 <0.005 |
| 638517 | 111 | 112 <0.005 |
| 638518 | 112 | 113 <0.005 |
| 638519 | 113 | 114 <0.005 |
| 638520 | 114 | 115 <0.005 |
| 638521 | 115 | 116.32 <0.005 |
| 638522 | 116.32 | 117 <0.005 |
| 638523 | 117 | 118 <0.005 |
| 638524 | 118 | 119 0.01 |
| 638525 | 119 | 120 0.01 |
| 638526 | 120 | 121 <0.005 |
| 638527 | 121 | 122 <0.005 |
| 638529 | 122 | 123.07 0.01 |
| 638530 | 123.07 | 124 <0.005 |
| 638531 | 124 | 125 <0.005 |
| 638532 | 125 | 126 0.01 |
| 638533 | 126 | 127 <0.005 |
| 638534 | 127 | 128 0.01 |
| 638535 | 128 | 129 0.01 |
| 638536 | 129 | 130 0.01 |
| 638537 | 130 | 131 0.01 |
| 638538 | 131 | 132 <0.005 |
| 638539 | 132 | 133 <0.005 |
| 638541 | 133 | 134 <0.005 |
| 638542 | 134 | 135 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638543 | 135 | 136 <0.005 |
| 638544 | 136 | 137.45 <0.005 |
| 638545 | 137.45 | 138 <0.005 |
| 638546 | 138 | 139.89 <0.005 |
| 638547 | 139.89 | 140.92 0.01 |
| 638548 | 140.92 | 142 <0.005 |
| 638549 | 142 | 143 <0.005 |
| 638550 | 143 | 144 <0.005 |
| 638551 | 144 | 145 <0.005 |
| 638552 | 145 | 146 <0.005 |
| 638554 | 146 | 147 <0.005 |
| 638555 | 147 | 148 <0.005 |
| 638556 | 148 | 149 <0.005 |
| 638557 | 149 | 150 <0.005 |
| 638558 | 150 | 151 <0.005 |
| 638559 | 151 | 152 <0.005 |
| 638560 | 152 | 153 <0.005 |
| 638561 | 153 | 154 <0.005 |
| 638562 | 154 | 155 <0.005 |
| 638563 | 155 | 156 <0.005 |
| 638564 | 156 | 157 <0.005 |
| 638566 | 157 | 158 <0.005 |
| 638567 | 158 | 159 <0.005 |
| 638568 | 159 | 160 0.01 |
| 638569 | 160 | 161 <0.005 |
| 638570 | 161 | 162 <0.005 |
| 638571 | 162 | 163 <0.005 |
| 638572 | 163 | 164 <0.005 |
| 638573 | 164 | 164.91 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------------------------------|--------|--------|------------------|
| | | | 638574 | 164.91 | 166 <0.005 |
| | | | 638575 | 166 | 167.75 0.01 |
| | | | 638576 | 167.75 | 169 <0.005 |
| | | | 638577 | 169 | 170 <0.005 |
| | | | 638579 | 170 | 171 <0.005 |
| | | | 638580 | 171 | 172 <0.005 |
| | | | 638581 | 172 | 173 <0.005 |
| | | | 638582 | 173 | 174 <0.005 |
| | | | 638583 | 174 | 175 <0.005 |
| | | | 638584 | 175 | 176 <0.005 |
| | | | 638585 | 176 | 177 <0.005 |
| | | | 638586 | 177 | 178 0.03 |
| | | | 638587 | 178 | 179 <0.005 |
| | | | 638588 | 179 | 180 <0.005 |
| | | | 638589 | 180 | 181 <0.005 |
| | | | 638591 | 181 | 182 <0.005 |
| | | | 638592 | 182 | 183 <0.005 |
| | | | 638593 | 183 | 184 <0.005 |
| | | | 638594 | 184 | 185 <0.005 |
| | | | 638595 | 185 | 186 <0.005 |
| | | | 638596 | 186 | 187 <0.005 |
| | | | 638597 | 187 | 188 <0.005 |
| | | | 638598 | 188 | 189 <0.005 |
| 189.16 | 190.09 | DIA Diabase intrudes lapilli tuff | | | |
| | | | Sample | From | To Best Au (ppm) |
| | | | 638599 | 189 | 190.09 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

190.09 206 FVOL Felsic volcanic
 lapilli tuff
 ; 190.09m - 202.89m lapilli tuff showing silica and intense sericite alteration
 ; 197.00m - 197.11m breccia clast?

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 197.1 | 206 | SI | PV | 2 | 190.09 | 206 | CPY | STR | 0.05 | 638600 | 190.09 | 191.09 | <0.005 |
| 197.1 | 206 | SR | SPV | 4 | 190.09 | 206 | PY | DIS | 0.05 | 638601 | 191.9 | 192 | 0.01 |
| | | | | | | | | | | 638602 | 192 | 193 | 0.01 |
| | | | | | | | | | | 638604 | 193 | 194 | <0.005 |
| | | | | | | | | | | 638605 | 194 | 195 | <0.005 |
| | | | | | | | | | | 638606 | 195 | 196 | <0.005 |
| | | | | | | | | | | 638607 | 196 | 197 | <0.005 |
| | | | | | | | | | | 638608 | 197 | 198 | <0.005 |
| | | | | | | | | | | 638609 | 198 | 199 | <0.005 |
| | | | | | | | | | | 638610 | 199 | 200 | <0.005 |
| | | | | | | | | | | 638611 | 200 | 201 | <0.005 |
| | | | | | | | | | | 638612 | 201 | 202 | <0.005 |
| | | | | | | | | | | 638613 | 202 | 203 | <0.005 |
| | | | | | | | | | | 638614 | 203 | 204 | <0.005 |
| | | | | | | | | | | 638616 | 204 | 205 | <0.005 |
| | | | | | | | | | | 638617 | 205 | 206 | <0.005 |

206 206.15 FVOL Felsic volcanic
 elongated FU crystals in well foliated crustal stuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 206 | 206.15 | FU | SEL | 3 | | | | | | | | | |
| 206 | 206.15 | SR | PV | 5 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

206.15 225 FVOL Felsic volcanic well foliated lapilli tuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 206.15 | 225 | SI | PV | 5 | 206.15 | 225 | PY | DIS | 0.05 | 638618 | 206 | 207 | <0.005 |
| 206.15 | 225 | SR | SPV | 5 | | | | | | 638619 | 207 | 208 | <0.005 |
| | | | | | | | | | | 638620 | 208 | 209 | <0.005 |
| | | | | | | | | | | 638621 | 209 | 210 | <0.005 |
| | | | | | | | | | | 638622 | 210 | 211 | <0.005 |
| | | | | | | | | | | 638623 | 211 | 212 | <0.005 |
| | | | | | | | | | | 638624 | 212 | 213 | <0.005 |
| | | | | | | | | | | 638625 | 213 | 214 | <0.005 |
| | | | | | | | | | | 638626 | 214 | 215 | <0.005 |
| | | | | | | | | | | 638627 | 215 | 216 | <0.005 |
| | | | | | | | | | | 638629 | 216 | 217 | <0.005 |
| | | | | | | | | | | 638630 | 217 | 218 | <0.005 |
| | | | | | | | | | | 638631 | 218 | 219 | <0.005 |
| | | | | | | | | | | 638632 | 219 | 220 | <0.005 |
| | | | | | | | | | | 638633 | 220 | 221 | <0.005 |
| | | | | | | | | | | 638634 | 221 | 222 | <0.005 |
| | | | | | | | | | | 638635 | 222 | 223 | <0.005 |
| | | | | | | | | | | 638636 | 223 | 224 | <0.005 |
| | | | | | | | | | | 638637 | 224 | 225 | <0.005 |

225 230.51 FVOL Felsic volcanic crystal tuff 222-229 broken core

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|---------------------------------------------------------|-------|--------|--------------------------|--------|--------|--------|-------|---------------|------|-----|---------------|
| 225 | 230.51 | SR | PV | 5 | | | | | | | | | |
| 225 | 230.51 | PY | DIS | 0.05 | | | | | | | | | |
| | | | | | 638638 | 225 | 225.85 | <0.005 | | | | | |
| | | | | | 638639 | 225.85 | 227 | <0.005 | | | | | |
| | | | | | 638641 | 227 | 228 | <0.005 | | | | | |
| | | | | | 638642 | 228 | 229 | <0.005 | | | | | |
| | | | | | 638643 | 229 | 230 | <0.005 | | | | | |
| 230.51 | 231 | FVOL lapili tuff ; EOH at 231m Felsic volcanic | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 230.51 | 231 | SR | SPV | 3 | | | | | | 638644 | 230 | 231 | <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 21-Oct-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 22-Oct-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 27-Oct-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 426715.69 | Hole : | SURFACE |
| North : | 5268375.71 | Zone : | 17 |
| Elevation: | 435 | NAD : | NAD83 |

Target : Condemnation hole

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 111 | 332.9 | -63.3 | Reflex |
| 1 | 330.6 | -64.9 | Reflex | 114 | 331.6 | -63.3 | Reflex |
| 3 | 330.3 | -65.3 | Reflex | 117 | 331.4 | -63.3 | Reflex |
| 9 | 330.9 | -65.1 | Reflex | 120 | 332.9 | -63.3 | Reflex |
| 12 | 330.5 | -64.9 | Reflex | 123 | 334.1 | -63.3 | Reflex |
| 15 | 330.4 | -64.8 | Reflex | 126 | 333.6 | -63.3 | Reflex |
| 18 | 331.3 | -64.9 | Reflex | 129 | 333.8 | -63.2 | Reflex |
| 21 | 330.7 | -64.8 | Reflex | 132 | 334.2 | -63.2 | Reflex |
| 24 | 331.3 | -64.7 | Reflex | 135 | 334.3 | -63.2 | Reflex |
| 27 | 329.8 | -64.7 | Reflex | 138 | 333.9 | -63.1 | Reflex |
| 42 | 330.8 | -64.5 | Reflex | 141 | 334.2 | -63.1 | Reflex |
| 45 | 330.6 | -64.5 | Reflex | 144 | 334 | -63 | Reflex |
| 48 | 331.3 | -64.5 | Reflex | 147 | 333.6 | -63 | Reflex |
| 51 | 332 | -64.3 | Reflex | 150 | 333.3 | -62.6 | Reflex |
| 54 | 330.9 | -64.3 | Reflex | 153 | 333.5 | -62.8 | Reflex |
| 57 | 330.8 | -64.4 | Reflex | 156 | 334 | -62.8 | Reflex |
| 60 | 330.2 | -64.3 | Reflex | 159 | 333.4 | -62.7 | Reflex |
| 63 | 331.2 | -64.2 | Reflex | 162 | 334.1 | -62.6 | Reflex |
| 66 | 331.4 | -64.2 | Reflex | 165 | 334.3 | -62.5 | Reflex |
| 69 | 331.2 | -64.2 | Reflex | 168 | 334 | -62.5 | Reflex |
| 72 | 331.3 | -64.1 | Reflex | 171 | 334.7 | -62.4 | Reflex |
| 75 | 331.9 | -64 | Reflex | 174 | 334.5 | -62.3 | Reflex |
| 78 | 331.8 | -63.9 | Reflex | 177 | 334.1 | -62.3 | Reflex |
| 81 | 331.8 | -63.8 | Reflex | 180 | 334.2 | -62.2 | Reflex |
| 84 | 332.3 | -63.7 | Reflex | 183 | 333.9 | -62.3 | Reflex |
| 87 | 332.2 | -63.6 | Reflex | 186 | 333.9 | -62.2 | Reflex |
| 90 | 331.9 | -63.6 | Reflex | 189 | 334.4 | -62.2 | Reflex |
| 93 | 332.2 | -63.5 | Reflex | 192 | 334.5 | -62.1 | Reflex |
| 108 | 332 | -63.3 | Reflex | 195 | 334.4 | -62.1 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 198 | 334.5 | -62 | Reflex |
| 201 | 334.6 | -61.8 | Reflex |
| 204 | 334.7 | -62 | Reflex |
| 207 | 334.8 | -61.9 | Reflex |
| 210 | 334.4 | -61.8 | Reflex |
| 213 | 334.5 | -61.8 | Reflex |
| 216 | 334.7 | -61.7 | Reflex |
| 219 | 334.6 | -61.7 | Reflex |
| 222 | 334.9 | -61.6 | Reflex |
| 225 | 334.9 | -61.6 | Reflex |
| 228 | 334.8 | -61.6 | Reflex |
| 231 | 334.9 | -61.6 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 2.25 | 3.29 | 638645 | A18-03660 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 3.29 | 5 | 638646 | A18-03660 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 638647 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 638648 | A18-03660 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 7 | 8 | 638649 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9 | 638650 | A18-03660 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10 | 638651 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 10 | 11 | 638652 | A18-03660 | 2 | 2.5 | - | - | - | - | - | < DL |
| 11 | 12 | 638654 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.12 | 638655 | A18-03660 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 13.12 | 14 | 638656 | A18-03660 | 1.76 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15 | 638657 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16 | 638658 | A18-03660 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17 | 638659 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 638660 | A18-03660 | 1.67 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 638661 | A18-03660 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20 | 638662 | A18-03660 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 20 | 21 | 638663 | A18-03660 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22 | 638664 | A18-03660 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 22 | 23 | 638666 | A18-03660 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 23 | 24 | 638667 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25 | 638668 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 25 | 26 | 638669 | A18-03660 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27.1 | 638670 | A18-03660 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 27.1 | 28 | 638671 | A18-03660 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 28 | 29 | 638672 | A18-03660 | 2.6 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30 | 638673 | A18-03660 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31 | 638674 | A18-03660 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 31 | 31.74 | 638675 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 31.74 | 33 | 638676 | A18-03660 | 2.59 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 33 | 34 | 638677 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 638679 | A18-03660 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 638680 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37 | 638681 | A18-03660 | 2.33 | 21 | - | - | - | - | - | 0.02 |
| 37 | 38 | 638682 | A18-03660 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 38 | 39 | 638683 | A18-03660 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40 | 638684 | A18-03660 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 40 | 41 | 638685 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42 | 638686 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.29 | 638687 | A18-03660 | 2.66 | 2.5 | - | - | - | - | - | < DL |
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| 44 | 45 | 638689 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46 | 638691 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 46 | 47 | 638692 | A18-03660 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48 | 638693 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49 | 638694 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50 | 638695 | A18-03660 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51 | 638696 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52 | 638697 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 638701 | A18-03660 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57 | 638702 | A18-03660 | 1.8 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 638704 | A18-03660 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 638705 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60 | 638706 | A18-03660 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61 | 638707 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 61 | 62 | 638708 | A18-03660 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63 | 638709 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64 | 638710 | A18-03660 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 64 | 65 | 638711 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 638712 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 66 | 67 | 638713 | A18-03660 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 638714 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 638716 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70 | 638717 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 70 | 71 | 638718 | A18-03660 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 71 | 72 | 638719 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 638720 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 638721 | A18-03660 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75 | 638722 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76 | 638723 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77 | 638724 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 77 | 78 | 638725 | A18-03660 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79 | 638726 | A18-03660 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80 | 638727 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 638729 | A18-03660 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 638730 | A18-03660 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 638731 | A18-03660 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84 | 638732 | A18-03660 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 638733 | A18-03660 | 2 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 638734 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 638735 | A18-03660 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 638736 | A18-03660 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 638737 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 638738 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91 | 638739 | A18-03660 | 1.8 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 638741 | A18-03660 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 638742 | A18-03660 | 1.7 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94 | 638743 | A18-03660 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95 | 638744 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96 | 638745 | A18-03660 | 2.39 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 96 | 97 | 638746 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 638747 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 638748 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100 | 638749 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 638750 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102.44 | 638751 | A18-03660 | 2.99 | 2.5 | - | - | - | - | - | < DL |
| 102.44 | 103 | 638752 | A18-03660 | 0.972 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104 | 638754 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 638755 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 638756 | A18-03660 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 638757 | A18-03660 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108 | 638758 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109 | 638759 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 638760 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 638761 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 638762 | A18-03660 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 638763 | A18-03660 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 638764 | A18-03660 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 638766 | A18-03660 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 115 | 116 | 638767 | A18-03660 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 638768 | A18-03660 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 117 | 117.94 | 638769 | A18-03660 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 117.94 | 119 | 638770 | A18-03660 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120 | 638771 | A18-03660 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 638772 | A18-03660 | 1.69 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 638773 | A18-03660 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 52 | 53 | 638774 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 638775 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 638776 | A18-03660 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123 | 638777 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 123 | 124 | 638779 | A18-03660 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 638780 | A18-03660 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 638781 | A18-03660 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127 | 638782 | A18-03660 | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 127 | 128 | 638783 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129 | 638784 | A18-03660 | 1.95 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130 | 638785 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131.22 | 638786 | A18-03660 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 131.22 | 132.33 | 638787 | A18-03660 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 132.33 | 134 | 638788 | A18-03660 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 638789 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136.43 | 638791 | A18-03660 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 136.43 | 137.25 | 638792 | A18-03660 | 1.7 | 2.5 | - | - | - | - | - | < DL |
| 137.25 | 138.63 | 638793 | A18-03660 | 2.92 | 2.5 | - | - | - | - | - | < DL |
| 138.63 | 140 | 638794 | A18-03660 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 638795 | A18-03660 | 1.81 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142.54 | 638796 | A18-03660 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 142.54 | 143 | 638797 | A18-03660 | 1.05 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 638798 | A18-03660 | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 638799 | A18-03660 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 145.5 | 146.27 | 638800 | A18-03660 | 1.57 | 2.5 | - | - | - | - | - | < DL |
| 146.27 | 147.61 | 638801 | A18-03660 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 147.61 | 149 | 638802 | A18-03660 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 149 | 150 | 638804 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 150 | 150.83 | 638805 | A18-03660 | 1.61 | 2.5 | - | - | - | - | - | < DL |
| 150.83 | 152 | 638806 | A18-03660 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 152 | 153 | 638807 | A18-03660 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154 | 638808 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155.03 | 638809 | A18-03660 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 155.03 | 156 | 638810 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 156 | 156.76 | 638811 | A18-03660 | 1.63 | 2.5 | - | - | - | - | - | < DL |
| 156.76 | 158.75 | 638812 | A18-03660 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 158.75 | 159.66 | 638813 | A18-03660 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 159.66 | 161 | 638814 | A18-03660 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162 | 638816 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163 | 638817 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164 | 638818 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 164 | 165 | 638819 | A18-03660 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166 | 638820 | A18-03660 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167 | 638821 | A18-03660 | 2 | 2.5 | - | - | - | - | - | < DL |
| 167 | 168 | 638822 | A18-03660 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169 | 638823 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 638824 | A18-03660 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 638825 | A18-03660 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 638826 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 638827 | A18-03660 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 638829 | A18-03660 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 638830 | A18-03660 | 2 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 638831 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177 | 638832 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 638833 | A18-03660 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179 | 638834 | A18-03660 | 2 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 638835 | A18-03660 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181 | 638836 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 181 | 181.83 | 638837 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 181.83 | 182.75 | 638838 | A18-03660 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 182.75 | 184 | 638839 | A18-03660 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 638841 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 638842 | A18-03660 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.4 | 638843 | A18-03660 | 2.42 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 187.4 | 188 | 638844 | A18-03660 | 1.79 | 2.5 | - | - | - | - | - | < DL |
| 188 | 189 | 638845 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190 | 638846 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 190 | 191 | 638847 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 638848 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193 | 638849 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 638850 | A18-03660 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 638851 | A18-03660 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.24 | 638852 | A18-03660 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 196.24 | 197 | 638854 | A18-03660 | 1.63 | 2.5 | - | - | - | - | - | < DL |
| 197 | 198 | 638855 | A18-03660 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 638856 | A18-03660 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200 | 638857 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201 | 638858 | A18-03660 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 638859 | A18-03660 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 202 | 203.25 | 638860 | A18-03660 | 2.96 | 2.5 | - | - | - | - | - | < DL |
| 203.25 | 204 | 638861 | A18-03660 | 1.57 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 638862 | A18-03660 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 638863 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 638864 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208 | 638866 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 208 | 209 | 638867 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210 | 638868 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 638869 | A18-03660 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 638870 | A18-03660 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 638871 | A18-03660 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 638872 | A18-03660 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 638873 | A18-03660 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 638874 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 638875 | A18-03660 | 1.99 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 217 | 218 | 638876 | A18-03660 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 638877 | A18-03660 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220 | 638879 | A18-03660 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221 | 638880 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 638881 | A18-03660 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223 | 638882 | A18-03660 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 638883 | A18-03660 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 638884 | A18-03660 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226 | 638885 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 226 | 227 | 638886 | A18-03660 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 638887 | A18-03660 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 638888 | A18-03660 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 229 | 230 | 638889 | A18-03660 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 638891 | A18-03660 | 2.23 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|------|----|------------|
| 0 | 2.25 | OV | Overburden |
|---|------|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|------|------|-----|---------|
| 2.25 | 3.29 | DIA | Diabase |
|------|------|-----|---------|

| Sample | From | To | Best Au (ppm) |
|--------|------|------|---------------|
| 638645 | 2.25 | 3.29 | <0.005 |

| | | | |
|------|------|------|---------------------------------------------------------------------------------|
| 3.29 | 27.1 | FVOL | Felsic volcanic trace to locally up 1% PY mineralization in the crystal tuff |
|------|------|------|---------------------------------------------------------------------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 3.29 | 27.1 | CB | SEL | 3 | 3.29 | 27.1 | PY | MTX | 0.05 | 638646 | 3.29 | 5 | <0.005 |
| 3.29 | 27.1 | SI | PV | 4 | | | | | | 638647 | 5 | 6 | <0.005 |
| 3.29 | 27.1 | SR | PV | 5 | | | | | | 638648 | 6 | 7 | <0.005 |
| | | | | | | | | | | 638649 | 7 | 8 | <0.005 |
| | | | | | | | | | | 638650 | 8 | 9 | <0.005 |
| | | | | | | | | | | 638651 | 9 | 10 | <0.005 |
| | | | | | | | | | | 638652 | 10 | 11 | <0.005 |
| | | | | | | | | | | 638654 | 11 | 12 | <0.005 |
| | | | | | | | | | | 638655 | 12 | 13.12 | <0.005 |
| | | | | | | | | | | 638656 | 13.12 | 14 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------------|
| | | 638657 14 15 <0.005 |
| | | 638658 15 16 <0.005 |
| | | 638659 16 17 <0.005 |
| | | 638660 17 18 <0.005 |
| | | 638661 18 19 <0.005 |
| | | 638662 19 20 <0.005 |
| | | 638663 20 21 <0.005 |
| | | 638664 21 22 <0.005 |
| | | 638666 22 23 <0.005 |
| | | 638667 23 24 <0.005 |
| | | 638668 24 25 <0.005 |
| | | 638669 25 26 <0.005 |
| | | 638670 26 27.1 <0.005 |

27.1 31.74 DIA Diabase
Plagioclase phenocryst ranging from 0.1 - 2cm in the diabase. 2 - 3mm carbonate stringers present

| Sample | From | To | Best Au (ppm) |
|--------|------|-------|---------------|
| 638671 | 27.1 | 28 | <0.005 |
| 638672 | 28 | 29 | <0.005 |
| 638673 | 29 | 30 | <0.005 |
| 638674 | 30 | 31 | <0.005 |
| 638675 | 31 | 31.74 | <0.005 |

31.74 94.73 FVOL Felsic volcanic
lapilli tuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 31.74 | 32.6 | SR | SPV | 3 | 31.74 | 94.73 | PY | MTX | 0.05 | 638676 | 31.74 | 33 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 32.6 | 94.21 | SI | SPV | 5 | 638677 | 33 | 34 | <0.005 | |
| 32.6 | 94.21 | SR | PV | 5 | 638679 | 34 | 35 | <0.005 | |
| 94.21 | 94.73 | SI | SPV | 3 | 638680 | 35 | 36 | <0.005 | |
| 94.21 | 94.73 | SR | SEL | 3 | 638681 | 36 | 37 | 0.02 | |
| | | | | | 638682 | 37 | 38 | <0.005 | |
| | | | | | 638683 | 38 | 39 | <0.005 | |
| | | | | | 638684 | 39 | 40 | <0.005 | |
| | | | | | 638685 | 40 | 41 | <0.005 | |
| | | | | | 638686 | 41 | 42 | <0.005 | |
| | | | | | 638687 | 42 | 43.29 | <0.005 | |
| | | | | | 638688 | 43.29 | 44 | <0.005 | |
| | | | | | 638689 | 44 | 45 | <0.005 | |
| | | | | | 638691 | 45 | 46 | <0.005 | |
| | | | | | 638692 | 46 | 47 | <0.005 | |
| | | | | | 638693 | 47 | 48 | <0.005 | |
| | | | | | 638694 | 48 | 49 | <0.005 | |
| | | | | | 638695 | 49 | 50 | <0.005 | |
| | | | | | 638696 | 50 | 51 | <0.005 | |
| | | | | | 638697 | 51 | 52 | <0.005 | |
| | | | | | 638701 | 55 | 56 | <0.005 | |
| | | | | | 638702 | 56 | 57 | <0.005 | |
| | | | | | 638704 | 57 | 58 | <0.005 | |
| | | | | | 638705 | 58 | 59 | <0.005 | |
| | | | | | 638706 | 59 | 60 | <0.005 | |
| | | | | | 638707 | 60 | 61 | <0.005 | |
| | | | | | 638708 | 61 | 62 | <0.005 | |
| | | | | | 638709 | 62 | 63 | <0.005 | |
| | | | | | 638710 | 63 | 64 | <0.005 | |
| | | | | | 638711 | 64 | 65 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
| 638712 | 65 | 66 <0.005 |
| 638713 | 66 | 67 <0.005 |
| 638714 | 67 | 68 <0.005 |
| 638716 | 68 | 69 <0.005 |
| 638717 | 69 | 70 <0.005 |
| 638718 | 70 | 71 <0.005 |
| 638719 | 71 | 72 <0.005 |
| 638720 | 72 | 73 <0.005 |
| 638721 | 73 | 74 <0.005 |
| 638722 | 74 | 75 <0.005 |
| 638723 | 75 | 76 <0.005 |
| 638724 | 76 | 77 <0.005 |
| 638725 | 77 | 78 <0.005 |
| 638726 | 78 | 79 <0.005 |
| 638727 | 79 | 80 <0.005 |
| 638729 | 80 | 81 <0.005 |
| 638730 | 81 | 82 <0.005 |
| 638731 | 82 | 83 <0.005 |
| 638732 | 83 | 84 <0.005 |
| 638733 | 84 | 85 <0.005 |
| 638734 | 85 | 86 <0.005 |
| 638735 | 86 | 87 <0.005 |
| 638736 | 87 | 88 <0.005 |
| 638737 | 88 | 89 <0.005 |
| 638738 | 89 | 90 <0.005 |
| 638739 | 90 | 91 <0.005 |
| 638741 | 91 | 92 <0.005 |
| 638742 | 92 | 93 <0.005 |
| 638743 | 93 | 94 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------------------------------|
| | | 638774 52 53 <0.005 |
| | | 638775 53 54 <0.005 |
| | | 638776 54 55 <0.005 |

94.73 102.44 DIA Diabase
 Plagioclase phenocryst ranging from 0.1 - 2cm in the diabase. 2 - 3mm carbonate stringers present

| Sample | From | To | Best Au (ppm) |
|--------|------|--------|---------------|
| 638744 | 94 | 95 | <0.005 |
| 638745 | 95 | 96 | <0.005 |
| 638746 | 96 | 97 | <0.005 |
| 638747 | 97 | 98 | <0.005 |
| 638748 | 98 | 99 | <0.005 |
| 638749 | 99 | 100 | <0.005 |
| 638750 | 100 | 101 | <0.005 |
| 638751 | 101 | 102.44 | <0.005 |

102.44 110.81 FVOL Felsic volcanic
 lapilli tuff
 ; sericite alteration slightly looks pale brown as lapilli tuff gets to diabase contact

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 102.44 | 110.81 | SR | SEL | 1 | | | | | | 638752 | 102.44 | 103 | <0.005 |
| | | | | | | | | | | 638754 | 103 | 104 | <0.005 |
| | | | | | | | | | | 638755 | 104 | 105 | <0.005 |
| | | | | | | | | | | 638756 | 105 | 106 | <0.005 |
| | | | | | | | | | | 638757 | 106 | 107 | <0.005 |
| | | | | | | | | | | 638758 | 107 | 108 | <0.005 |
| | | | | | | | | | | 638759 | 108 | 109 | <0.005 |
| | | | | | | | | | | 638760 | 109 | 110 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | Best Au (ppm) | | | | | | | |
|----------|--------|----------------------|------------------------------|---------------------------------------------------------------------------------------------------|--------------------------|--------|---------------|---------------|---------------|-------|-------|--------|------|-----|---------------|
| 110.81 | 112.34 | DIA | Diabase | Plagioclase phenocryst ranging from 0.1 - 2cm in the diabase. 2 - 3mm carbonate stringers present | | | | | | | | | | | |
| | | | | Sample | From | To | Best Au (ppm) | | | | | | | | |
| | | | | 638761 | 110 | 111 | <0.005 | | | | | | | | |
| | | | | 638762 | 111 | 112 | <0.005 | | | | | | | | |
| 112.34 | 113.55 | FVOL | Felsic volcanic lapilli tuff | ; sericite alteration slightly looks pale brown as lapilli tuff gets to diabase contact | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | Best Au (ppm) | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 112.34 | 113.55 | SR | SEL | 1 | | | | | | 638763 | 112 | 113 | <0.005 |
| 113.55 | 117.94 | DIA | Diabase | | | | | | | | | | | | |
| | | | | Sample | From | To | Best Au (ppm) | | | | | | | | |
| | | | | 638764 | 113 | 114 | <0.005 | | | | | | | | |
| | | | | 638766 | 114 | 115 | <0.005 | | | | | | | | |
| | | | | 638767 | 115 | 116 | <0.005 | | | | | | | | |
| | | | | 638768 | 116 | 117 | <0.005 | | | | | | | | |
| | | | | 638769 | 117 | 117.94 | <0.005 | | | | | | | | |
| 117.94 | 136.43 | FVOL | Felsic volcanic lapilli tuff | ; sericite alteration slightly looks pale brown as lapilli tuff | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|----------------------|--------|------------------------------|-------|--------------------------|--------|--------|------|-------|---------------|--------|--------|---------------|--------|
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 117.94 | 136.43 | SR | SEL | 1 | 117.94 | 136.43 | PY | MTX | 0.05 | 638770 | 117.94 | 119 | <0.005 |
| | | | | | | | | | | | | 638771 | 119 | 120 | <0.005 |
| | | | | | | | | | | | | 638772 | 120 | 121 | <0.005 |
| | | | | | | | | | | | | 638773 | 121 | 122 | <0.005 |
| | | | | | | | | | | | | 638777 | 122 | 123 | <0.005 |
| | | | | | | | | | | | | 638779 | 123 | 124 | <0.005 |
| | | | | | | | | | | | | 638780 | 124 | 125 | <0.005 |
| | | | | | | | | | | | | 638781 | 125 | 126 | <0.005 |
| | | | | | | | | | | | | 638782 | 126 | 127 | <0.005 |
| | | | | | | | | | | | | 638783 | 127 | 128 | <0.005 |
| | | | | | | | | | | | | 638784 | 128 | 129 | <0.005 |
| | | | | | | | | | | | | 638785 | 129 | 130 | <0.005 |
| | | | | | | | | | | | | 638786 | 130 | 131.22 | <0.005 |
| | | | | | | | | | | | | 638787 | 131.22 | 132.33 | <0.005 |
| | | | | | | | | | | | | 638788 | 132.33 | 134 | <0.005 |
| | | | | | | | | | | | | 638789 | 134 | 135 | <0.005 |
| | | | | | | | | | | | | 638791 | 135 | 136.43 | <0.005 |
| 136.43 | 137.59 | FVOL | | Felsic volcanic lapilli tuff | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 136.43 | 137.59 | SR | SEL | 4 | 136.43 | 137.59 | PY | STR | 0.05 | 638792 | 136.43 | 137.25 | <0.005 |
| 137.59 | 149.32 | FVOL | | Felsic volcanic crystal tuff | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|-----------|--------------------------------------------------------------------------------------------|--------|--------------------------|--------------------------|------|-------|-------|---------------|---------------|--------|---------------|---------------|
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | |
| 137.59 | 149.32 | SR | SEL | 3 | | | | | | 638793 | 137.25 | 138.63 | <0.005 | |
| | | | | | | | | | | 638794 | 138.63 | 140 | <0.005 | |
| | | | | | | | | | | 638795 | 140 | 141 | <0.005 | |
| | | | | | | | | | | 638796 | 141 | 142.54 | <0.005 | |
| | | | | | | | | | | 638797 | 142.54 | 143 | <0.005 | |
| | | | | | | | | | | 638798 | 143 | 144 | <0.005 | |
| | | | | | | | | | | 638799 | 144 | 145.5 | <0.005 | |
| | | | | | | | | | | 638800 | 145.5 | 146.27 | <0.005 | |
| | | | | | | | | | | 638801 | 146.27 | 147.61 | <0.005 | |
| | | | | | | | | | | 638802 | 147.61 | 149 | <0.005 | |
| 149.32 | 231 | FVOL | Felsic volcanic lapili tuff | | | | | | | | | | | |
| | | | ; alteration present in this unit includes sericite, hematite, iron carbonate and fuchsite | | | | | | | | | | | |
| | | | ; not sure but rock type could possibly be intermediate volcanic | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | |
| 149.32 | 159.22 | CB | SEL | 1 | 149.32 | 231 | PY | DIS | 0.05 | 638804 | 149 | 150 | <0.005 | |
| 149.32 | 159.22 | SR | PV | 5 | | | | | | 638805 | 150 | 150.83 | <0.005 | |
| 159.22 | 159.66 | FU | SEL | 1 | | | | | | 638806 | 150.83 | 152 | <0.005 | |
| 159.22 | 159.66 | SR | PV | 5 | | | | | | 638807 | 152 | 153 | <0.005 | |
| 159.66 | 174.5 | CB | SEL | 2 | | | | | | 638808 | 153 | 154 | <0.005 | |
| 159.66 | 174.5 | SR | PV | 5 | | | | | | 638809 | 154 | 155.03 | <0.005 | |
| 174.5 | 182.95 | CB | SEL | 2 | | | | | | 638810 | 155.03 | 156 | <0.005 | |
| 174.5 | 182.95 | SR | PV | 3 | | | | | | 638811 | 156 | 156.76 | <0.005 | |
| 182.95 | 187.82 | HM | SEL | 2 | | | | | | 638812 | 156.76 | 158.75 | <0.005 | |
| 182.95 | 187.82 | SR | PV | 3 | | | | | | 638813 | 158.75 | 159.66 | <0.005 | |
| 187.82 | 191 | SR | PV | 4 | | | | | | 638814 | 159.66 | 161 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|--------|--------|--|
| 191 | 204.09 | CB | SEL | 3 | 638816 | 161 | 162 | <0.005 | |
| 191 | 204.09 | SR | PV | 4 | 638817 | 162 | 163 | <0.005 | |
| 204.09 | 205 | FU | SEL | 1 | 638818 | 163 | 164 | <0.005 | |
| 204.09 | 205 | SR | PV | 5 | 638819 | 164 | 165 | <0.005 | |
| 205 | 231 | CB | SEL | 1 | 638820 | 165 | 166 | <0.005 | |
| 205 | 231 | SR | PV | 4 | 638821 | 166 | 167 | <0.005 | |
| | | | | | 638822 | 167 | 168 | <0.005 | |
| | | | | | 638823 | 168 | 169 | <0.005 | |
| | | | | | 638824 | 169 | 170 | <0.005 | |
| | | | | | 638825 | 170 | 171 | <0.005 | |
| | | | | | 638826 | 171 | 172 | <0.005 | |
| | | | | | 638827 | 172 | 173 | <0.005 | |
| | | | | | 638829 | 173 | 174 | <0.005 | |
| | | | | | 638830 | 174 | 175 | <0.005 | |
| | | | | | 638831 | 175 | 176 | <0.005 | |
| | | | | | 638832 | 176 | 177 | <0.005 | |
| | | | | | 638833 | 177 | 178 | <0.005 | |
| | | | | | 638834 | 178 | 179 | <0.005 | |
| | | | | | 638835 | 179 | 180 | <0.005 | |
| | | | | | 638836 | 180 | 181 | <0.005 | |
| | | | | | 638837 | 181 | 181.83 | <0.005 | |
| | | | | | 638838 | 181.83 | 182.75 | <0.005 | |
| | | | | | 638839 | 182.75 | 184 | <0.005 | |
| | | | | | 638841 | 184 | 185 | <0.005 | |
| | | | | | 638842 | 185 | 186 | <0.005 | |
| | | | | | 638843 | 186 | 187.4 | <0.005 | |
| | | | | | 638844 | 187.4 | 188 | <0.005 | |
| | | | | | 638845 | 188 | 189 | <0.005 | |
| | | | | | 638846 | 189 | 190 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638847 | 190 | 191 <0.005 |
| 638848 | 191 | 192 <0.005 |
| 638849 | 192 | 193 <0.005 |
| 638850 | 193 | 194 <0.005 |
| 638851 | 194 | 195 <0.005 |
| 638852 | 195 | 196.24 <0.005 |
| 638854 | 196.24 | 197 <0.005 |
| 638855 | 197 | 198 <0.005 |
| 638856 | 198 | 199 <0.005 |
| 638857 | 199 | 200 <0.005 |
| 638858 | 200 | 201 <0.005 |
| 638859 | 201 | 202 <0.005 |
| 638860 | 202 | 203.25 <0.005 |
| 638861 | 203.25 | 204 <0.005 |
| 638862 | 204 | 205 <0.005 |
| 638863 | 205 | 206 <0.005 |
| 638864 | 206 | 207 <0.005 |
| 638866 | 207 | 208 <0.005 |
| 638867 | 208 | 209 <0.005 |
| 638868 | 209 | 210 <0.005 |
| 638869 | 210 | 211 <0.005 |
| 638870 | 211 | 212 <0.005 |
| 638871 | 212 | 213 <0.005 |
| 638872 | 213 | 214 <0.005 |
| 638873 | 214 | 215 <0.005 |
| 638874 | 215 | 216 <0.005 |
| 638875 | 216 | 217 <0.005 |
| 638876 | 217 | 218 <0.005 |
| 638877 | 218 | 219 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|-----------------------|
| | | 638879 219 220 <0.005 |
| | | 638880 220 221 <0.005 |
| | | 638881 221 222 <0.005 |
| | | 638882 222 223 <0.005 |
| | | 638883 223 224 <0.005 |
| | | 638884 224 225 <0.005 |
| | | 638885 225 226 <0.005 |
| | | 638886 226 227 <0.005 |
| | | 638887 227 228 <0.005 |
| | | 638888 228 229 <0.005 |
| | | 638889 229 230 <0.005 |
| | | 638891 230 231 <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|------------|----------------|-----|----------------|----------------|
| Azimuth : | 115 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 2-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 4-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 6-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427110.08 | Hole : | SURFACE |
| North : | 5267957.35 | Zone : | 17 |
| Elevation: | 387.4 | NAD : | NAD83 |

Target :

Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 115 | -65 | TN14 | 90 | 115.2 | -63.9 | Reflex |
| 6 | 115.2 | -64.9 | Reflex | 93 | 115.1 | -63.9 | Reflex |
| 9 | 115.1 | -64.4 | Reflex | 96 | 114.8 | -63.8 | Reflex |
| 12 | 114.4 | -64.5 | Reflex | 99 | 115.2 | -63.8 | Reflex |
| 15 | 114.7 | -64.7 | Reflex | 102 | 114.9 | -63.7 | Reflex |
| 18 | 115.1 | -64.6 | Reflex | 105 | 115.2 | -63.7 | Reflex |
| 21 | 115.6 | -64.5 | Reflex | 108 | 115.2 | -63.7 | Reflex |
| 24 | 115.3 | -64.5 | Reflex | 111 | 115.3 | -63.7 | Reflex |
| 27 | 115 | -64.5 | Reflex | 114 | 115.3 | -63.6 | Reflex |
| 30 | 115.1 | -64.5 | Reflex | 117 | 115.5 | -63.6 | Reflex |
| 33 | 114.9 | -64.6 | Reflex | 120 | 115.7 | -63.6 | Reflex |
| 36 | 114.8 | -64.5 | Reflex | 123 | 115.6 | -63.5 | Reflex |
| 39 | 114.6 | -64.4 | Reflex | 126 | 115.7 | -63.5 | Reflex |
| 42 | 114.4 | -64.5 | Reflex | 129 | 115.9 | -63.5 | Reflex |
| 45 | 114.4 | -64.4 | Reflex | 132 | 116 | -63.4 | Reflex |
| 48 | 114.6 | -64.4 | Reflex | 135 | 115.9 | -63.4 | Reflex |
| 51 | 114.6 | -64.4 | Reflex | 138 | 116.1 | -63.4 | Reflex |
| 54 | 114.5 | -64.4 | Reflex | 141 | 116.1 | -63.3 | Reflex |
| 57 | 114.6 | -64.4 | Reflex | 144 | 116.2 | -63.3 | Reflex |
| 60 | 114.7 | -64.4 | Reflex | 147 | 116.3 | -63.3 | Reflex |
| 63 | 114.8 | -64.3 | Reflex | 150 | 116.1 | -63.3 | Reflex |
| 66 | 114.8 | -64.3 | Reflex | 153 | 116.4 | -63.3 | Reflex |
| 69 | 114.5 | -64.3 | Reflex | 156 | 116.5 | -63.2 | Reflex |
| 72 | 114.6 | -64.2 | Reflex | 159 | 116.4 | -63.2 | Reflex |
| 75 | 114.5 | -64.2 | Reflex | 162 | 116.5 | -63.2 | Reflex |
| 78 | 114.5 | -64.1 | Reflex | 165 | 116.4 | -63.2 | Reflex |
| 81 | 114.4 | -64.1 | Reflex | 168 | 116.6 | -63.1 | Reflex |
| 84 | 114.7 | -64 | Reflex | 171 | 116.8 | -63.1 | Reflex |
| 87 | 114.9 | -63.9 | Reflex | 174 | 116.9 | -63 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 177 | 116.9 | -63 | Reflex |
| 180 | 117.2 | -62.9 | Reflex |
| 183 | 117.2 | -62.9 | Reflex |
| 186 | 117.3 | -62.9 | Reflex |
| 189 | 117.3 | -62.8 | Reflex |
| 192 | 117.2 | -62.8 | Reflex |
| 195 | 117.5 | -62.7 | Reflex |
| 198 | 117.5 | -62.7 | Reflex |
| 201 | 117.6 | -62.6 | Reflex |
| 204 | 117.7 | -62.5 | Reflex |
| 207 | 117.6 | -62.5 | Reflex |
| 210 | 117.6 | -62.4 | Reflex |
| 213 | 117.9 | -62.4 | Reflex |
| 216 | 117.7 | -62.4 | Reflex |
| 219 | 117.8 | -62.4 | Reflex |
| 222 | 117.9 | -62.3 | Reflex |
| 225 | 118.1 | -62.3 | Reflex |
| 228 | 118.4 | -62.3 | Reflex |
| 231 | 118.2 | -62.3 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 118 | 119.05 | 456501 | A18-01344 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 119.05 | 120 | 456502 | A18-01344 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 456504 | A18-01344 | 2.55 | 5 | - | - | - | - | - | 0.01 |
| 121 | 122 | 456505 | A18-01344 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123 | 456506 | A18-01344 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124 | 456507 | A18-01344 | 2.73 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 456508 | A18-01344 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 456509 | A18-01344 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127 | 456510 | A18-01344 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 127 | 128 | 456511 | A18-01344 | 1.4 | 6 | - | - | - | - | - | 0.01 |
| 128 | 129 | 456512 | A18-01344 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130 | 456513 | A18-01344 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131 | 456514 | A18-01344 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 131 | 132 | 456516 | A18-01344 | 2.91 | 6 | - | - | - | - | - | 0.01 |
| 132 | 133 | 456517 | A18-01344 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 133 | 134 | 456518 | A18-01344 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 456519 | A18-01344 | 2.29 | 10 | - | - | - | - | - | 0.01 |
| 135 | 136 | 456520 | A18-01344 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 136 | 137 | 456521 | A18-01344 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138 | 456522 | A18-01344 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139 | 456523 | A18-01344 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 139 | 140 | 456524 | A18-01344 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 456525 | A18-01344 | 2.52 | 6 | - | - | - | - | - | 0.01 |
| 141 | 142 | 456526 | A18-01344 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143 | 456527 | A18-01344 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 456529 | A18-01344 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145 | 456530 | A18-01344 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146 | 456531 | A18-01344 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147 | 456532 | A18-01344 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148 | 456533 | A18-01344 | 2.85 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 148 | 149 | 456534 | A18-01344 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 149 | 150 | 456535 | A18-01344 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151 | 456536 | A18-01344 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152 | 456537 | A18-01344 | 2.56 | 5 | - | - | - | - | - | 0.01 |
| 152 | 153 | 456538 | A18-01344 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154 | 456539 | A18-01344 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155 | 456541 | A18-01344 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 155 | 156 | 456542 | A18-01344 | 2.93 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 456543 | A18-01344 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 456544 | A18-01344 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 158 | 159 | 456545 | A18-01344 | 2.57 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160 | 456546 | A18-01344 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161 | 456547 | A18-01344 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162 | 456548 | A18-01344 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163 | 456549 | A18-01344 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164 | 456550 | A18-01344 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 164 | 165 | 456551 | A18-01344 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166 | 456552 | A18-01344 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167 | 456554 | A18-01344 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 167 | 168 | 456555 | A18-01344 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169 | 456556 | A18-01344 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 456557 | A18-01344 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 456558 | A18-01344 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 456559 | A18-01344 | 2.82 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 456560 | A18-01344 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 456561 | A18-01344 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 456562 | A18-01344 | 2.6 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 456563 | A18-01344 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177 | 456564 | A18-01344 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 456566 | A18-01344 | 2.25 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 178 | 179 | 456567 | A18-01344 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 456568 | A18-01344 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181 | 456569 | A18-01344 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182 | 456570 | A18-01344 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 182 | 183 | 456571 | A18-01344 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184 | 456572 | A18-01344 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 456573 | A18-01344 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 456574 | A18-01344 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187 | 456575 | A18-01344 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 187 | 188 | 456576 | A18-01344 | 2.75 | 2.5 | - | - | - | - | - | < DL |
| 188 | 189 | 456577 | A18-01344 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190 | 456579 | A18-01344 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 190 | 191 | 456580 | A18-01344 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 456581 | A18-01344 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193 | 456582 | A18-01344 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 456583 | A18-01344 | 3.02 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 456584 | A18-01344 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196 | 456585 | A18-01344 | 2.6 | 2.5 | - | - | - | - | - | < DL |
| 196 | 197.08 | 456586 | A18-01344 | 3.04 | 6 | - | - | - | - | - | 0.01 |
| 197.08 | 198 | 456587 | A18-01344 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 456588 | A18-01344 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200 | 456589 | A18-01344 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201 | 456591 | A18-01344 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 456592 | A18-01344 | 1.72 | 5 | - | - | - | - | - | 0.01 |
| 202 | 203 | 456593 | A18-01344 | 2.73 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204 | 456594 | A18-01344 | 2.98 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 456595 | A18-01344 | 2.75 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 456596 | A18-01344 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 456597 | A18-01344 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208 | 456598 | A18-01344 | 2.58 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 208 | 209 | 456599 | A18-01344 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210 | 456600 | A18-01344 | 3.01 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 456601 | A18-01344 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 456602 | A18-01344 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 456604 | A18-01344 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 456605 | A18-01344 | 2.57 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 456606 | A18-01344 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 456607 | A18-01344 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 456608 | A18-01344 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218 | 456609 | A18-01344 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 456610 | A18-01344 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220.17 | 456611 | A18-01344 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 220.17 | 221 | 456612 | A18-01344 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 456613 | A18-01344 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223 | 456614 | A18-01344 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 456616 | A18-01344 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 456617 | A18-01344 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226 | 456618 | A18-01344 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 226 | 227 | 456619 | A18-01344 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 456620 | A18-01344 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 456621 | A18-01344 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 229 | 230 | 456622 | A18-01344 | 2.76 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 456623 | A18-01344 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 1.32 | 3 | 638374 | A18-01345 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 3 | 4 | 638375 | A18-01345 | 1.41 | 2.5 | - | - | - | - | - | < DL |
| 4 | 5 | 638376 | A18-01345 | 2.49 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 638377 | A18-01345 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 638379 | A18-01345 | 1.98 | 5 | - | - | - | - | - | 0.01 |
| 7 | 8 | 638380 | A18-01345 | 1.82 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9 | 638381 | A18-01345 | 1.01 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 9 | 10 | 638382 | A18-01345 | 1.28 | 2.5 | - | - | - | - | - | < DL |
| 10 | 11 | 638383 | A18-01345 | 1.5 | 2.5 | - | - | - | - | - | < DL |
| 11 | 12 | 638384 | A18-01345 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13 | 638385 | A18-01345 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 13 | 14 | 638386 | A18-01345 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15 | 638387 | A18-01345 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16 | 638388 | A18-01345 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17 | 638389 | A18-01345 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 638391 | A18-01345 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 638392 | A18-01345 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20 | 638393 | A18-01345 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 20 | 21 | 638394 | A18-01345 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22 | 638395 | A18-01345 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 22 | 23 | 638396 | A18-01345 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 23 | 24 | 638397 | A18-01345 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25 | 638398 | A18-01345 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 25 | 26 | 638399 | A18-01345 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27 | 638400 | A18-01345 | 2.73 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28 | 638401 | A18-01345 | 2.93 | 2.5 | - | - | - | - | - | < DL |
| 28 | 29 | 638402 | A18-01345 | 2.81 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30 | 638404 | A18-01345 | 3.09 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31 | 638405 | A18-01345 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 31 | 32 | 638406 | A18-01345 | 2.57 | 2.5 | - | - | - | - | - | < DL |
| 32 | 33 | 638407 | A18-01345 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34 | 638408 | A18-01345 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 638409 | A18-01345 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 638410 | A18-01345 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37 | 638411 | A18-01345 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 37 | 38 | 638412 | A18-01345 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 38 | 39 | 638413 | A18-01345 | 2.22 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 39 | 40 | 638414 | A18-01345 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 40 | 41 | 638416 | A18-01345 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42 | 638417 | A18-01345 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43 | 638418 | A18-01345 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 43 | 44 | 638419 | A18-01345 | 3.01 | 6 | - | - | - | - | - | 0.01 |
| 44 | 45 | 638420 | A18-01345 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46 | 638421 | A18-01345 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 46 | 47 | 638422 | A18-01345 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48 | 638423 | A18-01345 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49 | 638424 | A18-01345 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50 | 638425 | A18-01345 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51 | 638426 | A18-01345 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52 | 638427 | A18-01345 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 52 | 53 | 638429 | A18-01345 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 638430 | A18-01345 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 638431 | A18-01345 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 638432 | A18-01345 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57 | 638433 | A18-01345 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 638434 | A18-01345 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 638435 | A18-01345 | 2.56 | 5 | - | - | - | - | - | 0.01 |
| 59 | 60 | 638436 | A18-01345 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61 | 638437 | A18-01345 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 61 | 62 | 638438 | A18-01345 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63 | 638439 | A18-01345 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64 | 638441 | A18-01345 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 64 | 65 | 638442 | A18-01345 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 638443 | A18-01345 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67 | 638444 | A18-01345 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 638445 | A18-01345 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 638446 | A18-01345 | 2.37 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 69 | 70 | 638447 | A18-01345 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 70 | 71 | 638448 | A18-01345 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 71 | 72 | 638449 | A18-01345 | 1.28 | 7 | - | - | - | - | - | 0.01 |
| 72 | 73 | 638450 | A18-01345 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 638451 | A18-01345 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75 | 638452 | A18-01345 | 2.04 | 6 | - | - | - | - | - | 0.01 |
| 75 | 76 | 638454 | A18-01345 | 1.74 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77 | 638455 | A18-01345 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 77 | 78 | 638456 | A18-01345 | 1.82 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79 | 638457 | A18-01345 | 1.4 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80 | 638458 | A18-01345 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 638459 | A18-01345 | 1.79 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 638460 | A18-01345 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 638461 | A18-01345 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84 | 638462 | A18-01345 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 84 | 84.89 | 638463 | A18-01345 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 84.89 | 86 | 638464 | A18-01345 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 638466 | A18-01345 | 1.81 | 5 | - | - | - | - | - | 0.01 |
| 87 | 88 | 638467 | A18-01345 | 1.44 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 638468 | A18-01345 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 638469 | A18-01345 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91 | 638470 | A18-01345 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 638471 | A18-01345 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 638472 | A18-01345 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94 | 638473 | A18-01345 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95 | 638474 | A18-01345 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96 | 638475 | A18-01345 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97 | 638476 | A18-01345 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 638477 | A18-01345 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 638479 | A18-01345 | 2.47 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 99 | 100 | 638480 | A18-01345 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 638481 | A18-01345 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 638482 | A18-01345 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 638484 | A18-01345 | 2.58 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104 | 638485 | A18-01345 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 638486 | A18-01345 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 638487 | A18-01345 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 638488 | A18-01345 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108 | 638489 | A18-01345 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109 | 638491 | A18-01345 | 1.7 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 638492 | A18-01345 | 2.94 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 638493 | A18-01345 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 638494 | A18-01345 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 638495 | A18-01345 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 638496 | A18-01345 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 638497 | A18-01345 | 2.64 | 11 | - | - | - | - | - | 0.01 |
| 115 | 116 | 638498 | A18-01345 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 638499 | A18-01345 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 638500 | A18-01345 | 2.51 | 17 | - | - | - | - | - | 0.02 |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 2 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | 231 | MVOL | Mafic volcanic tuff (could be a massive flow?) ; heavy chlorite and carbonate alteration ranging from strong to intense. You can still faintly see crystal tuff boundaries in strong chlorite alteration(4). You can no longer see them in intense chlorite(5) alteration; ; overall homogenous unit, but locally some extent of heterogeneity present; ; 0.05% disseminated to cubic pyrite mineralization locally structure controlled; ; 78.24m fold axis - Alpha 60 Beta 40; ; 84.89- 89.63m abundant carbonate stringers. 1% structure control pyrite mineralization. inferior irregular contact at 89.63m and Alpha is approximately 10; ; 128.31-139.00m weakly foliated interval, moderate amount of folded deformed carbonate stringers in the interval ranging from 0.1 - 1cm |
|---|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 2 | 7.62 | CB | SEL | 4 | 2 | 84.89 | CPY | STR | 0.05 | 456501 | 118 | 119.05 | <0.005 |
| 2 | 7.62 | SR | SEL | 4 | 2 | 84.89 | PY | DIS | 0.05 | 456502 | 119.05 | 120 | <0.005 |
| 7.62 | 24.33 | CB | SEL | 4 | 84.89 | 89.63 | PY | STR | 1 | 456504 | 120 | 121 | 0.01 |
| 7.62 | 24.33 | CL | PV | 4 | 116.05 | 119.59 | PY | DIS | 0.5 | 456505 | 121 | 122 | <0.005 |
| 24.33 | 34.95 | CB | SEL | 3 | | | | | | 456506 | 122 | 123 | <0.005 |
| 24.33 | 34.95 | CL | PV | 5 | | | | | | 456507 | 123 | 124 | <0.005 |
| 24.33 | 34.95 | HM | SEL | 2 | | | | | | 456508 | 124 | 125 | <0.005 |
| 34.95 | 69.66 | CB | SEL | 4 | | | | | | 456509 | 125 | 126 | <0.005 |
| 34.95 | 69.66 | CL | PV | 4 | | | | | | 456510 | 126 | 127 | <0.005 |
| 69.66 | 75.52 | CB | SEL | 4 | | | | | | 456511 | 127 | 128 | 0.01 |
| 69.66 | 75.52 | CL | PV | 3 | | | | | | 456512 | 128 | 129 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-----|-----|--------|--|
| 69.66 | 75.52 | HM | SEL | 2 | 456513 | 129 | 130 | <0.005 | |
| 75.52 | 84.89 | CB | SEL | 4 | 456514 | 130 | 131 | <0.005 | |
| 75.52 | 84.89 | CL | PV | 4 | 456516 | 131 | 132 | 0.01 | |
| 84.89 | 89.63 | CB | SEL | 4 | 456517 | 132 | 133 | <0.005 | |
| 84.89 | 89.63 | CL | PV | 5 | 456518 | 133 | 134 | <0.005 | |
| 89.63 | 102 | CB | SEL | 3 | 456519 | 134 | 135 | 0.01 | |
| 89.63 | 102 | CL | PV | 4 | 456520 | 135 | 136 | <0.005 | |
| 102 | 116.05 | CB | SEL | 4 | 456521 | 136 | 137 | <0.005 | |
| 102 | 116.05 | CL | PV | 5 | 456522 | 137 | 138 | <0.005 | |
| 116.05 | 119.59 | CB | SEL | 3 | 456523 | 138 | 139 | <0.005 | |
| 116.05 | 119.59 | CL | PV | 4 | 456524 | 139 | 140 | <0.005 | |
| 116.05 | 119.59 | HM | SEL | 2 | 456525 | 140 | 141 | 0.01 | |
| 119.59 | 128.31 | CB | SEL | 3 | 456526 | 141 | 142 | <0.005 | |
| 119.59 | 128.31 | CL | PV | 5 | 456527 | 142 | 143 | <0.005 | |
| 128.31 | 231 | CB | SEL | 4 | 456529 | 143 | 144 | <0.005 | |
| 128.31 | 231 | CL | PV | 4 | 456530 | 144 | 145 | <0.005 | |
| | | | | | 456531 | 145 | 146 | <0.005 | |
| | | | | | 456532 | 146 | 147 | <0.005 | |
| | | | | | 456533 | 147 | 148 | <0.005 | |
| | | | | | 456534 | 148 | 149 | <0.005 | |
| | | | | | 456535 | 149 | 150 | <0.005 | |
| | | | | | 456536 | 150 | 151 | <0.005 | |
| | | | | | 456537 | 151 | 152 | 0.01 | |
| | | | | | 456538 | 152 | 153 | <0.005 | |
| | | | | | 456539 | 153 | 154 | <0.005 | |
| | | | | | 456541 | 154 | 155 | <0.005 | |
| | | | | | 456542 | 155 | 156 | <0.005 | |
| | | | | | 456543 | 156 | 157 | <0.005 | |
| | | | | | 456544 | 157 | 158 | <0.005 | |

Drill Hole Report

Hole Number : CD17-005
 Project : Cote Gold

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------|
| 456545 | 158 | 159 <0.005 |
| 456546 | 159 | 160 <0.005 |
| 456547 | 160 | 161 <0.005 |
| 456548 | 161 | 162 <0.005 |
| 456549 | 162 | 163 <0.005 |
| 456550 | 163 | 164 <0.005 |
| 456551 | 164 | 165 <0.005 |
| 456552 | 165 | 166 <0.005 |
| 456554 | 166 | 167 <0.005 |
| 456555 | 167 | 168 <0.005 |
| 456556 | 168 | 169 <0.005 |
| 456557 | 169 | 170 <0.005 |
| 456558 | 170 | 171 <0.005 |
| 456559 | 171 | 172 <0.005 |
| 456560 | 172 | 173 <0.005 |
| 456561 | 173 | 174 <0.005 |
| 456562 | 174 | 175 <0.005 |
| 456563 | 175 | 176 <0.005 |
| 456564 | 176 | 177 <0.005 |
| 456566 | 177 | 178 <0.005 |
| 456567 | 178 | 179 <0.005 |
| 456568 | 179 | 180 <0.005 |
| 456569 | 180 | 181 <0.005 |
| 456570 | 181 | 182 <0.005 |
| 456571 | 182 | 183 <0.005 |
| 456572 | 183 | 184 <0.005 |
| 456573 | 184 | 185 <0.005 |
| 456574 | 185 | 186 <0.005 |
| 456575 | 186 | 187 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-------------|
| 456576 | 187 | 188 <0.005 |
| 456577 | 188 | 189 <0.005 |
| 456579 | 189 | 190 <0.005 |
| 456580 | 190 | 191 <0.005 |
| 456581 | 191 | 192 <0.005 |
| 456582 | 192 | 193 <0.005 |
| 456583 | 193 | 194 <0.005 |
| 456584 | 194 | 195 <0.005 |
| 456585 | 195 | 196 <0.005 |
| 456586 | 196 | 197.08 0.01 |
| 456587 | 197.08 | 198 <0.005 |
| 456588 | 198 | 199 <0.005 |
| 456589 | 199 | 200 <0.005 |
| 456591 | 200 | 201 <0.005 |
| 456592 | 201 | 202 0.01 |
| 456593 | 202 | 203 <0.005 |
| 456594 | 203 | 204 <0.005 |
| 456595 | 204 | 205 <0.005 |
| 456596 | 205 | 206 <0.005 |
| 456597 | 206 | 207 <0.005 |
| 456598 | 207 | 208 <0.005 |
| 456599 | 208 | 209 <0.005 |
| 456600 | 209 | 210 <0.005 |
| 456601 | 210 | 211 <0.005 |
| 456602 | 211 | 212 <0.005 |
| 456604 | 212 | 213 <0.005 |
| 456605 | 213 | 214 <0.005 |
| 456606 | 214 | 215 <0.005 |
| 456607 | 215 | 216 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 456608 | 216 | 217 <0.005 |
| 456609 | 217 | 218 <0.005 |
| 456610 | 218 | 219 <0.005 |
| 456611 | 219 | 220.17 <0.005 |
| 456612 | 220.17 | 221 <0.005 |
| 456613 | 221 | 222 <0.005 |
| 456614 | 222 | 223 <0.005 |
| 456616 | 223 | 224 <0.005 |
| 456617 | 224 | 225 <0.005 |
| 456618 | 225 | 226 <0.005 |
| 456619 | 226 | 227 <0.005 |
| 456620 | 227 | 228 <0.005 |
| 456621 | 228 | 229 <0.005 |
| 456622 | 229 | 230 <0.005 |
| 456623 | 230 | 231 <0.005 |
| 638374 | 1.32 | 3 <0.005 |
| 638375 | 3 | 4 <0.005 |
| 638376 | 4 | 5 <0.005 |
| 638377 | 5 | 6 <0.005 |
| 638379 | 6 | 7 0.01 |
| 638380 | 7 | 8 <0.005 |
| 638381 | 8 | 9 <0.005 |
| 638382 | 9 | 10 <0.005 |
| 638383 | 10 | 11 <0.005 |
| 638384 | 11 | 12 <0.005 |
| 638385 | 12 | 13 <0.005 |
| 638386 | 13 | 14 <0.005 |
| 638387 | 14 | 15 <0.005 |
| 638388 | 15 | 16 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
| 638389 | 16 | 17 <0.005 |
| 638391 | 17 | 18 <0.005 |
| 638392 | 18 | 19 <0.005 |
| 638393 | 19 | 20 <0.005 |
| 638394 | 20 | 21 <0.005 |
| 638395 | 21 | 22 <0.005 |
| 638396 | 22 | 23 <0.005 |
| 638397 | 23 | 24 <0.005 |
| 638398 | 24 | 25 <0.005 |
| 638399 | 25 | 26 <0.005 |
| 638400 | 26 | 27 <0.005 |
| 638401 | 27 | 28 <0.005 |
| 638402 | 28 | 29 <0.005 |
| 638404 | 29 | 30 <0.005 |
| 638405 | 30 | 31 <0.005 |
| 638406 | 31 | 32 <0.005 |
| 638407 | 32 | 33 <0.005 |
| 638408 | 33 | 34 <0.005 |
| 638409 | 34 | 35 <0.005 |
| 638410 | 35 | 36 <0.005 |
| 638411 | 36 | 37 <0.005 |
| 638412 | 37 | 38 <0.005 |
| 638413 | 38 | 39 <0.005 |
| 638414 | 39 | 40 <0.005 |
| 638416 | 40 | 41 <0.005 |
| 638417 | 41 | 42 <0.005 |
| 638418 | 42 | 43 <0.005 |
| 638419 | 43 | 44 0.01 |
| 638420 | 44 | 45 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
| 638421 | 45 | 46 <0.005 |
| 638422 | 46 | 47 <0.005 |
| 638423 | 47 | 48 <0.005 |
| 638424 | 48 | 49 <0.005 |
| 638425 | 49 | 50 <0.005 |
| 638426 | 50 | 51 <0.005 |
| 638427 | 51 | 52 <0.005 |
| 638429 | 52 | 53 <0.005 |
| 638430 | 53 | 54 <0.005 |
| 638431 | 54 | 55 <0.005 |
| 638432 | 55 | 56 <0.005 |
| 638433 | 56 | 57 <0.005 |
| 638434 | 57 | 58 <0.005 |
| 638435 | 58 | 59 0.01 |
| 638436 | 59 | 60 <0.005 |
| 638437 | 60 | 61 <0.005 |
| 638438 | 61 | 62 <0.005 |
| 638439 | 62 | 63 <0.005 |
| 638441 | 63 | 64 <0.005 |
| 638442 | 64 | 65 <0.005 |
| 638443 | 65 | 66 <0.005 |
| 638444 | 66 | 67 <0.005 |
| 638445 | 67 | 68 <0.005 |
| 638446 | 68 | 69 <0.005 |
| 638447 | 69 | 70 <0.005 |
| 638448 | 70 | 71 <0.005 |
| 638449 | 71 | 72 0.01 |
| 638450 | 72 | 73 <0.005 |
| 638451 | 73 | 74 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 638452 | 74 | 75 0.01 |
| 638454 | 75 | 76 <0.005 |
| 638455 | 76 | 77 <0.005 |
| 638456 | 77 | 78 <0.005 |
| 638457 | 78 | 79 <0.005 |
| 638458 | 79 | 80 <0.005 |
| 638459 | 80 | 81 <0.005 |
| 638460 | 81 | 82 <0.005 |
| 638461 | 82 | 83 <0.005 |
| 638462 | 83 | 84 <0.005 |
| 638463 | 84 | 84.89 <0.005 |
| 638464 | 84.89 | 86 <0.005 |
| 638466 | 86 | 87 0.01 |
| 638467 | 87 | 88 <0.005 |
| 638468 | 88 | 89 <0.005 |
| 638469 | 89 | 90 <0.005 |
| 638470 | 90 | 91 <0.005 |
| 638471 | 91 | 92 <0.005 |
| 638472 | 92 | 93 <0.005 |
| 638473 | 93 | 94 <0.005 |
| 638474 | 94 | 95 <0.005 |
| 638475 | 95 | 96 <0.005 |
| 638476 | 96 | 97 <0.005 |
| 638477 | 97 | 98 <0.005 |
| 638479 | 98 | 99 <0.005 |
| 638480 | 99 | 100 <0.005 |
| 638481 | 100 | 101 <0.005 |
| 638482 | 101 | 102 <0.005 |
| 638484 | 102 | 103 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|------------|
| 638485 | 103 | 104 <0.005 |
| 638486 | 104 | 105 <0.005 |
| 638487 | 105 | 106 <0.005 |
| 638488 | 106 | 107 <0.005 |
| 638489 | 107 | 108 <0.005 |
| 638491 | 108 | 109 <0.005 |
| 638492 | 109 | 110 <0.005 |
| 638493 | 110 | 111 <0.005 |
| 638494 | 111 | 112 <0.005 |
| 638495 | 112 | 113 <0.005 |
| 638496 | 113 | 114 <0.005 |
| 638497 | 114 | 115 0.01 |
| 638498 | 115 | 116 <0.005 |
| 638499 | 116 | 117 <0.005 |
| 638500 | 117 | 118 0.02 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 3.6 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 31-Oct-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 1-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 3-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|-----------|--------|---------|
| East : | 426316.62 | Hole : | SURFACE |
| North : | 5267984 | Zone : | 17 |
| Elevation: | 411.65 | NAD : | NAD83 |

Target :

Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 96 | 332.7 | -64.2 | Reflex |
| 12 | 329.2 | -64.8 | Reflex | 99 | 332.9 | -64.2 | Reflex |
| 15 | 329.6 | -64.8 | Reflex | 102 | 333 | -64.2 | Reflex |
| 18 | 329.8 | -64.8 | Reflex | 105 | 333.1 | -64.2 | Reflex |
| 21 | 329.8 | -64.9 | Reflex | 108 | 333.1 | -64.2 | Reflex |
| 24 | 330 | -64.8 | Reflex | 111 | 333.2 | -64.2 | Reflex |
| 27 | 330.1 | -64.9 | Reflex | 114 | 333.4 | -64.1 | Reflex |
| 30 | 330.1 | -64.8 | Reflex | 117 | 333.7 | -64 | Reflex |
| 33 | 330.2 | -64.8 | Reflex | 120 | 334 | -63.9 | Reflex |
| 36 | 330.3 | -64.8 | Reflex | 123 | 334.4 | -63.8 | Reflex |
| 39 | 330.4 | -64.7 | Reflex | 126 | 335 | -63.7 | Reflex |
| 42 | 330.6 | -64.7 | Reflex | 129 | 335.5 | -63.6 | Reflex |
| 45 | 330.6 | -64.7 | Reflex | 132 | 335.9 | -63.6 | Reflex |
| 48 | 330.8 | -64.6 | Reflex | 135 | 336.1 | -63.5 | Reflex |
| 51 | 331 | -64.6 | Reflex | 138 | 336.2 | -63.4 | Reflex |
| 54 | 331 | -64.6 | Reflex | 141 | 336.4 | -63.2 | Reflex |
| 57 | 331.1 | -64.6 | Reflex | 144 | 336.6 | -63.2 | Reflex |
| 60 | 331.2 | -64.6 | Reflex | 147 | 336.7 | -63.1 | Reflex |
| 63 | 331.4 | -64.5 | Reflex | 150 | 336.9 | -63.1 | Reflex |
| 66 | 331.5 | -64.5 | Reflex | 153 | 337.1 | -63 | Reflex |
| 69 | 331.7 | -64.5 | Reflex | 156 | 337.1 | -63 | Reflex |
| 72 | 331.8 | -64.4 | Reflex | 159 | 337.2 | -62.9 | Reflex |
| 75 | 331.8 | -64.4 | Reflex | 162 | 337.3 | -62.9 | Reflex |
| 78 | 332.1 | -64.3 | Reflex | 165 | 337.6 | -62.8 | Reflex |
| 81 | 332.2 | -64.3 | Reflex | 168 | 337.8 | -62.7 | Reflex |
| 84 | 332.4 | -64.3 | Reflex | 171 | 338 | -62.6 | Reflex |
| 87 | 332.6 | -64.3 | Reflex | 174 | 338.1 | -62.5 | Reflex |
| 90 | 332.6 | -64.3 | Reflex | 177 | 338.2 | -62.4 | Reflex |
| 93 | 332.7 | -64.2 | Reflex | 180 | 338.3 | -62.4 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 183 | 338.4 | -62.3 | Reflex |
| 186 | 338.6 | -62.3 | Reflex |
| 189 | 338.8 | -62.2 | Reflex |
| 192 | 338.7 | -62.1 | Reflex |
| 195 | 338.9 | -62.1 | Reflex |
| 198 | 338.9 | -62 | Reflex |
| 201 | 339 | -61.9 | Reflex |
| 204 | 339.1 | -61.9 | Reflex |
| 207 | 339.2 | -62 | Reflex |
| 210 | 338.9 | -62.1 | Reflex |
| 213 | 338.9 | -62 | Reflex |
| 216 | 338.9 | -62 | Reflex |
| 219 | 339 | -61.9 | Reflex |
| 222 | 339.2 | -61.9 | Reflex |
| 225 | 339.3 | -61.8 | Reflex |
| 228 | 339.4 | -61.7 | Reflex |
| 231 | 339.6 | -61.7 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 4 | 5 | 638134 | A18-05024 | 2.81 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 638135 | A18-05024 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 638136 | A18-05024 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 7 | 8 | 638137 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9 | 638138 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10 | 638139 | A18-05024 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 10 | 11 | 638141 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 11 | 12 | 638142 | A18-05024 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13 | 638143 | A18-05024 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 13 | 14 | 638144 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15 | 638145 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16 | 638146 | A18-05024 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17 | 638147 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 638148 | A18-05024 | 1.49 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 638149 | A18-05024 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20 | 638150 | A18-05024 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 20 | 21 | 638151 | A18-05024 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.54 | 638152 | A18-05024 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 22.54 | 24 | 638154 | A18-05024 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25 | 638155 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 25 | 26 | 638156 | A18-05024 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27 | 638157 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28 | 638158 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 28 | 29 | 638159 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30 | 638160 | A18-05024 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31 | 638161 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 31 | 32 | 638162 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 32 | 33 | 638163 | A18-05024 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34 | 638164 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 638166 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|---|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | | | |
| 35 | 36 | 638167 | A18-05024 | 2.08 | 2.5 | - | - | - | - | - | - | < DL |
| 36 | 37 | 638168 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | - | < DL |
| 37 | 38.18 | 638169 | A18-05024 | 2.67 | 2.5 | - | - | - | - | - | - | < DL |
| 38.18 | 39 | 638170 | A18-05024 | 1.85 | 2.5 | - | - | - | - | - | - | < DL |
| 39 | 40 | 638171 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | - | < DL |
| 40 | 41 | 638172 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | - | < DL |
| 41 | 42 | 638173 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | - | < DL |
| 42 | 43 | 638174 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | - | < DL |
| 43 | 44 | 638175 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | - | < DL |
| 44 | 45 | 638176 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | - | < DL |
| 45 | 46 | 638177 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | - | < DL |
| 46 | 47 | 638179 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | - | < DL |
| 47 | 47.56 | 638180 | A18-05024 | 1.91 | 2.5 | - | - | - | - | - | - | < DL |
| 47.56 | 49 | 638181 | A18-05024 | 2.66 | 2.5 | - | - | - | - | - | - | < DL |
| 49 | 50 | 638182 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | - | < DL |
| 50 | 51 | 638183 | A18-05024 | 2.42 | 2.5 | - | - | - | - | - | - | < DL |
| 51 | 52.15 | 638184 | A18-05024 | 2.61 | 2.5 | - | - | - | - | - | - | < DL |
| 52.15 | 53 | 638185 | A18-05024 | 2.01 | 2.5 | - | - | - | - | - | - | < DL |
| 53 | 54 | 638186 | A18-05024 | 2.11 | 2.5 | - | - | - | - | - | - | < DL |
| 54 | 55 | 638187 | A18-05024 | 2.1 | 2.5 | - | - | - | - | - | - | < DL |
| 55 | 56 | 638188 | A18-05024 | 2.03 | 2.5 | - | - | - | - | - | - | < DL |
| 56 | 57 | 638189 | A18-05024 | 2.4 | 2.5 | - | - | - | - | - | - | < DL |
| 57 | 58 | 638191 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | - | < DL |
| 58 | 59 | 638192 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | - | < DL |
| 59 | 60 | 638193 | A18-05024 | 2.02 | 2.5 | - | - | - | - | - | - | < DL |
| 60 | 61 | 638194 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | - | < DL |
| 61 | 62 | 638195 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | - | < DL |
| 62 | 63 | 638196 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | - | < DL |
| 63 | 64 | 638197 | A18-05024 | 2.11 | 2.5 | - | - | - | - | - | - | < DL |
| 64 | 65 | 638198 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 65 | 66.05 | 638199 | A18-05024 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 66.05 | 67 | 638200 | A18-05024 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 638201 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70 | 638202 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 70 | 71 | 638204 | A18-05024 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 71 | 72 | 638205 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 638206 | A18-05024 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74.47 | 638207 | A18-05024 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 74.47 | 75 | 638208 | A18-05024 | 1.36 | 2.5 | - | - | - | - | - | < DL |
| 75 | 75.8 | 638209 | A18-05024 | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 75.8 | 77 | 638210 | A18-05024 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 77 | 78 | 638211 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79 | 638212 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80 | 638213 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 638214 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 638216 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 638217 | A18-05024 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84 | 638218 | A18-05024 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 638219 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86.05 | 638220 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 86.05 | 87 | 638221 | A18-05024 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 638222 | A18-05024 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 638223 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 638224 | A18-05024 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91 | 638225 | A18-05024 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 638226 | A18-05024 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 638227 | A18-05024 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94 | 638229 | A18-05024 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96 | 638230 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97 | 638231 | A18-05024 | 2.07 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 97 | 98 | 638232 | A18-05024 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 638233 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100 | 638234 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 638235 | A18-05024 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 638236 | A18-05024 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 638237 | A18-05024 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104 | 638238 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95 | 638239 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 638241 | A18-05024 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 638242 | A18-05024 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 638243 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108.5 | 638244 | A18-05024 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 108.5 | 110 | 638245 | A18-05024 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 638246 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 638247 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 638248 | A18-05024 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 638249 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 638250 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 115 | 116 | 638251 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 638252 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 638254 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 118 | 119 | 638255 | A18-05024 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120 | 638256 | A18-05024 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 638257 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 638258 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123 | 638259 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124 | 638260 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 638261 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 638262 | A18-05024 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127 | 638263 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 127 | 128 | 638264 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129 | 638266 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130 | 638267 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131 | 638268 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 131 | 132.47 | 638269 | A18-05024 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 132.47 | 134 | 638270 | A18-05024 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 638271 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136 | 638272 | A18-05024 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 136 | 137 | 638273 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138 | 638274 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139 | 638275 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 139 | 140 | 638276 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 638277 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142 | 638279 | A18-05024 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143 | 638280 | A18-05024 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144 | 638281 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145 | 638282 | A18-05024 | 2 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146 | 638283 | A18-05024 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147 | 638284 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148 | 638285 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149 | 638286 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 149 | 150 | 638287 | A18-05024 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151 | 638288 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152.33 | 638289 | A18-05024 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 152.33 | 154 | 638291 | A18-05024 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155 | 638292 | A18-05024 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 155 | 156 | 638293 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 638294 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 638295 | A18-05024 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 158 | 159 | 638296 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 159 | 160 | 638297 | A18-05024 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161 | 638298 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162 | 638299 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163 | 638300 | A18-05024 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164 | 638301 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 164 | 165 | 638302 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166 | 638304 | A18-05024 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167 | 638305 | A18-05024 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 167 | 168 | 638306 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169 | 638307 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 638308 | A18-05024 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 638309 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 638310 | A18-05024 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 638311 | A18-05024 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 638312 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 638313 | A18-05024 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 638314 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177 | 638316 | A18-05024 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 638317 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179 | 638318 | A18-05024 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 638319 | A18-05024 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181 | 638320 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182 | 638321 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 182 | 183 | 638322 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184 | 638323 | A18-05024 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 638324 | A18-05024 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 638325 | A18-05024 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187 | 638326 | A18-05024 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 187 | 188 | 638327 | A18-05024 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 188 | 189 | 638329 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 189 | 190 | 638330 | A18-05024 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 190 | 191 | 638331 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 638332 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193 | 638333 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 638334 | A18-05024 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 638335 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196 | 638336 | A18-05024 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 196 | 197.08 | 638337 | A18-05024 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 197.08 | 198 | 638338 | A18-05024 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 638339 | A18-05024 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200 | 638341 | A18-05024 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201 | 638342 | A18-05024 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 638343 | A18-05024 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 202 | 203 | 638344 | A18-05024 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204 | 638345 | A18-05024 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 638346 | A18-05024 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 638347 | A18-05024 | 2.32 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 638348 | A18-05024 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208.63 | 638349 | A18-05024 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 208.63 | 210 | 638350 | A18-05024 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 638351 | A18-05024 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 638352 | A18-05024 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 638354 | A18-05024 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 638355 | A18-05024 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 638356 | A18-05024 | 2 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 638357 | A18-05024 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 638358 | A18-05024 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218 | 638359 | A18-05024 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 638360 | A18-05024 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220 | 638361 | A18-05024 | 2.19 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 220 | 221 | 638362 | A18-05024 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 638363 | A18-05024 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223 | 638364 | A18-05024 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 638366 | A18-05024 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 638367 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226 | 638368 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 226 | 227 | 638369 | A18-05024 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 638370 | A18-05024 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 638371 | A18-05024 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 229 | 230 | 638372 | A18-05024 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 638373 | A18-05024 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 900924 | A18-05024 | 2.2 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------|
| 0 | 4 | OV | Overburden |

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

4 22.54 MVOL Mafic volcanic
 crystal tuff (slightly deformed euhedral to subhedral and on average <2mm in diameter);
 ; moderate amount of calsite stringers in the interval; few 0.2-1cm quartz carbonate pods;
 ; 0.05% pyrite mineralization

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 4 | 22.54 | CB | SEL | 4 | 4 | 22.54 | PY | MTX | 0.05 | 638134 | 4 | 5 | <0.005 |
| | | | | | | | | | | 638135 | 5 | 6 | <0.005 |
| | | | | | | | | | | 638136 | 6 | 7 | <0.005 |
| | | | | | | | | | | 638137 | 7 | 8 | <0.005 |
| | | | | | | | | | | 638138 | 8 | 9 | <0.005 |
| | | | | | | | | | | 638139 | 9 | 10 | <0.005 |
| | | | | | | | | | | 638141 | 10 | 11 | <0.005 |
| | | | | | | | | | | 638142 | 11 | 12 | <0.005 |
| | | | | | | | | | | 638143 | 12 | 13 | <0.005 |
| | | | | | | | | | | 638144 | 13 | 14 | <0.005 |
| | | | | | | | | | | 638145 | 14 | 15 | <0.005 |
| | | | | | | | | | | 638146 | 15 | 16 | <0.005 |
| | | | | | | | | | | 638147 | 16 | 17 | <0.005 |
| | | | | | | | | | | 638148 | 17 | 18 | <0.005 |
| | | | | | | | | | | 638149 | 18 | 19 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------|
| | 638150 | 19 20 <0.005 |
| | 638151 | 20 21 <0.005 |
| | 638152 | 21 22.54 <0.005 |

22.54 30.63 MVOL Mafic volcanic
 lapili tuff - mixture of ash and lapili and wherer ash size particle are 25-75% in the mixture (slightly deformed angular to sub-rounded and on average 2mm to 1cm in diameter);
 ; moderate amount of calcite stringers in no particular orientation

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 22.54 | 30.63 | CB | SEL | 4 | 22.54 | 30.63 | PY | MTX | 0.05 | 638154 | 22.54 | 24 | <0.005 |
| 22.54 | 30.63 | CL | PV | 2 | | | | | | 638155 | 24 | 25 | <0.005 |
| | | | | | | | | | | 638156 | 25 | 26 | <0.005 |
| | | | | | | | | | | 638157 | 26 | 27 | <0.005 |
| | | | | | | | | | | 638158 | 27 | 28 | <0.005 |
| | | | | | | | | | | 638159 | 28 | 29 | <0.005 |
| | | | | | | | | | | 638160 | 29 | 30 | <0.005 |

30.63 79.59 MVOL Mafic volcanic
 crystal tuff
 ; 55.81-66.05m interval has 3mm - 0.5cm abundant calcite veinlets sub parallel to the foliation

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 30.63 | 38.16 | CB | SEL | 4 | 30.63 | 79.59 | PY | MTX | 0.05 | 638161 | 30 | 31 | <0.005 |
| 30.63 | 38.16 | CL | PV | 2 | | | | | | 638162 | 31 | 32 | <0.005 |
| 38.16 | 50.56 | CB | SEL | 4 | | | | | | 638163 | 32 | 33 | <0.005 |
| 38.16 | 50.56 | CL | PV | 3 | | | | | | 638164 | 33 | 34 | <0.005 |
| 50.56 | 55.81 | CB | SEL | 3 | | | | | | 638166 | 34 | 35 | <0.005 |
| 55.81 | 66.05 | CB | SEL | 3 | | | | | | 638167 | 35 | 36 | <0.005 |
| 55.81 | 66.05 | CL | PV | 3 | | | | | | 638168 | 36 | 37 | <0.005 |
| 66.05 | 73.31 | CB | SEL | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 66.05 | 73.31 | CL | PV | 3 | 638169 | 37 | 38.18 | <0.005 | |
| 73.31 | 74.47 | CB | PV | 5 | 638170 | 38.18 | 39 | <0.005 | |
| 73.31 | 74.47 | HM | SEL | 1 | 638171 | 39 | 40 | <0.005 | |
| 74.47 | 79.59 | CB | SEL | 4 | 638172 | 40 | 41 | <0.005 | |
| 74.47 | 79.59 | CL | PV | 4 | 638173 | 41 | 42 | <0.005 | |
| | | | | | 638174 | 42 | 43 | <0.005 | |
| | | | | | 638175 | 43 | 44 | <0.005 | |
| | | | | | 638176 | 44 | 45 | <0.005 | |
| | | | | | 638177 | 45 | 46 | <0.005 | |
| | | | | | 638179 | 46 | 47 | <0.005 | |
| | | | | | 638180 | 47 | 47.56 | <0.005 | |
| | | | | | 638181 | 47.56 | 49 | <0.005 | |
| | | | | | 638182 | 49 | 50 | <0.005 | |
| | | | | | 638183 | 50 | 51 | <0.005 | |
| | | | | | 638184 | 51 | 52.15 | <0.005 | |
| | | | | | 638185 | 52.15 | 53 | <0.005 | |
| | | | | | 638186 | 53 | 54 | <0.005 | |
| | | | | | 638187 | 54 | 55 | <0.005 | |
| | | | | | 638188 | 55 | 56 | <0.005 | |
| | | | | | 638189 | 56 | 57 | <0.005 | |
| | | | | | 638191 | 57 | 58 | <0.005 | |
| | | | | | 638192 | 58 | 59 | <0.005 | |
| | | | | | 638193 | 59 | 60 | <0.005 | |
| | | | | | 638194 | 60 | 61 | <0.005 | |
| | | | | | 638195 | 61 | 62 | <0.005 | |
| | | | | | 638196 | 62 | 63 | <0.005 | |
| | | | | | 638197 | 63 | 64 | <0.005 | |
| | | | | | 638198 | 64 | 65 | <0.005 | |
| | | | | | 638199 | 65 | 66.05 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------------------|
| | | 638200 66.05 67 <0.005 |
| | | 638201 68 69 <0.005 |
| | | 638202 69 70 <0.005 |
| | | 638204 70 71 <0.005 |
| | | 638205 71 72 <0.005 |
| | | 638206 72 73 <0.005 |
| | | 638207 73 74.47 <0.005 |
| | | 638208 74.47 75 <0.005 |
| | | 638209 75 75.8 <0.005 |
| | | 638210 75.8 77 <0.005 |
| | | 638211 77 78 <0.005 |
| | | 638212 78 79 <0.005 |
| | | 900924 67 68 <0.005 |

79.59 152.13 MVOL Mafic volcanic
 lapili tuff
 ; lapili tuff - mixture of ash and lapili and wherer ash size particle are 25-75% in the mixture (slightly deformed angular to sub-rounded and on average 2mm to 2cm in diameter);
 ; lapili are altered by chlorite alteration and some show hematite alteration as well; weak to moderate foliation

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 79.59 | 106.13 | CB | SEL | 3 | 106.13 | 106.6 | PY | MTX | 0.5 | 638213 | 79 | 80 | <0.005 |
| 79.59 | 106.13 | CL | PV | 3 | 106.6 | 152.13 | PY | MTX | 0.05 | 638214 | 80 | 81 | <0.005 |
| 106.13 | 106.6 | CB | SEL | 5 | | | | | | 638216 | 81 | 82 | <0.005 |
| 106.13 | 106.6 | CL | PV | 1 | | | | | | 638217 | 82 | 83 | <0.005 |
| 106.6 | 112.56 | CB | SEL | 3 | | | | | | 638218 | 83 | 84 | <0.005 |
| 106.6 | 112.56 | CL | PV | 4 | | | | | | 638219 | 84 | 85 | <0.005 |
| 112.56 | 116.96 | CB | SEL | 3 | | | | | | 638220 | 85 | 86.05 | <0.005 |
| 112.56 | 116.96 | CL | PV | 2 | | | | | | 638221 | 86.05 | 87 | <0.005 |
| 129.41 | 132.47 | CB | SEL | 2 | | | | | | 638222 | 87 | 88 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|--|---|--------|-------|-------|--------|
| 129.41 | 132.47 | CL | PV | | 2 | 638223 | 88 | 89 | <0.005 |
| 132.47 | 152.13 | CB | SEL | | 3 | 638224 | 89 | 90 | <0.005 |
| 132.47 | 152.13 | CL | PV | | 3 | 638225 | 90 | 91 | <0.005 |
| | | | | | | 638226 | 91 | 92 | <0.005 |
| | | | | | | 638227 | 92 | 93 | <0.005 |
| | | | | | | 638229 | 93 | 94 | <0.005 |
| | | | | | | 638230 | 95 | 96 | <0.005 |
| | | | | | | 638231 | 96 | 97 | <0.005 |
| | | | | | | 638232 | 97 | 98 | <0.005 |
| | | | | | | 638233 | 98 | 99 | <0.005 |
| | | | | | | 638234 | 99 | 100 | <0.005 |
| | | | | | | 638235 | 100 | 101 | <0.005 |
| | | | | | | 638236 | 101 | 102 | <0.005 |
| | | | | | | 638237 | 102 | 103 | <0.005 |
| | | | | | | 638238 | 103 | 104 | <0.005 |
| | | | | | | 638239 | 94 | 95 | <0.005 |
| | | | | | | 638241 | 104 | 105 | <0.005 |
| | | | | | | 638242 | 105 | 106 | <0.005 |
| | | | | | | 638243 | 106 | 107 | <0.005 |
| | | | | | | 638244 | 107 | 108.5 | <0.005 |
| | | | | | | 638245 | 108.5 | 110 | <0.005 |
| | | | | | | 638246 | 110 | 111 | <0.005 |
| | | | | | | 638247 | 111 | 112 | <0.005 |
| | | | | | | 638248 | 112 | 113 | <0.005 |
| | | | | | | 638249 | 113 | 114 | <0.005 |
| | | | | | | 638250 | 114 | 115 | <0.005 |
| | | | | | | 638251 | 115 | 116 | <0.005 |
| | | | | | | 638252 | 116 | 117 | <0.005 |
| | | | | | | 638254 | 117 | 118 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638255 | 118 | 119 <0.005 |
| 638256 | 119 | 120 <0.005 |
| 638257 | 120 | 121 <0.005 |
| 638258 | 121 | 122 <0.005 |
| 638259 | 122 | 123 <0.005 |
| 638260 | 123 | 124 <0.005 |
| 638261 | 124 | 125 <0.005 |
| 638262 | 125 | 126 <0.005 |
| 638263 | 126 | 127 <0.005 |
| 638264 | 127 | 128 <0.005 |
| 638266 | 128 | 129 <0.005 |
| 638267 | 129 | 130 <0.005 |
| 638268 | 130 | 131 <0.005 |
| 638269 | 131 | 132.47 <0.005 |
| 638270 | 132.47 | 134 <0.005 |
| 638271 | 134 | 135 <0.005 |
| 638272 | 135 | 136 <0.005 |
| 638273 | 136 | 137 <0.005 |
| 638274 | 137 | 138 <0.005 |
| 638275 | 138 | 139 <0.005 |
| 638276 | 139 | 140 <0.005 |
| 638277 | 140 | 141 <0.005 |
| 638279 | 141 | 142 <0.005 |
| 638280 | 142 | 143 <0.005 |
| 638281 | 143 | 144 <0.005 |
| 638282 | 144 | 145 <0.005 |
| 638283 | 145 | 146 <0.005 |
| 638284 | 146 | 147 <0.005 |
| 638285 | 147 | 148 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|---------------------------------------------------------------------------------------------------|--------|--------|---------------|------|-------|---------------|--------|--------|--------|---------------|
| | | 638286 | <0.005 | | | | | | | | | | |
| | | 638287 | <0.005 | | | | | | | | | | |
| | | 638288 | <0.005 | | | | | | | | | | |
| 152.13 | 231 | MVOL | Mafic volcanic crystal tuff | | | | | | | | | | |
| | | | ; 183.12 - 196.00m locally disseminated to cubic pyrite along weekly foliated carbonate stringers | | | | | | | | | | |
| | | | ; 205.69m fold axis - Alpha 50 | | | | | | | | | | |
| Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | | Best Au (ppm) | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 152.13 | 205 | CB | SEL | 3 | 152.13 | 231 | PY | STR | 0.05 | 638289 | 151 | 152.33 | <0.005 |
| 152.13 | 205 | CL | PV | 2 | | | | | | 638291 | 152.33 | 154 | <0.005 |
| 205 | 209 | CB | SEL | 3 | | | | | | 638292 | 154 | 155 | <0.005 |
| 205 | 209 | SR | SEL | 2 | | | | | | 638293 | 155 | 156 | <0.005 |
| 209 | 220.77 | CB | SEL | 3 | | | | | | 638294 | 156 | 157 | <0.005 |
| 209 | 220.77 | CL | PV | 2 | | | | | | 638295 | 157 | 158 | <0.005 |
| 220.77 | 225.12 | CB | SEL | 4 | | | | | | 638296 | 158 | 159 | <0.005 |
| 220.77 | 225.12 | CL | PV | 3 | | | | | | 638297 | 159 | 160 | <0.005 |
| 225.12 | 231 | CB | SEL | 3 | | | | | | 638298 | 160 | 161 | <0.005 |
| 225.12 | 231 | CL | PV | 2 | | | | | | 638299 | 161 | 162 | <0.005 |
| | | | | | | | | | | 638300 | 162 | 163 | <0.005 |
| | | | | | | | | | | 638301 | 163 | 164 | <0.005 |
| | | | | | | | | | | 638302 | 164 | 165 | <0.005 |
| | | | | | | | | | | 638304 | 165 | 166 | <0.005 |
| | | | | | | | | | | 638305 | 166 | 167 | <0.005 |
| | | | | | | | | | | 638306 | 167 | 168 | <0.005 |
| | | | | | | | | | | 638307 | 168 | 169 | <0.005 |
| | | | | | | | | | | 638308 | 169 | 170 | <0.005 |
| | | | | | | | | | | 638309 | 170 | 171 | <0.005 |
| | | | | | | | | | | 638310 | 171 | 172 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638311 | 172 | 173 <0.005 |
| 638312 | 173 | 174 <0.005 |
| 638313 | 174 | 175 <0.005 |
| 638314 | 175 | 176 <0.005 |
| 638316 | 176 | 177 <0.005 |
| 638317 | 177 | 178 <0.005 |
| 638318 | 178 | 179 <0.005 |
| 638319 | 179 | 180 <0.005 |
| 638320 | 180 | 181 <0.005 |
| 638321 | 181 | 182 <0.005 |
| 638322 | 182 | 183 <0.005 |
| 638323 | 183 | 184 <0.005 |
| 638324 | 184 | 185 <0.005 |
| 638325 | 185 | 186 <0.005 |
| 638326 | 186 | 187 <0.005 |
| 638327 | 187 | 188 <0.005 |
| 638329 | 188 | 189 <0.005 |
| 638330 | 189 | 190 <0.005 |
| 638331 | 190 | 191 <0.005 |
| 638332 | 191 | 192 <0.005 |
| 638333 | 192 | 193 <0.005 |
| 638334 | 193 | 194 <0.005 |
| 638335 | 194 | 195 <0.005 |
| 638336 | 195 | 196 <0.005 |
| 638337 | 196 | 197.08 <0.005 |
| 638338 | 197.08 | 198 <0.005 |
| 638339 | 198 | 199 <0.005 |
| 638341 | 199 | 200 <0.005 |
| 638342 | 200 | 201 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638343 | 201 | 202 <0.005 |
| 638344 | 202 | 203 <0.005 |
| 638345 | 203 | 204 <0.005 |
| 638346 | 204 | 205 <0.005 |
| 638347 | 205 | 206 <0.005 |
| 638348 | 206 | 207 <0.005 |
| 638349 | 207 | 208.63 <0.005 |
| 638350 | 208.63 | 210 <0.005 |
| 638351 | 210 | 211 <0.005 |
| 638352 | 211 | 212 <0.005 |
| 638354 | 212 | 213 <0.005 |
| 638355 | 213 | 214 <0.005 |
| 638356 | 214 | 215 <0.005 |
| 638357 | 215 | 216 <0.005 |
| 638358 | 216 | 217 <0.005 |
| 638359 | 217 | 218 <0.005 |
| 638360 | 218 | 219 <0.005 |
| 638361 | 219 | 220 <0.005 |
| 638362 | 220 | 221 <0.005 |
| 638363 | 221 | 222 <0.005 |
| 638364 | 222 | 223 <0.005 |
| 638366 | 223 | 224 <0.005 |
| 638367 | 224 | 225 <0.005 |
| 638368 | 225 | 226 <0.005 |
| 638369 | 226 | 227 <0.005 |
| 638370 | 227 | 228 <0.005 |
| 638371 | 228 | 229 <0.005 |
| 638372 | 229 | 230 <0.005 |
| 638373 | 230 | 231 <0.005 |

Drill Hole Report

Hole Number : CD17-006

Project : Cote Gold

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|-----------|
|-------------|-----------|-----------|

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 1.8 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 228 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 23-Oct-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 25-Oct-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 31-Oct-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 425927.55 | Hole : | SURFACE |
| North : | 5268376.56 | Zone : | 17 |
| Elevation: | 418.76 | NAD : | NAD83 |

Target : Condemnation Hole

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 99 | 333.3 | -64.4 | Reflex |
| 15 | 331.8 | -65.7 | Reflex | 102 | 333.3 | -64.4 | Reflex |
| 18 | 331.3 | -66.1 | Reflex | 105 | 333.4 | -64.4 | Reflex |
| 21 | 331.5 | -65.8 | Reflex | 108 | 333.5 | -64.4 | Reflex |
| 24 | 331.9 | -65.5 | Reflex | 111 | 333.5 | -64.4 | Reflex |
| 27 | 332 | -65.2 | Reflex | 114 | 333.5 | -64.3 | Reflex |
| 30 | 332.3 | -64.9 | Reflex | 117 | 333.5 | -64.4 | Reflex |
| 33 | 331.9 | -65.2 | Reflex | 120 | 333.8 | -64.3 | Reflex |
| 36 | 331.9 | -65.1 | Reflex | 123 | 333.7 | -64.3 | Reflex |
| 39 | 332 | -65.1 | Reflex | 126 | 333.5 | -64.3 | Reflex |
| 42 | 332.1 | -65.1 | Reflex | 129 | 333.6 | -64.3 | Reflex |
| 45 | 332.1 | -65 | Reflex | 132 | 333.8 | -64.3 | Reflex |
| 48 | 332.2 | -65 | Reflex | 135 | 333.7 | -64.3 | Reflex |
| 51 | 332.3 | -64.9 | Reflex | 138 | 333.3 | -64.3 | Reflex |
| 54 | 332.3 | -64.9 | Reflex | 147 | 334.6 | -64.2 | Reflex |
| 57 | 332.4 | -64.9 | Reflex | 150 | 334 | -64.2 | Reflex |
| 60 | 332.4 | -64.9 | Reflex | 153 | 334 | -64.2 | Reflex |
| 63 | 332.4 | -64.8 | Reflex | 156 | 333.9 | -64.3 | Reflex |
| 66 | 332.4 | -64.8 | Reflex | 159 | 333.8 | -64.3 | Reflex |
| 69 | 332.5 | -64.8 | Reflex | 162 | 333.9 | -64.3 | Reflex |
| 72 | 332.6 | -64.7 | Reflex | 165 | 333.8 | -64.3 | Reflex |
| 75 | 332.8 | -64.7 | Reflex | 168 | 333.8 | -64.3 | Reflex |
| 78 | 332.7 | -64.7 | Reflex | 171 | 333.5 | -64.3 | Reflex |
| 81 | 332.9 | -64.6 | Reflex | 174 | 333.7 | -64.2 | Reflex |
| 84 | 333 | -64.6 | Reflex | 177 | 333.8 | -64.2 | Reflex |
| 87 | 333 | -64.5 | Reflex | 180 | 333.8 | -64.2 | Reflex |
| 90 | 333.1 | -64.5 | Reflex | 183 | 333.9 | -64.2 | Reflex |
| 93 | 333.1 | -64.5 | Reflex | 186 | 334 | -64.2 | Reflex |
| 96 | 333.2 | -64.5 | Reflex | 189 | 333.9 | -64.2 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 192 | 334.1 | -64.2 | Reflex |
| 195 | 334.2 | -64.2 | Reflex |
| 198 | 334.3 | -64.1 | Reflex |
| 201 | 334.3 | -64.1 | Reflex |
| 204 | 334.5 | -64.1 | Reflex |
| 207 | 334.4 | -64.1 | Reflex |
| 210 | 334.5 | -64 | Reflex |
| 213 | 334.5 | -64 | Reflex |
| 216 | 334.5 | -64 | Reflex |
| 219 | 334.5 | -64 | Reflex |
| 222 | 334.5 | -63.9 | Reflex |
| 225 | 334.6 | -63.9 | Reflex |
| 228 | 334.6 | -63.9 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 103 | 104 | 638001 | A18-04779 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 638002 | A18-04779 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 638004 | A18-04779 | 2.69 | 26 | - | - | - | - | - | 0.03 |
| 106 | 107 | 638005 | A18-04779 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108.04 | 638006 | A18-04779 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 108.04 | 109 | 638007 | A18-04779 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 638008 | A18-04779 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 638009 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 638010 | A18-04779 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 112 | 112.91 | 638011 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 112.91 | 114 | 638012 | A18-04779 | 2.77 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 638013 | A18-04779 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 115 | 116 | 638014 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 638016 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 638017 | A18-04779 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 118 | 119 | 638018 | A18-04779 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120 | 638019 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 638020 | A18-04779 | 2.8 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 638021 | A18-04779 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123 | 638022 | A18-04779 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124 | 638023 | A18-04779 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 124 | 125 | 638024 | A18-04779 | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 638025 | A18-04779 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 126 | 126.93 | 638026 | A18-04779 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 126.93 | 128 | 638027 | A18-04779 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129 | 638029 | A18-04779 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130 | 638030 | A18-04779 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131 | 638031 | A18-04779 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 131 | 132 | 638032 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133 | 638033 | A18-04779 | 2.06 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 133 | 134 | 638034 | A18-04779 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 134 | 135 | 638035 | A18-04779 | 2 | 32 | - | - | - | - | - | 0.03 |
| 135 | 136 | 638036 | A18-04779 | 2.78 | 14 | - | - | - | - | - | 0.01 |
| 136 | 137 | 638037 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138 | 638038 | A18-04779 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139 | 638039 | A18-04779 | 1.44 | 2.5 | - | - | - | - | - | < DL |
| 139 | 140 | 638041 | A18-04779 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 638042 | A18-04779 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142 | 638043 | A18-04779 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143.31 | 638044 | A18-04779 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 143.31 | 144.19 | 638045 | A18-04779 | 1.65 | 2.5 | - | - | - | - | - | < DL |
| 144.19 | 146 | 638046 | A18-04779 | 3.6 | 7 | - | - | - | - | - | 0.01 |
| 146 | 147 | 638047 | A18-04779 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148 | 638048 | A18-04779 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149.04 | 638049 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 149.04 | 150 | 638050 | A18-04779 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151 | 638051 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152 | 638052 | A18-04779 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 152 | 153 | 638054 | A18-04779 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154 | 638055 | A18-04779 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 154 | 155 | 638056 | A18-04779 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 155 | 156 | 638057 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 638058 | A18-04779 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 638059 | A18-04779 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 158 | 159 | 638060 | A18-04779 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160 | 638061 | A18-04779 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161 | 638062 | A18-04779 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162.41 | 638063 | A18-04779 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 162.41 | 163.51 | 638064 | A18-04779 | 2.43 | 177 | - | - | - | - | - | 0.18 |
| 163.51 | 164.85 | 638066 | A18-04779 | 2.81 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 164.85 | 165.55 | 638067 | A18-04779 | 1.5 | 2.5 | - | - | - | - | - | < DL |
| 165.55 | 167 | 638068 | A18-04779 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 167 | 168 | 638069 | A18-04779 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169 | 638070 | A18-04779 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170 | 638071 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 638072 | A18-04779 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 638073 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173 | 638074 | A18-04779 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174 | 638075 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175 | 638076 | A18-04779 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176 | 638077 | A18-04779 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178 | 638079 | A18-04779 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179 | 638080 | A18-04779 | 2.49 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 638081 | A18-04779 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181 | 638082 | A18-04779 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182 | 638083 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 182 | 183 | 638084 | A18-04779 | 1.8 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184 | 638085 | A18-04779 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185 | 638086 | A18-04779 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 185 | 186 | 638087 | A18-04779 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187 | 638088 | A18-04779 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 187 | 188 | 638089 | A18-04779 | 2.09 | 8 | - | - | - | - | - | 0.01 |
| 188 | 189 | 638091 | A18-04779 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190 | 638092 | A18-04779 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 190 | 191 | 638093 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 191 | 192 | 638094 | A18-04779 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193 | 638095 | A18-04779 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194 | 638096 | A18-04779 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 638097 | A18-04779 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196 | 638098 | A18-04779 | 1.93 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 196 | 197.12 | 638099 | A18-04779 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 197.12 | 198 | 638100 | A18-04779 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199 | 638101 | A18-04779 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 199 | 200.35 | 638102 | A18-04779 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 200.35 | 201 | 638104 | A18-04779 | 1.48 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202 | 638105 | A18-04779 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 202 | 203 | 638106 | A18-04779 | 1.76 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204 | 638107 | A18-04779 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205 | 638108 | A18-04779 | 2.92 | 2.5 | - | - | - | - | - | < DL |
| 205 | 206 | 638109 | A18-04779 | 1.37 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207 | 638110 | A18-04779 | 2.2 | 36 | - | - | - | - | - | 0.04 |
| 207 | 208 | 638111 | A18-04779 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 208 | 209 | 638112 | A18-04779 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210 | 638113 | A18-04779 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 638114 | A18-04779 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 638116 | A18-04779 | 1.89 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213 | 638117 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214 | 638118 | A18-04779 | 1.73 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215 | 638119 | A18-04779 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 638120 | A18-04779 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217 | 638121 | A18-04779 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218 | 638122 | A18-04779 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219 | 638123 | A18-04779 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220 | 638124 | A18-04779 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221 | 638125 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222 | 638126 | A18-04779 | 2.22 | 18 | - | - | - | - | - | 0.02 |
| 222 | 223 | 638127 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224 | 638129 | A18-04779 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225 | 638130 | A18-04779 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226 | 638131 | A18-04779 | 2.22 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 226 | 227 | 638132 | A18-04779 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 638133 | A18-04779 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 1.8 | 3 | 638892 | A18-04779 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 3 | 4 | 638893 | A18-04779 | 2.03 | 35 | - | - | - | - | - | 0.04 |
| 4 | 5 | 638894 | A18-04779 | 1.74 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 638895 | A18-04779 | 1.81 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 638896 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 7 | 8 | 638897 | A18-04779 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9 | 638898 | A18-04779 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10 | 638899 | A18-04779 | 1.87 | 2.5 | - | - | - | - | - | < DL |
| 10 | 11 | 638900 | A18-04779 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 11 | 12 | 638901 | A18-04779 | 2.09 | 13 | - | - | - | - | - | 0.01 |
| 12 | 13 | 638902 | A18-04779 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 13 | 14 | 638904 | A18-04779 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15 | 638905 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16 | 638906 | A18-04779 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17 | 638907 | A18-04779 | 1.85 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18 | 638908 | A18-04779 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 638909 | A18-04779 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20 | 638910 | A18-04779 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 20 | 21 | 638911 | A18-04779 | 1.81 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22 | 638912 | A18-04779 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 22 | 23 | 638913 | A18-04779 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 23 | 24 | 638914 | A18-04779 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.48 | 638916 | A18-04779 | 3 | 2.5 | - | - | - | - | - | < DL |
| 25.48 | 26.17 | 638917 | A18-04779 | 1.27 | 2.5 | - | - | - | - | - | < DL |
| 26.17 | 27 | 638918 | A18-04779 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28 | 638919 | A18-04779 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 28 | 29 | 638920 | A18-04779 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30 | 638921 | A18-04779 | 2.04 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 30 | 31 | 638922 | A18-04779 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 31 | 32.24 | 638923 | A18-04779 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 32.24 | 33 | 638924 | A18-04779 | 1.53 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34 | 638925 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 34 | 35 | 638926 | A18-04779 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 638927 | A18-04779 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37 | 638929 | A18-04779 | 2.05 | 2.5 | - | - | - | - | - | < DL |
| 37 | 38 | 638930 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 38 | 39 | 638931 | A18-04779 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40 | 638932 | A18-04779 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 40 | 41 | 638933 | A18-04779 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42 | 638934 | A18-04779 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43 | 638935 | A18-04779 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 43 | 44 | 638936 | A18-04779 | 2 | 2.5 | - | - | - | - | - | < DL |
| 44 | 45 | 638937 | A18-04779 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 45 | 45.79 | 638938 | A18-04779 | 1.82 | 2.5 | - | - | - | - | - | < DL |
| 45.79 | 47 | 638939 | A18-04779 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48 | 638941 | A18-04779 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49 | 638942 | A18-04779 | 1.92 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50 | 638943 | A18-04779 | 2.34 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51.19 | 638944 | A18-04779 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 51.19 | 52 | 638945 | A18-04779 | 1.78 | 2.5 | - | - | - | - | - | < DL |
| 52 | 53 | 638946 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 638947 | A18-04779 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55 | 638948 | A18-04779 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 638949 | A18-04779 | 1.79 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57 | 638950 | A18-04779 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 638951 | A18-04779 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 638952 | A18-04779 | 2.04 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60 | 638954 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 60 | 61 | 638955 | A18-04779 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 61 | 62 | 638956 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63 | 638957 | A18-04779 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64 | 638958 | A18-04779 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 64 | 65 | 638959 | A18-04779 | 1.92 | 119 | - | - | - | - | - | 0.12 |
| 65 | 66 | 638960 | A18-04779 | 2 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67 | 638961 | A18-04779 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 67 | 68 | 638962 | A18-04779 | 1.88 | 2.5 | - | - | - | - | - | < DL |
| 68 | 69 | 638963 | A18-04779 | 2.36 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70 | 638964 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 70 | 71 | 638966 | A18-04779 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 71 | 72 | 638967 | A18-04779 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 638968 | A18-04779 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 638969 | A18-04779 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75 | 638970 | A18-04779 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76 | 638971 | A18-04779 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77 | 638972 | A18-04779 | 1.97 | 2.5 | - | - | - | - | - | < DL |
| 77 | 78 | 638973 | A18-04779 | 1.74 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.03 | 638974 | A18-04779 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 79.03 | 80 | 638975 | A18-04779 | 1.9 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 638976 | A18-04779 | 2.25 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 638977 | A18-04779 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 638979 | A18-04779 | 2.21 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84 | 638980 | A18-04779 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 638981 | A18-04779 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 638982 | A18-04779 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 638983 | A18-04779 | 1.7 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 638984 | A18-04779 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 638985 | A18-04779 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 638986 | A18-04779 | 1.98 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 90 | 91 | 638987 | A18-04779 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 638988 | A18-04779 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 638989 | A18-04779 | 2.25 | 39 | - | - | - | - | - | 0.04 |
| 93 | 94 | 638991 | A18-04779 | 2.36 | 14 | - | - | - | - | - | 0.01 |
| 94 | 95 | 638992 | A18-04779 | 2.33 | 43 | - | - | - | - | - | 0.04 |
| 95 | 96 | 638993 | A18-04779 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97 | 638994 | A18-04779 | 2.3 | 117 | - | - | - | - | - | 0.12 |
| 97 | 98 | 638995 | A18-04779 | 2.39 | 5 | - | - | - | - | - | 0.01 |
| 98 | 99 | 638996 | A18-04779 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100 | 638997 | A18-04779 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 638998 | A18-04779 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 638999 | A18-04779 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 639000 | A18-04779 | 2.34 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

| | | |
|---|-----|----------------------------------------------------|
| 0 | 1.8 | OV Overburden superficial weathering alteration |
|---|-----|----------------------------------------------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | |
|-----|-------|-------------------------------------------|
| 1.8 | 51.19 | IVOL Intermediate volcanic lapili tuff |
|-----|-------|-------------------------------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 1.8 | 17.32 | CB | SEL | 2 | | | | | | 638892 | 1.8 | 3 | <0.005 |
| 1.8 | 17.32 | SR | SPV | 4 | | | | | | 638893 | 3 | 4 | 0.04 |
| 17.32 | 32.24 | CB | SEL | 1 | | | | | | 638894 | 4 | 5 | <0.005 |
| 17.32 | 32.24 | SR | PV | 2 | | | | | | 638895 | 5 | 6 | <0.005 |
| 32.24 | 51.19 | CB | SEL | 1 | | | | | | 638896 | 6 | 7 | <0.005 |
| 32.24 | 51.19 | SR | PV | 4 | | | | | | 638897 | 7 | 8 | <0.005 |
| | | | | | | | | | | 638898 | 8 | 9 | <0.005 |
| | | | | | | | | | | 638899 | 9 | 10 | <0.005 |
| | | | | | | | | | | 638900 | 10 | 11 | <0.005 |
| | | | | | | | | | | 638901 | 11 | 12 | 0.01 |
| | | | | | | | | | | 638902 | 12 | 13 | <0.005 |
| | | | | | | | | | | 638904 | 13 | 14 | <0.005 |
| | | | | | | | | | | 638905 | 14 | 15 | <0.005 |
| | | | | | | | | | | 638906 | 15 | 16 | <0.005 |
| | | | | | | | | | | 638907 | 16 | 17 | <0.005 |
| | | | | | | | | | | 638908 | 17 | 18 | <0.005 |
| | | | | | | | | | | 638909 | 18 | 19 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 638910 | 19 | 20 <0.005 |
| 638911 | 20 | 21 <0.005 |
| 638912 | 21 | 22 <0.005 |
| 638913 | 22 | 23 <0.005 |
| 638914 | 23 | 24 <0.005 |
| 638916 | 24 | 25.48 <0.005 |
| 638917 | 25.48 | 26.17 <0.005 |
| 638918 | 26.17 | 27 <0.005 |
| 638919 | 27 | 28 <0.005 |
| 638920 | 28 | 29 <0.005 |
| 638921 | 29 | 30 <0.005 |
| 638922 | 30 | 31 <0.005 |
| 638923 | 31 | 32.24 <0.005 |
| 638924 | 32.24 | 33 <0.005 |
| 638925 | 33 | 34 <0.005 |
| 638926 | 34 | 35 <0.005 |
| 638927 | 35 | 36 <0.005 |
| 638929 | 36 | 37 <0.005 |
| 638930 | 37 | 38 <0.005 |
| 638931 | 38 | 39 <0.005 |
| 638932 | 39 | 40 <0.005 |
| 638933 | 40 | 41 <0.005 |
| 638934 | 41 | 42 <0.005 |
| 638935 | 42 | 43 <0.005 |
| 638936 | 43 | 44 <0.005 |
| 638937 | 44 | 45 <0.005 |
| 638938 | 45 | 45.79 <0.005 |
| 638939 | 45.79 | 47 <0.005 |
| 638941 | 47 | 48 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------------------|
| | | 638942 48 49 <0.005 |
| | | 638943 49 50 <0.005 |
| | | 638944 50 51.19 <0.005 |

51.19 86.41 FVOL Felsic volcanic
lapili tuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 51.19 | 53 | CB | SEL | 3 | | | | | | 638945 | 51.19 | 52 | <0.005 |
| 51.19 | 53 | SR | PV | 4 | | | | | | 638946 | 52 | 53 | <0.005 |
| 53 | 79.03 | CB | SEL | 3 | | | | | | 638947 | 53 | 54 | <0.005 |
| 53 | 79.03 | SR | PV | 4 | | | | | | 638948 | 54 | 55 | <0.005 |
| 79.03 | 86.41 | CB | SEL | 3 | | | | | | 638949 | 55 | 56 | <0.005 |
| 79.03 | 86.41 | SR | PV | 5 | | | | | | 638950 | 56 | 57 | <0.005 |
| | | | | | | | | | | 638951 | 57 | 58 | <0.005 |
| | | | | | | | | | | 638952 | 58 | 59 | <0.005 |
| | | | | | | | | | | 638954 | 59 | 60 | <0.005 |
| | | | | | | | | | | 638955 | 60 | 61 | <0.005 |
| | | | | | | | | | | 638956 | 61 | 62 | <0.005 |
| | | | | | | | | | | 638957 | 62 | 63 | <0.005 |
| | | | | | | | | | | 638958 | 63 | 64 | <0.005 |
| | | | | | | | | | | 638959 | 64 | 65 | 0.12 |
| | | | | | | | | | | 638960 | 65 | 66 | <0.005 |
| | | | | | | | | | | 638961 | 66 | 67 | <0.005 |
| | | | | | | | | | | 638962 | 67 | 68 | <0.005 |
| | | | | | | | | | | 638963 | 68 | 69 | <0.005 |
| | | | | | | | | | | 638964 | 69 | 70 | <0.005 |
| | | | | | | | | | | 638966 | 70 | 71 | <0.005 |
| | | | | | | | | | | 638967 | 71 | 72 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|--------|-------|--------------|
| | | | 638968 | 72 | 73 <0.005 |
| | | | 638969 | 73 | 74 <0.005 |
| | | | 638970 | 74 | 75 <0.005 |
| | | | 638971 | 75 | 76 <0.005 |
| | | | 638972 | 76 | 77 <0.005 |
| | | | 638973 | 77 | 78 <0.005 |
| | | | 638974 | 78 | 79.03 <0.005 |
| | | | 638975 | 79.03 | 80 <0.005 |
| | | | 638976 | 80 | 81 <0.005 |
| | | | 638977 | 81 | 82 <0.005 |
| | | | 638979 | 82 | 83 <0.005 |
| | | | 638980 | 83 | 84 <0.005 |
| | | | 638981 | 84 | 85 <0.005 |
| | | | 638982 | 85 | 86 <0.005 |

86.41 87.28 IVOL Intermediate volcanic
lapili tuff
; carbonate alteration makes sericite look pale brown

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 86.41 | 87.28 | SR | SEL | 3 | | | | | | 638983 | 86 | 87 | <0.005 |

87.28 89.15 IVOL Intermediate volcanic
crystal tuff
; carbonate alteration makes sericite look pale brown

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 87.28 | 89.15 | SR | PV | 5 | | | | | | 638984 | 87 | 88 | <0.005 |
| | | | | | | | | | | 638985 | 88 | 89 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--------------------------------------------------------------------------------------------|
| 89.15 | 89.43 | IVOL | Intermediate volcanic lapili tuff ; carbonate alteration makes sericite look pale brown |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 89.15 | 89.43 | SR | SEL | 3 | | | | | | | | | |

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 89.43 | 126.93 | FVOL | Felsic volcanic lapili tuff ; lapili size decreases and becomes more flattened. Interval almost looks laminated in some areas. Diffuse contacts between alterations |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 89.43 | 108.04 | CB | SEL | 1 | | | | | | 638001 | 103 | 104 | <0.005 |
| 89.43 | 108.04 | SI | PV | 1 | | | | | | 638002 | 104 | 105 | <0.005 |
| 89.43 | 108.04 | SR | PV | 5 | | | | | | 638004 | 105 | 106 | 0.03 |
| 108.04 | 112.91 | SI | PV | 1 | | | | | | 638005 | 106 | 107 | <0.005 |
| 108.04 | 112.91 | SR | PV | 4 | | | | | | 638006 | 107 | 108.04 | <0.005 |
| 112.91 | 120.8 | CB | SEL | 1 | | | | | | 638007 | 108.04 | 109 | <0.005 |
| 112.91 | 120.8 | SI | PV | 3 | | | | | | 638008 | 109 | 110 | <0.005 |
| 112.91 | 120.8 | SR | PV | 5 | | | | | | 638009 | 110 | 111 | <0.005 |
| 120.8 | 126.93 | CB | SEL | 3 | | | | | | 638010 | 111 | 112 | <0.005 |
| 120.8 | 126.93 | SI | PV | 2 | | | | | | 638011 | 112 | 112.91 | <0.005 |
| 120.8 | 126.93 | SR | PV | 4 | | | | | | 638012 | 112.91 | 114 | <0.005 |
| | | | | | | | | | | 638013 | 114 | 115 | <0.005 |
| | | | | | | | | | | 638014 | 115 | 116 | <0.005 |
| | | | | | | | | | | 638016 | 116 | 117 | <0.005 |
| | | | | | | | | | | 638017 | 117 | 118 | <0.005 |
| | | | | | | | | | | 638018 | 118 | 119 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|--------------------------------------------------------------------------------|--------|--------------------------|--------|--------|--------|-------|---------------|--------|-----|---------------|
| | | | | | 638019 | 119 | 120 | <0.005 | | | | | |
| | | | | | 638020 | 120 | 121 | <0.005 | | | | | |
| | | | | | 638021 | 121 | 122 | <0.005 | | | | | |
| | | | | | 638022 | 122 | 123 | <0.005 | | | | | |
| | | | | | 638023 | 123 | 124 | <0.005 | | | | | |
| | | | | | 638024 | 124 | 125 | <0.005 | | | | | |
| | | | | | 638025 | 125 | 126 | <0.005 | | | | | |
| | | | | | 638026 | 126 | 126.93 | <0.005 | | | | | |
| | | | | | 638986 | 89 | 90 | <0.005 | | | | | |
| | | | | | 638987 | 90 | 91 | <0.005 | | | | | |
| | | | | | 638988 | 91 | 92 | <0.005 | | | | | |
| | | | | | 638989 | 92 | 93 | 0.04 | | | | | |
| | | | | | 638991 | 93 | 94 | 0.01 | | | | | |
| | | | | | 638992 | 94 | 95 | 0.04 | | | | | |
| | | | | | 638993 | 95 | 96 | <0.005 | | | | | |
| | | | | | 638994 | 96 | 97 | 0.12 | | | | | |
| | | | | | 638995 | 97 | 98 | 0.01 | | | | | |
| | | | | | 638996 | 98 | 99 | <0.005 | | | | | |
| | | | | | 638997 | 99 | 100 | <0.005 | | | | | |
| | | | | | 638998 | 100 | 101 | <0.005 | | | | | |
| | | | | | 638999 | 101 | 102 | <0.005 | | | | | |
| | | | | | 639000 | 102 | 103 | <0.005 | | | | | |
| 126.93 | 135.85 | IVOL | Intermediate volcanic tuff ; 1% pyrite mineralization along fracture planes | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 126.93 | 133 | SI | PV | 2 | 126.93 | 135.85 | PY | STR | 1 | 638027 | 126.93 | 128 | <0.005 |
| 126.93 | 133 | SR | PV | 3 | | | | | | 638029 | 128 | 129 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------------------------------------------------------------------------------------------------------|-------|--------|--------------------------|--------|------|-------|--------|---------------|--------|--------|---------------|
| | 133 | 135.85 | CB | PV | 4 | 638030 | 129 | 130 | <0.005 | | | | |
| | 133 | 135.85 | SR | PV | 3 | 638031 | 130 | 131 | <0.005 | | | | |
| | | | | | | 638032 | 131 | 132 | <0.005 | | | | |
| | | | | | | 638033 | 132 | 133 | <0.005 | | | | |
| | | | | | | 638034 | 133 | 134 | <0.005 | | | | |
| | | | | | | 638035 | 134 | 135 | 0.03 | | | | |
| 135.85 | 139.66 | DIA Diabase carbonate alteration | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 135.85 | 139.66 | CB | PV | 4 | | | | | | 638036 | 135 | 136 | 0.01 |
| | | | | | | | | | | 638037 | 136 | 137 | <0.005 |
| | | | | | | | | | | 638038 | 137 | 138 | <0.005 |
| | | | | | | | | | | 638039 | 138 | 139 | <0.005 |
| 139.66 | 149.04 | IVOL Intermediate volcanic 139.66-143.31m chlorite carbonate breccia? ; 143.31-149.04m sheared tuff | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 139.66 | 143.31 | CB | SEL | 5 | | | | | | 638041 | 139 | 140 | <0.005 |
| 139.66 | 143.31 | CL | SEL | 3 | | | | | | 638042 | 140 | 141 | <0.005 |
| 143.31 | 149.04 | CB | PV | 4 | | | | | | 638043 | 141 | 142 | <0.005 |
| 143.31 | 149.04 | SI | PV | 2 | | | | | | 638044 | 142 | 143.31 | <0.005 |
| 143.31 | 149.04 | SR | SEL | 4 | | | | | | 638045 | 143.31 | 144.19 | <0.005 |
| | | | | | | | | | | 638046 | 144.19 | 146 | 0.01 |
| | | | | | | | | | | 638047 | 146 | 147 | <0.005 |
| | | | | | | | | | | 638048 | 147 | 148 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | Sample | From | To | Best Au (ppm) |
|----------|--------|-----------|--------|------|--------|---------------|
| | | | 638049 | 148 | 149.04 | <0.005 |

149.04 165.55 FVOL Felsic volcanic
crystal tuff

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 149.04 | 165.55 | CB | SEL | 2 | | | | | | 638050 | 149.04 | 150 | <0.005 |
| 149.04 | 165.55 | SI | PV | 3 | | | | | | 638051 | 150 | 151 | <0.005 |
| 149.04 | 165.55 | SR | SEL | 2 | | | | | | 638052 | 151 | 152 | <0.005 |
| | | | | | | | | | | 638054 | 152 | 153 | <0.005 |
| | | | | | | | | | | 638055 | 153 | 154 | <0.005 |
| | | | | | | | | | | 638056 | 154 | 155 | <0.005 |
| | | | | | | | | | | 638057 | 155 | 156 | <0.005 |
| | | | | | | | | | | 638058 | 156 | 157 | <0.005 |
| | | | | | | | | | | 638059 | 157 | 158 | <0.005 |
| | | | | | | | | | | 638060 | 158 | 159 | <0.005 |
| | | | | | | | | | | 638061 | 159 | 160 | <0.005 |
| | | | | | | | | | | 638062 | 160 | 161 | <0.005 |
| | | | | | | | | | | 638063 | 161 | 162.41 | <0.005 |
| | | | | | | | | | | 638064 | 162.41 | 163.51 | 0.18 |
| | | | | | | | | | | 638066 | 163.51 | 164.85 | <0.005 |
| | | | | | | | | | | 638067 | 164.85 | 165.55 | <0.005 |

165.55 228 FVOL Felsic volcanic
lapili tuff
; 180.70m diffused alteration contact
; 192.32m sharp alteration contact Alpha angle = 15
; 192.32-228m flattened sheares lapili tuff; 0.05% pyrite mineralization

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--------|-----|----|-----|------|--------|--------|-----|--------|--|--|
| 165.55 | 181.7 | CB | SEL | 2 | 199.52 | 228 | PY | DIS | 0.05 | 638068 | 165.55 | 167 | <0.005 | | |
| 165.55 | 181.7 | SI | PV | 2 | | | | | | 638069 | 167 | 168 | <0.005 | | |
| 165.55 | 181.7 | SR | SEL | 2 | | | | | | 638070 | 168 | 169 | <0.005 | | |
| 181.7 | 192.32 | CB | SEL | 2 | | | | | | 638071 | 169 | 170 | <0.005 | | |
| 181.7 | 192.32 | SI | PV | 3 | | | | | | 638072 | 170 | 171 | <0.005 | | |
| 181.7 | 192.32 | SR | SEL | 3 | | | | | | 638073 | 171 | 172 | <0.005 | | |
| 192.32 | 228 | CB | SEL | 4 | | | | | | 638074 | 172 | 173 | <0.005 | | |
| 192.32 | 228 | SI | PV | 3 | | | | | | 638075 | 173 | 174 | <0.005 | | |
| 192.32 | 228 | SR | SEL | 3 | | | | | | 638076 | 174 | 175 | <0.005 | | |
| | | | | | | | | | | 638077 | 175 | 176 | <0.005 | | |
| | | | | | | | | | | 638079 | 177 | 178 | <0.005 | | |
| | | | | | | | | | | 638080 | 178 | 179 | <0.005 | | |
| | | | | | | | | | | 638081 | 179 | 180 | <0.005 | | |
| | | | | | | | | | | 638082 | 180 | 181 | <0.005 | | |
| | | | | | | | | | | 638083 | 181 | 182 | <0.005 | | |
| | | | | | | | | | | 638084 | 182 | 183 | <0.005 | | |
| | | | | | | | | | | 638085 | 183 | 184 | <0.005 | | |
| | | | | | | | | | | 638086 | 184 | 185 | <0.005 | | |
| | | | | | | | | | | 638087 | 185 | 186 | <0.005 | | |
| | | | | | | | | | | 638088 | 186 | 187 | <0.005 | | |
| | | | | | | | | | | 638089 | 187 | 188 | 0.01 | | |
| | | | | | | | | | | 638091 | 188 | 189 | <0.005 | | |
| | | | | | | | | | | 638092 | 189 | 190 | <0.005 | | |
| | | | | | | | | | | 638093 | 190 | 191 | <0.005 | | |
| | | | | | | | | | | 638094 | 191 | 192 | <0.005 | | |
| | | | | | | | | | | 638095 | 192 | 193 | <0.005 | | |
| | | | | | | | | | | 638096 | 193 | 194 | <0.005 | | |
| | | | | | | | | | | 638097 | 194 | 195 | <0.005 | | |
| | | | | | | | | | | 638098 | 195 | 196 | <0.005 | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|---------------|
| 638099 | 196 | 197.12 <0.005 |
| 638100 | 197.12 | 198 <0.005 |
| 638101 | 198 | 199 <0.005 |
| 638102 | 199 | 200.35 <0.005 |
| 638104 | 200.35 | 201 <0.005 |
| 638105 | 201 | 202 <0.005 |
| 638106 | 202 | 203 <0.005 |
| 638107 | 203 | 204 <0.005 |
| 638108 | 204 | 205 <0.005 |
| 638109 | 205 | 206 <0.005 |
| 638110 | 206 | 207 0.04 |
| 638111 | 207 | 208 <0.005 |
| 638112 | 208 | 209 <0.005 |
| 638113 | 209 | 210 <0.005 |
| 638114 | 210 | 211 <0.005 |
| 638116 | 211 | 212 <0.005 |
| 638117 | 212 | 213 <0.005 |
| 638118 | 213 | 214 <0.005 |
| 638119 | 214 | 215 <0.005 |
| 638120 | 215 | 216 <0.005 |
| 638121 | 216 | 217 <0.005 |
| 638122 | 217 | 218 <0.005 |
| 638123 | 218 | 219 <0.005 |
| 638124 | 219 | 220 <0.005 |
| 638125 | 220 | 221 <0.005 |
| 638126 | 221 | 222 0.02 |
| 638127 | 222 | 223 <0.005 |
| 638129 | 223 | 224 <0.005 |
| 638130 | 224 | 225 <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|-------------|-----------|-----------|--------|-----|------------|
| | | | 638131 | 225 | 226 <0.005 |
| | | | 638132 | 226 | 227 <0.005 |
| | | | 638133 | 227 | 228 <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 330 | Length : | 6 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 7-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 8-Nov-2017 | Left in hole : | no | Logged by : | R Zellagui |
| Logged : | 15-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 425916.58 | Hole : | SURFACE |
| North : | 5267591.76 | Zone : | 17 |
| Elevation: | 400.14 | NAD : | NAD83 |

Target : TMF

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 330 | -65 | TN14 | 105 | 329.1 | -66 | Reflex |
| 1 | 331.2 | -64.9 | Reflex | 114 | 331.6 | -66 | Reflex |
| 3 | 330.9 | -65 | Reflex | 120 | 328.7 | -66 | Reflex |
| 6 | 330.5 | -64.9 | Reflex | 123 | 331.1 | -66 | Reflex |
| 9 | 330.2 | -65 | Reflex | 126 | 329.3 | -66 | Reflex |
| 12 | 330.2 | -64.9 | Reflex | 129 | 330.1 | -66 | Reflex |
| 18 | 330 | -65.1 | Reflex | 132 | 330.5 | -66 | Reflex |
| 21 | 330.2 | -65.2 | Reflex | 135 | 330.6 | -66 | Reflex |
| 24 | 330.4 | -65.2 | Reflex | 138 | 331 | -66 | Reflex |
| 27 | 330.2 | -65.5 | Reflex | 141 | 330.9 | -66.1 | Reflex |
| 30 | 330.5 | -65.5 | Reflex | 144 | 330.9 | -66.1 | Reflex |
| 33 | 330.6 | -65.6 | Reflex | 150 | 331.3 | -66.2 | Reflex |
| 36 | 330.5 | -65.6 | Reflex | 159 | 331.1 | -66.2 | Reflex |
| 39 | 330.6 | -65.6 | Reflex | 162 | 332.2 | -66.2 | Reflex |
| 42 | 330.9 | -65.7 | Reflex | 165 | 332 | -66.2 | Reflex |
| 45 | 330.8 | -65.7 | Reflex | 168 | 331.4 | -66.2 | Reflex |
| 48 | 330.8 | -65.7 | Reflex | 171 | 330.9 | -66.3 | Reflex |
| 54 | 330.9 | -65.8 | Reflex | 174 | 330.7 | -66.2 | Reflex |
| 57 | 331 | -65.8 | Reflex | 177 | 329.8 | -66.1 | Reflex |
| 60 | 330.9 | -65.8 | Reflex | 198 | 329.5 | -66.3 | Reflex |
| 63 | 330.9 | -65.8 | Reflex | 204 | 328.5 | -66.3 | Reflex |
| 66 | 330.7 | -65.9 | Reflex | 207 | 328.8 | -66.2 | Reflex |
| 69 | 330.7 | -65.9 | Reflex | 210 | 331.3 | -66.2 | Reflex |
| 72 | 330.5 | -65.9 | Reflex | 213 | 332.7 | -66.2 | Reflex |
| 75 | 330.4 | -65.9 | Reflex | 216 | 332 | -66.3 | Reflex |
| 78 | 330.2 | -65.9 | Reflex | 219 | 332.4 | -66.3 | Reflex |
| 81 | 330 | -65.9 | Reflex | 222 | 332.4 | -66.2 | Reflex |
| 84 | 329.5 | -66 | Reflex | 225 | 332.1 | -66.4 | Reflex |
| 87 | 329.1 | -66 | Reflex | 228 | 332.1 | -66.4 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 231 | 332.4 | -66.4 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 6.5 | 8 | 459551 | A18-04760 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9 | 459552 | A18-04760 | 2.31 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10.5 | 459554 | A18-04760 | 3.47 | 2.5 | - | - | - | - | - | < DL |
| 10.5 | 12 | 459555 | A18-04760 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 459556 | A18-04760 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 459557 | A18-04760 | 3.07 | 5 | - | - | - | - | - | 0.01 |
| 15 | 16.5 | 459558 | A18-04760 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 18 | 459559 | A18-04760 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 459560 | A18-04760 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 459561 | A18-04760 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 459562 | A18-04760 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 459563 | A18-04760 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 459564 | A18-04760 | 3.01 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 459566 | A18-04760 | 3.08 | 11 | - | - | - | - | - | 0.01 |
| 27 | 28.5 | 459567 | A18-04760 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 459568 | A18-04760 | 3.28 | 5 | - | - | - | - | - | 0.01 |
| 30 | 31.5 | 459569 | A18-04760 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 459570 | A18-04760 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34.5 | 459571 | A18-04760 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 34.5 | 36 | 459572 | A18-04760 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37.5 | 459573 | A18-04760 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 37.5 | 39 | 459574 | A18-04760 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40.5 | 459575 | A18-04760 | 3.05 | 2.5 | - | - | - | - | - | < DL |
| 40.5 | 42 | 459576 | A18-04760 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.5 | 459577 | A18-04760 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 43.5 | 45 | 459579 | A18-04760 | 3.37 | 5 | - | - | - | - | - | 0.01 |
| 45 | 46.5 | 459580 | A18-04760 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 46.5 | 48 | 459581 | A18-04760 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49.5 | 459582 | A18-04760 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 459583 | A18-04760 | 3.22 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 51 | 52.5 | 459584 | | - | - | - | - | - | - | - | < DL |
| 52.5 | 54 | 459585 | A18-04760 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 459586 | A18-04760 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 55.5 | 57 | 459587 | A18-04760 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58.5 | 459588 | A18-04760 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 58.5 | 60 | 459589 | | - | - | - | - | - | - | - | < DL |
| 60 | 61.5 | 459591 | A18-04760 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 459592 | A18-04760 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 459593 | A18-04760 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 459594 | A18-04760 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 459595 | A18-04760 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 459596 | A18-04760 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 459597 | A18-04760 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 459598 | A18-04760 | 3.11 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73.5 | 459599 | A18-04760 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 73.5 | 75 | 459600 | A18-04760 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 459601 | A18-04760 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 76.5 | 78 | 459602 | A18-04760 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 459604 | A18-04760 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 459605 | A18-04760 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82.5 | 459606 | A18-04760 | 2.96 | 2.5 | - | - | - | - | - | < DL |
| 82.5 | 84 | 459607 | A18-04760 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 459608 | A18-04760 | 2.93 | 2.5 | - | - | - | - | - | < DL |
| 85.5 | 87 | 459609 | A18-04760 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 459610 | A18-04760 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 88.5 | 90 | 459611 | A18-04760 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 459612 | A18-04760 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 91.5 | 93 | 459613 | A18-04760 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94.5 | 459614 | A18-04760 | 2.8 | 5 | - | - | - | - | - | 0.01 |
| 94.5 | 96 | 459616 | A18-04760 | 2.9 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 96 | 97.5 | 459617 | A18-04760 | 3.45 | 6 | - | - | - | - | - | 0.01 |
| 97.5 | 99 | 459618 | A18-04760 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.5 | 459619 | A18-04760 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 100.5 | 102 | 459620 | A18-04760 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 459621 | A18-04760 | 3.51 | 6 | - | - | - | - | - | 0.01 |
| 103.5 | 105 | 459622 | A18-04760 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106.5 | 459623 | A18-04760 | 3.39 | 5 | - | - | - | - | - | 0.01 |
| 106.5 | 108 | 459624 | A18-04760 | 3.13 | 6 | - | - | - | - | - | 0.01 |
| 108 | 109.5 | 459625 | A18-04760 | 3.3 | 5 | - | - | - | - | - | 0.01 |
| 109.5 | 111 | 459626 | A18-04760 | 3.6 | 23 | - | - | - | - | - | 0.02 |
| 111 | 112.5 | 459627 | A18-04760 | 3.68 | 32 | - | - | - | - | - | 0.03 |
| 112.5 | 114 | 459629 | A18-04760 | 3.65 | 8 | - | - | - | - | - | 0.01 |
| 114 | 115.5 | 459630 | A18-04760 | 3.46 | 8 | - | - | - | - | - | 0.01 |
| 115.5 | 117 | 459631 | A18-04760 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118.5 | 459632 | A18-04760 | 3.12 | 6 | - | - | - | - | - | 0.01 |
| 118.5 | 120 | 459633 | A18-04760 | 2.69 | 7 | - | - | - | - | - | 0.01 |
| 120 | 121.5 | 459634 | A18-04760 | 3.55 | 9 | - | - | - | - | - | 0.01 |
| 121.5 | 123 | 459635 | A18-04760 | 2.86 | 6 | - | - | - | - | - | 0.01 |
| 123 | 124.5 | 459636 | A18-04760 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 124.5 | 126 | 459637 | A18-04760 | 2.37 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 459638 | A18-04760 | 2.6 | 2.5 | - | - | - | - | - | < DL |
| 127.5 | 129 | 459639 | A18-04760 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130.5 | 459641 | A18-04760 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 130.5 | 132 | 459642 | A18-04760 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133.5 | 459643 | A18-04760 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 133.5 | 135 | 459644 | A18-04760 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136.5 | 459645 | A18-04760 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 136.5 | 138 | 459646 | A18-04760 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.5 | 459647 | A18-04760 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 139.5 | 141 | 459648 | A18-04760 | 3.29 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 141 | 142.5 | 459649 | A18-04760 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 142.5 | 144 | 459650 | A18-04760 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 459651 | A18-04760 | 3.15 | 5 | - | - | - | - | - | 0.01 |
| 145.5 | 147 | 459652 | A18-04760 | 3.58 | 5 | - | - | - | - | - | 0.01 |
| 147 | 148.5 | 459654 | A18-04760 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 148.5 | 150 | 459655 | A18-04760 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151.5 | 459656 | A18-04760 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 151.5 | 153 | 459657 | A18-04760 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154.5 | 459658 | A18-04760 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 459659 | A18-04760 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157.5 | 459660 | A18-04760 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 157.5 | 159 | 459661 | A18-04760 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 459662 | A18-04760 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 160.5 | 162 | 459663 | A18-04760 | 2.92 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163.5 | 459664 | A18-04760 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 163.5 | 165 | 459666 | A18-04760 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 459667 | A18-04760 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 166.5 | 168 | 459668 | A18-04760 | 2.59 | 5 | - | - | - | - | - | 0.01 |
| 168 | 169.5 | 459669 | A18-04760 | 3.27 | 6 | - | - | - | - | - | 0.01 |
| 169.5 | 171 | 459670 | A18-04760 | 3.05 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172.5 | 459671 | A18-04760 | 3.28 | 5 | - | - | - | - | - | 0.01 |
| 172.5 | 174 | 459672 | A18-04760 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175.5 | 459673 | A18-04760 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 175.5 | 177 | 459674 | A18-04760 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178.5 | 459675 | A18-04760 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 178.5 | 180 | 459676 | A18-04760 | 3.33 | 6 | - | - | - | - | - | 0.01 |
| 180 | 181.5 | 459677 | A18-04760 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 181.5 | 183 | 459679 | A18-04760 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 459680 | A18-04760 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 186 | 459681 | A18-04760 | 3.37 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 186 | 187.5 | 459682 | A18-04760 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 459683 | A18-04760 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 459684 | A18-04760 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 192 | 459685 | A18-04760 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193.3 | 459686 | A18-04760 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 193.3 | 194 | 459687 | A18-04760 | 1.43 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195 | 459688 | A18-04760 | 1.84 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.5 | 459689 | A18-04760 | 2.78 | 7 | - | - | - | - | - | 0.01 |
| 196.5 | 198 | 459691 | A18-04760 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 459692 | A18-04760 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 459693 | A18-04760 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202.5 | 459694 | A18-04760 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 459695 | A18-04760 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 459696 | A18-04760 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 459697 | A18-04760 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208.5 | 459698 | A18-04760 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 459699 | A18-04760 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211.5 | 459700 | A18-04760 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 211.5 | 213 | 459701 | A18-04760 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 213 | 214.5 | 459702 | A18-04760 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 214.5 | 216 | 459704 | A18-04760 | 3.05 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217.5 | 459705 | A18-04760 | 2.98 | 2.5 | - | - | - | - | - | < DL |
| 217.5 | 219 | 459706 | A18-04760 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220.5 | 459707 | A18-04760 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 220.5 | 222 | 459708 | A18-04760 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223.5 | 459709 | A18-04760 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 459710 | A18-04760 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226.5 | 459711 | A18-04760 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 226.5 | 228 | 459712 | A18-04760 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229.5 | 459713 | A18-04760 | 3.29 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 229.5 | 231 | 459714 | A18-04760 | 3.88 | 5 | - | - | - | - | - | 0.01 |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 6 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|------|-----|----------|
| 6 | 70.4 | Ton | Tonalite |
|---|------|-----|----------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 6 | 50.15 | AB | SPV | 2 | 6 | 70.4 | PY | DIS | 0.05 | 459551 | 6.5 | 8 | <0.005 |
| 6 | 50.15 | CL | PV | 5 | | | | | | 459552 | 8 | 9 | <0.005 |
| 6 | 50.15 | LX | SEL | 2 | | | | | | 459554 | 9 | 10.5 | <0.005 |
| 6 | 50.15 | SI | SPV | 2 | | | | | | 459555 | 10.5 | 12 | <0.005 |
| 6 | 50.15 | SR | SEL | 3 | | | | | | 459556 | 12 | 13.5 | <0.005 |
| 50.15 | 70.4 | AB | SPV | 4 | | | | | | 459557 | 13.5 | 15 | 0.01 |
| 50.15 | 70.4 | CL | PV | 3 | | | | | | 459558 | 15 | 16.5 | <0.005 |
| 50.15 | 70.4 | LX | SEL | 2 | | | | | | 459559 | 16.5 | 18 | <0.005 |
| 50.15 | 70.4 | SI | SPV | 4 | | | | | | 459560 | 18 | 19.5 | <0.005 |
| 50.15 | 70.4 | SR | SPV | 5 | | | | | | 459561 | 19.5 | 21 | <0.005 |
| | | | | | | | | | | 459562 | 21 | 22.5 | <0.005 |
| | | | | | | | | | | 459563 | 22.5 | 24 | <0.005 |
| | | | | | | | | | | 459564 | 24 | 25.5 | <0.005 |
| | | | | | | | | | | 459566 | 25.5 | 27 | 0.01 |
| | | | | | | | | | | 459567 | 27 | 28.5 | <0.005 |
| | | | | | | | | | | 459568 | 28.5 | 30 | 0.01 |
| | | | | | | | | | | 459569 | 30 | 31.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|-------------|-----------|----------------------------------------------------------|
| | | 459570 31.5 33 <0.005 |
| | | 459571 33 34.5 <0.005 |
| | | 459572 34.5 36 <0.005 |
| | | 459573 36 37.5 <0.005 |
| | | 459574 37.5 39 <0.005 |
| | | 459575 39 40.5 <0.005 |
| | | 459576 40.5 42 <0.005 |
| | | 459577 42 43.5 <0.005 |
| | | 459579 43.5 45 0.01 |
| | | 459580 45 46.5 <0.005 |
| | | 459581 46.5 48 <0.005 |
| | | 459582 48 49.5 <0.005 |
| | | 459583 49.5 51 <0.005 |
| | | 459584 51 52.5 <0.005 |
| | | 459585 52.5 54 <0.005 |
| | | 459586 54 55.5 <0.005 |
| | | 459587 55.5 57 <0.005 |
| | | 459588 57 58.5 <0.005 |
| | | 459589 58.5 60 <0.005 |
| | | 459591 60 61.5 <0.005 |
| | | 459592 61.5 63 <0.005 |
| | | 459593 63 64.5 <0.005 |
| | | 459594 64.5 66 <0.005 |
| | | 459595 66 67.5 <0.005 |
| | | 459596 67.5 69 <0.005 |
| 70.4 | 72.1 | DIA Diabase magnetique ; 1%PY structure controlled |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | |
|----------|--------|----------------------|-------------------------------------------|------|-------|--------------------------|------|------|------|-------|---------------|--------|------|---------------|--------|--|
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 70.4 | 72.1 | CL | PV | 5 | 70.4 | 72.1 | PY | STR | 1 | 459597 | 69 | 70.5 | <0.005 | |
| | | | | | | | | | | | | 459598 | 70.5 | 72 | <0.005 | |
| 72.1 | 75.1 | Ton | Tonalite | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 72.1 | 75.1 | AB | SPV | 2 | 72.1 | 75.1 | PY | DIS | 0.05 | 459599 | 72 | 73.5 | <0.005 | |
| | | 72.1 | 75.1 | CL | PV | 5 | | | | | | 459600 | 73.5 | 75 | <0.005 | |
| | | 72.1 | 75.1 | LX | SEL | 2 | | | | | | | | | | |
| | | 72.1 | 75.1 | SI | SPV | 2 | | | | | | | | | | |
| | | 72.1 | 75.1 | SR | SEL | 3 | | | | | | | | | | |
| 75.1 | 93 | QDR | Quartz diorite altered ; sheared from 89m | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 75.1 | 93 | AB | SPV | 2 | 75.1 | 93 | PY | DIS | 0.05 | 459601 | 75 | 76.5 | <0.005 | |
| | | 75.1 | 93 | CB | PV | 2 | | | | | | 459602 | 76.5 | 78 | <0.005 | |
| | | 75.1 | 93 | CL | PV | 5 | | | | | | 459604 | 78 | 79.5 | <0.005 | |
| | | 75.1 | 93 | LX | SEL | 2 | | | | | | 459605 | 79.5 | 81 | <0.005 | |
| | | 75.1 | 93 | SI | SPV | 2 | | | | | | 459606 | 81 | 82.5 | <0.005 | |
| | | 75.1 | 93 | SR | PV | 3 | | | | | | 459607 | 82.5 | 84 | <0.005 | |
| | | | | | | | | | | | | 459608 | 84 | 85.5 | <0.005 | |
| | | | | | | | | | | | | 459609 | 85.5 | 87 | <0.005 | |
| | | | | | | | | | | | | 459610 | 87 | 88.5 | <0.005 | |
| | | | | | | | | | | | | 459611 | 88.5 | 90 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------------------------------------------------------------------------------------------|--------|--------------------------|-------|------|-------|-------|---------------|--------|-------|---------------|--------|----------------------|--|--|--|--|--------------------------|--|--|--|--|---------------|--|--|---------------|------|----|------|-------|--------|------|----|------|-------|-------|--------|------|----|--|--|-------|-------|----|-----|---|-------|-------|----|-----|------|--------|------|------|--------|--|-------|-------|----|-----|---|--|--|--|--|--|--|--|--|--|--|-------|-------|----|-----|---|--|--|--|--|--|--------|------|----|--------|--|-------|-------|----|-----|---|--|--|--|--|--|--------|----|-------|--------|--|-------|-------|----|-----|---|--|--|--|--|--|--------|-------|-----|--------|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | 95.16 | DIA | Diabase cm porphyritic FP greenish (alt CB-CHL) ; magnetique | | | | | | | | 459612 | 90 | 91.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 459613 | 91.5 | 93 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>93</td> <td>95.16</td> <td>CB</td> <td>PV</td> <td>3</td> <td>93</td> <td>95.16</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>459614</td> <td>93</td> <td>94.5</td> <td colspan="2">0.01</td> </tr> <tr> <td>93</td> <td>95.16</td> <td>CL</td> <td>PV</td> <td>5</td> <td colspan="10"></td> </tr> </tbody> </table> | | | | | | | | | | | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | 93 | 95.16 | CB | PV | 3 | 93 | 95.16 | PY | DIS | 0.05 | 459614 | 93 | 94.5 | 0.01 | | 93 | 95.16 | CL | PV | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | 95.16 | CB | PV | 3 | 93 | 95.16 | PY | DIS | 0.05 | 459614 | 93 | 94.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | 95.16 | CL | PV | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | QDR | Quartz diorite sheared and alt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | AB | SPV | 3 | 95.16 | 96.65 | PY | DIS | 0.05 | 459616 | 94.5 | 96 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | CL | SEL | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | LX | SEL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | SI | SPV | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95.16 | 96.65 | SR | SPV | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.65 | 123.2 | DIA | Diabase cm porphyritic FP greenish (alt CB-CHL) ; magnetique ; locally broken interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.65 | 123.2 | CB | PV | 3 | 96.65 | 123.2 | PY | DIS | 0.05 | 459617 | 96 | 97.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.65 | 123.2 | CL | PV | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 459618 | 97.5 | 99 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 459619 | 99 | 100.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 459620 | 100.5 | 102 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-------------------------|
| | | 459621 102 103.5 0.01 |
| | | 459622 103.5 105 <0.005 |
| | | 459623 105 106.5 0.01 |
| | | 459624 106.5 108 0.01 |
| | | 459625 108 109.5 0.01 |
| | | 459626 109.5 111 0.02 |
| | | 459627 111 112.5 0.03 |
| | | 459629 112.5 114 0.01 |
| | | 459630 114 115.5 0.01 |
| | | 459631 115.5 117 <0.005 |
| | | 459632 117 118.5 0.01 |
| | | 459633 118.5 120 0.01 |
| | | 459634 120 121.5 0.01 |
| | | 459635 121.5 123 0.01 |

123.2 144 Ton Tonalite
 sheared and alt
 ; locally broken interval

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 123.2 | 144 | AB | SPV | 2 | 123.2 | 144 | PY | DIS | 0.05 | 459636 | 123 | 124.5 | <0.005 |
| 123.2 | 144 | CB | PV | 3 | | | | | | 459637 | 124.5 | 126 | <0.005 |
| 123.2 | 144 | CL | SEL | 5 | | | | | | 459638 | 126 | 127.5 | <0.005 |
| 123.2 | 144 | LX | SEL | 2 | | | | | | 459639 | 127.5 | 129 | <0.005 |
| 123.2 | 144 | SI | SPV | 2 | | | | | | 459641 | 129 | 130.5 | <0.005 |
| 123.2 | 144 | SR | PV | 3 | | | | | | 459642 | 130.5 | 132 | <0.005 |
| | | | | | | | | | | 459643 | 132 | 133.5 | <0.005 |
| | | | | | | | | | | 459644 | 133.5 | 135 | <0.005 |
| | | | | | | | | | | 459645 | 135 | 136.5 | <0.005 |
| | | | | | | | | | | 459646 | 136.5 | 138 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| | | 459647 | 138 | 139.5 | <0.005 | | | | | | | | |
| | | 459648 | 139.5 | 141 | <0.005 | | | | | | | | |
| | | 459649 | 141 | 142.5 | <0.005 | | | | | | | | |
| | | 459650 | 142.5 | 144 | <0.005 | | | | | | | | |
| 144 | 159.5 | MafDk | Mafic Dyke shoulders strongly folded (microfolding) and center foliated (150.5-155.5m) ; (or diabase with strongly altered and sheared shoulders) ; magnetic ; inf contact in rubble area | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 144 | 159.5 | CB | PV | 5 | 144 | 159.5 | PY | DIS | 1 | 459651 | 144 | 145.5 | 0.01 |
| 144 | 159.5 | CL | PV | 5 | | | | | | 459652 | 145.5 | 147 | 0.01 |
| 144 | 159.5 | HM | PV | 2 | | | | | | 459654 | 147 | 148.5 | <0.005 |
| | | | | | | | | | | 459655 | 148.5 | 150 | <0.005 |
| | | | | | | | | | | 459656 | 150 | 151.5 | <0.005 |
| | | | | | | | | | | 459657 | 151.5 | 153 | <0.005 |
| | | | | | | | | | | 459658 | 153 | 154.5 | <0.005 |
| | | | | | | | | | | 459659 | 154.5 | 156 | <0.005 |
| | | | | | | | | | | 459660 | 156 | 157.5 | <0.005 |
| | | | | | | | | | | 459661 | 157.5 | 159 | <0.005 |
| 159.5 | 178.8 | QFP | Qtz Feldspar porph FP rich ; HM altered and magnetic ; sup contact sharp at 30°C; inf contact in rubble area | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 159.5 | 178.8 | CB | SEL | 3 | | | | | | 459662 | 159 | 160.5 | <0.005 |
| 159.5 | 178.8 | CL | SEL | 5 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | |
|----------|--------|-----------|----------------------------------------------------------------------------------------------------|--------|------|--------|--------------------------|-------|--------|------|---------------|-------|--------|-------|-------|---------------|
| | 159.5 | 178.8 | HM | SEL | 3 | 459663 | 160.5 | 162 | <0.005 | | | | | | | |
| | | | | | | 459664 | 162 | 163.5 | <0.005 | | | | | | | |
| | | | | | | 459666 | 163.5 | 165 | <0.005 | | | | | | | |
| | | | | | | 459667 | 165 | 166.5 | <0.005 | | | | | | | |
| | | | | | | 459668 | 166.5 | 168 | 0.01 | | | | | | | |
| | | | | | | 459669 | 168 | 169.5 | 0.01 | | | | | | | |
| | | | | | | 459670 | 169.5 | 171 | <0.005 | | | | | | | |
| | | | | | | 459671 | 171 | 172.5 | 0.01 | | | | | | | |
| | | | | | | 459672 | 172.5 | 174 | <0.005 | | | | | | | |
| | | | | | | 459673 | 174 | 175.5 | <0.005 | | | | | | | |
| | | | | | | 459674 | 175.5 | 177 | <0.005 | | | | | | | |
| | | | | | | 459675 | 177 | 178.5 | <0.005 | | | | | | | |
| 178.8 | 186.75 | MafDk | Mafic Dyke | | | | | | | | | | | | | |
| | | | shoulders stongly folded (microfolding) | | | | | | | | | | | | | |
| | | | ; magnetic | | | | | | | | | | | | | |
| | | | ; (or diabase with strongly altered and sheared shoulders) | | | | | | | | | | | | | |
| | | | ; inf contact shap at 40°CA | | | | | | | | | | | | | |
| | | | Alteration Intervals | | | | Mineralization Intervals | | | | Assay Results | | | | | |
| | | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | | 178.8 | 186.75 | CB | PV | 5 | | | | | | 459676 | 178.5 | 180 | 0.01 |
| | | | 178.8 | 186.75 | CL | PV | 5 | | | | | | 459677 | 180 | 181.5 | <0.005 |
| | | | | | | | | | | | | | 459679 | 181.5 | 183 | <0.005 |
| | | | | | | | | | | | | | 459680 | 183 | 184.5 | <0.005 |
| | | | | | | | | | | | | | 459681 | 184.5 | 186 | <0.005 |
| 186.75 | 193.3 | QFP | Qtz Feldspar porph | | | | | | | | | | | | | |
| | | | FP rich | | | | | | | | | | | | | |
| | | | ; HM altered and magnetic | | | | | | | | | | | | | |
| | | | ; Faulted (gouge from 188.65-188.66 and 188.85-188.95) than cataclased up to 191 and sheared again | | | | | | | | | | | | | |
| | | | ; inf contact sharp at 30°AC | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | |
|----------|--------|----------------------|------------|--------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|----|--------|-------|---------------|---------------|-------|---------------|---------------|-------|---------------|--|
| | | Alteration Intervals | | | | | | From | To | Type | Style | % Min | Sample | From | To | | | | |
| From | To | Type | Style | Inten. | | | | | | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | |
| 186.75 | 193.3 | AB | SEL | 3 | | | | | | 186.75 | 193.1 | PY | DIS | 0.05 | 459682 | 186 | 187.5 | <0.005 | |
| 186.75 | 193.3 | CB | SEL | 2 | | | | | | 193.1 | 193.3 | PY | DIS | 1 | 459683 | 187.5 | 189 | <0.005 | |
| 186.75 | 193.3 | HM | SEL | 5 | | | | | | | | | 459684 | 189 | 190.5 | <0.005 | | | |
| 186.75 | 193.3 | SI | SEL | 3 | | | | | | | | | 459685 | 190.5 | 192 | <0.005 | | | |
| | | | | | | | | | | | | | 459686 | 192 | 193.3 | <0.005 | | | |
| 193.3 | 231 | MafDk | Mafic Dyke | | | shoulders strongly folded (microfolding) ; magnetic ; (or diabase with strongly altered and sheared shoulders or strongly altered melanocratic diorite) | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | | | | | | From | To | Type | Style | % Min | Sample | From | To | | |
| 193.3 | 231 | CB | SPV | 2 | | | | | | 193.3 | 231 | PY | DIS | 0.05 | 459687 | 193.3 | 194 | <0.005 | |
| 193.3 | 231 | CL | SEL | 5 | | | | | | | | | 459688 | 194 | 195 | <0.005 | | | |
| 193.3 | 231 | SR | PV | 3 | | | | | | | | | 459689 | 195 | 196.5 | 0.01 | | | |
| | | | | | | | | | | | | | 459691 | 196.5 | 198 | <0.005 | | | |
| | | | | | | | | | | | | | 459692 | 198 | 199.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459693 | 199.5 | 201 | <0.005 | | | |
| | | | | | | | | | | | | | 459694 | 201 | 202.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459695 | 202.5 | 204 | <0.005 | | | |
| | | | | | | | | | | | | | 459696 | 204 | 205.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459697 | 205.5 | 207 | <0.005 | | | |
| | | | | | | | | | | | | | 459698 | 207 | 208.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459699 | 208.5 | 210 | <0.005 | | | |
| | | | | | | | | | | | | | 459700 | 210 | 211.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459701 | 211.5 | 213 | <0.005 | | | |
| | | | | | | | | | | | | | 459702 | 213 | 214.5 | <0.005 | | | |
| | | | | | | | | | | | | | 459704 | 214.5 | 216 | <0.005 | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|-------------|-----------|-----------|--------|-------|--------------|
| | | | 459705 | 216 | 217.5 <0.005 |
| | | | 459706 | 217.5 | 219 <0.005 |
| | | | 459707 | 219 | 220.5 <0.005 |
| | | | 459708 | 220.5 | 222 <0.005 |
| | | | 459709 | 222 | 223.5 <0.005 |
| | | | 459710 | 223.5 | 225 <0.005 |
| | | | 459711 | 225 | 226.5 <0.005 |
| | | | 459712 | 226.5 | 228 <0.005 |
| | | | 459713 | 228 | 229.5 <0.005 |
| | | | 459714 | 229.5 | 231 0.01 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 195 | Length : | 9.6 | Dimension : | NQ |
| Dip : | -63 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 5-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 7-Nov-2017 | Left in hole : | no | Logged by : | R Zellagui |
| Logged : | 11-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 426751.43 | Hole : | SURFACE |
| North : | 5267779.03 | Zone : | 17 |
| Elevation: | 401.25 | NAD : | NAD83 |

Target : Condemnation hole

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 195 | -63 | TN14 | 117 | 193.2 | -61.5 | Reflex |
| 15 | 193.8 | -63.1 | Reflex | 120 | 193 | -61.4 | Reflex |
| 18 | 193.1 | -63.2 | Reflex | 123 | 193.2 | -61.4 | Reflex |
| 21 | 192.8 | -63 | Reflex | 129 | 193.4 | -61.3 | Reflex |
| 24 | 193.5 | -63 | Reflex | 132 | 193.2 | -61.3 | Reflex |
| 27 | 193.6 | -62.9 | Reflex | 135 | 193.4 | -61.2 | Reflex |
| 30 | 192.9 | -62.7 | Reflex | 138 | 193.3 | -61.2 | Reflex |
| 33 | 193.4 | -62.8 | Reflex | 141 | 193.2 | -61.2 | Reflex |
| 36 | 193.6 | -62.7 | Reflex | 144 | 193.3 | -61.1 | Reflex |
| 39 | 193.7 | -62.3 | Reflex | 147 | 193.2 | -61.1 | Reflex |
| 42 | 194.1 | -62.8 | Reflex | 153 | 193.3 | -61.1 | Reflex |
| 45 | 193.5 | -62.4 | Reflex | 156 | 193.5 | -60 | Reflex |
| 54 | 193.5 | -62.4 | Reflex | 159 | 193.8 | -61 | Reflex |
| 60 | 193.7 | -62.3 | Reflex | 162 | 193.5 | -61 | Reflex |
| 66 | 193.3 | -62.2 | Reflex | 165 | 193.8 | -61 | Reflex |
| 69 | 193.3 | -62.2 | Reflex | 168 | 193.9 | -60.9 | Reflex |
| 72 | 193.3 | -62.2 | Reflex | 171 | 193.9 | -60.9 | Reflex |
| 75 | 193.1 | -62.1 | Reflex | 174 | 193.7 | -60.9 | Reflex |
| 78 | 193.1 | -62 | Reflex | 177 | 193.4 | -60.8 | Reflex |
| 84 | 193.3 | -62 | Reflex | 180 | 193.4 | -60.8 | Reflex |
| 87 | 193 | -62.1 | Reflex | 189 | 193.5 | -60.7 | Reflex |
| 90 | 193.8 | -61.9 | Reflex | 192 | 193.4 | -60.6 | Reflex |
| 93 | 193 | -61.9 | Reflex | 195 | 193.8 | -60.6 | Reflex |
| 96 | 193.5 | -61.8 | Reflex | 198 | 194 | -60.6 | Reflex |
| 99 | 193.4 | -61.8 | Reflex | 201 | 193.5 | -60.5 | Reflex |
| 105 | 193.3 | -61.7 | Reflex | 204 | 194.2 | -60.5 | Reflex |
| 108 | 193.5 | -61.7 | Reflex | 207 | 194.2 | -60.5 | Reflex |
| 111 | 193 | -61.6 | Reflex | 210 | 193.1 | -60.5 | Reflex |
| 114 | 193.7 | -61.6 | Reflex | 213 | 194.4 | -60.5 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 216 | 194.5 | -60.4 | Reflex |
| 219 | 193.5 | -60.3 | Reflex |
| 225 | 194 | -60.3 | Reflex |
| 228 | 193.4 | -60.2 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Best Au (ppm) | |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|---------------|-------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | Total |
| 9 | 10 | 456701 | A18-03364 | 2.2 | 7 | - | - | - | - | - | 0.01 |
| 10 | 11 | 456702 | A18-03364 | 2.08 | 6 | - | - | - | - | - | 0.01 |
| 11 | 12 | 456704 | A18-03364 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.18 | 456705 | A18-03364 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 13.18 | 14 | 456706 | A18-03364 | 1.39 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15 | 456707 | A18-03364 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16 | 456708 | A18-03364 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 16 | 17.05 | 456709 | A18-03364 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 17.05 | 18 | 456710 | A18-03364 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19 | 456711 | A18-03364 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20.27 | 456712 | A18-03364 | 2.55 | 2.5 | - | - | - | - | - | < DL |
| 20.27 | 21 | 456713 | A18-03364 | 1.45 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 456714 | A18-03364 | 3 | 13 | - | - | - | - | - | 0.01 |
| 22.5 | 24 | 456716 | A18-03364 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 456717 | A18-03364 | 2.69 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 456718 | A18-03364 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 456719 | A18-03364 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 456720 | A18-03364 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31.5 | 456721 | A18-03364 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 456722 | A18-03364 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 33 | 33.61 | 456723 | A18-03364 | 1.32 | 2.5 | - | - | - | - | - | < DL |
| 33.61 | 35 | 456724 | A18-03364 | 2.94 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36 | 456725 | A18-03364 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37.44 | 456726 | A18-03364 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 37.44 | 38.78 | 456727 | A18-03364 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 38.78 | 40 | 456729 | A18-03364 | 2.49 | 2.5 | - | - | - | - | - | < DL |
| 40 | 41.5 | 456730 | A18-03364 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 41.5 | 43 | 456731 | A18-03364 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 43 | 44.15 | 456732 | A18-03364 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 44.15 | 45 | 456733 | A18-03364 | 1.76 | 7 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 45 | 46.5 | 456734 | A18-03364 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 46.5 | 48 | 456735 | A18-03364 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49.5 | 456736 | A18-03364 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 456737 | A18-03364 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.5 | 456738 | A18-03364 | 3.29 | 15 | - | - | - | - | - | 0.02 |
| 52.5 | 53.85 | 456739 | A18-03364 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 53.85 | 54.7 | 456741 | A18-03364 | 1.91 | 2.5 | - | - | - | - | - | < DL |
| 54.7 | 56.03 | 456742 | A18-03364 | 2.99 | 2.5 | - | - | - | - | - | < DL |
| 56.03 | 57 | 456743 | A18-03364 | 2.12 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58.5 | 456744 | A18-03364 | 3.16 | 2.5 | - | - | - | - | - | < DL |
| 58.5 | 60 | 456745 | A18-03364 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61.5 | 456746 | A18-03364 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 456747 | A18-03364 | 3.11 | 5 | - | - | - | - | - | 0.01 |
| 63 | 64.5 | 456748 | A18-03364 | 3.29 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 456749 | A18-03364 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 456750 | A18-03364 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 456751 | A18-03364 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 456752 | A18-03364 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 456754 | A18-03364 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 456755 | A18-03364 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74.2 | 456756 | A18-03364 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 74.2 | 75.15 | 456757 | A18-03364 | 1.8 | 2.5 | - | - | - | - | - | < DL |
| 75.15 | 76 | 456758 | A18-03364 | 2.18 | 9 | - | - | - | - | - | 0.01 |
| 76 | 77 | 456759 | A18-03364 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 77 | 78 | 456760 | A18-03364 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79 | 456761 | A18-03364 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80 | 456762 | A18-03364 | 1.46 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81 | 456763 | A18-03364 | 2.09 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82 | 456764 | A18-03364 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83 | 456766 | A18-03364 | 2.21 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 83 | 84 | 456767 | A18-03364 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85 | 456768 | A18-03364 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 85 | 86 | 456769 | A18-03364 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 456770 | A18-03364 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88 | 456771 | A18-03364 | 2.03 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89 | 456772 | A18-03364 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 89 | 90 | 456773 | A18-03364 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91 | 456774 | A18-03364 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92 | 456775 | A18-03364 | 2.08 | 2.5 | - | - | - | - | - | < DL |
| 92 | 93 | 456776 | A18-03364 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94.36 | 456777 | A18-03364 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 94.36 | 95.5 | 456779 | A18-03364 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 95.5 | 97 | 456780 | A18-03364 | 1.82 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 456781 | A18-03364 | 2.13 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99 | 456782 | A18-03364 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.3 | 456783 | A18-03364 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 100.3 | 101.63 | 456784 | A18-03364 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 101.63 | 102.52 | 456785 | A18-03364 | 1.94 | 2.5 | - | - | - | - | - | < DL |
| 102.52 | 104 | 456786 | A18-03364 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 104 | 105 | 456787 | A18-03364 | 2.26 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106 | 456788 | A18-03364 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107 | 456789 | A18-03364 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 107 | 108 | 456791 | A18-03364 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109 | 456792 | A18-03364 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110 | 456793 | A18-03364 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 110 | 111 | 456794 | A18-03364 | 2.38 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112 | 456795 | A18-03364 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113 | 456796 | A18-03364 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 113 | 114 | 456797 | A18-03364 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115 | 456798 | A18-03364 | 2.03 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 115 | 116 | 456799 | A18-03364 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 116 | 117 | 456800 | A18-03364 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118 | 456801 | A18-03364 | 2.01 | 2.5 | - | - | - | - | - | < DL |
| 118 | 119.3 | 456802 | A18-03364 | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 119.3 | 120 | 456804 | A18-03364 | 1.54 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 456805 | A18-03364 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 456806 | A18-03364 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123 | 456807 | A18-03364 | 2.14 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124.24 | 456808 | A18-03364 | 2.8 | 2.5 | - | - | - | - | - | < DL |
| 124.24 | 125 | 456809 | A18-03364 | 1.52 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126 | 456810 | A18-03364 | 2.16 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127 | 456811 | A18-03364 | 2.02 | 2.5 | - | - | - | - | - | < DL |
| 127 | 128.5 | 456812 | A18-03364 | 2.98 | 2.5 | - | - | - | - | - | < DL |
| 128.5 | 130 | 456813 | A18-03364 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131.5 | 456814 | A18-03364 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 131.5 | 133 | 456816 | A18-03364 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 133 | 133.74 | 456817 | A18-03364 | 1.61 | 2.5 | - | - | - | - | - | < DL |
| 133.74 | 134.7 | 456818 | A18-03364 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 134.7 | 135.93 | 456819 | A18-03364 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 135.93 | 137 | 456820 | A18-03364 | 2.06 | 2.5 | - | - | - | - | - | < DL |
| 137 | 138.5 | 456821 | A18-03364 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 138.5 | 140 | 456822 | A18-03364 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141.5 | 456823 | A18-03364 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 141.5 | 143 | 456824 | A18-03364 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 143 | 144.5 | 456825 | A18-03364 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 144.5 | 146 | 456826 | A18-03364 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147.48 | 456827 | A18-03364 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 147.48 | 149 | 456829 | A18-03364 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 149 | 150.5 | 456830 | A18-03364 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 150.5 | 152 | 456831 | A18-03364 | 3.39 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 152 | 153.5 | 456832 | A18-03364 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 153.5 | 155 | 456833 | A18-03364 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 155 | 156.24 | 456834 | A18-03364 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 156.24 | 157.28 | 456835 | A18-03364 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 157.28 | 158.5 | 456836 | A18-03364 | 2.64 | 2.5 | - | - | - | - | - | < DL |
| 158.5 | 160 | 456837 | A18-03364 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 160 | 161.5 | 456838 | A18-03364 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 161.5 | 163 | 456839 | A18-03364 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 163 | 164.5 | 456841 | A18-03364 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 164.5 | 166 | 456842 | A18-03364 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 166 | 167.5 | 456843 | A18-03364 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 167.5 | 169 | 456844 | A18-03364 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170.5 | 456845 | A18-03364 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 170.5 | 171.8 | 456846 | A18-03364 | 2.93 | 2.5 | - | - | - | - | - | < DL |
| 171.8 | 173 | 456847 | A18-03364 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 173 | 174.5 | 456848 | A18-03364r | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 174.5 | 176 | 456849 | A18-03364r | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 176 | 177.5 | 456850 | A18-03364r | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 177.5 | 179 | 456851 | A18-03364r | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180.49 | 456852 | A18-03364r | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 180.49 | 181.6 | 456854 | A18-03364r | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 181.6 | 183 | 456855 | A18-03364r | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 456856 | A18-03364r | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 186 | 456857 | A18-03364r | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 456858 | A18-03364r | 2.85 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 456859 | A18-03364 | 2.91 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 456860 | A18-03364 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 192 | 456861 | A18-03364 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193.5 | 456862 | A18-03364 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 193.5 | 195 | 456863 | A18-03364 | 3.27 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 195 | 196.5 | 456864 | A18-03364 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 196.5 | 198 | 456866 | A18-03364 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 456867 | A18-03364 | 3.01 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 456868 | A18-03364 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202.5 | 456869 | A18-03364 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 456870 | A18-03364 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 204 | 204.62 | 456871 | A18-03364 | 1.98 | 2.5 | - | - | - | - | - | < DL |
| 204.62 | 206 | 456872 | A18-03364 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207.5 | 456873 | A18-03364 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 207.5 | 209 | 456874 | A18-03364 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210.5 | 456875 | A18-03364 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 210.5 | 212 | 456876 | A18-03364 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213.5 | 456877 | A18-03364 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 213.5 | 215 | 456879 | A18-03364 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216 | 456880 | A18-03364 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217.5 | 456881 | A18-03364 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 217.5 | 219 | 456882 | A18-03364 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 219 | 220.5 | 456883 | A18-03364 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 220.5 | 222 | 456884 | A18-03364 | 2.97 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223.5 | 456885 | A18-03364 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 456886 | A18-03364 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226.4 | 456887 | A18-03364 | 2.91 | 2.5 | - | - | - | - | - | < DL |
| 226.4 | 227.3 | 456888 | A18-03364 | 2.61 | 2.5 | - | - | - | - | - | < DL |
| 227.3 | 228.85 | 456889 | A18-03364 | 2.3 | 2.5 | - | - | - | - | - | < DL |
| 228.85 | 229.74 | 456891 | A18-03364 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 229.74 | 231 | 456892 | A18-03364 | 2.6 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | Best Au (ppm) |
|----------|--------|----------------------|------------------------------------------------------------------------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|---------------|
| 0 | 9.6 | OV | Overburden | | | | | | | | | | | |
| 9.6 | 13.18 | IVOL | Intermediate volcanic Sheared cristal tuff ; inf contact sharp at 30°C | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| 9.6 | 13.18 | CL | PV | 3 | 9.6 | 13.18 | PY | DIS | 0.05 | 456701 | 9 | 10 | 0.01 | |
| 9.6 | 13.18 | SR | PV | 3 | | | | | | 456702 | 10 | 11 | 0.01 | |
| | | | | | | | | | | 456704 | 11 | 12 | <0.005 | |
| | | | | | | | | | | 456705 | 12 | 13.18 | <0.005 | |
| 13.18 | 27.06 | Ton | Tonalite Sheared and strongly altered ; Inf contact sharp at 30°C | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| 13.18 | 27.06 | AB | SPV | 5 | 13.18 | 13.18 | PY | DIS | 0.05 | 456706 | 13.18 | 14 | <0.005 | |
| 13.18 | 27.06 | CL | SEL | 3 | | | | | | 456707 | 14 | 15 | <0.005 | |
| 13.18 | 27.06 | LX | SEL | 2 | | | | | | 456708 | 15 | 16 | <0.005 | |
| 13.18 | 27.06 | SI | SPV | 5 | | | | | | 456709 | 16 | 17.05 | <0.005 | |
| 13.18 | 27.06 | SR | PV | 5 | | | | | | 456710 | 17.05 | 18 | <0.005 | |
| | | | | | | | | | | 456711 | 18 | 19 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|--------------------------|-------|------|-------|--------------------------|---------------|-------|-------|---------------|---------------|--|--|---------------|------|----|------|-------|--------|------|----|------|-------|-------|--------|------|----|--|-------|-------|----|-----|---|-------|-------|----|-----|------|--------|-------|------|--------|-------|-------|----|----|---|-------|-------|----|-----|---|--------|------|----|--------|-------|----|----|----|---|-------|-------|----|-----|------|--------|----|-------|--------|--|--|--|--|--|-------|----|----|-----|---|--------|-------|-------|--------|--|--|--|--|--|--|--|--|--|--|--------|-------|-------|--------|
| | | 456712 | 19 20.27 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 456713 | 20.27 21 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 456714 | 21 22.5 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 456716 | 22.5 24 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 456717 | 24 25.5 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 456718 | 25.5 27 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27.06 | 33.73 | MVOL Mafic volcanic Sheared cristal tuff green greyish ; inf contact sharp at 40°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td>27.06</td> <td>33.73</td> <td>CL</td> <td>PV</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456719</td> <td>27</td> <td>28.5</td> <td><0.005</td> </tr> <tr> <td>27.06</td> <td>33.73</td> <td>SR</td> <td>PV</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456720</td> <td>28.5</td> <td>30</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456721</td> <td>30</td> <td>31.5</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456722</td> <td>31.5</td> <td>33</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456723</td> <td>33</td> <td>33.61</td> <td><0.005</td> </tr> </tbody> </table> | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | 27.06 | 33.73 | CL | PV | 3 | | | | | | 456719 | 27 | 28.5 | <0.005 | 27.06 | 33.73 | SR | PV | 3 | | | | | | 456720 | 28.5 | 30 | <0.005 | | | | | | | | | | | 456721 | 30 | 31.5 | <0.005 | | | | | | | | | | | 456722 | 31.5 | 33 | <0.005 | | | | | | | | | | | 456723 | 33 | 33.61 | <0.005 |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27.06 | 33.73 | CL | PV | 3 | | | | | | 456719 | 27 | 28.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27.06 | 33.73 | SR | PV | 3 | | | | | | 456720 | 28.5 | 30 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456721 | 30 | 31.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456722 | 31.5 | 33 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456723 | 33 | 33.61 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33.73 | 45 | Ton Tonalite altered and sheared; magnetic;inf contact sharp at 70°AC ; prophyritic texture at first then sheared ; 37.44-38.78 : Diabase with sharp sup and inf contact respectively at 45° and 60°C; hghly magnetic and strong reaction to HCl; 1% PY diss; not deformed (late dyke) (intrude Tonalite) ; 44.15-45 : Diabase with sharp sup and inf contact respectively at 40° and 70°C; slightly magnetic and strong reaction to HCl; 2% PY diss; not deformed (late dyke) (intrude tonalite) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td>33.73</td> <td>45</td> <td>CL</td> <td>SEL</td> <td>3</td> <td>33.73</td> <td>37.44</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>456724</td> <td>33.61</td> <td>35</td> <td><0.005</td> </tr> <tr> <td>33.73</td> <td>45</td> <td>HM</td> <td>PV</td> <td>3</td> <td>37.44</td> <td>38.78</td> <td>PY</td> <td>DIS</td> <td>1</td> <td>456725</td> <td>35</td> <td>36</td> <td><0.005</td> </tr> <tr> <td>33.73</td> <td>45</td> <td>SR</td> <td>PV</td> <td>3</td> <td>38.78</td> <td>44.15</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>456726</td> <td>36</td> <td>37.44</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>44.15</td> <td>45</td> <td>PY</td> <td>DIS</td> <td>2</td> <td>456727</td> <td>37.44</td> <td>38.78</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456729</td> <td>38.78</td> <td>40</td> <td><0.005</td> </tr> </tbody> </table> | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | 33.73 | 45 | CL | SEL | 3 | 33.73 | 37.44 | PY | DIS | 0.05 | 456724 | 33.61 | 35 | <0.005 | 33.73 | 45 | HM | PV | 3 | 37.44 | 38.78 | PY | DIS | 1 | 456725 | 35 | 36 | <0.005 | 33.73 | 45 | SR | PV | 3 | 38.78 | 44.15 | PY | DIS | 0.05 | 456726 | 36 | 37.44 | <0.005 | | | | | | 44.15 | 45 | PY | DIS | 2 | 456727 | 37.44 | 38.78 | <0.005 | | | | | | | | | | | 456729 | 38.78 | 40 | <0.005 |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33.73 | 45 | CL | SEL | 3 | 33.73 | 37.44 | PY | DIS | 0.05 | 456724 | 33.61 | 35 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33.73 | 45 | HM | PV | 3 | 37.44 | 38.78 | PY | DIS | 1 | 456725 | 35 | 36 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33.73 | 45 | SR | PV | 3 | 38.78 | 44.15 | PY | DIS | 0.05 | 456726 | 36 | 37.44 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 44.15 | 45 | PY | DIS | 2 | 456727 | 37.44 | 38.78 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456729 | 38.78 | 40 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|------------------------|
| | | 456730 40 41.5 <0.005 |
| | | 456731 41.5 43 <0.005 |
| | | 456732 43 44.15 <0.005 |
| | | 456733 44.15 45 0.01 |

45 67.55 Ton Tonalite
 Sheared and strongly altered (similar as 13.18-27.06m); intrude ""metasediments""
 ; Inf contact sharp at 30°C

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 45 | 67.55 | AB | SPV | 5 | | | | | | 456734 | 45 | 46.5 | <0.005 |
| 45 | 67.55 | CL | SEL | 3 | | | | | | 456735 | 46.5 | 48 | <0.005 |
| 45 | 67.55 | LX | SEL | 2 | | | | | | 456736 | 48 | 49.5 | <0.005 |
| 45 | 67.55 | SI | SPV | 5 | | | | | | 456737 | 49.5 | 51 | <0.005 |
| 45 | 67.55 | SR | PV | 5 | | | | | | 456738 | 51 | 52.5 | 0.02 |
| | | | | | | | | | | 456739 | 52.5 | 53.85 | <0.005 |
| | | | | | | | | | | 456741 | 53.85 | 54.7 | <0.005 |
| | | | | | | | | | | 456742 | 54.7 | 56.03 | <0.005 |
| | | | | | | | | | | 456743 | 56.03 | 57 | <0.005 |
| | | | | | | | | | | 456744 | 57 | 58.5 | <0.005 |
| | | | | | | | | | | 456745 | 58.5 | 60 | <0.005 |
| | | | | | | | | | | 456746 | 60 | 61.5 | <0.005 |
| | | | | | | | | | | 456747 | 61.5 | 63 | 0.01 |
| | | | | | | | | | | 456748 | 63 | 64.5 | <0.005 |
| | | | | | | | | | | 456749 | 64.5 | 66 | <0.005 |
| | | | | | | | | | | 456750 | 66 | 67.5 | <0.005 |

67.55 72.25 DIA Diabase
 Strongly sheared up to 67.98 then moderately sheared up to 73.45m and then more homogeneous. Strong SR alteration controlled by structures and semi-pervasive.

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

; Inf contact sharp at 65°C.A.
; Intrude diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 67.55 | 72.25 | SR | SPV | 4 | 67.55 | 72.25 | PY | DIS | 0.05 | 456751 | 67.5 | 69 | <0.005 |
| | | | | | | | | | | 456752 | 69 | 70.5 | <0.005 |
| | | | | | | | | | | 456754 | 70.5 | 72 | <0.005 |

72.25 102.52 Ton Tonalite

Strongly altered (similar as 13.18-27.06m);
; 84.6-84.98m : mafic intrusive strongly sheared; with 10% CB veinlets; moderate to strong CB SPV alteration and chlorite alteration; contact sup and inf at 40°C.A;
; 87.13-88.85 : lamprophyre brown BO riche sheared; contact sup and inf respectively at 30°C.A and 50°C.A; strong PV CB alt
; 94.56-96.20 : diabase magnetic very dark with PY finely Diss; contact sup and inf at 50°C.A
; 100.3-101.63: lamprophyre brown BO riche; contact sup and inf at 50°C.A;

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 72.25 | 75.15 | AB | SPV | 5 | 72.25 | 75.15 | PY | DIS | 0.05 | 456755 | 72 | 73 | <0.005 |
| 72.25 | 75.15 | CL | SEL | 3 | 75.15 | 76 | CPY | STR | 1 | 456756 | 73 | 74.2 | <0.005 |
| 72.25 | 75.15 | LX | SEL | 2 | 75.15 | 76 | PY | STR | 1 | 456757 | 74.2 | 75.15 | <0.005 |
| 72.25 | 75.15 | SI | SPV | 5 | 76 | 100.3 | PY | DIS | 0.05 | 456758 | 75.15 | 76 | 0.01 |
| 72.25 | 75.15 | SR | PV | 5 | 100.3 | 101.63 | PY | DIS | 1 | 456759 | 76 | 77 | <0.005 |
| 75.15 | 79.8 | AB | SPV | 5 | 101.63 | 102.52 | PY | DIS | 0.05 | 456760 | 77 | 78 | <0.005 |
| 75.15 | 79.8 | CL | PV | 3 | | | | | | 456761 | 78 | 79 | <0.005 |
| 75.15 | 79.8 | LX | SEL | 2 | | | | | | 456762 | 79 | 80 | <0.005 |
| 75.15 | 79.8 | SI | SPV | 5 | | | | | | 456763 | 80 | 81 | <0.005 |
| 75.15 | 79.8 | SR | PV | 2 | | | | | | 456764 | 81 | 82 | <0.005 |
| 79.8 | 92.8 | AB | SPV | 3 | | | | | | 456766 | 82 | 83 | <0.005 |
| 79.8 | 92.8 | LX | SEL | 2 | | | | | | 456767 | 83 | 84 | <0.005 |
| 79.8 | 92.8 | SI | SPV | 3 | | | | | | 456768 | 84 | 85 | <0.005 |
| 79.8 | 92.8 | SR | PV | 5 | | | | | | 456769 | 85 | 86 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|--------|--------|--|
| 92.8 | 95.6 | AB | SPV | 3 | 456770 | 86 | 87 | <0.005 | |
| 92.8 | 95.6 | HM | PV | 3 | 456771 | 87 | 88 | <0.005 | |
| 92.8 | 95.6 | LX | SEL | 2 | 456772 | 88 | 89 | <0.005 | |
| 92.8 | 95.6 | SI | SPV | 3 | 456773 | 89 | 90 | <0.005 | |
| 92.8 | 95.6 | SR | PV | 4 | 456774 | 90 | 91 | <0.005 | |
| 95.6 | 102.52 | AB | SPV | 3 | 456775 | 91 | 92 | <0.005 | |
| 95.6 | 102.52 | LX | SEL | 2 | 456776 | 92 | 93 | <0.005 | |
| 95.6 | 102.52 | SI | SPV | 3 | 456777 | 93 | 94.36 | <0.005 | |
| 95.6 | 102.52 | SR | PV | 5 | 456779 | 94.36 | 95.5 | <0.005 | |
| | | | | | 456780 | 95.5 | 97 | <0.005 | |
| | | | | | 456781 | 97 | 98 | <0.005 | |
| | | | | | 456782 | 98 | 99 | <0.005 | |
| | | | | | 456783 | 99 | 100.3 | <0.005 | |
| | | | | | 456784 | 100.3 | 101.63 | <0.005 | |
| | | | | | 456785 | 101.63 | 102.52 | <0.005 | |

102.52 112 MVOL Mafic volcanic
 Aphanitic to fine grained green mafic rock;
 ; 105.45-107.4 : diabase magnetic with 1% finely diss PY

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|--------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 102.52 | 112 | CL | PV | 5 | 102.52 | 105.45 | PY | DIS | 0.05 | 456786 | 102.52 | 104 | <0.005 |
| | | | | | 105.45 | 107.4 | PY | DIS | 1 | 456787 | 104 | 105 | <0.005 |
| | | | | | 107.4 | 112 | PY | DIS | 0.05 | 456788 | 105 | 106 | <0.005 |
| | | | | | | | | | | 456789 | 106 | 107 | <0.005 |
| | | | | | | | | | | 456791 | 107 | 108 | <0.005 |
| | | | | | | | | | | 456792 | 108 | 109 | <0.005 |
| | | | | | | | | | | 456793 | 109 | 110 | <0.005 |
| | | | | | | | | | | 456794 | 110 | 111 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------------------------------|
| | | 456795 111 112 <0.005 |

112 127.1 Ton Tonalite
 Sheared and strongly altered (similar as 13.18-27.06m);
 ; Strong SR alt in along shearing plans

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 112 | 124.24 | AB | SPV | 3 | 112 | 127.1 | PY | DIS | 0.05 | 456796 | 112 | 113 | <0.005 |
| 112 | 124.24 | LX | SEL | 2 | | | | | | 456797 | 113 | 114 | <0.005 |
| 112 | 124.24 | SI | SPV | 3 | | | | | | 456798 | 114 | 115 | <0.005 |
| 112 | 124.24 | SR | PV | 5 | | | | | | 456799 | 115 | 116 | <0.005 |
| 124.24 | 125.18 | AB | SPV | 5 | | | | | | 456800 | 116 | 117 | <0.005 |
| 124.24 | 125.18 | CL | SEL | 3 | | | | | | 456801 | 117 | 118 | <0.005 |
| 124.24 | 125.18 | LX | SEL | 2 | | | | | | 456802 | 118 | 119.3 | <0.005 |
| 124.24 | 125.18 | SI | SPV | 5 | | | | | | 456804 | 119.3 | 120 | <0.005 |
| 124.24 | 125.18 | SR | PV | 5 | | | | | | 456805 | 120 | 121 | <0.005 |
| | | | | | | | | | | 456806 | 121 | 122 | <0.005 |
| | | | | | | | | | | 456807 | 122 | 123 | <0.005 |
| | | | | | | | | | | 456808 | 123 | 124.24 | <0.005 |
| | | | | | | | | | | 456809 | 124.24 | 125 | <0.005 |
| | | | | | | | | | | 456810 | 125 | 126 | <0.005 |
| | | | | | | | | | | 456811 | 126 | 127 | <0.005 |

127.1 158.22 TonBx Tonalite Breccia
 ; 134.7-135.75m: mafic dyke
 ; 156.25-157.19m: lamp dyke (BO rich)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 127.1 | 135.75 | AB | SPV | 5 | | | | | | 456812 | 127 | 128.5 | <0.005 |
| 127.1 | 135.75 | CL | SEL | 4 | | | | | | 456813 | 128.5 | 130 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|--------|--------|--|--|
| 127.1 | 135.75 | SI | SPV | 5 | 456814 | 130 | 131.5 | <0.005 | | |
| 127.1 | 135.75 | SR | PV | 5 | 456816 | 131.5 | 133 | <0.005 | | |
| 135.75 | 140.6 | AB | SEL | 3 | 456817 | 133 | 133.74 | <0.005 | | |
| 135.75 | 140.6 | CL | SEL | 3 | 456818 | 133.74 | 134.7 | <0.005 | | |
| 135.75 | 140.6 | SI | SPV | 3 | 456819 | 134.7 | 135.93 | <0.005 | | |
| 135.75 | 140.6 | SR | PV | 5 | 456820 | 135.93 | 137 | <0.005 | | |
| 140.6 | 158.22 | AB | SPV | 5 | 456821 | 137 | 138.5 | <0.005 | | |
| 140.6 | 158.22 | CL | SEL | 4 | 456822 | 138.5 | 140 | <0.005 | | |
| 140.6 | 158.22 | SI | SPV | 5 | 456823 | 140 | 141.5 | <0.005 | | |
| 140.6 | 158.22 | SR | PV | 3 | 456824 | 141.5 | 143 | <0.005 | | |
| | | | | | 456825 | 143 | 144.5 | <0.005 | | |
| | | | | | 456826 | 144.5 | 146 | <0.005 | | |
| | | | | | 456827 | 146 | 147.48 | <0.005 | | |
| | | | | | 456829 | 147.48 | 149 | <0.005 | | |
| | | | | | 456830 | 149 | 150.5 | <0.005 | | |
| | | | | | 456831 | 150.5 | 152 | <0.005 | | |
| | | | | | 456832 | 152 | 153.5 | <0.005 | | |
| | | | | | 456833 | 153.5 | 155 | <0.005 | | |
| | | | | | 456834 | 155 | 156.24 | <0.005 | | |
| | | | | | 456835 | 156.24 | 157.28 | <0.005 | | |

158.22 158.55 MafDk Mafic Dyke
in the contact between tbx and diabase

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 158.22 | 158.55 | CB | SPV | 5 | | | | | | 456836 | 157.28 | 158.5 | <0.005 |
| 158.22 | 158.55 | CL | PV | 5 | | | | | | | | | |

158.55 194.86 DIA Diabase
massif and homogenous, fractured; inf contact sharp at 50°C

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

; 168.22-168.4m: mafic dyke
 ; 169.8-170.2m: mafic dyke
 ; 171.84-172.3m: mafic dyke
 ; 181.75-183.05m: Lam dyke sheared (BO rich)
 ; 186-186.35: mafic dyke
 ; 188.65-189.08m: mafic dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 180.65 | 181.15 | AB | SPV | 4 | 158.55 | 163.5 | PY | DIS | 1 | 456837 | 158.5 | 160 | <0.005 |
| 180.65 | 181.15 | HM | SPV | 3 | 163.5 | 192.49 | PY | DIS | 0.05 | 456838 | 160 | 161.5 | <0.005 |
| 180.65 | 181.15 | SI | SPV | 4 | | | | | | 456839 | 161.5 | 163 | <0.005 |
| | | | | | | | | | | 456841 | 163 | 164.5 | <0.005 |
| | | | | | | | | | | 456842 | 164.5 | 166 | <0.005 |
| | | | | | | | | | | 456843 | 166 | 167.5 | <0.005 |
| | | | | | | | | | | 456844 | 167.5 | 169 | <0.005 |
| | | | | | | | | | | 456845 | 169 | 170.5 | <0.005 |
| | | | | | | | | | | 456846 | 170.5 | 171.8 | <0.005 |
| | | | | | | | | | | 456847 | 171.8 | 173 | <0.005 |
| | | | | | | | | | | 456848 | 173 | 174.5 | <0.005 |
| | | | | | | | | | | 456849 | 174.5 | 176 | <0.005 |
| | | | | | | | | | | 456850 | 176 | 177.5 | <0.005 |
| | | | | | | | | | | 456851 | 177.5 | 179 | <0.005 |
| | | | | | | | | | | 456852 | 179 | 180.49 | <0.005 |
| | | | | | | | | | | 456854 | 180.49 | 181.6 | <0.005 |
| | | | | | | | | | | 456855 | 181.6 | 183 | <0.005 |
| | | | | | | | | | | 456856 | 183 | 184.5 | <0.005 |
| | | | | | | | | | | 456857 | 184.5 | 186 | <0.005 |
| | | | | | | | | | | 456858 | 186 | 187.5 | <0.005 |
| | | | | | | | | | | 456859 | 187.5 | 189 | <0.005 |
| | | | | | | | | | | 456860 | 189 | 190.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-------------------------|
| | | 456861 190.5 192 <0.005 |
| | | 456862 192 193.5 <0.005 |

194.86 201.48 Ton Tonalite
 locally Sheared and strongly altered (similar as 13.18-27.06m);
 ; inf contact in a broken area

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 194.86 | 197.6 | AB | SPV | 3 | 194.86 | 201.48 | PY | DIS | 0.05 | 456863 | 193.5 | 195 | <0.005 |
| 194.86 | 197.6 | CB | SPV | 5 | | | | | | 456864 | 195 | 196.5 | <0.005 |
| 194.86 | 197.6 | CL | PV | 5 | | | | | | 456866 | 196.5 | 198 | <0.005 |
| 194.86 | 197.6 | SI | SPV | 3 | | | | | | 456867 | 198 | 199.5 | <0.005 |
| 194.86 | 197.6 | SR | PV | 3 | | | | | | 456868 | 199.5 | 201 | <0.005 |
| 197.6 | 201.48 | AB | SPV | 5 | | | | | | | | | |
| 197.6 | 201.48 | CB | SEL | 3 | | | | | | | | | |
| 197.6 | 201.48 | CL | SEL | 3 | | | | | | | | | |
| 197.6 | 201.48 | SI | SPV | 5 | | | | | | | | | |
| 197.6 | 201.48 | SR | PV | 5 | | | | | | | | | |

201.48 204.6 DIA Diabase
 sup and inf contact sharp; up to 1% diss PY

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | | | | 201.48 | 204.6 | PY | DIS | 1 | 456869 | 201 | 202.5 | <0.005 |
| | | | | | | | | | | 456870 | 202.5 | 204 | <0.005 |

204.6 219 Ton Tonalite
 Sheared locally and strongly altered (similar as 13.18-27.06m);
 ; Strong SR alt in along shearing plans;
 ; inf contact in a broken area
 ; 201.48-204.6 : diabase
 ; 217.18-217.48 : mafic dyke

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|-------|-------|--------------------------|--------|--------|---------------|----------------------|---------------|--|--|---------------|--------------------------|----|------|-------|--------|---------------|----|------|---------------|-------|--------|------|-------|--------|-------|----|------|-------|-------|--------|------|-----|------|--------|-----|--------|--------|-------|--------|----|-----|------|--------|-----|-------|--------|-----|--------|--------|-----|--------|--------|-------|----|-----|---|--------|-------|-----|--------|-----|--------|-----|-------|--------|-------|-------|----|-----|------|--------|-----|-------|--------|-----|--------|-------|-----|--------|-------|-------|----|----|---|--------|-------|-----|--------|--|--------|-----|-------|--------|-------|-----|----|-----|---|--------|-----|-------|--------|--|--------|-------|-----|--------|-------|-----|----|----|---|--------|-------|-------|--------|--|--------|-----|-------|--------|-------|-----|----|----|---|--------|-------|--------|--------|--|--------|-------|-----|--------|-------|-----|----|-----|---|--------|--------|--------|--------|--|--------|-----|-----|--------|-------|-----|----|----|---|--------|--------|-----|--------|--|--------|-----|-------|--------|--|--|--|--|--|--|--|--|--|--|--------|-------|-----|--------|
| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th rowspan="2">Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>204.6</td> <td>209.2</td> <td>AB</td> <td>SPV</td> <td>5</td> <td>204.6</td> <td>219</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>456871</td> <td>204</td> <td>204.62</td> <td><0.005</td> </tr> <tr> <td>204.6</td> <td>209.2</td> <td>CB</td> <td>SPV</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456872</td> <td>204.62</td> <td>206</td> <td><0.005</td> </tr> <tr> <td>204.6</td> <td>209.2</td> <td>CL</td> <td>PV</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456873</td> <td>206</td> <td>207.5</td> <td><0.005</td> </tr> <tr> <td>204.6</td> <td>209.2</td> <td>SI</td> <td>SPV</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456874</td> <td>207.5</td> <td>209</td> <td><0.005</td> </tr> <tr> <td>204.6</td> <td>209.2</td> <td>SR</td> <td>PV</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456875</td> <td>209</td> <td>210.5</td> <td><0.005</td> </tr> <tr> <td>209.2</td> <td>219</td> <td>AB</td> <td>SPV</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456876</td> <td>210.5</td> <td>212</td> <td><0.005</td> </tr> <tr> <td>209.2</td> <td>219</td> <td>CB</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456877</td> <td>212</td> <td>213.5</td> <td><0.005</td> </tr> <tr> <td>209.2</td> <td>219</td> <td>CL</td> <td>PV</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456879</td> <td>213.5</td> <td>215</td> <td><0.005</td> </tr> <tr> <td>209.2</td> <td>219</td> <td>SI</td> <td>SPV</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456880</td> <td>215</td> <td>216</td> <td><0.005</td> </tr> <tr> <td>209.2</td> <td>219</td> <td>SR</td> <td>PV</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456881</td> <td>216</td> <td>217.5</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456882</td> <td>217.5</td> <td>219</td> <td><0.005</td> </tr> </tbody> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | 204.6 | 209.2 | AB | SPV | 5 | 204.6 | 219 | PY | DIS | 0.05 | 456871 | 204 | 204.62 | <0.005 | 204.6 | 209.2 | CB | SPV | 5 | | | | | | 456872 | 204.62 | 206 | <0.005 | 204.6 | 209.2 | CL | PV | 5 | | | | | | 456873 | 206 | 207.5 | <0.005 | 204.6 | 209.2 | SI | SPV | 5 | | | | | | 456874 | 207.5 | 209 | <0.005 | 204.6 | 209.2 | SR | PV | 3 | | | | | | 456875 | 209 | 210.5 | <0.005 | 209.2 | 219 | AB | SPV | 3 | | | | | | 456876 | 210.5 | 212 | <0.005 | 209.2 | 219 | CB | PV | 1 | | | | | | 456877 | 212 | 213.5 | <0.005 | 209.2 | 219 | CL | PV | 2 | | | | | | 456879 | 213.5 | 215 | <0.005 | 209.2 | 219 | SI | SPV | 3 | | | | | | 456880 | 215 | 216 | <0.005 | 209.2 | 219 | SR | PV | 5 | | | | | | 456881 | 216 | 217.5 | <0.005 | | | | | | | | | | | 456882 | 217.5 | 219 | <0.005 |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204.6 | 209.2 | AB | SPV | 5 | 204.6 | 219 | PY | DIS | 0.05 | 456871 | 204 | 204.62 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204.6 | 209.2 | CB | SPV | 5 | | | | | | 456872 | 204.62 | 206 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204.6 | 209.2 | CL | PV | 5 | | | | | | 456873 | 206 | 207.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204.6 | 209.2 | SI | SPV | 5 | | | | | | 456874 | 207.5 | 209 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204.6 | 209.2 | SR | PV | 3 | | | | | | 456875 | 209 | 210.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.2 | 219 | AB | SPV | 3 | | | | | | 456876 | 210.5 | 212 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.2 | 219 | CB | PV | 1 | | | | | | 456877 | 212 | 213.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.2 | 219 | CL | PV | 2 | | | | | | 456879 | 213.5 | 215 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.2 | 219 | SI | SPV | 3 | | | | | | 456880 | 215 | 216 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.2 | 219 | SR | PV | 5 | | | | | | 456881 | 216 | 217.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456882 | 217.5 | 219 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 231 | TonBx | Tonalite Breccia | | <p>altered and locally sheared; bleu QZ eyes mm to pluri-mm; ; 222.6-228.65: mafic dyke with 1% PY diss ; 230.59-230.90 : mafic dyke</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th rowspan="2">Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>219</td> <td>231</td> <td>AB</td> <td>SPV</td> <td>3</td> <td>219</td> <td>230.59</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>456883</td> <td>219</td> <td>220.5</td> <td><0.005</td> </tr> <tr> <td>219</td> <td>231</td> <td>CL</td> <td>SEL</td> <td>5</td> <td>230.59</td> <td>230.9</td> <td>PY</td> <td>DIS</td> <td>1</td> <td>456884</td> <td>220.5</td> <td>222</td> <td><0.005</td> </tr> <tr> <td>219</td> <td>231</td> <td>SI</td> <td>SPV</td> <td>3</td> <td>230.9</td> <td>231</td> <td>PY</td> <td>DIS</td> <td>0.05</td> <td>456885</td> <td>222</td> <td>223.5</td> <td><0.005</td> </tr> <tr> <td>219</td> <td>231</td> <td>SR</td> <td>PV</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456886</td> <td>223.5</td> <td>225</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456887</td> <td>225</td> <td>226.4</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456888</td> <td>226.4</td> <td>227.3</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456889</td> <td>227.3</td> <td>228.85</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456891</td> <td>228.85</td> <td>229.74</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>456892</td> <td>229.74</td> <td>231</td> <td><0.005</td> </tr> </tbody> </table> | | | | | | | | | | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | 219 | 231 | AB | SPV | 3 | 219 | 230.59 | PY | DIS | 0.05 | 456883 | 219 | 220.5 | <0.005 | 219 | 231 | CL | SEL | 5 | 230.59 | 230.9 | PY | DIS | 1 | 456884 | 220.5 | 222 | <0.005 | 219 | 231 | SI | SPV | 3 | 230.9 | 231 | PY | DIS | 0.05 | 456885 | 222 | 223.5 | <0.005 | 219 | 231 | SR | PV | 5 | | | | | | 456886 | 223.5 | 225 | <0.005 | | | | | | | | | | | 456887 | 225 | 226.4 | <0.005 | | | | | | | | | | | 456888 | 226.4 | 227.3 | <0.005 | | | | | | | | | | | 456889 | 227.3 | 228.85 | <0.005 | | | | | | | | | | | 456891 | 228.85 | 229.74 | <0.005 | | | | | | | | | | | 456892 | 229.74 | 231 | <0.005 | | | | | | | | | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 231 | AB | SPV | 3 | 219 | 230.59 | PY | DIS | 0.05 | 456883 | 219 | 220.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 231 | CL | SEL | 5 | 230.59 | 230.9 | PY | DIS | 1 | 456884 | 220.5 | 222 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 231 | SI | SPV | 3 | 230.9 | 231 | PY | DIS | 0.05 | 456885 | 222 | 223.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 231 | SR | PV | 5 | | | | | | 456886 | 223.5 | 225 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456887 | 225 | 226.4 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456888 | 226.4 | 227.3 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456889 | 227.3 | 228.85 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456891 | 228.85 | 229.74 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 456892 | 229.74 | 231 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 90 | Length : | 1.2 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 14-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 16-Nov-2017 | Left in hole : | no | Logged by : | R Zellagui |
| Logged : | 18-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 426063.22 | Hole : | SURFACE |
| North : | 5266944.44 | Zone : | 17 |
| Elevation: | 418.41 | NAD : | NAD83 |

Target : TMF-017

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 90 | -65 | TN14 | 129 | 88.3 | -64.3 | Reflex |
| 15 | 87.5 | -64.3 | Reflex | 132 | 90.1 | -64.3 | Reflex |
| 18 | 87.3 | -64.3 | Reflex | 138 | 88.2 | -64.3 | Reflex |
| 21 | 86.7 | -64.2 | Reflex | 141 | 88.9 | -64.3 | Reflex |
| 24 | 87.8 | -64.3 | Reflex | 147 | 87.7 | -64.3 | Reflex |
| 27 | 87.1 | -64.2 | Reflex | 168 | 88.4 | -64.3 | Reflex |
| 30 | 86.9 | -64.3 | Reflex | 171 | 89.2 | -64.3 | Reflex |
| 33 | 87.1 | -64.3 | Reflex | 174 | 87.6 | -64.3 | Reflex |
| 36 | 86.9 | -64.2 | Reflex | 177 | 87.3 | -64.3 | Reflex |
| 39 | 87.4 | -64.4 | Reflex | 183 | 86.7 | -64.3 | Reflex |
| 42 | 87 | -64.2 | Reflex | 186 | 88.6 | -64.3 | Reflex |
| 45 | 87 | -64.3 | Reflex | 189 | 88.2 | -64.3 | Reflex |
| 48 | 87.2 | -64.3 | Reflex | 192 | 89.3 | -64.3 | Reflex |
| 54 | 87.5 | -64.3 | Reflex | 195 | 88.6 | -64.4 | Reflex |
| 57 | 87.2 | -64.3 | Reflex | 198 | 87.3 | -64.4 | Reflex |
| 60 | 87.8 | -64.3 | Reflex | 201 | 87.2 | -64.4 | Reflex |
| 63 | 88.9 | -64.3 | Reflex | 204 | 86.5 | -64.4 | Reflex |
| 69 | 87.5 | -64.3 | Reflex | 207 | 85.7 | -64.5 | Reflex |
| 72 | 87.5 | -64.3 | Reflex | 213 | 87.5 | -64.4 | Reflex |
| 75 | 88.4 | -64.3 | Reflex | 219 | 86.2 | -64.4 | Reflex |
| 78 | 88 | -64.3 | Reflex | 222 | 86.7 | -64.5 | Reflex |
| 81 | 88.5 | -64.3 | Reflex | 225 | 88.8 | -64.5 | Reflex |
| 87 | 88.5 | -64.3 | Reflex | 228 | 88.2 | -64.5 | Reflex |
| 90 | 88.7 | -64.3 | Reflex | 231 | 87.7 | -64.5 | Reflex |
| 93 | 88.7 | -64.3 | Reflex | | | | |
| 96 | 88.2 | -64.4 | Reflex | | | | |
| 111 | 87.5 | -64.4 | Reflex | | | | |
| 120 | 88.4 | -64.4 | Reflex | | | | |
| 126 | 89.5 | -64.4 | Reflex | | | | |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 2 | 3.5 | 459751 | A18-01461 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 3.5 | 5 | 459752 | A18-01461 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 459754 | A18-01461 | 2.17 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7.5 | 459755 | A18-01461 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 7.5 | 9 | 459756 | A18-01461 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10.5 | 459757 | A18-01461 | 4.22 | 2.5 | - | - | - | - | - | < DL |
| 10.5 | 12 | 459758 | A18-01461 | 4.08 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 459759 | A18-01461 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 459760 | A18-01461 | 3.9 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16.5 | 459761 | A18-01461 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 18 | 459762 | A18-01461 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 459763 | A18-01461 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 459764 | A18-01461 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 459766 | A18-01461 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 459767 | A18-01461 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 459768 | A18-01461 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 459769 | A18-01461 | 3.95 | 10 | - | - | - | - | - | 0.01 |
| 27 | 28.5 | 459770 | A18-01461 | 3.85 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 459771 | A18-01461 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31.5 | 459772 | A18-01461 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 459773 | A18-01461 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34.5 | 459774 | A18-01461 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 34.5 | 36 | 459775 | A18-01461 | 3.65 | 11 | - | - | - | - | - | 0.01 |
| 36 | 37.5 | 459776 | A18-01461 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 37.5 | 39 | 459777 | A18-01461 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40.5 | 459779 | A18-01461 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 40.5 | 42 | 459780 | A18-01461 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.5 | 459781 | A18-01461 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 43.5 | 45 | 459782 | A18-01461 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46.5 | 459783 | A18-01461 | 3.75 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 46.5 | 48 | 459784 | A18-01461 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 48 | 49.5 | 459785 | A18-01461 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 459786 | A18-01461 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.5 | 459787 | A18-01461 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 52.5 | 54 | 459788 | A18-01461 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 459789 | A18-01461 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 55.5 | 57 | 459791 | A18-01461 | 4.27 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58.5 | 459792 | A18-01461 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 58.5 | 60 | 459793 | A18-01461 | 3.25 | 10 | - | - | - | - | - | 0.01 |
| 60 | 61.5 | 459794 | A18-01461 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 459795 | A18-01461 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 459796 | A18-01461 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 459797 | A18-01461 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 459798 | A18-01461 | 3.5 | 37 | - | - | - | - | - | 0.04 |
| 67.5 | 69 | 459799 | A18-01461 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 459800 | A18-01461 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 459801 | A18-01461 | 3.21 | 17 | - | - | - | - | - | 0.02 |
| 72 | 73.5 | 459802 | A18-01461 | 3.28 | 19 | - | - | - | - | - | 0.02 |
| 73.5 | 75 | 459804 | A18-01461 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 459805 | A18-01461 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 76.5 | 78 | 459806 | A18-01461 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 459807 | A18-01461 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 459808 | A18-01461 | 3.47 | 6 | - | - | - | - | - | 0.01 |
| 81 | 82.5 | 459809 | A18-01461 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 82.5 | 84 | 459810 | A18-01461 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 459811 | A18-01461 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 85.5 | 87 | 459812 | A18-01461 | 3.11 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 459813 | A18-01461 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 88.5 | 90 | 459814 | A18-01461 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 459816 | A18-01461 | 3.96 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 91.5 | 93 | 459817 | A18-01461 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94.5 | 459818 | A18-01461 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 94.5 | 96 | 459819 | A18-01461 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97.5 | 459820 | A18-01461 | 3.83 | 2.5 | - | - | - | - | - | < DL |
| 97.5 | 99 | 459821 | A18-01461 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.5 | 459822 | A18-01461 | 3.47 | 2.5 | - | - | - | - | - | < DL |
| 100.5 | 102 | 459823 | A18-01461 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 459824 | A18-01461 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 103.5 | 105 | 459825 | A18-01461 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106.5 | 459826 | A18-01461 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 106.5 | 108 | 459827 | A18-01461 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109.5 | 459829 | A18-01461 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 109.5 | 111 | 459830 | A18-01461 | 3.69 | 83 | - | - | - | - | - | 0.08 |
| 111 | 112.5 | 459831 | A18-01461 | 3.89 | 198 | - | - | - | - | - | 0.2 |
| 112.5 | 114 | 459832 | A18-01461 | 4.1 | 10 | - | - | - | - | - | 0.01 |
| 114 | 115.5 | 459833 | A18-01461 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 115.5 | 117 | 459834 | A18-01461 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118.5 | 459835 | A18-01461 | 3.51 | 11 | - | - | - | - | - | 0.01 |
| 118.5 | 120 | 459836 | A18-01461 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121.5 | 459837 | A18-01461 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 121.5 | 123 | 459838 | A18-01461 | 3.76 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124.5 | 459839 | A18-01461 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 124.5 | 126 | 459841 | A18-01461 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 459842 | A18-01461 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 127.5 | 129 | 459843 | A18-01461 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130.5 | 459844 | A18-01461 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 130.5 | 132 | 459845 | A18-01461 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133.5 | 459846 | A18-01461 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 133.5 | 135 | 459847 | A18-01461 | 3 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136.5 | 459848 | A18-01461 | 3.26 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 136.5 | 138 | 459849 | A18-01461 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.5 | 459850 | A18-01461 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 139.5 | 141 | 459851 | A18-01461 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142.5 | 459852 | A18-01461 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 142.5 | 144 | 459854 | A18-01461 | 3.25 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 459855 | A18-01461 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 145.5 | 147 | 459856 | A18-01461 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148.5 | 459857 | A18-01461 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 148.5 | 150 | 459858 | A18-01461 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151.5 | 459859 | A18-01461 | 3.36 | 14 | - | - | - | - | - | 0.01 |
| 151.5 | 153 | 459860 | A18-01461 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154.5 | 459861 | A18-01461 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 459862 | A18-01461 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157.5 | 459863 | A18-01461 | 3.09 | 2.5 | - | - | - | - | - | < DL |
| 157.5 | 159 | 459864 | A18-01461 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 459866 | A18-01461 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 160.5 | 162 | 459867 | A18-01461 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163.5 | 459868 | A18-01461 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 163.5 | 165 | 459869 | A18-01461 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 459870 | A18-01461 | 3.09 | 2.5 | - | - | - | - | - | < DL |
| 166.5 | 168 | 459871 | A18-01461 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169.5 | 459872 | A18-01461 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 169.5 | 171 | 459873 | A18-01461 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172.5 | 459874 | A18-01461 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 172.5 | 174 | 459875 | A18-01461 | 3.04 | 14 | - | - | - | - | - | 0.01 |
| 174 | 175.5 | 459876 | A18-01461 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 175.5 | 177 | 459877 | A18-01461 | 3.83 | 10 | - | - | - | - | - | 0.01 |
| 177 | 178.5 | 459879 | A18-01461 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 178.5 | 180 | 459880 | A18-01461 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181.5 | 459881 | A18-01461 | 3.13 | 6 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 181.5 | 183 | 459882 | A18-01461 | 3.23 | 5 | - | - | - | - | - | 0.01 |
| 183 | 184.5 | 459883 | A18-01461 | 3.24 | 22 | - | - | - | - | - | 0.02 |
| 184.5 | 186 | 459884 | A18-01461 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 459885 | A18-01461 | 4.23 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 459886 | A18-01461 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 459887 | A18-01461 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 192 | 459888 | A18-01461 | 3.24 | 6 | - | - | - | - | - | 0.01 |
| 192 | 193.5 | 459889 | A18-01461 | 3.36 | 32 | - | - | - | - | - | 0.03 |
| 193.5 | 195 | 459891 | A18-01461 | 3.79 | 90 | - | - | - | - | - | 0.09 |
| 195 | 196.5 | 459892 | A18-01461 | 3.86 | 30 | - | - | - | - | - | 0.03 |
| 196.5 | 198 | 459893 | A18-01461 | 3.11 | 12 | - | - | - | - | - | 0.01 |
| 198 | 199.5 | 459894 | A18-01461 | 3.37 | 33 | - | - | - | - | - | 0.03 |
| 199.5 | 201 | 459895 | A18-01461 | 3.01 | 24 | - | - | - | - | - | 0.02 |
| 201 | 202.5 | 459896 | A18-01461 | 2.93 | 16 | - | - | - | - | - | 0.02 |
| 202.5 | 204 | 459897 | A18-01461 | 3.13 | 33 | - | - | - | - | - | 0.03 |
| 204 | 205.5 | 459898 | A18-01461 | 2.96 | 52 | - | - | - | - | - | 0.05 |
| 205.5 | 207 | 459899 | A18-01461 | 3.22 | 63 | - | - | - | - | - | 0.06 |
| 207 | 208.5 | 459900 | A18-01461 | 3.41 | 28 | - | - | - | - | - | 0.03 |
| 208.5 | 210 | 459901 | A18-01461 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211.5 | 459902 | A18-01461 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 211.5 | 213 | 459904 | A18-01461 | 3.81 | 15 | - | - | - | - | - | 0.02 |
| 213 | 214.5 | 459905 | A18-01461 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 214.5 | 216 | 459906 | A18-01461 | 3.33 | 9 | - | - | - | - | - | 0.01 |
| 216 | 217.5 | 459907 | A18-01461 | 3.69 | 26 | - | - | - | - | - | 0.03 |
| 217.5 | 219 | 459908 | A18-01461 | 3.72 | 18 | - | - | - | - | - | 0.02 |
| 219 | 220.5 | 459909 | A18-01461 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 220.5 | 222 | 459910 | A18-01461 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223.5 | 459911 | A18-01461 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 459912 | A18-01461 | 3.78 | 14 | - | - | - | - | - | 0.01 |
| 225 | 226.5 | 459913 | A18-01461 | 3.85 | 166 | - | - | - | - | - | 0.17 |

Drill Hole Report

Hole Number : CD17-010
 Project : Cote Gold

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|-------|---|---------------|
| | | | | | | | MeshB | 100Mesh | Total | | |
| 226.5 | 228 | 459914 | A18-01461 | 3.86 | 30 | - | - | - | - | - | 0.03 |
| 228 | 229.5 | 459916 | A18-01461 | 3.8 | 12 | - | - | - | - | - | 0.01 |
| 229.5 | 231 | 459917 | A18-01461 | 3.36 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

0 2 OV Overburden

Sample From To Best Au (ppm)

2 6.05 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|------|------|-------|-------|---------------|------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 2 | 6.05 | CB | PV | 3 | 2 | 6.05 | PY | DIS | 0.05 | 459751 | 2 | 3.5 | <0.005 |
| 2 | 6.05 | CL | SEL | 1 | | | | | | 459752 | 3.5 | 5 | <0.005 |
| 2 | 6.05 | SI | SPV | 4 | | | | | | 459754 | 5 | 6 | <0.005 |
| 2 | 6.05 | SR | PV | 4 | | | | | | | | | |

6.05 9.26 QDR Quartz diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|------|------|-------|-------|---------------|------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 6.05 | 9.26 | CB | PV | 3 | 6.05 | 9.26 | PY | DIS | 0.05 | 459755 | 6 | 7.5 | <0.005 |
| 6.05 | 9.26 | CL | SEL | 5 | | | | | | 459756 | 7.5 | 9 | <0.005 |
| 6.05 | 9.26 | SI | SPV | 3 | | | | | | | | | |

9.26 17.82 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------------------|--------|-----------|----------------------------------------------------------------------------|--------|-------|--------------------------|------|-------|-------|--------|---------------|------|---------------|---------------|--|
| 9.26 | 17.82 | CB | PV | 3 | 9.26 | 14.15 | PY | DIS | 0.05 | 459757 | 9 | 10.5 | <0.005 | | |
| 9.26 | 17.82 | CL | SEL | 1 | 16.22 | 17.82 | PY | DIS | 0.05 | 459758 | 10.5 | 12 | <0.005 | | |
| 9.26 | 17.82 | SI | SPV | 4 | | | | | | 459759 | 12 | 13.5 | <0.005 | | |
| 9.26 | 17.82 | SR | PV | 4 | | | | | | 459760 | 13.5 | 15 | <0.005 | | |
| | | | | | | | | | | 459761 | 15 | 16.5 | <0.005 | | |
| 17.82 | 18.95 | DIA | Diabase | | | | | | | | | | | | |
| | | | | | | | | | | | Sample | From | To | Best Au (ppm) | |
| | | | | | | | | | | | 459762 | 16.5 | 18 | <0.005 | |
| 18.95 | 31.2 | QDR | Quartz diorite magnetic with 2-3% Magnetite grains and locally up to 5% | | | | | | | | | | | | |
| Alteration Intervals | | | | | | Mineralization Intervals | | | | | Assay Results | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | | |
| 18.95 | 23.7 | CB | PV | 3 | 18.95 | 23.7 | PY | DIS | 0.05 | 459763 | 18 | 19.5 | <0.005 | | |
| 18.95 | 23.7 | CL | SEL | 3 | | | | | | 459764 | 19.5 | 21 | <0.005 | | |
| 18.95 | 23.7 | SI | SPV | 3 | | | | | | 459766 | 21 | 22.5 | <0.005 | | |
| 23.7 | 30.05 | CB | PV | 5 | | | | | | 459767 | 22.5 | 24 | <0.005 | | |
| 23.7 | 30.05 | CL | SEL | 3 | | | | | | 459768 | 24 | 25.5 | <0.005 | | |
| 23.7 | 30.05 | SI | SPV | 3 | | | | | | 459769 | 25.5 | 27 | 0.01 | | |
| 30.05 | 31.2 | CB | PV | 3 | | | | | | 459770 | 27 | 28.5 | <0.005 | | |
| 30.05 | 31.2 | CL | SEL | 3 | | | | | | 459771 | 28.5 | 30 | <0.005 | | |
| 30.05 | 31.2 | HM | SEL | 2 | | | | | | | | | | | |
| 30.05 | 31.2 | SI | SPV | 3 | | | | | | | | | | | |
| 31.2 | 45.43 | Ton | Tonalite fractured and chloritisation spv | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
|----------|--------|----------------------|----------------------------------------------------------------------------|------|-------|--------------------------|------|----|------|-------|---------------|--------|------|---------------|---------------|--|
| | | Alteration Intervals | | | | | | | | | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 31.2 | 32.5 | CL | SEL | 5 | | | | | | 459772 | 30 | 31.5 | <0.005 | |
| | | 31.2 | 32.5 | HM | SEL | 2 | | | | | | 459773 | 31.5 | 33 | <0.005 | |
| | | 31.2 | 32.5 | SI | SPV | 3 | | | | | | 459774 | 33 | 34.5 | <0.005 | |
| | | 31.2 | 32.5 | SR | SPV | 3 | | | | | | 459775 | 34.5 | 36 | 0.01 | |
| | | 32.5 | 38.4 | CL | SEL | 5 | | | | | | 459776 | 36 | 37.5 | <0.005 | |
| | | 32.5 | 38.4 | HM | SEL | 5 | | | | | | 459777 | 37.5 | 39 | <0.005 | |
| | | 32.5 | 38.4 | SI | SPV | 3 | | | | | | 459779 | 39 | 40.5 | <0.005 | |
| | | 32.5 | 38.4 | SR | SPV | 3 | | | | | | 459780 | 40.5 | 42 | <0.005 | |
| | | 38.4 | 45.43 | CL | SEL | 4 | | | | | | 459781 | 42 | 43.5 | <0.005 | |
| | | 38.4 | 45.43 | HM | SEL | 2 | | | | | | 459782 | 43.5 | 45 | <0.005 | |
| | | 38.4 | 45.43 | SI | SPV | 3 | | | | | | | | | | |
| | | 38.4 | 45.43 | SR | SPV | 4 | | | | | | | | | | |
| 45.43 | 47.5 | QDR | Quartz diorite magnetic with 2-3% Magnetite grains and locally up to 5% | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 45.43 | 47.05 | CB | PV | 5 | | | | | | 459783 | 45 | 46.5 | <0.005 | |
| | | 45.43 | 47.05 | CL | SEL | 3 | | | | | | | | | | |
| | | 45.43 | 47.05 | SI | SPV | 3 | | | | | | | | | | |
| | | 47.05 | 47.5 | CB | PV | 2 | | | | | | | | | | |
| | | 47.05 | 47.5 | CL | SEL | 4 | | | | | | | | | | |
| | | 47.05 | 47.5 | SI | SPV | 3 | | | | | | | | | | |
| 47.5 | 48.8 | DIA | Diabase | | | | | | | | | | | | | |
| | | | | | | | | | | | | Sample | From | To | Best Au (ppm) | |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------------|
| | | 459784 46.5 48 <0.005 |

48.8 90 QDR Quartz diorite
or hydrothermal breccia from 56.6-67.4m (?)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 48.8 | 56.6 | CB | PV | 5 | 64.6 | 66.88 | PY | DIS | 1 | 459785 | 48 | 49.5 | <0.005 |
| 48.8 | 56.6 | CL | SEL | 4 | 66.88 | 67.08 | CPY | STR | 2 | 459786 | 49.5 | 51 | <0.005 |
| 48.8 | 56.6 | EP | SEL | 5 | 67.08 | 68.8 | PY | DIS | 0.05 | 459787 | 51 | 52.5 | <0.005 |
| 48.8 | 56.6 | SI | SPV | 3 | | | | | | 459788 | 52.5 | 54 | <0.005 |
| 56.6 | 57.4 | CB | PV | 3 | | | | | | 459789 | 54 | 55.5 | <0.005 |
| 56.6 | 57.4 | CL | PV | 5 | | | | | | 459791 | 55.5 | 57 | <0.005 |
| 56.6 | 57.4 | SI | SPV | 3 | | | | | | 459792 | 57 | 58.5 | <0.005 |
| 57.4 | 68.8 | CB | PV | 5 | | | | | | 459793 | 58.5 | 60 | 0.01 |
| 57.4 | 68.8 | CL | SEL | 4 | | | | | | 459794 | 60 | 61.5 | <0.005 |
| 57.4 | 68.8 | EP | SEL | 5 | | | | | | 459795 | 61.5 | 63 | <0.005 |
| 57.4 | 68.8 | SI | SPV | 3 | | | | | | 459796 | 63 | 64.5 | <0.005 |
| | | | | | | | | | | 459797 | 64.5 | 66 | <0.005 |
| | | | | | | | | | | 459798 | 66 | 67.5 | 0.04 |
| | | | | | | | | | | 459799 | 67.5 | 69 | <0.005 |
| | | | | | | | | | | 459800 | 69 | 70.5 | <0.005 |
| | | | | | | | | | | 459801 | 70.5 | 72 | 0.02 |
| | | | | | | | | | | 459802 | 72 | 73.5 | 0.02 |
| | | | | | | | | | | 459804 | 73.5 | 75 | <0.005 |
| | | | | | | | | | | 459805 | 75 | 76.5 | <0.005 |
| | | | | | | | | | | 459806 | 76.5 | 78 | <0.005 |
| | | | | | | | | | | 459807 | 78 | 79.5 | <0.005 |
| | | | | | | | | | | 459808 | 79.5 | 81 | 0.01 |
| | | | | | | | | | | 459809 | 81 | 82.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------|--------|----------------------|------------------|--------|--------------------------|--------|------|---------------|-------|---------------|------|------|--------|
| | | 459810 | 82.5 | 84 | <0.005 | | | | | | | | |
| | | 459811 | 84 | 85.5 | <0.005 | | | | | | | | |
| | | 459812 | 85.5 | 87 | <0.005 | | | | | | | | |
| | | 459813 | 87 | 88.5 | <0.005 | | | | | | | | |
| | | 459814 | 88.5 | 90 | <0.005 | | | | | | | | |
| 90 | 92.53 | Ton | Tonalite | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 90 | 92.53 | CB | PV | 1 | 90 | 92.53 | PY | STR | 1 | 459816 | 90 | 91.5 | <0.005 |
| 90 | 92.53 | HM | SEL | 3 | | | | | | | | | |
| 90 | 92.53 | SI | SPV | 3 | | | | | | | | | |
| 90 | 92.53 | SR | PV | 5 | | | | | | | | | |
| 92.53 | 94.05 | LamDk | Lamprophyre Dyke | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 92.53 | 94.05 | | | | 92.53 | 94.05 | PY | DIS | 2 | 459817 | 91.5 | 93 | <0.005 |
| 94.05 | 109.95 | Ton | Tonalite | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 94.05 | 103.6 | CB | PV | 1 | 94.05 | 98.57 | PY | DIS | 0.05 | 459818 | 93 | 94.5 | <0.005 |
| 94.05 | 103.6 | CL | SEL | 3 | 98.57 | 98.7 | PY | DIS | 5 | 459819 | 94.5 | 96 | <0.005 |
| 94.05 | 103.6 | HM | SPV | 3 | 98.7 | 109.95 | PY | DIS | 0.05 | 459820 | 96 | 97.5 | <0.005 |
| 94.05 | 103.6 | SI | SPV | 3 | | | | | | 459821 | 97.5 | 99 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 94.05 | 103.6 | SR | PV | 5 | 459822 | 99 | 100.5 | <0.005 | |
| 103.6 | 108.08 | CB | PV | 2 | 459823 | 100.5 | 102 | <0.005 | |
| 103.6 | 108.08 | CL | SEL | 4 | 459824 | 102 | 103.5 | <0.005 | |
| 103.6 | 108.08 | HM | SPV | 1 | 459825 | 103.5 | 105 | <0.005 | |
| 103.6 | 108.08 | SI | SPV | 3 | 459826 | 105 | 106.5 | <0.005 | |
| 103.6 | 108.08 | SR | PV | 5 | 459827 | 106.5 | 108 | <0.005 | |
| 108.08 | 109.95 | CB | PV | 2 | 459829 | 108 | 109.5 | <0.005 | |
| 108.08 | 109.95 | CL | SPV | 5 | | | | | |
| 108.08 | 109.95 | HM | SEL | 1 | | | | | |
| 108.08 | 109.95 | SI | SPV | 3 | | | | | |
| 108.08 | 109.95 | SR | PV | 3 | | | | | |

109.95 113.9 DIA Diabase

| Sample | From | To | Best Au (ppm) |
|--------|-------|-------|---------------|
| 459830 | 109.5 | 111 | 0.08 |
| 459831 | 111 | 112.5 | 0.2 |

113.9 148.2 QDRBx Qtz Diorite Breccia

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 113.9 | 148.2 | CB | PV | 2 | 113.9 | 117 | PY | DIS | 1 | 459832 | 112.5 | 114 | 0.01 |
| 113.9 | 148.2 | CL | SEL | 5 | 117 | 148.2 | PY | DIS | 0.05 | 459833 | 114 | 115.5 | <0.005 |
| 113.9 | 148.2 | HM | SPV | 1 | | | | | | 459834 | 115.5 | 117 | <0.005 |
| 113.9 | 148.2 | LX | SEL | 2 | | | | | | 459835 | 117 | 118.5 | 0.01 |
| 113.9 | 148.2 | SI | SPV | 3 | | | | | | 459836 | 118.5 | 120 | <0.005 |
| 113.9 | 148.2 | SR | PV | 3 | | | | | | 459837 | 120 | 121.5 | <0.005 |
| | | | | | | | | | | 459838 | 121.5 | 123 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 459839 | 123 | 124.5 <0.005 |
| 459841 | 124.5 | 126 <0.005 |
| 459842 | 126 | 127.5 <0.005 |
| 459843 | 127.5 | 129 <0.005 |
| 459844 | 129 | 130.5 <0.005 |
| 459845 | 130.5 | 132 <0.005 |
| 459846 | 132 | 133.5 <0.005 |
| 459847 | 133.5 | 135 <0.005 |
| 459848 | 135 | 136.5 <0.005 |
| 459849 | 136.5 | 138 <0.005 |
| 459850 | 138 | 139.5 <0.005 |
| 459851 | 139.5 | 141 <0.005 |
| 459852 | 141 | 142.5 <0.005 |
| 459854 | 142.5 | 144 <0.005 |
| 459855 | 144 | 145.5 <0.005 |
| 459856 | 145.5 | 147 <0.005 |

148.2 150.15 MafDk Mafic Dyke

| Sample | From | To | Best Au (ppm) |
|--------|-------|-------|---------------|
| 459857 | 147 | 148.5 | <0.005 |
| 459858 | 148.5 | 150 | <0.005 |

150.15 153.07 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 150.15 | 153.07 | CB | PV | 2 | 151.82 | 153.07 | PY | STR | 1 | 459859 | 150 | 151.5 | 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|-----|---|--|--------|-------|-----|--------|--|
| 150.15 | 153.07 | CL | SEL | 5 | | 459860 | 151.5 | 153 | <0.005 | |
| 150.15 | 153.07 | HM | SEL | 1 | | | | | | |
| 150.15 | 153.07 | SI | SPV | 3 | | | | | | |
| 150.15 | 153.07 | SR | PV | 3 | | | | | | |

153.07 157.82 MafDk Mafic Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | | | | 153.07 | 157.82 | PY | DIS | 0.05 | 459861 | 153 | 154.5 | <0.005 |
| | | | | | | | | | | 459862 | 154.5 | 156 | <0.005 |
| | | | | | | | | | | 459863 | 156 | 157.5 | <0.005 |

157.82 163.47 QDRBx Qtz Diorite Breccia

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 157.82 | 163.47 | CB | PV | 1 | 157.82 | 163.47 | PY | DIS | 0.05 | 459864 | 157.5 | 159 | <0.005 |
| 157.82 | 163.47 | CL | SEL | 5 | | | | | | 459866 | 159 | 160.5 | <0.005 |
| 157.82 | 163.47 | HM | SPV | 1 | | | | | | 459867 | 160.5 | 162 | <0.005 |
| 157.82 | 163.47 | LX | SEL | 2 | | | | | | | | | |
| 157.82 | 163.47 | SI | SPV | 2 | | | | | | | | | |
| 157.82 | 163.47 | SR | PV | 3 | | | | | | | | | |

163.47 166.13 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | | | | 163.47 | 166.13 | PY | DIS | 1 | 459868 | 162 | 163.5 | <0.005 |
| | | | | | | | | | | 459869 | 163.5 | 165 | <0.005 |

166.13 184.4 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 166.13 | 184.4 | CB | PV | 1 | 166.13 | 171.75 | PY | STR | 1 | 459870 | 165 | 166.5 | <0.005 |
| 166.13 | 184.4 | CL | SEL | 5 | 171.75 | 184.4 | PY | STR | 0.05 | 459871 | 166.5 | 168 | <0.005 |
| 166.13 | 184.4 | SI | SPV | 2 | | | | | | 459872 | 168 | 169.5 | <0.005 |
| 166.13 | 184.4 | SR | PV | 2 | | | | | | 459873 | 169.5 | 171 | <0.005 |
| | | | | | | | | | | 459874 | 171 | 172.5 | <0.005 |
| | | | | | | | | | | 459875 | 172.5 | 174 | 0.01 |
| | | | | | | | | | | 459876 | 174 | 175.5 | <0.005 |
| | | | | | | | | | | 459877 | 175.5 | 177 | 0.01 |
| | | | | | | | | | | 459879 | 177 | 178.5 | <0.005 |
| | | | | | | | | | | 459880 | 178.5 | 180 | <0.005 |
| | | | | | | | | | | 459881 | 180 | 181.5 | 0.01 |
| | | | | | | | | | | 459882 | 181.5 | 183 | 0.01 |

184.4 186.69 DIA Diabase

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 184.4 | 186.69 | CB | PV | 5 | 184.4 | 186.69 | PY | DIS | 0.05 | 459883 | 183 | 184.5 | 0.02 |
| | | | | | | | | | | 459884 | 184.5 | 186 | <0.005 |

186.69 208.15 Ton Tonalite

188.52-191.3 : strongly silicified pass; extremely silicified or felsic intrusive ?
; Alternance of broken intervals : corridor of deformation ?

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 186.69 | 208.15 | CB | PV | 3 | 186.69 | 193 | PY | STR | 0.05 | 459885 | 186 | 187.5 | <0.005 |
| 186.69 | 208.15 | SI | SPV | 5 | 193 | 208.15 | PY | STR | 1 | 459886 | 187.5 | 189 | <0.005 |
| 186.69 | 208.15 | SR | PV | 3 | | | | | | 459887 | 189 | 190.5 | <0.005 |
| | | | | | | | | | | 459888 | 190.5 | 192 | 0.01 |
| | | | | | | | | | | 459889 | 192 | 193.5 | 0.03 |
| | | | | | | | | | | 459891 | 193.5 | 195 | 0.09 |
| | | | | | | | | | | 459892 | 195 | 196.5 | 0.03 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|------------------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------|
| | | 459893 | 196.5 | 198 | 0.01 | | | | | | | | |
| | | 459894 | 198 | 199.5 | 0.03 | | | | | | | | |
| | | 459895 | 199.5 | 201 | 0.02 | | | | | | | | |
| | | 459896 | 201 | 202.5 | 0.02 | | | | | | | | |
| | | 459897 | 202.5 | 204 | 0.03 | | | | | | | | |
| | | 459898 | 204 | 205.5 | 0.05 | | | | | | | | |
| | | 459899 | 205.5 | 207 | 0.06 | | | | | | | | |
| 208.15 | 209 | DIA | Diabase | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | (ppm) |
| 208.15 | 209 | CB | PV | 5 | 208.15 | 209 | PY | DIS | 2 | 459900 | 207 | 208.5 | 0.03 |
| 209 | 221.68 | Ton | Tonalite | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | (ppm) |
| 209 | 212.65 | CB | PV | 4 | 209 | 221.68 | CPY | STR | 0.5 | 459901 | 208.5 | 210 | <0.005 |
| 209 | 212.65 | CL | SEL | 3 | 209 | 221.68 | PO | STR | 0.5 | 459902 | 210 | 211.5 | <0.005 |
| 209 | 212.65 | HM | SPV | 1 | 209 | 221.68 | PY | STR | 2 | 459904 | 211.5 | 213 | 0.02 |
| 209 | 212.65 | SI | SPV | 2 | | | | | | 459905 | 213 | 214.5 | <0.005 |
| 209 | 212.65 | SR | PV | 2 | | | | | | 459906 | 214.5 | 216 | 0.01 |
| 212.65 | 221.68 | CB | PV | 4 | | | | | | 459907 | 216 | 217.5 | 0.03 |
| 212.65 | 221.68 | LX | SEL | 2 | | | | | | 459908 | 217.5 | 219 | 0.02 |
| | | | | | | | | | | 459909 | 219 | 220.5 | <0.005 |
| 221.68 | 223.1 | LamDk | Lamprophyre Dyke | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
|----------|--------|----------------------|----------|--------|--------|--------------------------|------|-------|-------|--------|---------------|-------|--|---------------|--------|--|
| | | Alteration Intervals | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | |
| 221.68 | 223.1 | CB | PV | 5 | 221.68 | 223.1 | PY | DIS | 1 | 459910 | 220.5 | 222 | | | <0.005 | |
| 223.1 | 231 | Ton | Tonalite | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | |
| 223.1 | 228.05 | CB | PV | 3 | 223.1 | 228.5 | CPY | STR | 0.5 | 459911 | 222 | 223.5 | | | <0.005 | |
| 223.1 | 228.05 | CL | SEL | 5 | 223.1 | 228.5 | PO | STR | 0.5 | 459912 | 223.5 | 225 | | | 0.01 | |
| 223.1 | 228.05 | HM | SPV | 1 | 223.1 | 228.5 | PY | STR | 2 | 459913 | 225 | 226.5 | | | 0.17 | |
| 223.1 | 228.05 | SI | SPV | 2 | 228.5 | 231 | CPY | STR | 0.05 | 459914 | 226.5 | 228 | | | 0.03 | |
| 223.1 | 228.05 | SR | PV | 3 | 228.5 | 231 | PO | STR | 0.05 | 459916 | 228 | 229.5 | | | 0.01 | |
| 228.05 | 231 | CB | PV | 3 | 228.5 | 231 | PY | STR | 1 | 459917 | 229.5 | 231 | | | <0.005 | |
| 228.05 | 231 | CL | SEL | 3 | | | | | | | | | | | | |
| 228.05 | 231 | HM | SPV | 1 | | | | | | | | | | | | |
| 228.05 | 231 | SI | SPV | 2 | | | | | | | | | | | | |
| 228.05 | 231 | SR | PV | 3 | | | | | | | | | | | | |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 270 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 17-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 18-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 22-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 426404.32 | Hole : | SURFACE |
| North : | 5267165.64 | Zone : | 17 |
| Elevation: | 408.23 | NAD : | NAD83 |

Target :

Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 270 | -65 | TN14 | 90 | 269.1 | -65.5 | Reflex |
| 1 | 271.5 | -65.2 | Reflex | 93 | 269.7 | -65.5 | Reflex |
| 3 | 271.5 | -65.2 | Reflex | 96 | 269.4 | -65.5 | Reflex |
| 6 | 271.7 | -65.2 | Reflex | 99 | 269.2 | -65.5 | Reflex |
| 9 | 271.9 | -65.2 | Reflex | 102 | 268.8 | -65.5 | Reflex |
| 12 | 271.8 | -65.2 | Reflex | 105 | 269.3 | -65.5 | Reflex |
| 15 | 271.3 | -65.2 | Reflex | 108 | 270.1 | -65.2 | Reflex |
| 21 | 272.1 | -65.2 | Reflex | 111 | 269 | -65.6 | Reflex |
| 24 | 272.5 | -65.2 | Reflex | 117 | 268.5 | -65.8 | Reflex |
| 27 | 271.6 | -65.1 | Reflex | 120 | 267.7 | -65.6 | Reflex |
| 30 | 271.2 | -65.3 | Reflex | 123 | 269.1 | -65.7 | Reflex |
| 33 | 270.4 | -65.3 | Reflex | 126 | 268.8 | -65.7 | Reflex |
| 36 | 270.8 | -65.2 | Reflex | 129 | 268.7 | -65.7 | Reflex |
| 39 | 271 | -65.2 | Reflex | 132 | 269 | -65.8 | Reflex |
| 45 | 270.1 | -65.2 | Reflex | 135 | 269.3 | -65.8 | Reflex |
| 48 | 271.3 | -65.3 | Reflex | 138 | 268.2 | -65.8 | Reflex |
| 51 | 271.1 | -65.2 | Reflex | 144 | 269.1 | -65.7 | Reflex |
| 54 | 270.3 | -65.2 | Reflex | 147 | 269.7 | -65.7 | Reflex |
| 57 | 270.4 | -65.2 | Reflex | 156 | 270.2 | -65.7 | Reflex |
| 60 | 269.9 | -65.3 | Reflex | 162 | 270.2 | -65.9 | Reflex |
| 63 | 268.7 | -65.4 | Reflex | 165 | 269.7 | -65.8 | Reflex |
| 66 | 267.8 | -65.5 | Reflex | 168 | 269.2 | -65.8 | Reflex |
| 69 | 268.2 | -65.4 | Reflex | 171 | 269.1 | -65.9 | Reflex |
| 72 | 268.6 | -65.4 | Reflex | 177 | 269.8 | -65.8 | Reflex |
| 75 | 268.8 | -65.4 | Reflex | 180 | 268.1 | -65.9 | Reflex |
| 78 | 268.8 | -65.4 | Reflex | 183 | 269.1 | -65.9 | Reflex |
| 81 | 269.1 | -65.4 | Reflex | 186 | 270.2 | -65.9 | Reflex |
| 84 | 268.9 | -65.4 | Reflex | 189 | 269.5 | -65.9 | Reflex |
| 87 | 269.6 | -65.4 | Reflex | 192 | 268.8 | -65.9 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 195 | 267.9 | -66 | Reflex |
| 198 | 267.3 | -66 | Reflex |
| 201 | 267.1 | -65.9 | Reflex |
| 207 | 266.8 | -66 | Reflex |
| 210 | 267.1 | -66 | Reflex |
| 213 | 267.1 | -66 | Reflex |
| 216 | 267 | -66 | Reflex |
| 219 | 267.4 | -66 | Reflex |
| 222 | 268.1 | -66 | Reflex |
| 225 | 268.2 | -66 | Reflex |
| 228 | 267.6 | -66 | Reflex |
| 231 | 267.7 | -66 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 2.6 | 3.6 | 456624 | A18-03167 | 2.49 | 2.5 | - | - | - | - | - | < DL |
| 3.6 | 4.95 | 456625 | A18-03167 | 3.03 | 2.5 | - | - | - | - | - | < DL |
| 4.95 | 6 | 456626 | A18-03167 | 2.86 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7.5 | 456627 | A18-03167 | 4.02 | 2.5 | - | - | - | - | - | < DL |
| 7.5 | 9 | 456629 | A18-03167 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 9 | 9.5 | 456630 | A18-03167 | 1.28 | 2.5 | - | - | - | - | - | < DL |
| 9.5 | 11 | 456631 | A18-03167 | 3.15 | 2.5 | - | - | - | - | - | < DL |
| 11 | 12.5 | 456632 | A18-03167 | 3 | 2.5 | - | - | - | - | - | < DL |
| 12.5 | 14 | 456633 | A18-03167 | 3.76 | 2.5 | - | - | - | - | - | < DL |
| 14 | 15.5 | 456634 | A18-03167 | 4.32 | 2.5 | - | - | - | - | - | < DL |
| 15.5 | 17 | 456635 | A18-03167 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 17 | 18.5 | 456636 | A18-03167 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 18.5 | 20 | 456637 | A18-03167 | 3.62 | 7 | - | - | - | - | - | 0.01 |
| 20 | 21.5 | 456638 | A18-03167 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 21.5 | 23 | 456639 | A18-03167 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 23 | 24.5 | 456641 | A18-03167 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 24.5 | 26 | 456642 | A18-03167 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27.5 | 456643 | A18-03167 | 3.76 | 2.5 | - | - | - | - | - | < DL |
| 27.5 | 29 | 456644 | A18-03167 | 3.83 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30.5 | 456645 | A18-03167 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 30.5 | 32 | 456646 | A18-03167 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 32 | 33.5 | 456647 | A18-03167 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 33.5 | 35 | 456648 | A18-03167 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36.5 | 456649 | A18-03167 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 36.5 | 38 | 456650 | A18-03167 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 38 | 39.5 | 456651 | A18-03167 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 39.5 | 41 | 456652 | A18-03167 | 2.98 | 19 | - | - | - | - | - | 0.02 |
| 41 | 42.5 | 456654 | A18-03167 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 42.5 | 44 | 456655 | A18-03167 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 44 | 45.5 | 456656 | A18-03167 | 3.93 | 10 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 45.5 | 47 | 456657 | A18-03167 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 47 | 47.5 | 456658 | A18-03167 | 1.05 | 2.5 | - | - | - | - | - | < DL |
| 47.5 | 49 | 456659 | A18-03167 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 49 | 49.5 | 456660 | A18-03167 | 1.1 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 456661 | A18-03167 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.48 | 456662 | A18-03167 | 3.41 | 9 | - | - | - | - | - | 0.01 |
| 52.48 | 54 | 456663 | A18-03167 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 456664 | A18-03167 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 55.5 | 57 | 456666 | A18-03167 | 3.17 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58.5 | 456667 | A18-03167 | 3.3 | 10 | - | - | - | - | - | 0.01 |
| 58.5 | 60 | 456668 | A18-03167 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61.5 | 456669 | A18-03167 | 2.88 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 456670 | A18-03167 | 3.14 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 456671 | A18-03167 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 456672 | A18-03167 | 3.99 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 456673 | A18-03167 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 456674 | A18-03167 | 3.37 | 5 | - | - | - | - | - | 0.01 |
| 69 | 70.5 | 456675 | A18-03167 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 456676 | A18-03167 | 3.13 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73.5 | 456677 | A18-03167 | 3.07 | 5 | - | - | - | - | - | 0.01 |
| 73.5 | 75 | 456679 | A18-03167 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 456680 | A18-03167 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 76.5 | 78 | 456681 | A18-03167 | 4.34 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 456682 | A18-03167 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 456683 | A18-03167 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82.5 | 456684 | A18-03167 | 3.51 | 10 | - | - | - | - | - | 0.01 |
| 82.5 | 84 | 456685 | A18-03167 | 3.1 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 456686 | A18-03167 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 85.5 | 87 | 456687 | A18-03167 | 4.1 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 456688 | A18-03167 | 3.6 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 88.5 | 90 | 456689 | A18-03167 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 456691 | A18-03167 | 4.14 | 2.5 | - | - | - | - | - | < DL |
| 91.5 | 93 | 456692 | A18-03167 | 4.41 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94.5 | 456693 | A18-03167 | 4.48 | 2.5 | - | - | - | - | - | < DL |
| 94.5 | 96 | 456694 | A18-03167 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97.5 | 456695 | A18-03167 | 3.77 | 11 | - | - | - | - | - | 0.01 |
| 97.5 | 99 | 456696 | A18-03167 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.5 | 456697 | A18-03167 | 3.26 | 2.5 | - | - | - | - | - | < DL |
| 100.5 | 102 | 456698 | A18-03167 | 3.08 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 456699 | A18-03167 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 103.5 | 105 | 456700 | A18-03167 | 3.55 | 8 | - | - | - | - | - | 0.01 |
| 105 | 106.5 | 456901 | A18-03167 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 106.5 | 108 | 456902 | A18-03167 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109.5 | 456904 | A18-03167 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 109.5 | 111 | 456905 | A18-03167 | 3.38 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112.5 | 456906 | A18-03167 | 3.37 | 5 | - | - | - | - | - | 0.01 |
| 112.5 | 114 | 456907 | A18-03167 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115.5 | 456908 | A18-03167 | 3.16 | 2.5 | - | - | - | - | - | < DL |
| 115.5 | 117 | 456909 | A18-03167 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118.5 | 456910 | A18-03167 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 118.5 | 120 | 456911 | A18-03167 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121.5 | 456912 | A18-03167 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 121.5 | 123 | 456913 | A18-03167 | 2.86 | 7 | - | - | - | - | - | 0.01 |
| 123 | 124.5 | 456914 | A18-03167 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 124.5 | 126 | 456916 | A18-03167 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 456917 | A18-03167 | 4.59 | 22 | - | - | - | - | - | 0.02 |
| 127.5 | 129 | 456918 | A18-03167 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130.5 | 456919 | A18-03167 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 130.5 | 132 | 456920 | A18-03167 | 4.86 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133.5 | 456921 | A18-03167 | 2.55 | 7 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 133.5 | 135 | 456922 | A18-03167 | 2.48 | 8 | - | - | - | - | - | 0.01 |
| 135 | 136.5 | 456923 | A18-03167 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 136.5 | 138 | 456924 | A18-03167 | 3.01 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.5 | 456925 | A18-03167 | 2.75 | 2.5 | - | - | - | - | - | < DL |
| 139.5 | 141 | 456926 | A18-03167 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142.5 | 456927 | A18-03167 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 142.5 | 144 | 456929 | A18-03167 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 456930 | A18-03167 | 2.82 | 2.5 | - | - | - | - | - | < DL |
| 145.5 | 147 | 456931 | A18-03167 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148.5 | 456932 | A18-03167 | 3.35 | 5 | - | - | - | - | - | 0.01 |
| 148.5 | 150 | 456933 | A18-03167 | 3.43 | 52 | - | - | - | - | - | 0.05 |
| 150 | 151.5 | 456934 | A18-03167 | 3.4 | 8 | - | - | - | - | - | 0.01 |
| 151.5 | 153 | 456935 | A18-03167 | 3.21 | 19 | - | - | - | - | - | 0.02 |
| 153 | 154.5 | 456936 | A18-03167 | 4.02 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 456937 | A18-03167 | 4.09 | 10 | - | - | - | - | - | 0.01 |
| 156 | 157.5 | 456938 | A18-03167 | 3.51 | 8 | - | - | - | - | - | 0.01 |
| 157.5 | 159 | 456939 | A18-03167 | 4.35 | 7 | - | - | - | - | - | 0.01 |
| 159 | 160.5 | 456941 | A18-03167 | 4.03 | 7 | - | - | - | - | - | 0.01 |
| 160.5 | 162 | 456942 | A18-03167 | 4.24 | 7 | - | - | - | - | - | 0.01 |
| 162 | 163.5 | 456943 | A18-03167 | 4.57 | 14 | - | - | - | - | - | 0.01 |
| 163.5 | 165 | 456944 | A18-03167 | 4.25 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 456945 | A18-03167 | 4.04 | 5 | - | - | - | - | - | 0.01 |
| 166.5 | 168 | 456946 | A18-03167 | 4.01 | 5 | - | - | - | - | - | 0.01 |
| 168 | 169.5 | 456947 | A18-03167 | 3.94 | 7 | - | - | - | - | - | 0.01 |
| 169.5 | 171 | 456948 | A18-03167 | 4.06 | 10 | - | - | - | - | - | 0.01 |
| 171 | 172.5 | 456949 | A18-03167 | 3.55 | 71 | - | - | - | - | - | 0.07 |
| 172.5 | 174 | 456950 | A18-03167 | 3.49 | 11 | - | - | - | - | - | 0.01 |
| 174 | 175.5 | 456951 | A18-03167 | 3.44 | 14 | - | - | - | - | - | 0.01 |
| 175.5 | 177 | 456952 | A18-03167 | 3.88 | 6 | - | - | - | - | - | 0.01 |
| 177 | 178.5 | 456954 | A18-03167 | 4.07 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 178.5 | 180 | 456955 | A18-03167 | 4.4 | 38 | - | - | - | - | - | 0.04 |
| 180 | 181.5 | 456956 | A18-03167 | 4.49 | 6 | - | - | - | - | - | 0.01 |
| 181.5 | 183 | 456957 | A18-03167 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 456958 | A18-03167 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 185.48 | 456959 | A18-03167 | 2.7 | 2.5 | - | - | - | - | - | < DL |
| 185.48 | 187 | 456960 | A18-03167 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 187 | 187.5 | 456961 | A18-03167 | 1.05 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 456962 | A18-03167 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 456963 | A18-03167 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 192 | 456964 | A18-03167 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193.5 | 456966 | A18-03167 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 193.5 | 195 | 456967 | A18-03167 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.5 | 456968 | A18-03167 | 3.83 | 2.5 | - | - | - | - | - | < DL |
| 196.5 | 198 | 456969 | A18-03167 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 456970 | A18-03167 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 456971 | A18-03167 | 2.91 | 349 | - | - | - | - | - | 0.35 |
| 201 | 202.5 | 456972 | A18-03167 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 456973 | A18-03167 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 456974 | A18-03167 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 456975 | A18-03167 | 3.85 | 5 | - | - | - | - | - | 0.01 |
| 207 | 208.5 | 456976 | A18-03167 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 456977 | A18-03167 | 2.37 | 48 | - | - | - | - | - | 0.05 |
| 210 | 211.5 | 456979 | A18-03167 | 3.83 | 7 | - | - | - | - | - | 0.01 |
| 211.5 | 212.5 | 456980 | A18-03167 | 2 | 9 | - | - | - | - | - | 0.01 |
| 212.5 | 214 | 456981 | A18-03167 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215.5 | 456982 | A18-03167 | 2.63 | 6 | - | - | - | - | - | 0.01 |
| 215.5 | 217 | 456983 | A18-03167 | 3.9 | 5 | - | - | - | - | - | 0.01 |
| 217 | 218.5 | 456984 | A18-03167 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 218.5 | 219.5 | 456985 | A18-03167 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 219.5 | 220.7 | 456986 | A18-03167 | 2.8 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 220.7 | 222.19 | 456987 | A18-03167 | 3.33 | 2.5 | - | - | - | - | - | < DL |
| 222.19 | 223.1 | 456988 | A18-03167 | 2.17 | 21 | - | - | - | - | - | 0.02 |
| 223.1 | 224 | 456989 | A18-03167 | 1.98 | 11 | - | - | - | - | - | 0.01 |
| 224 | 225.5 | 456991 | A18-03167 | 3.63 | 10 | - | - | - | - | - | 0.01 |
| 225.5 | 227 | 456992 | A18-03167 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228.5 | 456993 | A18-03167 | 3.96 | 5 | - | - | - | - | - | 0.01 |
| 228.5 | 230 | 456994 | A18-03167 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 456995 | A18-03167 | 2.23 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|------------------|--------|--------------------------|------|------------------|----------------------|-------|---------------|------------------|--------|--------------------------|-----|--------|--------|-----|---------------|--------|--|------------------|------|----|------|-------|--------|------|----|------|-------|-------|--------|------|----|------------------|------|------|----|----|---|------|------|----|-----|---|--------|------|---|--------|------|------|----|-----|---|--|--|--|--|--|--------|---|-----|--------|------|------|----|-----|---|--|--|--|--|--|--------|-----|---|--------|------|------|----|----|---|--|--|--|--|--|--------|---|-----|--------|------|------|----|----|---|--|--|--|--|--|--|--|--|--|
| 0 | 2.6 | OV | Overburden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sample</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Best Au (ppm)</th> </tr> </thead> </table> | | | | | | | | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.6 | 4.95 | LamDk | Lamprophyre Dyke | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 456624 | 2.6 | 3.6 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 456625 | 3.6 | 4.95 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | Ton magnetic | Tonalite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | CB | PV | 3 | 4.95 | 9.63 | PY | DIS | 1 | 456626 | 4.95 | 6 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | CL | SEL | 3 | | | | | | 456627 | 6 | 7.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | HM | SEL | 1 | | | | | | 456629 | 7.5 | 9 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | SI | PV | 2 | | | | | | 456630 | 9 | 9.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.95 | 9.63 | SR | PV | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.63 | 12.7 | MVOL foliated | Mafic volcanic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sample</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Best Au (ppm)</th> </tr> </thead> </table> | | | | | | | | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | Assay Results | | | | | | | | | | | |
|----------|--------|-----------------------------|--------------------|---------------|---------------------------------|--------|----------------------|------|----------------------|-------|-------|----------------------|------|------|----------------------|
| | | | | 456631 | <0.005 | | | | | | | | | | |
| | | | | 456632 | <0.005 | | | | | | | | | | |
| 12.7 | 13.56 | Ton magnetic | Tonalite | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | Assay Results | | Best Au (ppm) | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 12.7 | 13.56 | CB | PV | 3 | | | | | | | | | |
| | | 12.7 | 13.56 | CL | SEL | 2 | | | | | | | | | |
| | | 12.7 | 13.56 | HM | SEL | 1 | | | | | | | | | |
| | | 12.7 | 13.56 | SI | PV | 2 | | | | | | | | | |
| | | 12.7 | 13.56 | SR | PV | 2 | | | | | | | | | |
| 13.56 | 13.96 | QFP | Qtz Feldspar porph | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Best Au (ppm) |
| | | | | | | | | | | | | Sample | From | To | Best Au (ppm) |
| 13.96 | 71.9 | Ton magnetic | Tonalite | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | | Assay Results | | | Best Au (ppm) | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 13.96 | 16.06 | CB | PV | 3 | 13.96 | 71.9 | PY | DIS | 1 | 456633 | 12.5 | 14 | <0.005 |
| | | 13.96 | 16.06 | CL | SEL | 3 | | | | | | 456634 | 14 | 15.5 | <0.005 |
| | | 13.96 | 16.06 | HM | SEL | 1 | | | | | | 456635 | 15.5 | 17 | <0.005 |
| | | 13.96 | 16.06 | SI | PV | 2 | | | | | | 456636 | 17 | 18.5 | <0.005 |
| | | 13.96 | 16.06 | SR | PV | 2 | | | | | | 456637 | 18.5 | 20 | 0.01 |
| | | 16.06 | 22.05 | CB | PV | 3 | | | | | | 456638 | 20 | 21.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 16.06 | 22.05 | CL | SEL | 3 | 456639 | 21.5 | 23 | <0.005 | |
| 16.06 | 22.05 | HM | SEL | 2 | 456641 | 23 | 24.5 | <0.005 | |
| 16.06 | 22.05 | SI | PV | 2 | 456642 | 24.5 | 26 | <0.005 | |
| 16.06 | 22.05 | SR | PV | 2 | 456643 | 26 | 27.5 | <0.005 | |
| 22.05 | 28.93 | CB | PV | 3 | 456644 | 27.5 | 29 | <0.005 | |
| 22.05 | 28.93 | CL | SEL | 3 | 456645 | 29 | 30.5 | <0.005 | |
| 22.05 | 28.93 | HM | SEL | 1 | 456646 | 30.5 | 32 | <0.005 | |
| 22.05 | 28.93 | SI | PV | 2 | 456647 | 32 | 33.5 | <0.005 | |
| 22.05 | 28.93 | SR | PV | 3 | 456648 | 33.5 | 35 | <0.005 | |
| 28.93 | 31.92 | CB | PV | 2 | 456649 | 35 | 36.5 | <0.005 | |
| 28.93 | 31.92 | CL | SEL | 4 | 456650 | 36.5 | 38 | <0.005 | |
| 28.93 | 31.92 | SI | PV | 2 | 456651 | 38 | 39.5 | <0.005 | |
| 28.93 | 31.92 | SR | PV | 3 | 456652 | 39.5 | 41 | 0.02 | |
| 31.92 | 37.83 | CB | PV | 4 | 456654 | 41 | 42.5 | <0.005 | |
| 31.92 | 37.83 | CL | SEL | 4 | 456655 | 42.5 | 44 | <0.005 | |
| 31.92 | 37.83 | SI | PV | 2 | 456656 | 44 | 45.5 | 0.01 | |
| 31.92 | 37.83 | SR | PV | 3 | 456657 | 45.5 | 47 | <0.005 | |
| 37.83 | 39.74 | CB | PV | 5 | 456658 | 47 | 47.5 | <0.005 | |
| 37.83 | 39.74 | CL | SEL | 4 | 456659 | 47.5 | 49 | <0.005 | |
| 37.83 | 39.74 | SI | PV | 2 | 456660 | 49 | 49.5 | <0.005 | |
| 37.83 | 39.74 | SR | PV | 2 | 456661 | 49.5 | 51 | <0.005 | |
| 39.74 | 63.83 | CB | PV | 4 | 456662 | 51 | 52.48 | 0.01 | |
| 39.74 | 63.83 | CL | SEL | 4 | 456663 | 52.48 | 54 | <0.005 | |
| 39.74 | 63.83 | SI | PV | 2 | 456664 | 54 | 55.5 | <0.005 | |
| 39.74 | 63.83 | SR | PV | 2 | 456666 | 55.5 | 57 | <0.005 | |
| 63.83 | 68.95 | CB | PV | 4 | 456667 | 57 | 58.5 | 0.01 | |
| 63.83 | 68.95 | CL | SEL | 4 | 456668 | 58.5 | 60 | <0.005 | |
| 63.83 | 68.95 | HM | SEL | 1 | 456669 | 60 | 61.5 | <0.005 | |
| 63.83 | 68.95 | SI | PV | 2 | 456670 | 61.5 | 63 | <0.005 | |
| 63.83 | 68.95 | SR | PV | 2 | | | | | |
| 68.95 | 71.9 | CB | PV | 3 | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|----------------------|-----------------|--------------------|-------|--------|--------------------------|--------|------|-------|--------|---------------|------|------|---------------|--|
| | 68.95 | 71.9 | CL | SEL | 4 | | 456671 | 63 | 64.5 | <0.005 | | | | | |
| | 68.95 | 71.9 | HM | SEL | 2 | | 456672 | 64.5 | 66 | <0.005 | | | | | |
| | 68.95 | 71.9 | SI | PV | 2 | | 456673 | 66 | 67.5 | <0.005 | | | | | |
| | 68.95 | 71.9 | SR | PV | 2 | | 456674 | 67.5 | 69 | 0.01 | | | | | |
| | | | | | | | 456675 | 69 | 70.5 | <0.005 | | | | | |
| 71.9 | 72.07 | QFP foliated | Qtz Feldspar porph | | | | | | | | | | | | |
| | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | 71.9 | 72.07 | CB | PV | 4 | | | | | | 456676 | 70.5 | 72 | <0.005 | |
| 72.07 | 74.9 | Ton magnetic | Tonalite | | | | | | | | | | | | |
| | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | 72.07 | 74.9 | CB | PV | 2 | 72.07 | 74.9 | PY | DIS | 1 | 456677 | 72 | 73.5 | 0.01 | |
| | 72.07 | 74.9 | CL | SEL | 4 | | | | | | | | | | |
| | 72.07 | 74.9 | HM | SEL | 2 | | | | | | | | | | |
| | 72.07 | 74.9 | SI | PV | 2 | | | | | | | | | | |
| | 72.07 | 74.9 | SR | PV | 3 | | | | | | | | | | |
| 74.9 | 76.6 | QFP foliated | Qtz Feldspar porph | | | | | | | | | | | | |
| | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
| | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | 74.9 | 76.6 | CB | PV | 4 | | | | | | 456679 | 73.5 | 75 | <0.005 | |
| | 74.9 | 76.6 | HM | SEL | 1 | | | | | | 456680 | 75 | 76.5 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------------------|--------|-----------|-------------------|--------|------|--------------------------|------|-------|-------|--------|---------------|-------|--------|---------------|
| 76.6 | 118.84 | Ton | Tonalite magnetic | | | | | | | | | | | |
| Alteration Intervals | | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| 76.6 | 81.52 | CB | PV | 3 | | | | | | 456681 | 76.5 | 78 | <0.005 | |
| 76.6 | 81.52 | CL | SEL | 3 | | | | | | 456682 | 78 | 79.5 | <0.005 | |
| 76.6 | 81.52 | HM | SEL | 2 | | | | | | 456683 | 79.5 | 81 | <0.005 | |
| 76.6 | 81.52 | SI | PV | 2 | | | | | | 456684 | 81 | 82.5 | 0.01 | |
| 76.6 | 81.52 | SR | PV | 3 | | | | | | 456685 | 82.5 | 84 | <0.005 | |
| 81.52 | 92.84 | CB | PV | 3 | | | | | | 456686 | 84 | 85.5 | <0.005 | |
| 81.52 | 92.84 | CL | SEL | 4 | | | | | | 456687 | 85.5 | 87 | <0.005 | |
| 81.52 | 92.84 | SI | PV | 2 | | | | | | 456688 | 87 | 88.5 | <0.005 | |
| 81.52 | 92.84 | SR | PV | 3 | | | | | | 456689 | 88.5 | 90 | <0.005 | |
| 92.84 | 98.9 | CB | PV | 3 | | | | | | 456691 | 90 | 91.5 | <0.005 | |
| 92.84 | 98.9 | CL | SEL | 4 | | | | | | 456692 | 91.5 | 93 | <0.005 | |
| 92.84 | 98.9 | SI | PV | 2 | | | | | | 456693 | 93 | 94.5 | <0.005 | |
| 92.84 | 98.9 | SR | PV | 5 | | | | | | 456694 | 94.5 | 96 | <0.005 | |
| 98.9 | 104.04 | CB | PV | 4 | | | | | | 456695 | 96 | 97.5 | 0.01 | |
| 98.9 | 104.04 | CL | PV | 4 | | | | | | 456696 | 97.5 | 99 | <0.005 | |
| 98.9 | 104.04 | HM | SEL | 1 | | | | | | 456697 | 99 | 100.5 | <0.005 | |
| 98.9 | 104.04 | SI | PV | 2 | | | | | | 456698 | 100.5 | 102 | <0.005 | |
| 98.9 | 104.04 | SR | PV | 3 | | | | | | 456699 | 102 | 103.5 | <0.005 | |
| 104.04 | 118.84 | CB | PV | 4 | | | | | | 456700 | 103.5 | 105 | 0.01 | |
| 104.04 | 118.84 | CL | SEL | 4 | | | | | | 456901 | 105 | 106.5 | <0.005 | |
| 104.04 | 118.84 | SI | PV | 4 | | | | | | 456902 | 106.5 | 108 | <0.005 | |
| 104.04 | 118.84 | SR | PV | 3 | | | | | | 456904 | 108 | 109.5 | <0.005 | |
| | | | | | | | | | | 456905 | 109.5 | 111 | <0.005 | |
| | | | | | | | | | | 456906 | 111 | 112.5 | 0.01 | |
| | | | | | | | | | | 456907 | 112.5 | 114 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------------|--------------------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| | | 456908 | <0.005 | | | | | | | | | | |
| | | 456909 | <0.005 | | | | | | | | | | |
| | | 456910 | <0.005 | | | | | | | | | | |
| 118.84 | 119.6 | QFP foliated | Qtz Feldspar porph | | | | | | | | | | |
| | | Sample | Best Au (ppm) | | | | | | | | | | |
| | | From | To | | | | | | | | | | |
| 119.6 | 140.3 | Ton magnetic | Tonalite | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 119.6 | 121.95 | CB | PV | 3 | 119.6 | 140.3 | PO | STR | 0.05 | 456911 | 118.5 | 120 | <0.005 |
| 119.6 | 121.95 | CL | PV | 5 | 119.6 | 140.3 | PY | DIS | 1 | 456912 | 120 | 121.5 | <0.005 |
| 119.6 | 121.95 | HM | SEL | 1 | | | | | | 456913 | 121.5 | 123 | 0.01 |
| 119.6 | 121.95 | SI | PV | 2 | | | | | | 456914 | 123 | 124.5 | <0.005 |
| 121.95 | 134 | AB | PV | 3 | | | | | | 456916 | 124.5 | 126 | <0.005 |
| 121.95 | 134 | CL | SEL | 3 | | | | | | 456917 | 126 | 127.5 | 0.02 |
| 121.95 | 134 | SI | PV | 3 | | | | | | 456918 | 127.5 | 129 | <0.005 |
| 121.95 | 134 | SR | PV | 4 | | | | | | 456919 | 129 | 130.5 | <0.005 |
| 134 | 137 | CB | PV | 3 | | | | | | 456920 | 130.5 | 132 | <0.005 |
| 134 | 137 | CL | SEL | 3 | | | | | | 456921 | 132 | 133.5 | 0.01 |
| 134 | 137 | SI | PV | 2 | | | | | | 456922 | 133.5 | 135 | 0.01 |
| 134 | 137 | SR | PV | 2 | | | | | | 456923 | 135 | 136.5 | <0.005 |
| 137 | 140.3 | CB | PV | 3 | | | | | | 456924 | 136.5 | 138 | <0.005 |
| 137 | 140.3 | CL | SEL | 4 | | | | | | 456925 | 138 | 139.5 | <0.005 |
| 137 | 140.3 | SI | PV | 2 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|----|----|---|
| | 137 | 140.3 | SR | PV | 3 |

140.3 141.81 MafDk Mafic Dyke
 slightly deformed calcite stringers with blebby pyrite mineralization
 ; superior lithological contact alpha = 15 and beta = 300. inferior lithological contact alpha = 30 and beta = 330

| Sample | From | To | Best Au (ppm) |
|--------|-------|-----|---------------|
| 456926 | 139.5 | 141 | <0.005 |

141.81 151.86 Ton Tonalite
 locally weakly magnetic

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 141.81 | 143.46 | CB | PV | 5 | | | | | | 456927 | 141 | 142.5 | <0.005 |
| 141.81 | 143.46 | CL | SEL | 5 | | | | | | 456929 | 142.5 | 144 | <0.005 |
| 141.81 | 143.46 | SI | PV | 2 | | | | | | 456930 | 144 | 145.5 | <0.005 |
| 143.46 | 151.86 | CB | PV | 2 | | | | | | 456931 | 145.5 | 147 | <0.005 |
| 143.46 | 151.86 | CL | SEL | 4 | | | | | | 456932 | 147 | 148.5 | 0.01 |
| 143.46 | 151.86 | SI | PV | 2 | | | | | | 456933 | 148.5 | 150 | 0.05 |
| 143.46 | 151.86 | SR | PV | 4 | | | | | | 456934 | 150 | 151.5 | 0.01 |

151.86 185.48 DIA Diabase

| Sample | From | To | Best Au (ppm) |
|--------|-------|-------|---------------|
| 456935 | 151.5 | 153 | 0.02 |
| 456936 | 153 | 154.5 | <0.005 |
| 456937 | 154.5 | 156 | 0.01 |
| 456938 | 156 | 157.5 | 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|----------------------------|
| | | 456939 157.5 159 0.01 |
| | | 456941 159 160.5 0.01 |
| | | 456942 160.5 162 0.01 |
| | | 456943 162 163.5 0.01 |
| | | 456944 163.5 165 <0.005 |
| | | 456945 165 166.5 0.01 |
| | | 456946 166.5 168 0.01 |
| | | 456947 168 169.5 0.01 |
| | | 456948 169.5 171 0.01 |
| | | 456949 171 172.5 0.07 |
| | | 456950 172.5 174 0.01 |
| | | 456951 174 175.5 0.01 |
| | | 456952 175.5 177 0.01 |
| | | 456954 177 178.5 <0.005 |
| | | 456955 178.5 180 0.04 |
| | | 456956 180 181.5 0.01 |
| | | 456957 181.5 183 <0.005 |
| | | 456958 183 184.5 <0.005 |
| | | 456959 184.5 185.48 <0.005 |

185.48 220.7 Ton Tonalite

chalcopyrite-structurally-controlled. Pyrite-matrix controlled locally, but mostly appear as structurally-controlled.

; 198.50m - few 0.2cm calcite stringers with chalcopyrite along vein margins.

; 192.75m - locally pervasive (5) epidote alteration

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 185.48 | 220.7 | CB | PV | 3 | 185.48 | 220.7 | CPY | STR | 1 | 456960 | 185.48 | 187 | <0.005 |
| 185.48 | 220.7 | CL | SEL | 4 | 185.48 | 220.7 | PY | MTX | 1 | 456961 | 187 | 187.5 | <0.005 |
| 185.48 | 220.7 | EP | SEL | 1 | | | | | | 456962 | 187.5 | 189 | <0.005 |
| 185.48 | 220.7 | SI | PV | 2 | | | | | | 456963 | 189 | 190.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----|---|--------|-------|-------|--------|--|
| 185.48 | 220.7 | SR | PV | 3 | 456964 | 190.5 | 192 | <0.005 | |
| | | | | | 456966 | 192 | 193.5 | <0.005 | |
| | | | | | 456967 | 193.5 | 195 | <0.005 | |
| | | | | | 456968 | 195 | 196.5 | <0.005 | |
| | | | | | 456969 | 196.5 | 198 | <0.005 | |
| | | | | | 456970 | 198 | 199.5 | <0.005 | |
| | | | | | 456971 | 199.5 | 201 | 0.35 | |
| | | | | | 456972 | 201 | 202.5 | <0.005 | |
| | | | | | 456973 | 202.5 | 204 | <0.005 | |
| | | | | | 456974 | 204 | 205.5 | <0.005 | |
| | | | | | 456975 | 205.5 | 207 | 0.01 | |
| | | | | | 456976 | 207 | 208.5 | <0.005 | |
| | | | | | 456977 | 208.5 | 210 | 0.05 | |
| | | | | | 456979 | 210 | 211.5 | 0.01 | |
| | | | | | 456980 | 211.5 | 212.5 | 0.01 | |
| | | | | | 456981 | 212.5 | 214 | <0.005 | |
| | | | | | 456982 | 214 | 215.5 | 0.01 | |
| | | | | | 456983 | 215.5 | 217 | 0.01 | |
| | | | | | 456984 | 217 | 218.5 | <0.005 | |
| | | | | | 456985 | 218.5 | 219.5 | <0.005 | |
| | | | | | 456986 | 219.5 | 220.7 | <0.005 | |

220.7 222.19 QFP Qtz Feldspar porph

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 220.7 | 222.19 | CL | SEL | 4 | | | | | | 456987 | 220.7 | 222.19 | <0.005 |
| 220.7 | 222.19 | SI | PV | 2 | | | | | | | | | |
| 220.7 | 222.19 | SR | PV | 3 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|----------|
| 222.19 | 223.1 | Ton | Tonalite |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 222.19 | 223.1 | CB | PV | 3 | 222.19 | 223.1 | CPY | DIS | 0.5 | 456988 | 222.19 | 223.1 | 0.02 |
| 222.19 | 223.1 | CL | SEL | 4 | 222.19 | 223.1 | PY | DIS | 1 | | | | |
| 222.19 | 223.1 | SI | PV | 2 | | | | | | | | | |
| 222.19 | 223.1 | SR | PV | 3 | | | | | | | | | |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 223.1 | 225 | CL | SEL | 4 | | | | | | 456989 | 223.1 | 224 | 0.01 |
| 223.1 | 225 | SR | PV | 3 | | | | | | 456991 | 224 | 225.5 | 0.01 |
| 225 | 231 | CL | SEL | 4 | | | | | | 456992 | 225.5 | 227 | <0.005 |
| 225 | 231 | HM | SEL | 5 | | | | | | 456993 | 227 | 228.5 | 0.01 |
| 225 | 231 | SR | PV | 3 | | | | | | 456994 | 228.5 | 230 | <0.005 |
| | | | | | | | | | | 456995 | 230 | 231 | <0.005 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 195 | Length : | 6.2 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 19-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 21-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 25-Nov-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427252.95 | Hole : | SURFACE |
| North : | 5267655.68 | Zone : | 17 |
| Elevation: | 397.07 | NAD : | NAD83 |

Target :

Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 195 | -65 | TN14 | 99 | 198.5 | -63.7 | Reflex |
| 12 | 197 | -64.2 | Reflex | 102 | 197.6 | -63.7 | Reflex |
| 15 | 196.8 | -64.2 | Reflex | 105 | 198.3 | -63.7 | Reflex |
| 18 | 198.1 | -64.1 | Reflex | 108 | 197.3 | -63.7 | Reflex |
| 21 | 197.7 | -64.1 | Reflex | 114 | 197.6 | -63.8 | Reflex |
| 24 | 198 | -64.2 | Reflex | 120 | 198.6 | -63.7 | Reflex |
| 27 | 198 | -64.1 | Reflex | 123 | 198.4 | -63.7 | Reflex |
| 30 | 197.8 | -64.1 | Reflex | 126 | 198.4 | -63.7 | Reflex |
| 33 | 198 | -64.1 | Reflex | 129 | 198.4 | -63.7 | Reflex |
| 36 | 198.1 | -64.1 | Reflex | 132 | 198.6 | -63.7 | Reflex |
| 39 | 198.2 | -64.1 | Reflex | 135 | 198.7 | -63.7 | Reflex |
| 42 | 198.3 | -64.1 | Reflex | 138 | 199.3 | -63.7 | Reflex |
| 45 | 198.8 | -64.1 | Reflex | 141 | 199 | -63.7 | Reflex |
| 48 | 198 | -64.1 | Reflex | 144 | 198.8 | -63.7 | Reflex |
| 51 | 198 | -64 | Reflex | 147 | 198.8 | -63.7 | Reflex |
| 54 | 198.1 | -64 | Reflex | 150 | 199 | -63.7 | Reflex |
| 57 | 198.2 | -63.9 | Reflex | 156 | 199.8 | -63.7 | Reflex |
| 60 | 197.9 | -64 | Reflex | 159 | 197.9 | -63.7 | Reflex |
| 63 | 198.1 | -63.9 | Reflex | 162 | 199 | -63.7 | Reflex |
| 66 | 198.2 | -63.9 | Reflex | 165 | 198.9 | -63.7 | Reflex |
| 69 | 198.4 | -63.8 | Reflex | 168 | 198.8 | -63.7 | Reflex |
| 72 | 198.8 | -63.8 | Reflex | 171 | 199.2 | -63.7 | Reflex |
| 75 | 199.6 | -63.8 | Reflex | 174 | 199.8 | -63.7 | Reflex |
| 78 | 199.2 | -63.8 | Reflex | 177 | 200.1 | -63.7 | Reflex |
| 81 | 199.1 | -63.8 | Reflex | 180 | 199.1 | -63.7 | Reflex |
| 84 | 199 | -63.8 | Reflex | 186 | 199.1 | -63.6 | Reflex |
| 87 | 198.3 | -63.7 | Reflex | 189 | 198.9 | -63.6 | Reflex |
| 93 | 198.2 | -63.8 | Reflex | 192 | 198.2 | -63.5 | Reflex |
| 96 | 198 | -63.7 | Reflex | 195 | 198.5 | -63.5 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 198 | 199.6 | -63.5 | Reflex |
| 201 | 199.5 | -63.5 | Reflex |
| 204 | 200.3 | -63.5 | Reflex |
| 207 | 199.9 | -63.5 | Reflex |
| 210 | 199.5 | -63.4 | Reflex |
| 213 | 199.9 | -63.4 | Reflex |
| 216 | 199.5 | -63.5 | Reflex |
| 219 | 199.9 | -63.4 | Reflex |
| 222 | 200.5 | -63.4 | Reflex |
| 225 | 200.3 | -63.4 | Reflex |
| 228 | 200.5 | -63.4 | Reflex |
| 231 | 201.3 | -63.4 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 5 | 6.5 | 460001 | A18-01462 | 3.12 | 2.5 | - | - | - | - | - | < DL |
| 6.5 | 8 | 460002 | A18-01462 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 8 | 8.79 | 460004 | A18-01462 | 1.96 | 2.5 | - | - | - | - | - | < DL |
| 8.79 | 10 | 460005 | A18-01462 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 10 | 11 | 460006 | A18-01462 | 2.37 | 5 | - | - | - | - | - | 0.01 |
| 11 | 12 | 460007 | A18-01462 | 2.59 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 460008 | A18-01462 | 4.01 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 460009 | A18-01462 | 4.28 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16.5 | 460010 | A18-01462 | 3.16 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 18 | 460011 | A18-01462 | 4.5 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 460012 | A18-01462 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 460013 | A18-01462 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 460014 | A18-01462 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 460016 | A18-01462 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 460017 | A18-01462 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 460018 | A18-01462 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 460019 | A18-01462 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 460020 | A18-01462 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31.5 | 460021 | A18-01462 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 460022 | A18-01462 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34.5 | 460023 | A18-01462 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 34.5 | 36 | 460024 | A18-01462 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37.5 | 460025 | A18-01462 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 37.5 | 39 | 460026 | A18-01462 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40.5 | 460027 | A18-01462 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 40.5 | 42 | 460029 | A18-01462 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.5 | 460030 | A18-01462 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 43.5 | 45 | 460031 | A18-01462 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 45 | 46.5 | 460032 | A18-01462 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 46.5 | 48 | 460033 | A18-01462 | 4.21 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 48 | 49.5 | 460034 | A18-01462 | 3.02 | 2.5 | - | - | - | - | - | < DL |
| 49.5 | 51 | 460035 | A18-01462 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.5 | 460036 | A18-01462 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 52.5 | 54 | 460037 | A18-01462 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 460038 | A18-01462 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 55.5 | 57 | 460039 | A18-01462 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58.5 | 460041 | A18-01462 | 4.05 | 6 | - | - | - | - | - | 0.01 |
| 58.5 | 60 | 460042 | A18-01462 | 4.1 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61.5 | 460043 | A18-01462 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 460044 | A18-01462 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 460045 | A18-01462 | 3.22 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 460046 | A18-01462 | 4.17 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 460047 | A18-01462 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 460048 | A18-01462 | 3.35 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 460049 | A18-01462 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 460050 | A18-01462 | 4.24 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73 | 460051 | A18-01462 | 2.53 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74 | 460052 | A18-01462 | 1.86 | 2.5 | - | - | - | - | - | < DL |
| 74 | 75.5 | 460054 | A18-01462 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 75.5 | 77 | 460055 | A18-01462 | 3.64 | 13 | - | - | - | - | - | 0.01 |
| 77 | 78.5 | 460056 | A18-01462 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 78.5 | 80 | 460057 | A18-01462 | 4.02 | 2.5 | - | - | - | - | - | < DL |
| 80 | 81.5 | 460058 | A18-01462 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 81.5 | 83 | 460059 | A18-01462 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 83 | 84.5 | 460060 | A18-01462 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 84.5 | 86 | 460061 | A18-01462 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 86 | 87 | 460062 | A18-01462 | 2.07 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 460063 | A18-01462 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 88.5 | 90 | 460064 | A18-01462 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 460066 | A18-01462 | 3.51 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 91.5 | 93.07 | 460067 | A18-01462 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 93.07 | 94.5 | 460068 | A18-01462 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 94.5 | 96 | 460069 | A18-01462 | 3.91 | 8 | - | - | - | - | - | 0.01 |
| 96 | 97.5 | 460070 | A18-01462 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 97.5 | 99 | 460071 | A18-01462 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.5 | 460072 | A18-01462 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 100.5 | 102 | 460073 | A18-01462 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 460074 | A18-01462 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 103.5 | 104.3 | 460075 | A18-01462 | 1.69 | 2.5 | - | - | - | - | - | < DL |
| 104.3 | 105.38 | 460076 | A18-01462 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 105.38 | 106.22 | 460077 | A18-01462 | 2.19 | 2.5 | - | - | - | - | - | < DL |
| 106.22 | 107.55 | 460079 | A18-01462 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 107.55 | 109 | 460080 | A18-01462 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110.16 | 460081 | A18-01462 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 110.16 | 111.15 | 460082 | A18-01462 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 111.15 | 112 | 460083 | A18-01462 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113.5 | 460084 | A18-01462 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 113.5 | 114.5 | 460085 | A18-01462 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 114.5 | 115.76 | 460086 | A18-01462 | 3.27 | 2.5 | - | - | - | - | - | < DL |
| 115.76 | 117 | 460087 | A18-01462 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118.5 | 460088 | A18-01462 | 3.96 | 5 | - | - | - | - | - | 0.01 |
| 118.5 | 120 | 460089 | A18-01462 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121.5 | 460091 | A18-01462 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 121.5 | 123 | 460092 | A18-01462 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124.2 | 460093 | A18-01462 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 124.2 | 125 | 460094 | A18-01462 | 1.99 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126.5 | 460095 | A18-01462 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 126.5 | 128 | 460096 | A18-01462 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 128 | 129.5 | 460097 | A18-01462 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 129.5 | 131 | 460098 | A18-01462 | 3.52 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 131 | 132.5 | 460099 | A18-01462 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 132.5 | 133.42 | 460100 | A18-01462 | 2.15 | 2.5 | - | - | - | - | - | < DL |
| 133.42 | 135 | 460101 | A18-01462 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136.5 | 460102 | A18-01462 | 4.06 | 2.5 | - | - | - | - | - | < DL |
| 136.5 | 138 | 460104 | A18-01462 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.5 | 460105 | A18-01462 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 139.5 | 141 | 460106 | A18-01462 | 4.1 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142 | 460107 | A18-01462 | 2.63 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143.5 | 460108 | A18-01462 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 143.5 | 145 | 460109 | A18-01462 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 145 | 146.5 | 460110 | A18-01462 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 146.5 | 148 | 460111 | A18-01462 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 148 | 149.5 | 460112 | A18-01462 | 3.46 | 2.5 | - | - | - | - | - | < DL |
| 149.5 | 151 | 460113 | A18-01462 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 151 | 152.5 | 460114 | A18-01462 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 152.5 | 154 | 460116 | A18-01462 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 154 | 154.5 | 460117 | A18-01462 | 1.28 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 460118 | A18-01462 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 460119 | A18-01462 | 2.27 | 2.5 | - | - | - | - | - | < DL |
| 157 | 157.24 | 460120 | A18-01462 | 2.11 | 2.5 | - | - | - | - | - | < DL |
| 157.24 | 159 | 460121 | A18-01462 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 460122 | A18-01462 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 160.5 | 162 | 460123 | A18-01462 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163.5 | 460124 | A18-01462 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 163.5 | 165 | 460125 | A18-01462 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 460126 | A18-01462 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 166.5 | 168 | 460129 | A18-01462 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 168 | 169.5 | 460130 | A18-01462 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 169.5 | 171 | 460131 | A18-01462 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172.5 | 460132 | A18-01462 | 3.47 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 172.5 | 174 | 460133 | A18-01462 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 174 | 175.5 | 460134 | A18-01462 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 175.5 | 177 | 460135 | A18-01462 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178.5 | 460136 | A18-01462 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 178.5 | 180 | 460137 | A18-01462 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 180 | 181.5 | 460138 | A18-01462 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 181.5 | 183 | 460139 | A18-01462 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 460141 | A18-01462 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 186 | 460142 | A18-01462 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 460143 | A18-01462 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 460144 | A18-01462 | 4.24 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 460145 | A18-01462 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 192 | 460146 | A18-01462 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 192 | 193.5 | 460147 | A18-01462 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 193.5 | 195 | 460148 | A18-01462 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.5 | 460149 | A18-01462 | 3.85 | 2.5 | - | - | - | - | - | < DL |
| 196.5 | 198 | 460150 | A18-01462 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 460151 | A18-01462 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 460152 | A18-01462 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 201 | 202.5 | 460154 | A18-01462 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 460155 | A18-01462 | 4.11 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 460156 | A18-01462 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 460157 | A18-01462 | 3.99 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208.5 | 460158 | A18-01462 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 460159 | A18-01462 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 460160 | A18-01462 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212.5 | 460161 | A18-01462 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 212.5 | 214 | 460162 | A18-01462 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215.5 | 460163 | A18-01462 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 215.5 | 216.4 | 460164 | A18-01462 | 2.43 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 216.4 | 218 | 460166 | A18-01462 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219.5 | 460167 | A18-01462 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 219.5 | 221 | 460168 | A18-01462 | 3.63 | 2.5 | - | - | - | - | - | < DL |
| 221 | 222.5 | 460169 | A18-01462 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 222.5 | 224 | 460170 | A18-01462 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 224 | 225.5 | 460171 | A18-01462 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 225.5 | 227 | 460172 | A18-01462 | 3.24 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228.5 | 460173 | A18-01462 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 228.5 | 229.6 | 460174 | A18-01462 | 2.7 | 23 | - | - | - | - | - | 0.02 |
| 229.6 | 230.31 | 460175 | A18-01462 | 1.81 | 395 | - | - | - | - | - | 0.4 |
| 230.31 | 231 | 460176 | A18-01462 | 1.68 | 45 | - | - | - | - | - | 0.05 |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|----------------------------------------------------------------------|------------------|--------|--------------------------|--------|---------------|---------------|---------------|-------|-------|--------|------|------|---------------|
| 0 | 5 | OV | Overburden | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | Sample | From | To | Best Au (ppm) | | | | | | | | |
| 5 | 8.79 | Ton | Tonalite | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | Best Au (ppm) | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 5 | 8.79 | AB | PV | 2 | | | | | | 460001 | 5 | 6.5 | <0.005 |
| | | 5 | 8.79 | CB | SEL | 1 | | | | | | 460002 | 6.5 | 8 | <0.005 |
| | | 5 | 8.79 | CL | SEL | 3 | | | | | | 460004 | 8 | 8.79 | <0.005 |
| | | 5 | 8.79 | HM | SEL | 1 | | | | | | | | | |
| | | 5 | 8.79 | SI | PV | 2 | | | | | | | | | |
| 8.79 | 12 | LamDk | Lamprophyre Dyke | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | Best Au (ppm) | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 8.79 | 12 | EP | SEL | 1 | 8.79 | 12 | PY | MTX | 0.05 | 460005 | 8.79 | 10 | <0.005 |
| | | | | | | | | | | | | 460006 | 10 | 11 | 0.01 |
| | | | | | | | | | | | | 460007 | 11 | 12 | <0.005 |
| 12 | 18.52 | DR | Diorite | | | | | | | | | | | | |
| | | looks like diorite in composition, but not a chester kind of diorite | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------|--------|-------------------------------------------|-------|----------|----------------------|--------|------|----|------|--------------------------|-------|--------|------|------|---------------|--------|--|---------------|
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | |
| | | 12 | 18.52 | CB | SEL | 4 | | | | | | 460008 | 12 | 13.5 | | <0.005 | | |
| | | 12 | 18.52 | CL | SEL | 4 | | | | | | 460009 | 13.5 | 15 | | <0.005 | | |
| | | 12 | 18.52 | EP | SEL | 5 | | | | | | 460010 | 15 | 16.5 | | <0.005 | | |
| | | | | | | | | | | | | 460011 | 16.5 | 18 | | <0.005 | | |
| 18.52 | 65.73 | Ton | | Tonalite | | | | | | | | | | | | | | |
| | | Rare diorite fragments | | | | | | | | | | | | | | | | |
| | | ; 42.70m Alteration Alpha=50 and Beta=220 | | | | | | | | | | | | | | | | |
| | | ; 51.86m Alteration Alpha=50 and Beta= 55 | | | | | | | | | | | | | | | | |
| | | 18.52 | 26.46 | AB | PV | 3 | | | | | | 460012 | 18 | 19.5 | | <0.005 | | |
| | | 18.52 | 26.46 | CB | SEL | 3 | | | | | | 460013 | 19.5 | 21 | | <0.005 | | |
| | | 18.52 | 26.46 | CL | SEL | 4 | | | | | | 460014 | 21 | 22.5 | | <0.005 | | |
| | | 18.52 | 26.46 | HM | SEL | 1 | | | | | | 460016 | 22.5 | 24 | | <0.005 | | |
| | | 18.52 | 26.46 | SI | PV | 3 | | | | | | 460017 | 24 | 25.5 | | <0.005 | | |
| | | 26.46 | 34.57 | AB | PV | 3 | | | | | | 460018 | 25.5 | 27 | | <0.005 | | |
| | | 26.46 | 34.57 | CB | SEL | 3 | | | | | | 460019 | 27 | 28.5 | | <0.005 | | |
| | | 26.46 | 34.57 | CL | SEL | 3 | | | | | | 460020 | 28.5 | 30 | | <0.005 | | |
| | | 26.46 | 34.57 | HM | SEL | 3 | | | | | | 460021 | 30 | 31.5 | | <0.005 | | |
| | | 26.46 | 34.57 | SI | PV | 3 | | | | | | 460022 | 31.5 | 33 | | <0.005 | | |
| | | 34.57 | 42.7 | AB | PV | 3 | | | | | | 460023 | 33 | 34.5 | | <0.005 | | |
| | | 34.57 | 42.7 | CB | SEL | 1 | | | | | | 460024 | 34.5 | 36 | | <0.005 | | |
| | | 34.57 | 42.7 | CL | SEL | 2 | | | | | | 460025 | 36 | 37.5 | | <0.005 | | |
| | | 34.57 | 42.7 | HM | SEL | 2 | | | | | | 460026 | 37.5 | 39 | | <0.005 | | |
| | | 34.57 | 42.7 | SI | PV | 3 | | | | | | 460027 | 39 | 40.5 | | <0.005 | | |
| | | 42.7 | 43.29 | CB | SEL | 5 | | | | | | 460029 | 40.5 | 42 | | <0.005 | | |
| | | 42.7 | 43.29 | CL | SEL | 5 | | | | | | 460030 | 42 | 43.5 | | <0.005 | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|------|------|--------|--|
| | 42.7 | 43.29 | SR | PV | 2 | | | | | |
| | 43.29 | 49.63 | AB | PV | 3 | 460031 | 43.5 | 45 | <0.005 | |
| | 43.29 | 49.63 | CB | SEL | 1 | 460032 | 45 | 46.5 | <0.005 | |
| | 43.29 | 49.63 | CL | SEL | 4 | 460033 | 46.5 | 48 | <0.005 | |
| | 43.29 | 49.63 | HM | SEL | 1 | 460034 | 48 | 49.5 | <0.005 | |
| | 43.29 | 49.63 | SI | PV | 3 | 460035 | 49.5 | 51 | <0.005 | |
| | 49.63 | 51.86 | AB | PV | 2 | 460036 | 51 | 52.5 | <0.005 | |
| | 49.63 | 51.86 | CB | SEL | 4 | 460037 | 52.5 | 54 | <0.005 | |
| | 49.63 | 51.86 | CL | SEL | 4 | 460038 | 54 | 55.5 | <0.005 | |
| | 49.63 | 51.86 | SI | PV | 2 | 460039 | 55.5 | 57 | <0.005 | |
| | 51.86 | 54.45 | AB | PV | 2 | 460041 | 57 | 58.5 | 0.01 | |
| | 51.86 | 54.45 | CB | SEL | 5 | 460042 | 58.5 | 60 | <0.005 | |
| | 51.86 | 54.45 | CL | SEL | 5 | 460043 | 60 | 61.5 | <0.005 | |
| | 51.86 | 54.45 | SI | PV | 2 | 460044 | 61.5 | 63 | <0.005 | |
| | 51.86 | 54.45 | SR | SPV | 1 | 460045 | 63 | 64.5 | <0.005 | |
| | 54.45 | 61.5 | AB | PV | 3 | | | | | |
| | 54.45 | 61.5 | CB | SEL | 2 | | | | | |
| | 54.45 | 61.5 | CL | SEL | 4 | | | | | |
| | 54.45 | 61.5 | SI | PV | 3 | | | | | |
| | 54.45 | 61.5 | SR | SPV | 4 | | | | | |
| | 61.5 | 65.73 | AB | PV | 3 | | | | | |
| | 61.5 | 65.73 | CL | SEL | 3 | | | | | |
| | 61.5 | 65.73 | HM | SEL | 4 | | | | | |
| | 61.5 | 65.73 | SI | PV | 3 | | | | | |

65.73 66.85 MafDk Mafic Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 65.73 | 66.85 | CB | PV | 4 | | | | | | 460046 | 64.5 | 66 | <0.005 |
| 65.73 | 66.85 | CL | SEL | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|------------------------------------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| 66.85 | 68.76 | Ton | Tonalite Rare diorite fragments | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 66.85 | 68.76 | AB | SPV | 3 | | | | | | 460047 | 66 | 67.5 | <0.005 |
| 66.85 | 68.76 | CB | SEL | 1 | | | | | | | | | |
| 66.85 | 68.76 | CL | SEL | 2 | | | | | | | | | |
| 66.85 | 68.76 | HM | SEL | 1 | | | | | | | | | |
| 66.85 | 68.76 | SI | SPV | 3 | | | | | | | | | |
| 68.76 | 69.8 | MafDk | Mafic Dyke | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 68.76 | 69.8 | CB | PV | 4 | | | | | | 460048 | 67.5 | 69 | <0.005 |
| 68.76 | 69.8 | CL | SEL | 4 | | | | | | | | | |
| 69.8 | 84.96 | Ton | Tonalite | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 69.8 | 73 | AB | SPV | 3 | | | | | | 460049 | 69 | 70.5 | <0.005 |
| 69.8 | 73 | CB | SEL | 1 | | | | | | 460050 | 70.5 | 72 | <0.005 |
| 69.8 | 73 | CL | SEL | 2 | | | | | | 460051 | 72 | 73 | <0.005 |
| 69.8 | 73 | EP | SEL | 1 | | | | | | 460052 | 73 | 74 | <0.005 |
| 69.8 | 73 | HM | SEL | 1 | | | | | | 460054 | 74 | 75.5 | <0.005 |
| 69.8 | 73 | SI | SPV | 3 | | | | | | 460055 | 75.5 | 77 | 0.01 |
| 73 | 75.57 | CB | SEL | 4 | | | | | | 460056 | 77 | 78.5 | <0.005 |
| 73 | 75.57 | CL | SEL | 5 | | | | | | 460057 | 78.5 | 80 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------|------------|--------|--------------------------|--------|------|-------|--------|---------------|------|------|---------------|
| | 73 | 75.57 | HM | SEL | 4 | 460058 | 80 | 81.5 | <0.005 | | | | |
| | 73 | 75.57 | SI | SPV | 3 | 460059 | 81.5 | 83 | <0.005 | | | | |
| | 73 | 75.57 | SR | PV | 4 | 460060 | 83 | 84.5 | <0.005 | | | | |
| | 75.57 | 84.96 | CB | SEL | 2 | | | | | | | | |
| | 75.57 | 84.96 | CL | SEL | 2 | | | | | | | | |
| | 75.57 | 84.96 | HM | SEL | 3 | | | | | | | | |
| | 75.57 | 84.96 | SI | SPV | 3 | | | | | | | | |
| | 75.57 | 84.96 | SR | SPV | 2 | | | | | | | | |
| 84.96 | 85.68 | MafDk | Mafic Dyke | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 84.96 | 85.68 | CB | SEL | 5 | | | | | | | | | |
| 84.96 | 85.68 | CL | PV | 3 | | | | | | | | | |
| 85.68 | 89.38 | Ton | Tonalite | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 85.68 | 87 | CL | SEL | 4 | | | | | | 460061 | 84.5 | 86 | |
| 85.68 | 87 | SI | SPV | 3 | | | | | | 460062 | 86 | 87 | |
| 85.68 | 87 | SR | SPV | 3 | | | | | | 460063 | 87 | 88.5 | |
| 87 | 89.38 | CL | SEL | 3 | | | | | | | | | |
| 87 | 89.38 | EP | SEL | 1 | | | | | | | | | |
| 87 | 89.38 | HM | SEL | 3 | | | | | | | | | |
| 87 | 89.38 | SI | SPV | 2 | | | | | | | | | |
| 87 | 89.38 | SR | SPV | 2 | | | | | | | | | |
| 89.38 | 89.95 | MafDk | Mafic Dyke | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | |
|----------------------|--------|-----------|------------|--------|--|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|--|
| Alteration Intervals | | | | | | From | To | Type | Style | % Min | Sample | From | To | | |
| From | To | Type | Style | Inten. | | From | To | Type | Style | % Min | Sample | From | To | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 89.38 | 89.95 | CB | SEL | 5 | | | | | | | | | | | |
| 89.38 | 89.95 | CL | PV | 3 | | | | | | | | | | | |
| 89.95 | 93.56 | Ton | Tonalite | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 89.95 | 93.56 | CB | SEL | 2 | | | | | | | 460064 | 88.5 | 90 | <0.005 | |
| 89.95 | 93.56 | CL | SEL | 4 | | | | | | | 460066 | 90 | 91.5 | <0.005 | |
| 89.95 | 93.56 | HM | SEL | 2 | | | | | | | 460067 | 91.5 | 93.07 | <0.005 | |
| 89.95 | 93.56 | SR | SPV | 2 | | | | | | | | | | | |
| 93.56 | 95.05 | MafDk | Mafic Dyke | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 93.56 | 95.05 | CB | SEL | 5 | | | | | | | 460068 | 93.07 | 94.5 | <0.005 | |
| 93.56 | 95.05 | CL | SEL | 5 | | | | | | | | | | | |
| 95.05 | 102.06 | Ton | Tonalite | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 95.05 | 102.06 | CB | SEL | 2 | | | | | | | 460069 | 94.5 | 96 | 0.01 | |
| 95.05 | 102.06 | CL | SEL | 3 | | | | | | | 460070 | 96 | 97.5 | <0.005 | |
| 95.05 | 102.06 | HM | SEL | 2 | | | | | | | 460071 | 97.5 | 99 | <0.005 | |
| 95.05 | 102.06 | SR | SPV | 2 | | | | | | | 460072 | 99 | 100.5 | <0.005 | |
| | | | | | | | | | | | 460073 | 100.5 | 102 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------|
| 102.06 | 105.38 | MafDk | Mafic Dyke |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 102.06 | 105.38 | CB | SEL | 5 | | | | | | 460074 | 102 | 103.5 | <0.005 |
| 102.06 | 105.38 | CL | SEL | 5 | | | | | | 460075 | 103.5 | 104.3 | <0.005 |
| | | | | | | | | | | 460076 | 104.3 | 105.38 | <0.005 |

| | | | |
|--------|--------|-----|----------|
| 105.38 | 106.22 | Ton | Tonalite |
|--------|--------|-----|----------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 105.38 | 106.22 | CB | SEL | 2 | | | | | | 460077 | 105.38 | 106.22 | <0.005 |
| 105.38 | 106.22 | CL | SEL | 3 | | | | | | | | | |
| 105.38 | 106.22 | HM | SEL | 2 | | | | | | | | | |
| 105.38 | 106.22 | SR | SPV | 2 | | | | | | | | | |

| | | | |
|--------|--------|-------|------------|
| 106.22 | 106.78 | MafDk | Mafic Dyke |
|--------|--------|-------|------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 106.22 | 106.78 | CB | SEL | 5 | 106.22 | 106.78 | PY | DIS | 0.5 | | | | |
| 106.22 | 106.78 | CL | SEL | 4 | | | | | | | | | |

| | | | |
|--------|--------|-----|----------|
| 106.78 | 113.84 | Ton | Tonalite |
|--------|--------|-----|----------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 106.78 | 113.84 | CB | SEL | 2 | | | | | | 460079 | 106.22 | 107.55 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|--------|--------|--------|
| | 106.78 | 113.84 | CL | SEL | 4 | 460080 | 107.55 | 109 | <0.005 |
| | 106.78 | 113.84 | SI | PV | 2 | 460081 | 109 | 110.16 | <0.005 |
| | 106.78 | 113.84 | SR | PV | 2 | 460082 | 110.16 | 111.15 | <0.005 |
| | | | | | | 460083 | 111.15 | 112 | <0.005 |
| | | | | | | 460084 | 112 | 113.5 | <0.005 |

113.84 115.76 MafDk Mafic Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 113.84 | 115.76 | CB | SEL | 5 | | | | | | 460085 | 113.5 | 114.5 | <0.005 |
| 113.84 | 115.76 | CL | SEL | 5 | | | | | | 460086 | 114.5 | 115.76 | <0.005 |

115.76 133.42 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 115.76 | 124.23 | CB | SEL | 1 | | | | | | 460087 | 115.76 | 117 | <0.005 |
| 115.76 | 124.23 | CL | SEL | 4 | | | | | | 460088 | 117 | 118.5 | 0.01 |
| 115.76 | 124.23 | HM | SEL | 1 | | | | | | 460089 | 118.5 | 120 | <0.005 |
| 115.76 | 124.23 | SI | PV | 2 | | | | | | 460091 | 120 | 121.5 | <0.005 |
| 115.76 | 124.23 | SR | PV | 3 | | | | | | 460092 | 121.5 | 123 | <0.005 |
| 124.23 | 133.42 | CB | SEL | 1 | | | | | | 460093 | 123 | 124.2 | <0.005 |
| 124.23 | 133.42 | CL | SEL | 4 | | | | | | 460094 | 124.2 | 125 | <0.005 |
| 124.23 | 133.42 | SI | PV | 2 | | | | | | 460095 | 125 | 126.5 | <0.005 |
| 124.23 | 133.42 | SR | PV | 4 | | | | | | 460096 | 126.5 | 128 | <0.005 |
| | | | | | | | | | | 460097 | 128 | 129.5 | <0.005 |
| | | | | | | | | | | 460098 | 129.5 | 131 | <0.005 |
| | | | | | | | | | | 460099 | 131 | 132.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--------|
| | | 460100 | <0.005 |

133.42 134 MafDk Mafic Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 133.42 | 134 | CB | SEL | 4 | | | | | | | | | |
| 133.42 | 134 | CL | SEL | 3 | | | | | | | | | |

134 156.04 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 134 | 143.13 | CB | SEL | 4 | | | | | | 460101 | 133.42 | 135 | <0.005 |
| 134 | 143.13 | CL | SEL | 3 | | | | | | 460102 | 135 | 136.5 | <0.005 |
| 134 | 143.13 | SI | PV | 2 | | | | | | 460104 | 136.5 | 138 | <0.005 |
| 134 | 143.13 | SR | PV | 3 | | | | | | 460105 | 138 | 139.5 | <0.005 |
| 143.13 | 153.29 | CL | SEL | 3 | | | | | | 460106 | 139.5 | 141 | <0.005 |
| 143.13 | 153.29 | HM | SEL | 2 | | | | | | 460107 | 141 | 142 | <0.005 |
| 143.13 | 153.29 | SI | PV | 2 | | | | | | 460108 | 142 | 143.5 | <0.005 |
| 143.13 | 153.29 | SR | SPV | 2 | | | | | | 460109 | 143.5 | 145 | <0.005 |
| 153.29 | 156.04 | CB | SEL | 2 | | | | | | 460110 | 145 | 146.5 | <0.005 |
| 153.29 | 156.04 | CL | SEL | 4 | | | | | | 460111 | 146.5 | 148 | <0.005 |
| 153.29 | 156.04 | EP | SEL | 1 | | | | | | 460112 | 148 | 149.5 | <0.005 |
| 153.29 | 156.04 | SI | PV | 2 | | | | | | 460113 | 149.5 | 151 | <0.005 |
| 153.29 | 156.04 | SR | SPV | 2 | | | | | | 460114 | 151 | 152.5 | <0.005 |
| | | | | | | | | | | 460116 | 152.5 | 154 | <0.005 |
| | | | | | | | | | | 460117 | 154 | 154.5 | <0.005 |
| | | | | | | | | | | 460118 | 154.5 | 156 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------------|
| 156.04 | 157.84 | LamDk | Lamprophyre Dyke |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 156.04 | 157.84 | CB | SEL | 5 | | | | | | 460119 | 156 | 157 | <0.005 |
| 156.04 | 157.84 | CL | PV | 3 | | | | | | 460120 | 157 | 157.24 | <0.005 |
| 156.04 | 157.84 | HM | SEL | 2 | | | | | | | | | |

| From (m) | To (m) | Lithology | |
|---------------------------------------------------|--------|-----------|----------|
| 157.84 | 171.27 | Ton | Tonalite |
| 167.40 - 167.80m Epidote selective (5) alteration | | | |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 157.84 | 164.42 | CB | SEL | 4 | | | | | | 460121 | 157.24 | 159 | <0.005 |
| 157.84 | 164.42 | CL | SEL | 4 | | | | | | 460122 | 159 | 160.5 | <0.005 |
| 157.84 | 164.42 | SI | PV | 3 | | | | | | 460123 | 160.5 | 162 | <0.005 |
| 157.84 | 164.42 | SR | SPV | 2 | | | | | | 460124 | 162 | 163.5 | <0.005 |
| 164.42 | 171.27 | CB | SEL | 3 | | | | | | 460125 | 163.5 | 165 | <0.005 |
| 164.42 | 171.27 | CL | SEL | 3 | | | | | | 460126 | 165 | 166.5 | <0.005 |
| 164.42 | 171.27 | EP | SEL | 1 | | | | | | 460129 | 166.5 | 168 | <0.005 |
| 164.42 | 171.27 | HM | SEL | 3 | | | | | | 460130 | 168 | 169.5 | <0.005 |
| 164.42 | 171.27 | SI | PV | 3 | | | | | | 460131 | 169.5 | 171 | <0.005 |
| 164.42 | 171.27 | SR | SPV | 2 | | | | | | | | | |

| From (m) | To (m) | Lithology | |
|--------------------------------------------------------------------------------|--------|-----------|------------------|
| 171.27 | 172.72 | LamDk | Lamprophyre Dyke |
| biotite crystals are foliated and weakly crenulated. Trace disseminated pyrite | | | |

| Sample | From | To | Best Au (ppm) |
|--------|------|-------|---------------|
| 460132 | 171 | 172.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|----------------------|--------------------------------------------------|------|--------------------------|--------|------|---------------|------|-------|---------------|--------|-------|---------------|--------|
| 172.72 | 188.9 | Ton | Tonalite Rare diorite fragments ; magnetic | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | | Best Au (ppm) | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 172.72 | 184.72 | CB | SEL | 2 | | | | | | 460133 | 172.5 | 174 | <0.005 |
| | | 172.72 | 184.72 | CL | SEL | 3 | | | | | | 460134 | 174 | 175.5 | <0.005 |
| | | 172.72 | 184.72 | HM | SEL | 2 | | | | | | 460135 | 175.5 | 177 | <0.005 |
| | | 172.72 | 184.72 | SR | SPV | 2 | | | | | | 460136 | 177 | 178.5 | <0.005 |
| | | 184.72 | 187.09 | CB | SEL | 4 | | | | | | 460137 | 178.5 | 180 | <0.005 |
| | | 184.72 | 187.09 | CL | SEL | 4 | | | | | | 460138 | 180 | 181.5 | <0.005 |
| | | 184.72 | 187.09 | EP | SEL | 1 | | | | | | 460139 | 181.5 | 183 | <0.005 |
| | | 184.72 | 187.09 | HM | SEL | 1 | | | | | | 460141 | 183 | 184.5 | <0.005 |
| | | 184.72 | 187.09 | SR | SPV | 5 | | | | | | 460142 | 184.5 | 186 | <0.005 |
| | | 187.09 | 188.9 | CB | SEL | 2 | | | | | | 460143 | 186 | 187.5 | <0.005 |
| | | 187.09 | 188.9 | CL | SEL | 3 | | | | | | | | | |
| | | 187.09 | 188.9 | HM | SEL | 2 | | | | | | | | | |
| | | 187.09 | 188.9 | SR | PV | 2 | | | | | | | | | |
| 188.9 | 190.23 | LamDk | Lamprophyre Dyke | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Best Au (ppm) | |
| | | | | | | | | | | | | Sample | From | To | |
| | | | | | | | | | | | | 460144 | 187.5 | 189 | <0.005 |
| 190.23 | 212.13 | Ton | Tonalite magnetic | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | | Best Au (ppm) | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|--|
| 190.23 | 204.13 | CB | SEL | 2 | 460145 | 189 | 190.5 | <0.005 | | |
| 190.23 | 204.13 | CL | SEL | 3 | 460146 | 190.5 | 192 | <0.005 | | |
| 190.23 | 204.13 | EP | SEL | 1 | 460147 | 192 | 193.5 | <0.005 | | |
| 190.23 | 204.13 | SI | PV | 2 | 460148 | 193.5 | 195 | <0.005 | | |
| 190.23 | 204.13 | SR | PV | 2 | 460149 | 195 | 196.5 | <0.005 | | |
| 204.13 | 212 | CB | SEL | 2 | 460150 | 196.5 | 198 | <0.005 | | |
| 204.13 | 212 | CL | SEL | 4 | 460151 | 198 | 199.5 | <0.005 | | |
| 204.13 | 212 | SI | PV | 3 | 460152 | 199.5 | 201 | <0.005 | | |
| 204.13 | 212 | SR | PV | 3 | 460154 | 201 | 202.5 | <0.005 | | |
| | | | | | 460155 | 202.5 | 204 | <0.005 | | |
| | | | | | 460156 | 204 | 205.5 | <0.005 | | |
| | | | | | 460157 | 205.5 | 207 | <0.005 | | |
| | | | | | 460158 | 207 | 208.5 | <0.005 | | |
| | | | | | 460159 | 208.5 | 210 | <0.005 | | |
| | | | | | 460160 | 210 | 211 | <0.005 | | |

212.13 216.4 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 212.13 | 216.4 | CB | SEL | 5 | | | | | | 460161 | 211 | 212.5 | <0.005 |
| 212.13 | 216.4 | CL | SEL | 4 | | | | | | 460162 | 212.5 | 214 | <0.005 |
| 212.13 | 216.4 | SR | SPV | 4 | | | | | | 460163 | 214 | 215.5 | <0.005 |
| | | | | | | | | | | 460164 | 215.5 | 216.4 | <0.005 |

216.4 231 Ton Tonalite
 magnetic
 ; Sulphide bands at the end of the hole between 229.60-230.31m interval

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------|--------|-----------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From (m) | To (m) | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 216.4 | 230 | CB | SEL | 4 | | | | | | 460166 | 216.4 | 218 | <0.005 |
| 216.4 | 230 | CL | SEL | 4 | | | | | | 460167 | 218 | 219.5 | <0.005 |
| 216.4 | 230 | SI | PV | 2 | | | | | | 460168 | 219.5 | 221 | <0.005 |
| 216.4 | 230 | SR | SPV | 3 | | | | | | 460169 | 221 | 222.5 | <0.005 |
| | | | | | | | | | | 460170 | 222.5 | 224 | <0.005 |
| | | | | | | | | | | 460171 | 224 | 225.5 | <0.005 |
| | | | | | | | | | | 460172 | 225.5 | 227 | <0.005 |
| | | | | | | | | | | 460173 | 227 | 228.5 | <0.005 |
| | | | | | | | | | | 460174 | 228.5 | 229.6 | 0.02 |
| | | | | | | | | | | 460175 | 229.6 | 230.31 | 0.4 |
| | | | | | | | | | | 460176 | 230.31 | 231 | 0.05 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 220 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 28-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 29-Nov-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 1-Dec-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427776.14 | Hole : | SURFACE |
| North : | 5267311.49 | Zone : | 17 |
| Elevation: | 397.56 | NAD : | NAD83 |

Target :

Comments : TMF

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 220 | -65 | TN14 | 105 | 221.7 | -64.1 | Reflex |
| 9 | 219.9 | -64.5 | Reflex | 108 | 221.7 | -64.1 | Reflex |
| 12 | 221 | -64.5 | Reflex | 117 | 220.1 | -64 | Reflex |
| 15 | 221 | -64.5 | Reflex | 120 | 221.8 | -63.9 | Reflex |
| 18 | 221.7 | -64.5 | Reflex | 123 | 221.4 | -63.9 | Reflex |
| 21 | 221.8 | -64.4 | Reflex | 126 | 222.5 | -63.9 | Reflex |
| 24 | 221.7 | -64.4 | Reflex | 129 | 222.8 | -63.8 | Reflex |
| 27 | 222 | -64.4 | Reflex | 135 | 221.7 | -63.8 | Reflex |
| 30 | 221.7 | -64.4 | Reflex | 138 | 221.5 | -63.7 | Reflex |
| 33 | 221.9 | -64.4 | Reflex | 141 | 221.7 | -63.8 | Reflex |
| 36 | 222.5 | -64.4 | Reflex | 144 | 221.9 | -63.7 | Reflex |
| 39 | 222.7 | -64.4 | Reflex | 147 | 222.3 | -63.7 | Reflex |
| 45 | 221.2 | -64.3 | Reflex | 150 | 223.3 | -63.6 | Reflex |
| 48 | 221.8 | -64.3 | Reflex | 153 | 222.3 | -63.6 | Reflex |
| 51 | 220.9 | -64.3 | Reflex | 156 | 221.8 | -63.6 | Reflex |
| 54 | 221.8 | -64.3 | Reflex | 159 | 222.9 | -63.5 | Reflex |
| 57 | 221.8 | -64.3 | Reflex | 162 | 221.8 | -63.5 | Reflex |
| 60 | 221.9 | -64.3 | Reflex | 165 | 223.2 | -63.5 | Reflex |
| 63 | 220.9 | -64.3 | Reflex | 168 | 223.3 | -63.4 | Reflex |
| 66 | 221.9 | -64.2 | Reflex | 171 | 223.4 | -63.4 | Reflex |
| 72 | 221.5 | -64.2 | Reflex | 174 | 223.4 | -63.4 | Reflex |
| 75 | 222.4 | -64.2 | Reflex | 180 | 223.4 | -63.4 | Reflex |
| 78 | 222.3 | -64.2 | Reflex | 183 | 223.1 | -63.4 | Reflex |
| 84 | 221.4 | -64.2 | Reflex | 186 | 222.6 | -63.3 | Reflex |
| 87 | 222.2 | -64.1 | Reflex | 189 | 223 | -63.3 | Reflex |
| 93 | 221 | -64.1 | Reflex | 192 | 222.3 | -63.3 | Reflex |
| 96 | 221.9 | -64.1 | Reflex | 198 | 222.3 | -63.3 | Reflex |
| 99 | 221.7 | -64.1 | Reflex | 201 | 222.7 | -63.2 | Reflex |
| 102 | 221.4 | -64.1 | Reflex | 204 | 223.2 | -63.2 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 207 | 223.7 | -63.2 | Reflex |
| 210 | 223.4 | -63.2 | Reflex |
| 213 | 223.3 | -63.2 | Reflex |
| 216 | 223.3 | -63.1 | Reflex |
| 219 | 223.5 | -63.1 | Reflex |
| 222 | 223.9 | -63.1 | Reflex |
| 225 | 223.9 | -63.1 | Reflex |
| 228 | 223.7 | -63.1 | Reflex |
| 231 | 222.9 | -63.1 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 187 | 188.5 | 456001 | A18-01349 | 3.88 | 11 | - | - | - | - | - | 0.01 |
| 188.5 | 190 | 456002 | A18-01349 | 3.71 | 8 | - | - | - | - | - | 0.01 |
| 190 | 191.5 | 456004 | A18-01349 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 191.5 | 193 | 456005 | A18-01349 | 4.45 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194.5 | 456006 | A18-01349 | 4.23 | 31 | - | - | - | - | - | 0.03 |
| 194.5 | 196 | 456007 | A18-01349 | 3.4 | 140 | - | - | - | - | - | 0.14 |
| 196 | 197.5 | 456008 | A18-01349 | 3.5 | 5 | - | - | - | - | - | 0.01 |
| 197.5 | 199 | 456009 | A18-01349 | 3.63 | 18 | - | - | - | - | - | 0.02 |
| 199 | 200 | 456010 | A18-01349 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201 | 456011 | A18-01349 | 2.85 | 166 | - | - | - | - | - | 0.17 |
| 201 | 202.5 | 456012 | A18-01349 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 456013 | A18-01349 | 4.24 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 456014 | A18-01349 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 456016 | A18-01349 | 4.19 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208.5 | 456017 | A18-01349 | 3.47 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 456018 | A18-01349 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211 | 456019 | A18-01349 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212 | 456020 | A18-01349 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 212 | 213.5 | 456021 | A18-01349 | 4.18 | 2.5 | - | - | - | - | - | < DL |
| 213.5 | 215 | 456022 | A18-01349 | 4.24 | 2.5 | - | - | - | - | - | < DL |
| 215 | 216.5 | 456023 | A18-01349 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 216.5 | 218 | 456024 | A18-01349 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 218 | 219.5 | 456025 | A18-01349 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 219.5 | 221 | 456026 | A18-01349 | 3.24 | 7 | - | - | - | - | - | 0.01 |
| 221 | 222 | 456027 | A18-01349 | 1.97 | 31 | - | - | - | - | - | 0.03 |
| 222 | 223.5 | 456029 | A18-01349 | 3.43 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 456030 | A18-01349 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226.5 | 456031 | A18-01349 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 226.5 | 228 | 456032 | A18-01349 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229 | 456033 | A18-01349 | 2.35 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 229 | 230 | 456034 | A18-01349 | 2.66 | 2.5 | - | - | - | - | - | < DL |
| 230 | 231 | 456035 | A18-01349 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 1 | 2 | 460359 | A18-01349 | 1.61 | 2.5 | - | - | - | - | - | < DL |
| 2 | 3.47 | 460360 | A18-01349 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 3.47 | 5 | 460361 | A18-01349 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6.5 | 460362 | A18-01349 | 3.85 | 2.5 | - | - | - | - | - | < DL |
| 6.5 | 8 | 460363 | A18-01349 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9.5 | 460364 | A18-01349 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 9.5 | 10.76 | 460366 | A18-01349 | 3.32 | 2.5 | - | - | - | - | - | < DL |
| 10.76 | 12 | 460367 | A18-01349 | 3.24 | 6 | - | - | - | - | - | 0.01 |
| 12 | 13.5 | 460368 | A18-01349 | 4.12 | 28 | - | - | - | - | - | 0.03 |
| 13.5 | 15 | 460369 | A18-01349 | 4.01 | 11 | - | - | - | - | - | 0.01 |
| 15 | 16.5 | 460370 | A18-01349 | 3.46 | 7 | - | - | - | - | - | 0.01 |
| 16.5 | 17.94 | 460371 | A18-01349 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 17.94 | 19 | 460372 | A18-01349 | 2.87 | 2.5 | - | - | - | - | - | < DL |
| 19 | 20.5 | 460373 | A18-01349 | 3.63 | 5 | - | - | - | - | - | 0.01 |
| 20.5 | 22 | 460374 | A18-01349 | 3.11 | 6 | - | - | - | - | - | 0.01 |
| 22 | 23 | 460375 | A18-01349 | 2.61 | 2.5 | - | - | - | - | - | < DL |
| 23 | 24.5 | 460376 | A18-01349 | 3.84 | 5 | - | - | - | - | - | 0.01 |
| 24.5 | 26 | 460377 | A18-01349 | 4.11 | 2.5 | - | - | - | - | - | < DL |
| 26 | 27.5 | 460379 | A18-01349 | 3.75 | 7 | - | - | - | - | - | 0.01 |
| 27.5 | 29 | 460380 | A18-01349 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 29 | 30.5 | 460381 | A18-01349 | 4.29 | 2.5 | - | - | - | - | - | < DL |
| 30.5 | 32 | 460382 | A18-01349 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 32 | 33.5 | 460383 | A18-01349 | 4 | 2.5 | - | - | - | - | - | < DL |
| 33.5 | 35 | 460384 | A18-01349 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 35 | 36.29 | 460385 | A18-01349 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 36.29 | 37.5 | 460386 | A18-01349 | 2.45 | 11 | - | - | - | - | - | 0.01 |
| 37.5 | 39 | 460387 | A18-01349 | 3.31 | 39 | - | - | - | - | - | 0.04 |
| 39 | 40.5 | 460388 | A18-01349 | 3.85 | 23 | - | - | - | - | - | 0.02 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 40.5 | 42 | 460389 | A18-01349 | 4.02 | 39 | - | - | - | - | - | 0.04 |
| 42 | 43.5 | 460391 | A18-01349 | 3.91 | 34 | - | - | - | - | - | 0.03 |
| 43.5 | 45 | 460392 | A18-01349 | 3.64 | 7 | - | - | - | - | - | 0.01 |
| 45 | 46.5 | 460393 | A18-01349 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 46.5 | 47.63 | 460394 | A18-01349 | 2.56 | 5 | - | - | - | - | - | 0.01 |
| 47.63 | 49 | 460395 | A18-01349 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50.5 | 460396 | A18-01349 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 50.5 | 52 | 460397 | A18-01349 | 4.01 | 12 | - | - | - | - | - | 0.01 |
| 52 | 53.5 | 460398 | A18-01349 | 4.39 | 2.5 | - | - | - | - | - | < DL |
| 53.5 | 55 | 460399 | A18-01349 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 55 | 56 | 460400 | A18-01349 | 2.52 | 2.5 | - | - | - | - | - | < DL |
| 56 | 57.5 | 460401 | A18-01349 | 3.75 | 21 | - | - | - | - | - | 0.02 |
| 57.5 | 59 | 460402 | A18-01349 | 3.71 | 10 | - | - | - | - | - | 0.01 |
| 59 | 60.5 | 460404 | A18-01349 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 60.5 | 62 | 460405 | A18-01349 | 4 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63.5 | 460406 | A18-01349 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 63.5 | 65 | 460407 | A18-01349 | 3.2 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66 | 460408 | A18-01349 | 2.42 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 460409 | A18-01349 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 460410 | A18-01349 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70 | 460411 | A18-01349 | 2.56 | 8 | - | - | - | - | - | 0.01 |
| 70 | 71.5 | 460412 | A18-01349 | 4.37 | 2.5 | - | - | - | - | - | < DL |
| 71.5 | 73 | 460413 | A18-01349 | 4 | 2.5 | - | - | - | - | - | < DL |
| 73 | 74.5 | 460414 | A18-01349 | 3.41 | 5 | - | - | - | - | - | 0.01 |
| 74.5 | 76 | 460416 | A18-01349 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 76 | 77.5 | 460417 | A18-01349 | 3.86 | 6 | - | - | - | - | - | 0.01 |
| 77.5 | 79 | 460418 | A18-01349 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 79 | 80.5 | 460419 | A18-01349 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 80.5 | 82 | 460420 | A18-01349 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 82 | 83.5 | 460421 | A18-01349 | 3.99 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 83.5 | 85 | 460422 | A18-01349 | 4.06 | 23 | - | - | - | - | - | 0.02 |
| 85 | 86.5 | 460423 | A18-01349 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 86.5 | 88 | 460424 | A18-01349 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89.5 | 460425 | A18-01349 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 89.5 | 91 | 460426 | A18-01349 | 3.55 | 6 | - | - | - | - | - | 0.01 |
| 91 | 92.5 | 460427 | A18-01349 | 3.82 | 58 | - | - | - | - | - | 0.06 |
| 92.5 | 94 | 460429 | A18-01349 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95.5 | 460430 | A18-01349 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 95.5 | 97 | 460431 | A18-01349 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98.5 | 460432 | A18-01349 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 98.5 | 100 | 460433 | A18-01349 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 100 | 101 | 460434 | A18-01349 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 101 | 102 | 460435 | A18-01349 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103 | 460436 | A18-01349 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104.5 | 460437 | A18-01349 | 4.06 | 2.5 | - | - | - | - | - | < DL |
| 104.5 | 106 | 460438 | A18-01349 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107.5 | 460439 | A18-01349 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 107.5 | 109 | 460441 | A18-01349 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110.5 | 460442 | A18-01349 | 4.38 | 2.5 | - | - | - | - | - | < DL |
| 110.5 | 112 | 460443 | A18-01349 | 4.62 | 2.5 | - | - | - | - | - | < DL |
| 112 | 113.5 | 460444 | A18-01349 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 113.5 | 114.57 | 460445 | A18-01349 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 114.57 | 116 | 460446 | A18-01349 | 3.3 | 5 | - | - | - | - | - | 0.01 |
| 116 | 117 | 460447 | A18-01349 | 2.42 | 9 | - | - | - | - | - | 0.01 |
| 117 | 118 | 460448 | A18-01349 | 2.7 | 7 | - | - | - | - | - | 0.01 |
| 118 | 119 | 460449 | A18-01349 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 119 | 120.5 | 460450 | A18-01349 | 4.18 | 2.5 | - | - | - | - | - | < DL |
| 120.5 | 122 | 460451 | A18-01349 | 4.07 | 6 | - | - | - | - | - | 0.01 |
| 122 | 123 | 460452 | A18-01349 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124.12 | 460454 | A18-01349 | 2.57 | 7 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 124.12 | 125 | 460455 | A18-01349 | 1.97 | 133 | - | - | - | - | - | 0.13 |
| 125 | 126 | 460456 | A18-01349 | 2.46 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 460457 | A18-01349 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 127.5 | 129 | 460458 | A18-01349 | 4.17 | 2.5 | - | - | - | - | - | < DL |
| 129 | 130.5 | 460459 | A18-01349 | 4.53 | 16 | - | - | - | - | - | 0.02 |
| 130.5 | 132 | 460460 | A18-01349 | 4.05 | 17 | - | - | - | - | - | 0.02 |
| 132 | 133.5 | 460461 | A18-01349 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 133.5 | 135 | 460462 | A18-01349 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 135 | 136.5 | 460463 | A18-01349 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 136.5 | 138 | 460464 | A18-01349 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 138 | 139.5 | 460466 | A18-01349 | 4.17 | 2.5 | - | - | - | - | - | < DL |
| 139.5 | 141 | 460467 | A18-01349 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142.5 | 460468 | A18-01349 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 142.5 | 144 | 460469 | A18-01349 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 460470 | A18-01349 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 145.5 | 147 | 460471 | A18-01349 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148.5 | 460472 | A18-01349 | 4 | 2.5 | - | - | - | - | - | < DL |
| 148.5 | 150 | 460473 | A18-01349 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151.5 | 460474 | A18-01349 | 4.29 | 2.5 | - | - | - | - | - | < DL |
| 151.5 | 153 | 460475 | A18-01349 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154.5 | 460476 | A18-01349 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 460477 | A18-01349 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157.5 | 460479 | A18-01349 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 157.5 | 159 | 460480 | A18-01349 | 3.18 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 460481 | A18-01349 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 160.5 | 162 | 460482 | A18-01349 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 162 | 163.5 | 460483 | A18-01349 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 163.5 | 165 | 460484 | A18-01349 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 460485 | A18-01349 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 166.5 | 168 | 460486 | A18-01349 | 3.84 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 168 | 169 | 460487 | A18-01349 | 2.48 | 2.5 | - | - | - | - | - | < DL |
| 169 | 170.5 | 460488 | A18-01349 | 4.35 | 2.5 | - | - | - | - | - | < DL |
| 170.5 | 172 | 460489 | A18-01349 | 3.83 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173.5 | 460491 | A18-01349 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 173.5 | 175 | 460492 | A18-01349 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176.5 | 460493 | A18-01349 | 3.78 | 18 | - | - | - | - | - | 0.02 |
| 176.5 | 178 | 460494 | A18-01349 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179.5 | 460495 | A18-01349 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 179.5 | 181 | 460496 | A18-01349 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 181 | 182.5 | 460497 | A18-01349 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 182.5 | 184 | 460498 | A18-01349 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 184 | 185.5 | 460499 | A18-01349 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 185.5 | 187 | 460500 | A18-01349 | 4.02 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 3 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
| 460359 | 1 | 2 | <0.005 |

| | | | |
|---|------|-----|----------|
| 3 | 47.6 | Ton | Tonalite |
|---|------|-----|----------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 3 | 10.76 | CB | SEL | 1 | | | | | | 460360 | 2 | 3.47 | <0.005 |
| 3 | 10.76 | CL | SPV | 3 | | | | | | 460361 | 3.47 | 5 | <0.005 |
| 3 | 10.76 | LX | SEL | 2 | | | | | | 460362 | 5 | 6.5 | <0.005 |
| 3 | 10.76 | SI | PV | 2 | | | | | | 460363 | 6.5 | 8 | <0.005 |
| 3 | 10.76 | SR | SPV | 3 | | | | | | 460364 | 8 | 9.5 | <0.005 |
| 10.76 | 14.03 | CB | SEL | 1 | | | | | | 460366 | 9.5 | 10.76 | <0.005 |
| 10.76 | 14.03 | CL | SEL | 3 | | | | | | 460367 | 10.76 | 12 | 0.01 |
| 10.76 | 14.03 | SI | PV | 2 | | | | | | 460368 | 12 | 13.5 | 0.03 |
| 10.76 | 14.03 | SR | SPV | 5 | | | | | | 460369 | 13.5 | 15 | 0.01 |
| 14.03 | 17.04 | CB | SEL | 1 | | | | | | 460370 | 15 | 16.5 | 0.01 |
| 14.03 | 17.04 | CL | SPV | 3 | | | | | | 460371 | 16.5 | 17.94 | <0.005 |
| 14.03 | 17.04 | SI | PV | 2 | | | | | | 460372 | 17.94 | 19 | <0.005 |
| 14.03 | 17.04 | SR | SPV | 3 | | | | | | 460373 | 19 | 20.5 | 0.01 |
| 17.04 | 22.4 | CB | SEL | 2 | | | | | | 460374 | 20.5 | 22 | 0.01 |
| 17.04 | 22.4 | CL | SPV | 3 | | | | | | 460375 | 22 | 23 | <0.005 |
| 17.04 | 22.4 | SI | PV | 3 | | | | | | 460376 | 23 | 24.5 | 0.01 |
| 17.04 | 22.4 | SR | SPV | 2 | | | | | | 460377 | 24.5 | 26 | <0.005 |
| 22.4 | 32.38 | CB | SEL | 1 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------|----------------------|-----------|----------------------------------------------|-------|--------|--------------------------|-------|-------|--------|-------|---------------|-------|-------|---------------|
| | 22.4 | 32.38 | CL | SPV | 3 | 460379 | 26 | 27.5 | 0.01 | | | | | |
| | 22.4 | 32.38 | LX | SEL | 1 | 460380 | 27.5 | 29 | <0.005 | | | | | |
| | 22.4 | 32.38 | SI | PV | 2 | 460381 | 29 | 30.5 | <0.005 | | | | | |
| | 22.4 | 32.38 | SR | SPV | 2 | 460382 | 30.5 | 32 | <0.005 | | | | | |
| | 32.38 | 36.29 | CB | SEL | 2 | 460383 | 32 | 33.5 | <0.005 | | | | | |
| | 32.38 | 36.29 | CL | SPV | 3 | 460384 | 33.5 | 35 | <0.005 | | | | | |
| | 32.38 | 36.29 | SI | PV | 3 | 460385 | 35 | 36.29 | <0.005 | | | | | |
| | 32.38 | 36.29 | SR | SPV | 2 | 460386 | 36.29 | 37.5 | 0.01 | | | | | |
| | 36.29 | 47.6 | CB | SEL | 4 | 460387 | 37.5 | 39 | 0.04 | | | | | |
| | 36.29 | 47.6 | CL | SPV | 2 | 460388 | 39 | 40.5 | 0.02 | | | | | |
| | 36.29 | 47.6 | SI | PV | 2 | 460389 | 40.5 | 42 | 0.04 | | | | | |
| | 36.29 | 47.6 | SR | SPV | 2 | 460391 | 42 | 43.5 | 0.03 | | | | | |
| | | | | | | 460392 | 43.5 | 45 | 0.01 | | | | | |
| | | | | | | 460393 | 45 | 46.5 | <0.005 | | | | | |
| 47.6 | 49.15 | LamDk | Lamprophyre Dyke | | | | | | | | | | | |
| | | | carbonate stringers deformed and crenulated | | | | | | | | | | | |
| | | | ; iron carbonate alteration in certain spots | | | | | | | | | | | |
| | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | 47.6 | 49.15 | CB | SEL | 4 | | | | | | 460394 | 46.5 | 47.63 | 0.01 |
| | | | | | | | | | | | 460395 | 47.63 | 49 | <0.005 |
| 49.15 | 64.65 | Ton | Tonalite | | | | | | | | | | | |
| | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | 49.15 | 64.65 | CB | SEL | 4 | 49.15 | 64.65 | PY | DIS | 0.5 | 460396 | 49 | 50.5 | <0.005 |
| | 49.15 | 64.65 | CL | SEL | 3 | | | | | | 460397 | 50.5 | 52 | 0.01 |
| | 49.15 | 64.65 | SI | PV | 2 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|------|------|--------|--|
| | 49.15 | 64.65 | SR | SPV | 2 | 460398 | 52 | 53.5 | <0.005 | |
| | | | | | | 460399 | 53.5 | 55 | <0.005 | |
| | | | | | | 460400 | 55 | 56 | <0.005 | |
| | | | | | | 460401 | 56 | 57.5 | 0.02 | |
| | | | | | | 460402 | 57.5 | 59 | 0.01 | |
| | | | | | | 460404 | 59 | 60.5 | <0.005 | |
| | | | | | | 460405 | 60.5 | 62 | <0.005 | |
| | | | | | | 460406 | 62 | 63.5 | <0.005 | |

64.65 66.68 LamDk Lamprophyre Dyke
carbonate stringers deformed and crenulated;
; iron carbonate alteration in certain spots

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 64.65 | 66.68 | CB | SEL | 4 | | | | | | 460407 | 63.5 | 65 | <0.005 |
| | | | | | | | | | | 460408 | 65 | 66 | <0.005 |

66.68 94.3 Ton Tonalite
SPV SI/AB alteration halo around veins;
; rare diorite fragments

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 66.68 | 70.48 | CB | SEL | 2 | 66.68 | 94.3 | PY | DIS | 1 | 460409 | 66 | 67.5 | <0.005 |
| 66.68 | 70.48 | CL | PV | 2 | | | | | | 460410 | 67.5 | 69 | <0.005 |
| 66.68 | 70.48 | LX | SEL | 1 | | | | | | 460411 | 69 | 70 | 0.01 |
| 66.68 | 70.48 | SI | SPV | 3 | | | | | | 460412 | 70 | 71.5 | <0.005 |
| 66.68 | 70.48 | SR | SPV | 1 | | | | | | 460413 | 71.5 | 73 | <0.005 |
| 70.48 | 94.3 | CB | SEL | 3 | | | | | | 460414 | 73 | 74.5 | 0.01 |
| 70.48 | 94.3 | CL | SPV | 2 | | | | | | 460416 | 74.5 | 76 | <0.005 |
| 70.48 | 94.3 | SI | PV | 2 | | | | | | 460417 | 76 | 77.5 | 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|------|------|--------|--|
| | 70.48 | 94.3 | SR | SPV | 2 | 460418 | 77.5 | 79 | <0.005 | |
| | | | | | | 460419 | 79 | 80.5 | <0.005 | |
| | | | | | | 460420 | 80.5 | 82 | <0.005 | |
| | | | | | | 460421 | 82 | 83.5 | <0.005 | |
| | | | | | | 460422 | 83.5 | 85 | 0.02 | |
| | | | | | | 460423 | 85 | 86.5 | <0.005 | |
| | | | | | | 460424 | 86.5 | 88 | <0.005 | |
| | | | | | | 460425 | 88 | 89.5 | <0.005 | |
| | | | | | | 460426 | 89.5 | 91 | 0.01 | |
| | | | | | | 460427 | 91 | 92.5 | 0.06 | |
| | | | | | | 460429 | 92.5 | 94 | <0.005 | |

94.3 95.32 LamDk Lamprophyre Dyke

Sample From To Best Au (ppm)

95.32 108.16 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 95.32 | 108.16 | CB | SEL | 4 | 95.32 | 108.16 | PO | DIS | 0.5 | 460430 | 94 | 95.5 | <0.005 |
| 95.32 | 108.16 | CL | SPV | 2 | 95.32 | 108.16 | PY | DIS | 1 | 460431 | 95.5 | 97 | <0.005 |
| 95.32 | 108.16 | HM | SEL | 1 | | | | | | 460432 | 97 | 98.5 | <0.005 |
| 95.32 | 108.16 | SI | PV | 2 | | | | | | 460433 | 98.5 | 100 | <0.005 |
| 95.32 | 108.16 | SR | SPV | 2 | | | | | | 460434 | 100 | 101 | <0.005 |
| | | | | | | | | | | 460435 | 101 | 102 | <0.005 |
| | | | | | | | | | | 460436 | 102 | 103 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|----------------------------------------------------------------------|------------------|--------|---------------|--------|------|---------------|-------|--------|--------|--------|--------|
| | | 460437 | 103 104.5 <0.005 | | | | | | | | | | |
| | | 460438 | 104.5 106 <0.005 | | | | | | | | | | |
| | | 460439 | 106 107.5 <0.005 | | | | | | | | | | |
| 108.16 | 114.57 | DR | Diorite | | | | | | | | | | |
| | | looks like diorite in composition, but not a chester kind of diorite | | | | | | | | | | | |
| Alteration Intervals | | Mineralization Intervals | | | Assay Results | | | Best Au (ppm) | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 108.16 | 114.57 | CB | SEL | 3 | 108.16 | 114.57 | PO | DIS | 0.5 | 460441 | 107.5 | 109 | <0.005 |
| 108.16 | 114.57 | CL | SEL | 4 | | | | | | 460442 | 109 | 110.5 | <0.005 |
| 108.16 | 114.57 | EP | PV | 5 | | | | | | 460443 | 110.5 | 112 | <0.005 |
| | | | | | | | | | | 460444 | 112 | 113.5 | <0.005 |
| | | | | | | | | | | 460445 | 113.5 | 114.57 | <0.005 |
| 114.57 | 124.42 | Ton | Tonalite | | | | | | | | | | |
| | | 118.53-119.98m sheared tonalite | | | | | | | | | | | |
| Alteration Intervals | | Mineralization Intervals | | | Assay Results | | | Best Au (ppm) | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 114.57 | 118.55 | CB | SEL | 4 | 114.57 | 124.42 | PO | DIS | 0.5 | 460446 | 114.57 | 116 | 0.01 |
| 114.57 | 118.55 | CL | SPV | 3 | 114.57 | 124.42 | PY | DIS | 1 | 460447 | 116 | 117 | 0.01 |
| 114.57 | 118.55 | SI | PV | 2 | | | | | | 460448 | 117 | 118 | 0.01 |
| 114.57 | 118.55 | SR | SPV | 3 | | | | | | 460449 | 118 | 119 | <0.005 |
| 118.55 | 121.27 | CB | SEL | 5 | | | | | | 460450 | 119 | 120.5 | <0.005 |
| 118.55 | 121.27 | CL | SPV | 3 | | | | | | 460451 | 120.5 | 122 | 0.01 |
| 118.55 | 121.27 | SI | SPV | 2 | | | | | | 460452 | 122 | 123 | <0.005 |
| 118.55 | 121.27 | SR | PV | 5 | | | | | | 460454 | 123 | 124.12 | 0.01 |
| 121.27 | 124.42 | CB | SEL | 4 | | | | | | | | | |
| 121.27 | 124.42 | CL | SPV | 3 | | | | | | | | | |
| 121.27 | 124.42 | SI | PV | 2 | | | | | | | | | |
| 121.27 | 124.42 | SR | SPV | 3 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------------|
| 124.42 | 127.81 | LamDk | Lamprophyre Dyke |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 124.42 | 127.81 | CB | SEL | 5 | | | | | | 460455 | 124.12 | 125 | 0.13 |
| | | | | | | | | | | 460456 | 125 | 126 | <0.005 |
| | | | | | | | | | | 460457 | 126 | 127.5 | <0.005 |

| | | | |
|---------------------------------|--------|-----|----------|
| 127.81 | 132.42 | Ton | Tonalite |
| 127.81-129.87m sheared tonalite | | | |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 127.81 | 129.87 | CB | SEL | 5 | | | | | | 460458 | 127.5 | 129 | <0.005 |
| 127.81 | 129.87 | CL | SPV | 3 | | | | | | 460459 | 129 | 130.5 | 0.02 |
| 127.81 | 129.87 | SI | SPV | 2 | | | | | | 460460 | 130.5 | 132 | 0.02 |
| 127.81 | 129.87 | SR | PV | 5 | | | | | | | | | |
| 129.87 | 132.42 | CB | SEL | 2 | | | | | | | | | |
| 129.87 | 132.42 | CL | SPV | 3 | | | | | | | | | |
| 129.87 | 132.42 | SI | PV | 2 | | | | | | | | | |
| 129.87 | 132.42 | SR | SPV | 3 | | | | | | | | | |

| | | | |
|--------|--------|-------|------------------|
| 132.42 | 135.87 | LamDk | Lamprophyre Dyke |
|--------|--------|-------|------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 132.42 | 135.87 | SI | PV | 2 | | | | | | 460461 | 132 | 133.5 | <0.005 |
| 132.42 | 135.87 | SR | SPV | 5 | | | | | | 460462 | 133.5 | 135 | <0.005 |

| | | | |
|--------|--------|-----|----------|
| 135.87 | 197.11 | Ton | Tonalite |
|--------|--------|-----|----------|

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

rare diorite fragments; locally weakly to moderately magnetic;
 ; 170.60-171.10m small sheared porphyry
 ; SPV SI/AB alteration halo around veins;
 ; PV(5) SR alteration halo around veins;
 ; 198.01-198.34m small tonalite interval in between lamprophyre

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 135.87 | 144.84 | CB | SEL | 3 | 135.87 | 197.11 | PO | DIS | 0.5 | 456001 | 187 | 188.5 | 0.01 |
| 135.87 | 144.84 | CL | SPV | 4 | 135.87 | 197.11 | PY | DIS | 0.5 | 456002 | 188.5 | 190 | 0.01 |
| 135.87 | 144.84 | SI | SPV | 2 | | | | | | 456004 | 190 | 191.5 | <0.005 |
| 135.87 | 144.84 | SR | SPV | 3 | | | | | | 456005 | 191.5 | 193 | <0.005 |
| 144.84 | 150.32 | CB | SEL | 5 | | | | | | 456006 | 193 | 194.5 | 0.03 |
| 144.84 | 150.32 | CL | SPV | 2 | | | | | | 456007 | 194.5 | 196 | 0.14 |
| 144.84 | 150.32 | SI | SPV | 3 | | | | | | 460463 | 135 | 136.5 | <0.005 |
| 144.84 | 150.32 | SR | SPV | 4 | | | | | | 460464 | 136.5 | 138 | <0.005 |
| 150.32 | 183.51 | CB | SEL | 4 | | | | | | 460466 | 138 | 139.5 | <0.005 |
| 150.32 | 183.51 | CL | SPV | 3 | | | | | | 460467 | 139.5 | 141 | <0.005 |
| 150.32 | 183.51 | SI | SPV | 2 | | | | | | 460468 | 141 | 142.5 | <0.005 |
| 150.32 | 183.51 | SR | SPV | 3 | | | | | | 460469 | 142.5 | 144 | <0.005 |
| 183.51 | 193.21 | BO | SPV | 3 | | | | | | 460470 | 144 | 145.5 | <0.005 |
| 183.51 | 193.21 | CB | SEL | 4 | | | | | | 460471 | 145.5 | 147 | <0.005 |
| 183.51 | 193.21 | CL | SPV | 3 | | | | | | 460472 | 147 | 148.5 | <0.005 |
| 183.51 | 193.21 | SI | SPV | 2 | | | | | | 460473 | 148.5 | 150 | <0.005 |
| 183.51 | 193.21 | SR | SPV | 4 | | | | | | 460474 | 150 | 151.5 | <0.005 |
| 193.21 | 197.11 | CB | SEL | 1 | | | | | | 460475 | 151.5 | 153 | <0.005 |
| 193.21 | 197.11 | CL | SPV | 2 | | | | | | 460476 | 153 | 154.5 | <0.005 |
| 193.21 | 197.11 | SI | SPV | 2 | | | | | | 460477 | 154.5 | 156 | <0.005 |
| 193.21 | 197.11 | SR | SPV | 5 | | | | | | 460479 | 156 | 157.5 | <0.005 |
| | | | | | | | | | | 460480 | 157.5 | 159 | <0.005 |
| | | | | | | | | | | 460481 | 159 | 160.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|------------------|-------|------------------|
| | | | 460482 | 160.5 | 162 <0.005 |
| | | | 460483 | 162 | 163.5 <0.005 |
| | | | 460484 | 163.5 | 165 <0.005 |
| | | | 460485 | 165 | 166.5 <0.005 |
| | | | 460486 | 166.5 | 168 <0.005 |
| | | | 460487 | 168 | 169 <0.005 |
| | | | 460488 | 169 | 170.5 <0.005 |
| | | | 460489 | 170.5 | 172 <0.005 |
| | | | 460491 | 172 | 173.5 <0.005 |
| | | | 460492 | 173.5 | 175 <0.005 |
| | | | 460493 | 175 | 176.5 0.02 |
| | | | 460494 | 176.5 | 178 <0.005 |
| | | | 460495 | 178 | 179.5 <0.005 |
| | | | 460496 | 179.5 | 181 <0.005 |
| | | | 460497 | 181 | 182.5 <0.005 |
| | | | 460498 | 182.5 | 184 <0.005 |
| | | | 460499 | 184 | 185.5 <0.005 |
| | | | 460500 | 185.5 | 187 <0.005 |
| 197.11 | 198.99 | LamDk | Lamprophyre Dyke | | |
| | | | Sample | From | To Best Au (ppm) |
| | | | 456008 | 196 | 197.5 0.01 |
| 198.99 | 217.39 | Ton | Tonalite | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
|----------|--------|------------------------------------------------|--------|------|-------|--------------------------|--------|-----|------|-------|---------------|--------|-------|---------------|---------------|--|
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 198.99 | 217.39 | BO | SPV | 3 | | | | | | 456009 | 197.5 | 199 | 0.02 | |
| | | 198.99 | 217.39 | CB | SEL | 4 | | | | | | 456010 | 199 | 200 | <0.005 | |
| | | 198.99 | 217.39 | CL | SPV | 4 | | | | | | 456011 | 200 | 201 | 0.17 | |
| | | 198.99 | 217.39 | SI | SPV | 2 | | | | | | 456012 | 201 | 202.5 | <0.005 | |
| | | 198.99 | 217.39 | SR | SPV | 3 | | | | | | 456013 | 202.5 | 204 | <0.005 | |
| | | | | | | | | | | | | 456014 | 204 | 205.5 | <0.005 | |
| | | | | | | | | | | | | 456016 | 205.5 | 207 | <0.005 | |
| | | | | | | | | | | | | 456017 | 207 | 208.5 | <0.005 | |
| | | | | | | | | | | | | 456018 | 208.5 | 210 | <0.005 | |
| | | | | | | | | | | | | 456019 | 210 | 211 | <0.005 | |
| | | | | | | | | | | | | 456020 | 211 | 212 | <0.005 | |
| | | | | | | | | | | | | 456021 | 212 | 213.5 | <0.005 | |
| | | | | | | | | | | | | 456022 | 213.5 | 215 | <0.005 | |
| | | | | | | | | | | | | 456023 | 215 | 216.5 | <0.005 | |
| 217.39 | 219.21 | DIA Diabase | | | | | | | | | | | | | | |
| | | weakly magnetic; cubic pyrite mineraliation | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Sample | From | To | Best Au (ppm) | |
| | | | | | | | | | | | | 456024 | 216.5 | 218 | <0.005 | |
| 219.21 | 231 | Ton Tonalite | | | | | | | | | | | | | | |
| | | weakly to moderatley magnetic in certain areas | | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 219.21 | 231 | BO | SPV | 2 | 219.21 | 231 | PY | DIS | 0.5 | 456025 | 218 | 219.5 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|-------|-------|--------|--|
| 219.21 | 231 | CB | SEL | 2 | 456026 | 219.5 | 221 | 0.01 | |
| 219.21 | 231 | CL | SPV | 4 | 456027 | 221 | 222 | 0.03 | |
| 219.21 | 231 | SI | SPV | 3 | 456029 | 222 | 223.5 | <0.005 | |
| 219.21 | 231 | SR | SPV | 3 | 456030 | 223.5 | 225 | <0.005 | |
| | | | | | 456031 | 225 | 226.5 | <0.005 | |
| | | | | | 456032 | 226.5 | 228 | <0.005 | |
| | | | | | 456033 | 228 | 229 | <0.005 | |
| | | | | | 456034 | 229 | 230 | <0.005 | |
| | | | | | 456035 | 230 | 231 | <0.005 | |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|------|----------------|----------------|
| Azimuth : | 360 | Length : | 1.23 | Dimension : | NQ |
| Dip : | -68 | Pulled : | no | Diam. Change : | no |
| Length : | 552 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 30-Nov-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 5-Dec-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 4-Dec-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 427621.86 | Hole : | SURFACE |
| North : | 5266482.01 | Zone : | 17 |
| Elevation: | 405.29 | NAD : | NAD83 |

Target : TMF
Comments : Hole logged by Milauni Desai and Riadh Zellagui (from 68m)

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 360 | -68 | TN14 | 93 | 359.7 | -68.2 | Reflex |
| 9 | 359 | -68.6 | Reflex | 96 | 359.7 | -68.2 | Reflex |
| 12 | 358.8 | -68.5 | Reflex | 99 | 359.3 | -68.1 | Reflex |
| 15 | 360 | -68.2 | Reflex | 102 | 359.8 | -68.1 | Reflex |
| 18 | 359.9 | -68.3 | Reflex | 105 | 359.6 | -68.1 | Reflex |
| 21 | 359.4 | -68.2 | Reflex | 108 | 359.7 | -68.1 | Reflex |
| 24 | 359.3 | -68.2 | Reflex | 111 | 360 | -68 | Reflex |
| 27 | 359 | -68.2 | Reflex | 114 | 360 | -68 | Reflex |
| 30 | 358.8 | -68.2 | Reflex | 117 | 359.9 | -67.9 | Reflex |
| 33 | 359.1 | -68.2 | Reflex | 120 | 359.7 | -67.9 | Reflex |
| 36 | 359 | -68.2 | Reflex | 123 | 359.9 | -67.9 | Reflex |
| 39 | 359 | -68.2 | Reflex | 126 | 360 | -67.9 | Reflex |
| 42 | 358.9 | -68.2 | Reflex | 129 | 359.9 | -67.9 | Reflex |
| 45 | 359.1 | -68.2 | Reflex | 132 | 359.9 | -67.9 | Reflex |
| 48 | 358.8 | -68.2 | Reflex | 135 | 359.9 | -67.9 | Reflex |
| 51 | 358.3 | -68.2 | Reflex | 138 | 0.1 | -67.9 | Reflex |
| 54 | 359 | -68.1 | Reflex | 141 | 360 | -67.9 | Reflex |
| 57 | 359.2 | -68.2 | Reflex | 144 | 360 | -67.9 | Reflex |
| 60 | 359.2 | -68.2 | Reflex | 147 | 0.1 | -67.9 | Reflex |
| 63 | 359 | -68.2 | Reflex | 150 | 1 | -67.7 | Reflex |
| 66 | 359.4 | -68.2 | Reflex | 153 | 0.3 | -67.9 | Reflex |
| 69 | 359.5 | -68.2 | Reflex | 156 | 0.2 | -67.9 | Reflex |
| 72 | 359 | -68.2 | Reflex | 159 | 0.2 | -67.9 | Reflex |
| 75 | 359.4 | -68.2 | Reflex | 162 | 0.3 | -67.9 | Reflex |
| 78 | 359.2 | -68.1 | Reflex | 165 | 0.5 | -67.9 | Reflex |
| 81 | 359.5 | -68.1 | Reflex | 168 | 0.5 | -67.9 | Reflex |
| 84 | 359.7 | -68.2 | Reflex | 171 | 0.6 | -67.9 | Reflex |
| 87 | 359.7 | -68.1 | Reflex | 174 | 0.1 | -67.8 | Reflex |
| 90 | 359.7 | -68.1 | Reflex | 177 | 0.4 | -67.8 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|
| 180 | 1 | -67.8 | Reflex |
| 183 | 0.5 | -67.8 | Reflex |
| 186 | 0.6 | -67.8 | Reflex |
| 189 | 0.5 | -67.8 | Reflex |
| 192 | 0.7 | -67.8 | Reflex |
| 195 | 0.7 | -67.8 | Reflex |
| 198 | 0.8 | -67.8 | Reflex |
| 201 | 0.1 | -67.7 | Reflex |
| 204 | 0.9 | -67.7 | Reflex |
| 207 | 1.1 | -67.7 | Reflex |
| 210 | 1.2 | -67.8 | Reflex |
| 213 | 1.5 | -67.7 | Reflex |
| 216 | 1.5 | -67.7 | Reflex |
| 219 | 1.5 | -67.7 | Reflex |
| 222 | 1.7 | -67.7 | Reflex |
| 225 | 1.6 | -67.7 | Reflex |
| 228 | 1.5 | -67.7 | Reflex |
| 231 | 1.4 | -67.6 | Reflex |
| 234 | 1.5 | -67.6 | Reflex |
| 237 | 1.6 | -67.6 | Reflex |
| 240 | 1.8 | -67.6 | Reflex |
| 243 | 2 | -67.5 | Reflex |
| 246 | 2.2 | -67.6 | Reflex |
| 249 | 2.3 | -67.6 | Reflex |
| 252 | 2 | -67.7 | Reflex |
| 255 | 2.6 | -67.6 | Reflex |
| 258 | 2 | -67.6 | Reflex |
| 261 | 1.9 | -67.6 | Reflex |
| 264 | 1.9 | -67.5 | Reflex |
| 267 | 2.1 | -67.5 | Reflex |
| 270 | 1.8 | -67.5 | Reflex |
| 273 | 1.9 | -67.5 | Reflex |
| 276 | 2 | -67.5 | Reflex |
| 279 | 1.6 | -67.5 | Reflex |
| 282 | 1.6 | -67.6 | Reflex |
| 285 | 1.3 | -67.6 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|
| 288 | 1.4 | -67.5 | Reflex |
| 291 | 1.1 | -67.5 | Reflex |
| 297 | 1.4 | -67.5 | Reflex |
| 300 | 1 | -67.5 | Reflex |
| 306 | 2.9 | -67.5 | Reflex |
| 309 | 3.1 | -67.5 | Reflex |
| 312 | 3 | -67.5 | Reflex |
| 315 | 2.2 | -67.6 | Reflex |
| 318 | 2.9 | -67.5 | Reflex |
| 321 | 3.2 | -67.5 | Reflex |
| 324 | 2.6 | -67.5 | Reflex |
| 327 | 2.9 | -67.5 | Reflex |
| 330 | 3.2 | -67.4 | Reflex |
| 333 | 3.6 | -67.5 | Reflex |
| 336 | 3.1 | -67.5 | Reflex |
| 339 | 3.3 | -67.5 | Reflex |
| 342 | 3.5 | -67.5 | Reflex |
| 345 | 3.6 | -67.5 | Reflex |
| 348 | 3.6 | -67.5 | Reflex |
| 351 | 3.1 | -67.5 | Reflex |
| 354 | 3.6 | -67.5 | Reflex |
| 357 | 3.3 | -67.5 | Reflex |
| 360 | 3 | -67.5 | Reflex |
| 363 | 2.8 | -67.5 | Reflex |
| 366 | 2.7 | -67.4 | Reflex |
| 369 | 2.7 | -67.4 | Reflex |
| 372 | 2.8 | -67.3 | Reflex |
| 375 | 2.8 | -67.4 | Reflex |
| 378 | 2.9 | -67.4 | Reflex |
| 381 | 3 | -67.4 | Reflex |
| 384 | 3 | -67.3 | Reflex |
| 387 | 3.2 | -67.4 | Reflex |
| 390 | 3.2 | -67.4 | Reflex |
| 393 | 3.5 | -67.3 | Reflex |
| 396 | 3.3 | -67.3 | Reflex |
| 399 | 3.2 | -67.3 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|
| 402 | 3.9 | -67.3 | Reflex |
| 405 | 3.2 | -67.3 | Reflex |
| 408 | 3.5 | -67.3 | Reflex |
| 411 | 3.2 | -67.3 | Reflex |
| 414 | 3.2 | -67.3 | Reflex |
| 417 | 3.3 | -67.3 | Reflex |
| 420 | 3.7 | -67.3 | Reflex |
| 423 | 4 | -67.3 | Reflex |
| 426 | 3.9 | -67.3 | Reflex |
| 429 | 3.5 | -67.3 | Reflex |
| 432 | 3.4 | -67.3 | Reflex |
| 435 | 4 | -67.3 | Reflex |
| 438 | 3.6 | -67.3 | Reflex |
| 441 | 3.2 | -67.3 | Reflex |
| 444 | 3.9 | -67.4 | Reflex |
| 453 | 3.2 | -67.3 | Reflex |
| 456 | 3.8 | -67.3 | Reflex |
| 459 | 3.9 | -67.4 | Reflex |
| 462 | 4.8 | -67.3 | Reflex |
| 465 | 4.8 | -67.3 | Reflex |
| 468 | 4.7 | -67.3 | Reflex |
| 471 | 4.8 | -67.3 | Reflex |
| 474 | 4.7 | -67.3 | Reflex |
| 477 | 3.4 | -67.3 | Reflex |
| 483 | 4.4 | -67.3 | Reflex |
| 489 | 2.5 | -67.3 | Reflex |
| 492 | 3.5 | -67.3 | Reflex |
| 498 | 4.8 | -67.4 | Reflex |
| 501 | 4.3 | -67.4 | Reflex |
| 504 | 4.7 | -67.4 | Reflex |
| 507 | 4 | -67.4 | Reflex |
| 510 | 4.2 | -67.4 | Reflex |
| 513 | 4.3 | -67.3 | Reflex |
| 516 | 4.1 | -67.4 | Reflex |
| 519 | 4.2 | -67.4 | Reflex |
| 522 | 4.4 | -67.3 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|
| 525 | 4.8 | -67.3 | Reflex |
| 528 | 4.3 | -67.3 | Reflex |
| 531 | 4.5 | -67.3 | Reflex |
| 534 | 4.5 | -67.3 | Reflex |
| 537 | 4.9 | -67.3 | Reflex |
| 540 | 4.3 | -67.3 | Reflex |
| 543 | 4.5 | -67.4 | Reflex |
| 546 | 4.2 | -67.3 | Reflex |
| 549 | 4.9 | -67.4 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------|-------------------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | Total | |
| 234 | 235.5 | 456211 | A18-00585 | 3.97 | 5 | - | - | - | - | - | 0.01 |
| 540 | 541.5 | 456434 | A18-00585 | 3.61 | 456 | - | - | - | - | - | 0.46 |
| 388.5 | 390 | 456323 | A18-00585 | 4.18 | 5 | - | - | - | - | - | 0.01 |
| 310.5 | 312 | 456267 | A18-00585 | 3.97 | 14 | - | - | - | - | - | 0.01 |
| 88.5 | 90 | 456106 | A18-00585 | 3.5 | 7 | - | - | - | - | - | 0.01 |
| 100.5 | 102 | 456114 | A18-00585 | 4.27 | 9 | - | - | - | - | - | 0.01 |
| 309 | 310.5 | 456266 | A18-00585 | 3.77 | 15 | - | - | - | - | - | 0.02 |
| 477 | 478.5 | 456388 | A18-00585 | 3.91 | 8 | - | - | - | - | - | 0.01 |
| 62 | 63.5 | 456085 | A18-00585 | 3.51 | 8 | - | - | - | - | - | 0.01 |
| 229.5 | 231 | 456208 | A18-00585 | 3.73 | 5 | - | - | - | - | - | 0.01 |
| 181.5 | 183 | 456173 | A18-00585 | 4.23 | 9 | - | - | - | - | - | 0.01 |
| 127.5 | 129 | 456134 | A18-00585 | 3.73 | 14 | - | - | - | - | - | 0.01 |
| 343.5 | 345 | 456291 | A18-00585 | 3.66 | 499 | - | - | - | - | - | 0.5 |
| 355.5 | 357 | 456299 | A18-00585 | 3.63 | 98 | - | - | - | - | - | 0.1 |
| 285 | 286.5 | 456248 | A18-00585 | 3.8 | 18 | - | - | - | - | - | 0.02 |
| 14.5 | 16 | 456048 | A18-00585 | 3.92 | 7 | - | - | - | - | - | 0.01 |
| 256.5 | 258 | 456227 | A18-00585 | 3.71 | 19 | - | - | - | - | - | 0.02 |
| 138 | 139.5 | 456142 | A18-00585 | 3.49 | 26 | - | - | - | - | - | 0.03 |
| 216 | 217.5 | 456198 | A18-00585 | 3.95 | 9 | - | - | - | - | - | 0.01 |
| 168 | 169.5 | 456163 | A18-00585 | 4.12 | 14 | - | - | - | - | - | 0.01 |
| 457.5 | 459 | 456374 | A18-00585 | 3.85 | 106 | - | - | - | - | - | 0.11 |
| 177 | 178.5 | 456170 | A18-00585 | 4.47 | 14 | - | - | - | - | - | 0.01 |
| 91.5 | 93 | 456108 | A18-00585 | 4.05 | 25 | - | - | - | - | - | 0.03 |
| 17.71 | 19 | 456051 | A18-00585 | 3.26 | 10 | - | - | - | - | - | 0.01 |
| 65 | 66 | 456087 | A18-00585 | 2.29 | 7 | - | - | - | - | - | 0.01 |
| 223.5 | 225 | 456204 | A18-00585 | 4 | 16 | - | - | - | - | - | 0.02 |
| 376.5 | 378 | 456314 | A18-00585 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 97.5 | 99 | 456112 | A18-00585 | 2.95 | 17 | - | - | - | - | - | 0.02 |
| 520.5 | 522 | 456420 | A18-00585 | 3.95 | 7 | - | - | - | - | - | 0.01 |
| 367.5 | 369 | 456308 | A18-00585 | 4.18 | 219 | - | - | - | - | - | 0.22 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 481.5 | 483 | 456392 | A18-00585 | 3.83 | 7 | - | - | - | - | - | 0.01 |
| 126 | 127.5 | 456133 | A18-00585 | 3.68 | 28 | - | - | - | - | - | 0.03 |
| 265.5 | 267 | 456234 | A18-00585 | 3.99 | 105 | - | - | - | - | - | 0.11 |
| 345 | 346.5 | 456292 | A18-00585 | 2.95 | 25 | - | - | - | - | - | 0.03 |
| 264 | 265.5 | 456233 | A18-00585 | 3.89 | 116 | - | - | - | - | - | 0.12 |
| 11.5 | 13 | 456046 | A18-00585 | 3.61 | 5 | - | - | - | - | - | 0.01 |
| 165 | 166.5 | 456161 | A18-00585 | 3.61 | 11 | - | - | - | - | - | 0.01 |
| 69.5 | 70.79 | 456092 | A18-00585 | 2.99 | 6 | - | - | - | - | - | 0.01 |
| 114 | 115.5 | 456124 | A18-00585 | 4.01 | 10 | - | - | - | - | - | 0.01 |
| 348 | 349.5 | 456294 | A18-00585 | 3.65 | 88 | - | - | - | - | - | 0.09 |
| 336 | 337.5 | 456285 | A18-00585 | 3.89 | 11 | - | - | - | - | - | 0.01 |
| 17 | 17.71 | 456050 | A18-00585 | 1.93 | 14 | - | - | - | - | - | 0.01 |
| 3 | 4.5 | 456038 | A18-00585 | 4.3 | 6 | - | - | - | - | - | 0.01 |
| 504 | 505.5 | 456408 | A18-00585 | 4.34 | 11 | - | - | - | - | - | 0.01 |
| 441 | 442.5 | 456362 | A18-00585 | 3.7 | 275 | - | - | - | - | - | 0.28 |
| 294 | 295.5 | 456255 | A18-00585 | 3.98 | 9 | - | - | - | - | - | 0.01 |
| 213 | 214.5 | 456196 | A18-00585 | 4.06 | 14 | - | - | - | - | - | 0.01 |
| 132 | 133.5 | 456137 | A18-00585 | 4.01 | 12 | - | - | - | - | - | 0.01 |
| 331.5 | 333 | 456282 | A18-00585 | 3.56 | 67 | - | - | - | - | - | 0.07 |
| 304.5 | 306 | 456262 | A18-00585 | 3.58 | 80 | - | - | - | - | - | 0.08 |
| 381 | 382.5 | 456318 | A18-00585 | 4.33 | 5 | - | - | - | - | - | 0.01 |
| 102 | 103.5 | 456116 | A18-00585 | 3.68 | 11 | - | - | - | - | - | 0.01 |
| 468 | 469.5 | 456382 | A18-00585 | 3.81 | 19 | - | - | - | - | - | 0.02 |
| 145.5 | 147 | 456147 | A18-00585 | 4.05 | 25 | - | - | - | - | - | 0.03 |
| 53.5 | 55 | 456077 | A18-00585 | 3.75 | 10 | - | - | - | - | - | 0.01 |
| 252 | 253.5 | 456224 | A18-00585 | 3.9 | 30 | - | - | - | - | - | 0.03 |
| 508.5 | 510 | 456411 | A18-00585 | 3.96 | 10 | - | - | - | - | - | 0.01 |
| 244.5 | 246 | 456219 | A18-00585 | 3.77 | 12 | - | - | - | - | - | 0.01 |
| 204 | 205.5 | 456189 | A18-00585 | 4.31 | 7 | - | - | - | - | - | 0.01 |
| 52 | 53.5 | 456076 | A18-00585 | 3.6 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 396 | 397.5 | 456329 | A18-00585 | 3.85 | 25 | - | - | - | - | - | 0.03 |
| 451.5 | 453 | 456370 | A18-00585 | 4.01 | 94 | - | - | - | - | - | 0.09 |
| 486 | 487.5 | 456395 | A18-00585 | 3.72 | 7 | - | - | - | - | - | 0.01 |
| 10 | 11.5 | 456045 | A18-00585 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 349.5 | 351 | 456295 | A18-00585 | 3.76 | 19 | - | - | - | - | - | 0.02 |
| 423 | 424.5 | 456349 | A18-00585 | 4.03 | 38 | - | - | - | - | - | 0.04 |
| 207 | 208.5 | 456192 | A18-00585 | 3.98 | 21 | - | - | - | - | - | 0.02 |
| 208.5 | 210 | 456193 | A18-00585 | 3.82 | 100 | - | - | - | - | - | 0.1 |
| 472.5 | 474 | 456385 | A18-00585 | 3.61 | 32 | - | - | - | - | - | 0.03 |
| 484.5 | 486 | 456394 | A18-00585 | 3.74 | 10 | - | - | - | - | - | 0.01 |
| 225 | 226.5 | 456205 | A18-00585 | 4.04 | 8 | - | - | - | - | - | 0.01 |
| 7.25 | 8 | 456042 | A18-00585 | 3.03 | 76 | - | - | - | - | - | 0.08 |
| 456 | 457.5 | 456373 | A18-00585 | 3.57 | 109 | - | - | - | - | - | 0.11 |
| 174 | 175.5 | 456168 | A18-00585 | 4.02 | 14 | - | - | - | - | - | 0.01 |
| 432 | 433.5 | 456356 | A18-00585 | 3.26 | 91 | - | - | - | - | - | 0.09 |
| 253.5 | 255 | 456225 | A18-00585 | 4.04 | 88 | - | - | - | - | - | 0.09 |
| 379.5 | 381 | 456317 | A18-00585 | 3.73 | 83 | - | - | - | - | - | 0.08 |
| 469.5 | 471 | 456383 | A18-00585 | 3.92 | 14 | - | - | - | - | - | 0.01 |
| 105 | 106.5 | 456118 | A18-00585 | 3.63 | 12 | - | - | - | - | - | 0.01 |
| 415.5 | 417 | 456344 | A18-00585 | 3.88 | 9 | - | - | - | - | - | 0.01 |
| 406.5 | 408 | 456336 | A18-00585 | 4.12 | 12 | - | - | - | - | - | 0.01 |
| 280.5 | 282 | 456245 | A18-00585 | 4.29 | 6 | - | - | - | - | - | 0.01 |
| 50.5 | 52 | 456075 | A18-00585 | 3.78 | 5 | - | - | - | - | - | 0.01 |
| 361.5 | 363 | 456304 | A18-00585 | 4.02 | 113 | - | - | - | - | - | 0.11 |
| 243 | 244.5 | 456218 | A18-00585 | 3.76 | 7 | - | - | - | - | - | 0.01 |
| 436.5 | 438 | 456359 | A18-00585 | 3.97 | 71 | - | - | - | - | - | 0.07 |
| 211.5 | 213 | 456195 | A18-00585 | 3.92 | 52 | - | - | - | - | - | 0.05 |
| 411 | 412.35 | 456339 | A18-00585 | 3.48 | 136 | - | - | - | - | - | 0.14 |
| 133.5 | 135 | 456138 | A18-00585 | 4.1 | 79 | - | - | - | - | - | 0.08 |
| 358.5 | 360 | 456301 | A18-00585 | 3.64 | 114 | - | - | - | - | - | 0.11 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 226.5 | 228 | 456206 | A18-00585 | 3.9 | 6 | - | - | - | - | - | 0.01 |
| 8 | 9.27 | 456043 | A18-00585 | 3.58 | 5 | - | - | - | - | - | 0.01 |
| 172.5 | 174 | 456167 | A18-00585 | 4.28 | 12 | - | - | - | - | - | 0.01 |
| 454.5 | 456 | 456372 | A18-00585 | 4.05 | 155 | - | - | - | - | - | 0.16 |
| 529.5 | 531 | 456426 | A18-00585 | 4.23 | 90 | - | - | - | - | - | 0.09 |
| 453 | 454.5 | 456371 | A18-00585 | 4.2 | 222 | - | - | - | - | - | 0.22 |
| 435 | 436.5 | 456358 | A18-00585 | 3.65 | 63 | - | - | - | - | - | 0.06 |
| 385.5 | 387 | 456321 | A18-00585 | 3.6 | 5 | - | - | - | - | - | 0.01 |
| 108 | 109.5 | 456120 | A18-00585 | 3.82 | 17 | - | - | - | - | - | 0.02 |
| 196.5 | 198 | 456184 | A18-00585 | 3.95 | 73 | - | - | - | - | - | 0.07 |
| 41.5 | 43 | 456069 | A18-00585 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 20.5 | 22 | 456054 | A18-00585 | 3.89 | 5 | - | - | - | - | - | 0.01 |
| 532.5 | 534 | 456429 | A18-00585 | 3.96 | 2.5 | - | - | - | - | - | < DL |
| 378 | 379.5 | 456316 | A18-00585 | 3.72 | 12 | - | - | - | - | - | 0.01 |
| 363 | 364.5 | 456305 | A18-00585 | 3.79 | 49 | - | - | - | - | - | 0.05 |
| 445.5 | 447 | 456366 | A18-00585 | 4.58 | 49 | - | - | - | - | - | 0.05 |
| 412.35 | 412.9 | 456341 | A18-00585 | 1.43 | 414 | - | - | - | - | - | 0.41 |
| 495 | 496.5 | 456401 | A18-00585 | 4.07 | 15 | - | - | - | - | - | 0.02 |
| 106.5 | 108 | 456119 | A18-00585 | 3.02 | 13 | - | - | - | - | - | 0.01 |
| 258 | 259.5 | 456229 | A18-00585 | 3.83 | 48 | - | - | - | - | - | 0.05 |
| 418.5 | 420 | 456346 | A18-00585 | 3.87 | 18 | - | - | - | - | - | 0.02 |
| 135 | 136.5 | 456139 | A18-00585 | 3.42 | 50 | - | - | - | - | - | 0.05 |
| 522 | 523.5 | 456421 | A18-00585 | 3.61 | 9 | - | - | - | - | - | 0.01 |
| 372 | 373.5 | 456311 | A18-00585 | 3.9 | 19 | - | - | - | - | - | 0.02 |
| 514.5 | 516 | 456416 | A18-00585 | 3.95 | 198 | - | - | - | - | - | 0.2 |
| 199.5 | 201 | 456186 | A18-00585 | 4.19 | 84 | - | - | - | - | - | 0.08 |
| 93 | 94.5 | 456109 | A18-00585 | 3.89 | 39 | - | - | - | - | - | 0.04 |
| 23.5 | 25 | 456056 | A18-00585 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 112.5 | 114 | 456123 | A18-00585 | 3.88 | 133 | - | - | - | - | - | 0.13 |
| 424.5 | 426 | 456350 | A18-00585 | 3.97 | 14 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 32.5 | 34 | 456062 | A18-00585 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97.5 | 456111 | A18-00585 | 3.56 | 7 | - | - | - | - | - | 0.01 |
| 35.5 | 37 | 456064 | A18-00585 | 3.44 | 6 | - | - | - | - | - | 0.01 |
| 321 | 322.5 | 456274 | A18-00585 | 3.88 | 48 | - | - | - | - | - | 0.05 |
| 403.5 | 405 | 456334 | A18-00585 | 3.57 | 48 | - | - | - | - | - | 0.05 |
| 535.5 | 537 | 456431 | A18-00585 | 3.72 | 14 | - | - | - | - | - | 0.01 |
| 322.5 | 324 | 456275 | A18-00585 | 3.86 | 103 | - | - | - | - | - | 0.1 |
| 109.5 | 111 | 456121 | A18-00585 | 3.97 | 13 | - | - | - | - | - | 0.01 |
| 498 | 499.5 | 456404 | A18-00585 | 3.49 | 5 | - | - | - | - | - | 0.01 |
| 40 | 41.5 | 456068 | A18-00585 | 3.71 | 15 | - | - | - | - | - | 0.02 |
| 291 | 292.5 | 456252 | A18-00585 | 4.22 | 10 | - | - | - | - | - | 0.01 |
| 448.5 | 450 | 456368 | A18-00585 | 4.33 | 279 | - | - | - | - | - | 0.28 |
| 157.5 | 159 | 456156 | A18-00585 | 3.72 | 8 | - | - | - | - | - | 0.01 |
| 261 | 262.5 | 456231 | A18-00585 | 3.99 | 116 | - | - | - | - | - | 0.12 |
| 123 | 124.5 | 456131 | A18-00585 | 3.82 | 11 | - | - | - | - | - | 0.01 |
| 297 | 298.5 | 456257 | A18-00585 | 4.91 | 10 | - | - | - | - | - | 0.01 |
| 67 | 68 | 456089 | A18-00585 | 2.5 | 9 | - | - | - | - | - | 0.01 |
| 90 | 91.5 | 456107 | A18-00585 | 3.2 | 8 | - | - | - | - | - | 0.01 |
| 271.5 | 273 | 456238 | A18-00585 | 4.06 | 46 | - | - | - | - | - | 0.05 |
| 237 | 238.5 | 456213 | A18-00585 | 4.34 | 9 | - | - | - | - | - | 0.01 |
| 222 | 223.5 | 456202 | A18-00585 | 4.06 | 11 | - | - | - | - | - | 0.01 |
| 492 | 493.5 | 456399 | A18-00585 | 3.93 | 182 | - | - | - | - | - | 0.18 |
| 417 | 418.5 | 456345 | A18-00585 | 3.56 | 51 | - | - | - | - | - | 0.05 |
| 276 | 277.5 | 456242 | A18-00585 | 3.71 | 68 | - | - | - | - | - | 0.07 |
| 160.5 | 162 | 456158 | A18-00585 | 3.71 | 10 | - | - | - | - | - | 0.01 |
| 543 | 544.5 | 456436 | A18-00585 | 4.47 | 285 | - | - | - | - | - | 0.28 |
| 189 | 190.5 | 456179 | A18-00585 | 4.46 | 7 | - | - | - | - | - | 0.01 |
| 103.5 | 105 | 456117 | A18-00585 | 3.44 | 11 | - | - | - | - | - | 0.01 |
| 474 | 475.5 | 456386 | A18-00585 | 3.91 | 6 | - | - | - | - | - | 0.01 |
| 46 | 47.5 | 456072 | A18-00585 | 3.64 | 6 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 118.5 | 120 | 456127 | A18-00585 | 3.68 | 13 | - | - | - | - | - | 0.01 |
| 408 | 409.5 | 456337 | A18-00585 | 3.82 | 8 | - | - | - | - | - | 0.01 |
| 201 | 202.5 | 456187 | A18-00585 | 4.1 | 48 | - | - | - | - | - | 0.05 |
| 55 | 56.5 | 456079 | A18-00585 | 3.5 | 7 | - | - | - | - | - | 0.01 |
| 391.5 | 393 | 456325 | A18-00585 | 3.76 | 32 | - | - | - | - | - | 0.03 |
| 162 | 163.5 | 456159 | A18-00585 | 3.7 | 238 | - | - | - | - | - | 0.24 |
| 270 | 271.5 | 456237 | A18-00585 | 3.47 | 44 | - | - | - | - | - | 0.04 |
| 475.5 | 477 | 456387 | A18-00585 | 3.56 | 6 | - | - | - | - | - | 0.01 |
| 438 | 439.5 | 456360 | A18-00585 | 3.93 | 25 | - | - | - | - | - | 0.03 |
| 9.27 | 10 | 456044 | A18-00585 | 1.59 | 278 | - | - | - | - | - | 0.28 |
| 390 | 391.5 | 456324 | A18-00585 | 4.08 | 15 | - | - | - | - | - | 0.02 |
| 232.5 | 234 | 456210 | A18-00585 | 3.95 | 8 | - | - | - | - | - | 0.01 |
| 268.5 | 270 | 456236 | A18-00585 | 3.53 | 10 | - | - | - | - | - | 0.01 |
| 427.5 | 429 | 456352 | A18-00585 | 3.99 | 5 | - | - | - | - | - | 0.01 |
| 241.5 | 243 | 456217 | A18-00585 | 3.75 | 24 | - | - | - | - | - | 0.02 |
| 393 | 394.5 | 456326 | A18-00585 | 3.6 | 10 | - | - | - | - | - | 0.01 |
| 430.5 | 432 | 456355 | A18-00585 | 3.77 | 54 | - | - | - | - | - | 0.05 |
| 544.5 | 546 | 456437 | A18-00585 | 3.37 | 50 | - | - | - | - | - | 0.05 |
| 44.5 | 46 | 456071 | A18-00585 | 3.47 | 10 | - | - | - | - | - | 0.01 |
| 117 | 118.5 | 456126 | A18-00585 | 3.61 | 9 | - | - | - | - | - | 0.01 |
| 400.5 | 402 | 456332 | A18-00585 | 3.72 | 93 | - | - | - | - | - | 0.09 |
| 405 | 406.5 | 456335 | A18-00585 | 4.22 | 88 | - | - | - | - | - | 0.09 |
| 510 | 511.5 | 456412 | A18-00585 | 4.52 | 34 | - | - | - | - | - | 0.03 |
| 2 | 3 | 456037 | A18-00585 | 2.29 | 13 | - | - | - | - | - | 0.01 |
| 300 | 301.5 | 456259 | A18-00585 | 3.98 | 44 | - | - | - | - | - | 0.04 |
| 214.5 | 216 | 456197 | A18-00585 | 4 | 28 | - | - | - | - | - | 0.03 |
| 462 | 463.5 | 456377 | A18-00585 | 3.53 | 50 | - | - | - | - | - | 0.05 |
| 277.5 | 279 | 456243 | A18-00585 | 4.45 | 81 | - | - | - | - | - | 0.08 |
| 442.5 | 444 | 456363 | A18-00585 | 3.43 | 45 | - | - | - | - | - | 0.05 |
| 292.5 | 294 | 456254 | A18-00585 | 4.05 | 10 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 490.5 | 492 | 456398 | A18-00585 | 4.11 | 28 | - | - | - | - | - | 0.03 |
| 375 | 376.5 | 456313 | A18-00585 | 3.84 | 17 | - | - | - | - | - | 0.02 |
| 99 | 100.5 | 456113 | A18-00585 | 3.55 | 9 | - | - | - | - | - | 0.01 |
| 301.5 | 303 | 456260 | A18-00585 | 4.12 | 67 | - | - | - | - | - | 0.07 |
| 502.5 | 504 | 456407 | A18-00585 | 4.15 | 5 | - | - | - | - | - | 0.01 |
| 420 | 421.5 | 456347 | A18-00585 | 3.55 | 6 | - | - | - | - | - | 0.01 |
| 178.5 | 180 | 456171 | A18-00585 | 4.27 | 8 | - | - | - | - | - | 0.01 |
| 66 | 67 | 456088 | A18-00585 | 2.21 | 6 | - | - | - | - | - | 0.01 |
| 61 | 62 | 456084 | A18-00585 | 2.45 | 43 | - | - | - | - | - | 0.04 |
| 136.5 | 138 | 456141 | A18-00585 | 3.52 | 6 | - | - | - | - | - | 0.01 |
| 186 | 187.5 | 456176 | A18-00585 | 4.01 | 8 | - | - | - | - | - | 0.01 |
| 171 | 172.5 | 456166 | A18-00585 | 3.97 | 26 | - | - | - | - | - | 0.03 |
| 463.5 | 465 | 456379 | A18-00585 | 1.79 | 20 | - | - | - | - | - | 0.02 |
| 144 | 145.5 | 456146 | A18-00585 | 3.43 | 13 | - | - | - | - | - | 0.01 |
| 307.5 | 309 | 456264 | A18-00585 | 3.89 | 40 | - | - | - | - | - | 0.04 |
| 339 | 340.5 | 456287 | A18-00585 | 3.87 | 103 | - | - | - | - | - | 0.1 |
| 366 | 367.5 | 456307 | A18-00585 | 2.68 | 85 | - | - | - | - | - | 0.09 |
| 76.5 | 78 | 456097 | A18-00585 | 3.4 | 7 | - | - | - | - | - | 0.01 |
| 496.5 | 498 | 456402 | A18-00585 | 3.79 | 9 | - | - | - | - | - | 0.01 |
| 489 | 490.5 | 456397 | A18-00585 | 3.94 | 8 | - | - | - | - | - | 0.01 |
| 325.5 | 327 | 456277 | A18-00585 | 3.93 | 49 | - | - | - | - | - | 0.05 |
| 68 | 69.5 | 456091 | A18-00585 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 31 | 32.5 | 456061 | A18-00585 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 352.5 | 354 | 456297 | A18-00585 | 3.87 | 136 | - | - | - | - | - | 0.14 |
| 324 | 325.5 | 456276 | A18-00585 | 3.97 | 145 | - | - | - | - | - | 0.14 |
| 549 | 550.5 | 456441 | A18-00585 | 3.41 | 31 | - | - | - | - | - | 0.03 |
| 154.5 | 156 | 456154 | A18-00585 | 4.13 | 13 | - | - | - | - | - | 0.01 |
| 156 | 157.5 | 456155 | A18-00585 | 3.46 | 21 | - | - | - | - | - | 0.02 |
| 141 | 142.5 | 456144 | A18-00585 | 3.54 | 32 | - | - | - | - | - | 0.03 |
| 192 | 193.5 | 456181 | A18-00585 | 3.73 | 38 | - | - | - | - | - | 0.04 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 184.5 | 186 | 456175 | A18-00585 | 3.36 | 12 | - | - | - | - | - | 0.01 |
| 525 | 526.5 | 456423 | A18-00585 | 3.84 | 5 | - | - | - | - | - | 0.01 |
| 82.5 | 84 | 456101 | A18-00585 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 328.5 | 330 | 456280 | A18-00585 | 3.74 | 47 | - | - | - | - | - | 0.05 |
| 384 | 385.5 | 456320 | A18-00585 | 3.87 | 7 | - | - | - | - | - | 0.01 |
| 238.5 | 240 | 456214 | A18-00585 | 3.63 | 11 | - | - | - | - | - | 0.01 |
| 60 | 61 | 456083 | A18-00585 | 2.96 | 13 | - | - | - | - | - | 0.01 |
| 58.5 | 60 | 456082 | A18-00585 | 3.63 | 6 | - | - | - | - | - | 0.01 |
| 273 | 274.5 | 456239 | A18-00585 | 3.7 | 42 | - | - | - | - | - | 0.04 |
| 426 | 427.5 | 456351 | A18-00585 | 4.03 | 27 | - | - | - | - | - | 0.03 |
| 94.5 | 96 | 456110 | A18-00585 | 3.71 | 8 | - | - | - | - | - | 0.01 |
| 228 | 229.5 | 456207 | A18-00585 | 3.8 | 6 | - | - | - | - | - | 0.01 |
| 538.5 | 540 | 456433 | A18-00585 | 4.27 | 7 | - | - | - | - | - | 0.01 |
| 471 | 472.5 | 456384 | A18-00585 | 3.53 | 11 | - | - | - | - | - | 0.01 |
| 519 | 520.5 | 456419 | A18-00585 | 3.83 | 5 | - | - | - | - | - | 0.01 |
| 546 | 547.5 | 456438 | A18-00585 | 4.53 | 22 | - | - | - | - | - | 0.02 |
| 195 | 196.5 | 456183 | A18-00585 | 4.01 | 8 | - | - | - | - | - | 0.01 |
| 387 | 388.5 | 456322 | A18-00585 | 3.76 | 5 | - | - | - | - | - | 0.01 |
| 433.5 | 435 | 456357 | A18-00585 | 3.72 | 23 | - | - | - | - | - | 0.02 |
| 394.5 | 396 | 456327 | A18-00585 | 3.58 | 12 | - | - | - | - | - | 0.01 |
| 399 | 400.5 | 456331 | A18-00585 | 4.06 | 52 | - | - | - | - | - | 0.05 |
| 121.5 | 123 | 456130 | A18-00585 | 4.12 | 6 | - | - | - | - | - | 0.01 |
| 1.2 | 2 | 456036 | A18-00585 | 1.79 | 2.5 | - | - | - | - | - | < DL |
| 298.5 | 300 | 456258 | A18-00585 | 4.16 | 45 | - | - | - | - | - | 0.05 |
| 447 | 448.5 | 456367 | A18-00585 | 3.9 | 18 | - | - | - | - | - | 0.02 |
| 6 | 7.25 | 456041 | A18-00585 | 1.93 | 2.5 | - | - | - | - | - | < DL |
| 465 | 466.5 | 456380 | A18-00585 | 5.73 | 24 | - | - | - | - | - | 0.02 |
| 262.5 | 264 | 456232 | A18-00585 | 3.53 | 85 | - | - | - | - | - | 0.09 |
| 150 | 151.5 | 456150 | A18-00585 | 3.83 | 16 | - | - | - | - | - | 0.02 |
| 246 | 247.5 | 456220 | A18-00585 | 3.76 | 16 | - | - | - | - | - | 0.02 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|-------|---|---------------|
| | | | | | | | MeshB | 100Mesh | Total | | |
| 151.5 | 153 | 456151 | A18-00585 | 3.27 | 7 | - | - | - | - | - | 0.01 |
| 480 | 481.5 | 456391 | A18-00585 | 4.05 | 28 | - | - | - | - | - | 0.03 |
| 13 | 14.5 | 456047 | A18-00585 | 3.98 | 5 | - | - | - | - | - | 0.01 |
| 333 | 334.5 | 456283 | A18-00585 | 4.04 | 93 | - | - | - | - | - | 0.09 |
| 337.5 | 339 | 456286 | A18-00585 | 3.53 | 10 | - | - | - | - | - | 0.01 |
| 130.5 | 132 | 456136 | A18-00585 | 3.71 | 76 | - | - | - | - | - | 0.08 |
| 73.5 | 75 | 456095 | A18-00585 | 3.74 | 6 | - | - | - | - | - | 0.01 |
| 249 | 250.5 | 456222 | A18-00585 | 3.99 | 7 | - | - | - | - | - | 0.01 |
| 340.5 | 342 | 456288 | A18-00585 | 3.87 | 36 | - | - | - | - | - | 0.04 |
| 318 | 319.5 | 456272 | A18-00585 | 4.05 | 17 | - | - | - | - | - | 0.02 |
| 295.5 | 297 | 456256 | A18-00585 | 4.18 | 10 | - | - | - | - | - | 0.01 |
| 460.5 | 462 | 456376 | A18-00585 | 4.11 | 16 | - | - | - | - | - | 0.02 |
| 159 | 160.5 | 456157 | A18-00585 | 3.93 | 7 | - | - | - | - | - | 0.01 |
| 169.5 | 171 | 456164 | A18-00585 | 4.12 | 18 | - | - | - | - | - | 0.02 |
| 429 | 430.5 | 456354 | A18-00585 | 3.85 | 95 | - | - | - | - | - | 0.1 |
| 493.5 | 495 | 456400 | A18-00585 | 3.56 | 6 | - | - | - | - | - | 0.01 |
| 43 | 44.5 | 456070 | A18-00585 | 3.62 | 6 | - | - | - | - | - | 0.01 |
| 511.5 | 513 | 456413 | A18-00585 | 3.85 | 29 | - | - | - | - | - | 0.03 |
| 283.5 | 285 | 456247 | A18-00585 | 3.95 | 14 | - | - | - | - | - | 0.01 |
| 38.5 | 40 | 456067 | A18-00585 | 3.46 | 66 | - | - | - | - | - | 0.07 |
| 541.5 | 543 | 456435 | A18-00585 | 4.21 | 34 | - | - | - | - | - | 0.03 |
| 499.5 | 501 | 456405 | A18-00585 | 2.96 | 13 | - | - | - | - | - | 0.01 |
| 37 | 38.5 | 456066 | A18-00585 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 456098 | A18-00585 | 3.63 | 6 | - | - | - | - | - | 0.01 |
| 139.5 | 141 | 456143 | A18-00585 | 3.57 | 25 | - | - | - | - | - | 0.03 |
| 360 | 361.5 | 456302 | A18-00585 | 3.74 | 137 | - | - | - | - | - | 0.14 |
| 409.5 | 411 | 456338 | A18-00585 | 3.82 | 33 | - | - | - | - | - | 0.03 |
| 412.9 | 414 | 456342 | A18-00585 | 2.66 | 41 | - | - | - | - | - | 0.04 |
| 459 | 460.5 | 456375 | A18-00585 | 3.43 | 9 | - | - | - | - | - | 0.01 |
| 190.5 | 192 | 456180 | A18-00585 | 4.25 | 12 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 523.5 | 525 | 456422 | A18-00585 | 3.64 | 6 | - | - | - | - | - | 0.01 |
| 528 | 529.5 | 456425 | A18-00585 | 3.67 | 8 | - | - | - | - | - | 0.01 |
| 25 | 26.5 | 456057 | A18-00585 | 3.51 | 6 | - | - | - | - | - | 0.01 |
| 501 | 502.5 | 456406 | A18-00585 | 4.14 | 26 | - | - | - | - | - | 0.03 |
| 421.5 | 423 | 456348 | A18-00585 | 3.59 | 15 | - | - | - | - | - | 0.02 |
| 180 | 181.5 | 456172 | A18-00585 | 4.18 | 17 | - | - | - | - | - | 0.02 |
| 274.5 | 276 | 456241 | A18-00585 | 3.64 | 111 | - | - | - | - | - | 0.11 |
| 4.5 | 6 | 456039 | A18-00585 | 4.44 | 51 | - | - | - | - | - | 0.05 |
| 505.5 | 507 | 456409 | A18-00585 | 4.39 | 14 | - | - | - | - | - | 0.01 |
| 202.5 | 204 | 456188 | A18-00585 | 3.78 | 6 | - | - | - | - | - | 0.01 |
| 357 | 358.5 | 456300 | A18-00585 | 3.46 | 145 | - | - | - | - | - | 0.14 |
| 439.5 | 441 | 456361 | A18-00585 | 4.08 | 38 | - | - | - | - | - | 0.04 |
| 267 | 268.5 | 456235 | A18-00585 | 3.88 | 75 | - | - | - | - | - | 0.08 |
| 153 | 154.5 | 456152 | A18-00585 | 4.08 | 11 | - | - | - | - | - | 0.01 |
| 240 | 241.5 | 456216 | A18-00585 | 3.78 | 12 | - | - | - | - | - | 0.01 |
| 231 | 232.5 | 456209 | A18-00585 | 3.76 | 29 | - | - | - | - | - | 0.03 |
| 466.5 | 468 | 456381 | A18-00585 | 3.84 | 10 | - | - | - | - | - | 0.01 |
| 81 | 82.5 | 456100 | A18-00585 | 3.61 | 5 | - | - | - | - | - | 0.01 |
| 47.5 | 49 | 456073 | A18-00585 | 3.56 | 6 | - | - | - | - | - | 0.01 |
| 513 | 514.5 | 456414 | A18-00585 | 4.44 | 6 | - | - | - | - | - | 0.01 |
| 56.5 | 57 | 456080 | A18-00585 | 1.24 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148.5 | 456148 | A18-00585 | 2.79 | 9 | - | - | - | - | - | 0.01 |
| 250.5 | 252 | 456223 | A18-00585 | 3.47 | 6 | - | - | - | - | - | 0.01 |
| 72 | 73.5 | 456094 | A18-00585 | 3.95 | 6 | - | - | - | - | - | 0.01 |
| 175.5 | 177 | 456169 | A18-00585 | 4.08 | 62 | - | - | - | - | - | 0.06 |
| 316.5 | 318 | 456271 | A18-00585 | 3.8 | 52 | - | - | - | - | - | 0.05 |
| 205.5 | 207 | 456191 | A18-00585 | 3.66 | 42 | - | - | - | - | - | 0.04 |
| 478.5 | 480 | 456389 | A18-00585 | 4.01 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 456105 | A18-00585 | 4.02 | 11 | - | - | - | - | - | 0.01 |
| 373.5 | 375 | 456312 | A18-00585 | 3.82 | 9 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 483 | 484.5 | 456393 | A18-00585 | 3.57 | 41 | - | - | - | - | - | 0.04 |
| 247.5 | 249 | 456221 | A18-00585 | 3.58 | 7 | - | - | - | - | - | 0.01 |
| 354 | 355.5 | 456298 | A18-00585 | 3.76 | 107 | - | - | - | - | - | 0.11 |
| 346.5 | 348 | 456293 | A18-00585 | 3.47 | 38 | - | - | - | - | - | 0.04 |
| 70.79 | 72 | 456093 | A18-00585 | 3 | 7 | - | - | - | - | - | 0.01 |
| 129 | 130.5 | 456135 | A18-00585 | 3.87 | 10 | - | - | - | - | - | 0.01 |
| 29.5 | 31 | 456060 | A18-00585 | 4.45 | 5 | - | - | - | - | - | 0.01 |
| 397.5 | 399 | 456330 | A18-00585 | 4.12 | 13 | - | - | - | - | - | 0.01 |
| 282 | 283.5 | 456246 | A18-00585 | 3.78 | 13 | - | - | - | - | - | 0.01 |
| 142.5 | 144 | 456145 | A18-00585 | 3.99 | 17 | - | - | - | - | - | 0.02 |
| 217.5 | 219 | 456199 | A18-00585 | 3.72 | 6 | - | - | - | - | - | 0.01 |
| 166.5 | 168 | 456162 | A18-00585 | 4.07 | 38 | - | - | - | - | - | 0.04 |
| 79.5 | 81 | 456099 | A18-00585 | 3.65 | 5 | - | - | - | - | - | 0.01 |
| 450 | 451.5 | 456369 | A18-00585 | 3.71 | 588 | - | - | - | - | - | 0.59 |
| 16 | 17 | 456049 | A18-00585 | 2.08 | 9 | - | - | - | - | - | 0.01 |
| 19 | 20.5 | 456052 | A18-00585 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 313.5 | 315 | 456269 | A18-00585 | 3.87 | 60 | - | - | - | - | - | 0.06 |
| 63.5 | 65 | 456086 | A18-00585 | 2.57 | 10 | - | - | - | - | - | 0.01 |
| 327 | 328.5 | 456279 | A18-00585 | 3.74 | 502 | - | - | - | - | - | 0.5 |
| 516 | 517.5 | 456417 | A18-00585 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 115.5 | 117 | 456125 | A18-00585 | 3.78 | 18 | - | - | - | - | - | 0.02 |
| 198 | 199.5 | 456185 | A18-00585 | 4.36 | 35 | - | - | - | - | - | 0.04 |
| 193.5 | 195 | 456182 | A18-00585 | 3.91 | 73 | - | - | - | - | - | 0.07 |
| 315 | 316.5 | 456270 | A18-00585 | 3.65 | 36 | - | - | - | - | - | 0.04 |
| 531 | 532.5 | 456427 | A18-00585 | 4.25 | 9 | - | - | - | - | - | 0.01 |
| 342 | 343.5 | 456289 | A18-00585 | 3.85 | 9 | - | - | - | - | - | 0.01 |
| 26.5 | 28 | 456058 | A18-00585 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 334.5 | 336 | 456284 | A18-00585 | 3.77 | 33 | - | - | - | - | - | 0.03 |
| 34 | 35.5 | 456063 | A18-00585 | 4.22 | 6 | - | - | - | - | - | 0.01 |
| 288 | 289.5 | 456250 | A18-00585 | 4.29 | 44 | - | - | - | - | - | 0.04 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 279 | 280.5 | 456244 | A18-00585 | 3.91 | 14 | - | - | - | - | - | 0.01 |
| 444 | 445.5 | 456364 | A18-00585 | 4.12 | 36 | - | - | - | - | - | 0.04 |
| 220.5 | 222 | 456201 | A18-00585 | 3.73 | 6 | - | - | - | - | - | 0.01 |
| 255 | 256.5 | 456226 | A18-00585 | 3.54 | 6 | - | - | - | - | - | 0.01 |
| 210 | 211.5 | 456194 | A18-00585 | 4.19 | 870 | - | - | - | - | - | 0.87 |
| 414 | 415.5 | 456343 | A18-00585 | 4.01 | 9 | - | - | - | - | - | 0.01 |
| 75 | 76.5 | 456096 | A18-00585 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 487.5 | 489 | 456396 | A18-00585 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 369 | 370.5 | 456309 | A18-00585 | 3.85 | 19 | - | - | - | - | - | 0.02 |
| 148.5 | 150 | 456149 | A18-00585 | 3.77 | 18 | - | - | - | - | - | 0.02 |
| 351 | 352.5 | 456296 | A18-00585 | 3.73 | 96 | - | - | - | - | - | 0.1 |
| 382.5 | 384 | 456319 | A18-00585 | 4.18 | 2.5 | - | - | - | - | - | < DL |
| 49 | 50.5 | 456074 | A18-00585 | 3.63 | 10 | - | - | - | - | - | 0.01 |
| 163.5 | 165 | 456160 | A18-00585 | 3.76 | 20 | - | - | - | - | - | 0.02 |
| 187.5 | 189 | 456177 | A18-00585 | 4.42 | 9 | - | - | - | - | - | 0.01 |
| 219 | 220.5 | 456200 | A18-00585 | 4.26 | 18 | - | - | - | - | - | 0.02 |
| 547.5 | 549 | 456439 | A18-00585 | 3.83 | 575 | - | - | - | - | - | 0.57 |
| 85.5 | 87 | 456104 | A18-00585 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 330 | 331.5 | 456281 | A18-00585 | 3.28 | 48 | - | - | - | - | - | 0.05 |
| 120 | 121.5 | 456129 | A18-00585 | 4.08 | 14 | - | - | - | - | - | 0.01 |
| 507 | 508.5 | 456410 | A18-00585 | 4.02 | 6 | - | - | - | - | - | 0.01 |
| 303 | 304.5 | 456261 | A18-00585 | 3.55 | 299 | - | - | - | - | - | 0.3 |
| 111 | 112.5 | 456122 | A18-00585 | 3.9 | 17 | - | - | - | - | - | 0.02 |
| 364.5 | 366 | 456306 | A18-00585 | 3.47 | 12 | - | - | - | - | - | 0.01 |
| 537 | 538.5 | 456432 | A18-00585 | 3.94 | 45 | - | - | - | - | - | 0.05 |
| 22 | 23.5 | 456055 | A18-00585 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 517.5 | 519 | 456418 | A18-00585 | 4.19 | 10 | - | - | - | - | - | 0.01 |
| 183 | 184.5 | 456174 | A18-00585 | 3.89 | 85 | - | - | - | - | - | 0.09 |
| 28 | 29.5 | 456059 | A18-00585 | 4.44 | 2.5 | - | - | - | - | - | < DL |
| 370.5 | 372 | 456310 | A18-00585 | 4.04 | 8 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 306 | 307.5 | 456263 | A18-00585 | 3.83 | 85 | - | - | - | - | - | 0.09 |
| 402 | 403.5 | 456333 | A18-00585 | 3.66 | 9 | - | - | - | - | - | 0.01 |
| 124.5 | 126 | 456132 | A18-00585 | 3.82 | 60 | - | - | - | - | - | 0.06 |
| 286.5 | 288 | 456249 | A18-00585 | 3.79 | 26 | - | - | - | - | - | 0.03 |
| 319.5 | 321 | 456273 | A18-00585 | 3.66 | 34 | - | - | - | - | - | 0.03 |
| 289.5 | 291 | 456251 | A18-00585 | 3.79 | 10 | - | - | - | - | - | 0.01 |
| 550.5 | 552 | 456442 | A18-00585 | 3.71 | 87 | - | - | - | - | - | 0.09 |
| 259.5 | 261 | 456230 | A18-00585 | 3.79 | 78 | - | - | - | - | - | 0.08 |
| 57 | 58.5 | 456081 | A18-00585 | 3.94 | 13 | - | - | - | - | - | 0.01 |
| 235.5 | 237 | 456212 | A18-00585 | 4.72 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 456102 | A18-00585 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 312 | 313.5 | 456268 | A18-00585 | 3.82 | 28 | - | - | - | - | - | 0.03 |
| 526.5 | 528 | 456424 | A18-00585 | 3.81 | 9 | - | - | - | - | - | 0.01 |
| 534 | 535.5 | 456430 | A18-00585 | 3.9 | 14 | - | - | - | - | - | 0.01 |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------|--------|----------------------|---------------------|--------|--------------------------|----|---------------|---------------|---------------|--------|------|------|---------------|
| 0 | 1.2 | OV | Overburden | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Sample | From | To | Best Au (ppm) | | | | | | |
| 1.2 | 7.25 | QDRBx | Qtz Diorite Breccia | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | Best Au (ppm) | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 1.2 | 7.25 | AB | SPV | 1 | | | | | | 456036 | 1.2 | 2 | <0.005 |
| 1.2 | 7.25 | BO | SEL | 2 | | | | | | 456038 | 3 | 4.5 | 0.01 |
| 1.2 | 7.25 | CB | SEL | 4 | | | | | | 456037 | 2 | 3 | 0.01 |
| 1.2 | 7.25 | CL | SEL | 2 | | | | | | 456041 | 6 | 7.25 | <0.005 |
| 1.2 | 7.25 | SI | SPV | 1 | | | | | | 456039 | 4.5 | 6 | 0.05 |
| 7.25 | 9.27 | DIA | Diabase | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | Sample | From | To | Best Au (ppm) |
| | | | | | | | | | | 456042 | 7.25 | 8 | 0.08 |
| | | | | | | | | | | 456043 | 8 | 9.27 | 0.01 |
| 9.27 | 15.4 | QDR | Quartz diorite | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | Best Au (ppm) | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|-----|---|--|--------|------|------|--------|--|
| 9.27 | 15.4 | AB | SPV | 1 | | 456044 | 9.27 | 10 | 0.28 | |
| 9.27 | 15.4 | BO | SEL | 2 | | 456046 | 11.5 | 13 | 0.01 | |
| 9.27 | 15.4 | CB | SEL | 4 | | 456047 | 13 | 14.5 | 0.01 | |
| 9.27 | 15.4 | CL | SEL | 2 | | 456045 | 10 | 11.5 | <0.005 | |
| 9.27 | 15.4 | SI | SPV | 1 | | | | | | |

15.4 17.71 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 15.4 | 17.71 | CB | SEL | 5 | | | | | | 456048 | 14.5 | 16 | 0.01 |
| | | | | | | | | | | 456050 | 17 | 17.71 | 0.01 |
| | | | | | | | | | | 456049 | 16 | 17 | 0.01 |

17.71 41.82 TonBx Tonalite Breccia

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 17.71 | 33.34 | AB | PV | 1 | 17.71 | 41.82 | PY | DIS | 0.5 | 456054 | 20.5 | 22 | 0.01 |
| 17.71 | 33.34 | BO | SEL | 3 | | | | | | 456061 | 31 | 32.5 | <0.005 |
| 17.71 | 33.34 | CB | SEL | 3 | | | | | | 456063 | 34 | 35.5 | 0.01 |
| 17.71 | 33.34 | CL | SEL | 3 | | | | | | 456064 | 35.5 | 37 | 0.01 |
| 17.71 | 33.34 | SI | PV | 1 | | | | | | 456068 | 40 | 41.5 | 0.02 |
| 17.71 | 33.34 | SR | SPV | 1 | | | | | | 456062 | 32.5 | 34 | <0.005 |
| 33.34 | 41.82 | AB | PV | 1 | | | | | | 456056 | 23.5 | 25 | <0.005 |
| 33.34 | 41.82 | BO | SEL | 4 | | | | | | 456055 | 22 | 23.5 | <0.005 |
| 33.34 | 41.82 | CB | SEL | 3 | | | | | | 456059 | 28 | 29.5 | <0.005 |
| 33.34 | 41.82 | CL | SEL | 4 | | | | | | 456051 | 17.71 | 19 | 0.01 |
| 33.34 | 41.82 | SI | PV | 1 | | | | | | 456067 | 38.5 | 40 | 0.07 |
| 33.34 | 41.82 | SR | SPV | 3 | | | | | | 456066 | 37 | 38.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------------|
| | | 456057 25 26.5 0.01 |
| | | 456060 29.5 31 0.01 |
| | | 456052 19 20.5 <0.005 |
| | | 456058 26.5 28 <0.005 |
| 41.82 | 70.79 | Ton Tonalite |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 41.82 | 45 | AB | PV | 2 | 41.82 | 70.79 | CPY | DIS | 0.5 | 456075 | 50.5 | 52 | 0.01 |
| 41.82 | 45 | BO | SEL | 2 | 41.82 | 70.79 | PO | DIS | 0.05 | 456077 | 53.5 | 55 | 0.01 |
| 41.82 | 45 | CB | SEL | 3 | 41.82 | 70.79 | PY | DIS | 1 | 456076 | 52 | 53.5 | <0.005 |
| 41.82 | 45 | CL | SEL | 2 | | | | | | 456069 | 41.5 | 43 | <0.005 |
| 41.82 | 45 | SI | PV | 2 | | | | | | 456074 | 49 | 50.5 | 0.01 |
| 41.82 | 45 | SR | SPV | 3 | | | | | | 456091 | 68 | 69.5 | <0.005 |
| 45 | 48 | AB | PV | 2 | | | | | | 456083 | 60 | 61 | 0.01 |
| 45 | 48 | BO | SEL | 2 | | | | | | 456082 | 58.5 | 60 | 0.01 |
| 45 | 48 | CB | SEL | 3 | | | | | | 456084 | 61 | 62 | 0.04 |
| 45 | 48 | CL | SEL | 2 | | | | | | 456089 | 67 | 68 | 0.01 |
| 45 | 48 | SI | PV | 2 | | | | | | 456081 | 57 | 58.5 | 0.01 |
| 45 | 48 | SR | SPV | 5 | | | | | | 456085 | 62 | 63.5 | 0.01 |
| 48 | 60 | AB | PV | 2 | | | | | | 456072 | 46 | 47.5 | 0.01 |
| 48 | 60 | BO | SEL | 2 | | | | | | 456079 | 55 | 56.5 | 0.01 |
| 48 | 60 | CB | SEL | 2 | | | | | | 456071 | 44.5 | 46 | 0.01 |
| 48 | 60 | CL | SEL | 2 | | | | | | 456088 | 66 | 67 | 0.01 |
| 48 | 60 | SI | PV | 2 | | | | | | 456092 | 69.5 | 70.79 | 0.01 |
| 48 | 60 | SR | SPV | 3 | | | | | | 456087 | 65 | 66 | 0.01 |
| 60 | 61.85 | AB | PV | 2 | | | | | | 456070 | 43 | 44.5 | 0.01 |
| 60 | 61.85 | BO | SEL | 2 | | | | | | 456073 | 47.5 | 49 | 0.01 |
| 60 | 61.85 | CB | SEL | 2 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--|--------|------|----|--------|
| | 60 | 61.85 | CL | SEL | 2 | | 456080 | 56.5 | 57 | <0.005 |
| | 60 | 61.85 | SI | PV | 2 | | 456086 | 63.5 | 65 | 0.01 |
| | 60 | 61.85 | SR | SPV | 5 | | | | | |
| | 61.85 | 70.79 | AB | PV | 2 | | | | | |
| | 61.85 | 70.79 | BO | SEL | 2 | | | | | |
| | 61.85 | 70.79 | CB | SEL | 3 | | | | | |
| | 61.85 | 70.79 | CL | SEL | 2 | | | | | |
| | 61.85 | 70.79 | SI | PV | 2 | | | | | |
| | 61.85 | 70.79 | SR | SPV | 3 | | | | | |

70.79 73.65 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 70.79 | 73.65 | CB | PV | 5 | 70.79 | 73.65 | PY | DIS | 2 | 456094 | 72 | 73.5 | 0.01 |
| | | | | | | | | | | 456093 | 70.79 | 72 | 0.01 |

73.65 121 Ton Tonalite
86.67-87.7 and 90.7-91.05 : mafic dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 73.65 | 80 | AB | SPV | 2 | 73.65 | 121 | CPY | DIS | 0.5 | 456116 | 102 | 103.5 | 0.01 |
| 73.65 | 80 | BO | SEL | 2 | 73.65 | 121 | PO | DIS | 0.05 | 456097 | 76.5 | 78 | 0.01 |
| 73.65 | 80 | CB | PV | 3 | 73.65 | 121 | PY | DIS | 1 | 456101 | 82.5 | 84 | <0.005 |
| 73.65 | 80 | CL | SEL | 2 | | | | | | 456118 | 105 | 106.5 | 0.01 |
| 73.65 | 80 | SI | SPV | 2 | | | | | | 456120 | 108 | 109.5 | 0.02 |
| 73.65 | 80 | SR | SPV | 3 | | | | | | 456119 | 106.5 | 108 | 0.01 |
| 80 | 81.05 | AB | SPV | 4 | | | | | | 456107 | 90 | 91.5 | 0.01 |
| 80 | 81.05 | BO | SEL | 2 | | | | | | 456121 | 109.5 | 111 | 0.01 |
| 80 | 81.05 | CB | PV | 3 | | | | | | 456109 | 93 | 94.5 | 0.04 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|-------|-------|--------|--|
| | 80 | 81.05 | CL | SEL | 2 | 456111 | 96 | 97.5 | 0.01 | |
| | 80 | 81.05 | SI | SPV | 4 | 456123 | 112.5 | 114 | 0.13 | |
| | 80 | 81.05 | SR | SPV | 3 | 456110 | 94.5 | 96 | 0.01 | |
| | 81.05 | 103.1 | AB | SPV | 2 | 456096 | 75 | 76.5 | <0.005 | |
| | 81.05 | 103.1 | BO | SEL | 2 | 456104 | 85.5 | 87 | <0.005 | |
| | 81.05 | 103.1 | CB | PV | 3 | 456122 | 111 | 112.5 | 0.02 | |
| | 81.05 | 103.1 | CL | SEL | 2 | 456102 | 84 | 85.5 | <0.005 | |
| | 81.05 | 103.1 | SI | SPV | 2 | 456106 | 88.5 | 90 | 0.01 | |
| | 81.05 | 103.1 | SR | SPV | 3 | 456114 | 100.5 | 102 | 0.01 | |
| | 103.1 | 103.8 | AB | SPV | 2 | 456124 | 114 | 115.5 | 0.01 | |
| | 103.1 | 103.8 | BO | SEL | 2 | 456112 | 97.5 | 99 | 0.02 | |
| | 103.1 | 103.8 | CB | SEL | 2 | 456108 | 91.5 | 93 | 0.03 | |
| | 103.1 | 103.8 | CL | SEL | 2 | 456117 | 103.5 | 105 | 0.01 | |
| | 103.1 | 103.8 | HM | SEL | 1 | 456127 | 118.5 | 120 | 0.01 | |
| | 103.1 | 103.8 | SI | SPV | 2 | 456126 | 117 | 118.5 | 0.01 | |
| | 103.1 | 103.8 | SR | SPV | 3 | 456113 | 99 | 100.5 | 0.01 | |
| | 103.8 | 105.5 | AB | SPV | 2 | 456095 | 73.5 | 75 | 0.01 | |
| | 103.8 | 105.5 | BO | SEL | 1 | 456098 | 78 | 79.5 | 0.01 | |
| | 103.8 | 105.5 | CB | SEL | 1 | 456100 | 81 | 82.5 | 0.01 | |
| | 103.8 | 105.5 | CL | SEL | 1 | 456105 | 87 | 88.5 | 0.01 | |
| | 103.8 | 105.5 | HM | SEL | 3 | 456099 | 79.5 | 81 | 0.01 | |
| | 103.8 | 105.5 | SI | SPV | 2 | 456125 | 115.5 | 117 | 0.02 | |
| | 103.8 | 105.5 | SR | SPV | 3 | | | | | |
| | 105.5 | 108 | AB | SPV | 2 | | | | | |
| | 105.5 | 108 | HM | SEL | 5 | | | | | |
| | 105.5 | 108 | SI | SPV | 2 | | | | | |
| | 108 | 109.25 | AB | SPV | 2 | | | | | |
| | 108 | 109.25 | BO | SEL | 1 | | | | | |
| | 108 | 109.25 | CB | SEL | 1 | | | | | |
| | 108 | 109.25 | CL | SEL | 1 | | | | | |
| | 108 | 109.25 | HM | SEL | 3 | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|-----|---|--|
| 108 | 109.25 | SI | SPV | 2 | |
| 108 | 109.25 | SR | SPV | 3 | |
| 109.25 | 112.8 | AB | SPV | 2 | |
| 109.25 | 112.8 | BO | SEL | 2 | |
| 109.25 | 112.8 | CB | SEL | 2 | |
| 109.25 | 112.8 | CL | SEL | 2 | |
| 109.25 | 112.8 | HM | SEL | 1 | |
| 109.25 | 112.8 | SI | SPV | 2 | |
| 109.25 | 112.8 | SR | SPV | 3 | |
| 112.8 | 118 | AB | SPV | 2 | |
| 112.8 | 118 | BO | SEL | 2 | |
| 112.8 | 118 | CB | SEL | 3 | |
| 112.8 | 118 | CL | SEL | 2 | |
| 112.8 | 118 | SI | SPV | 2 | |
| 112.8 | 118 | SR | SPV | 3 | |

121 123.45 LamDk Lamprophyre Dyke
or mafic dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | | | | 121 | 123.45 | PY | DIS | 1 | 456129 | 120 | 121.5 | 0.01 |
| | | | | | | | | | | 456130 | 121.5 | 123 | 0.01 |

123.45 151.57 Ton Tonalite
alternance of SR altered zone with PY min (10cm to 30cm width) margin to veins (alteration halo ?)
; Mineralisation is vein controlled and DISS (with PY)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 123.45 | 151.57 | AB | SPV | 2 | 123.45 | 151.57 | CPY | DIS | 1 | 456137 | 132 | 133.5 | 0.01 |
| 123.45 | 151.57 | BO | SEL | 2 | 123.45 | 151.57 | PO | DIS | 0.5 | 456147 | 145.5 | 147 | 0.03 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|----|-----|---|--------|-------|-------|------|--|
| 123.45 | 151.57 | CB | SEL | 3 | 123.45 | 151.57 | PY | DIS | 2 | 456138 | 133.5 | 135 | 0.08 | |
| 123.45 | 151.57 | CL | SEL | 2 | | | | | | 456139 | 135 | 136.5 | 0.05 | |
| 123.45 | 151.57 | SI | SPV | 2 | | | | | | 456131 | 123 | 124.5 | 0.01 | |
| 123.45 | 151.57 | SR | SPV | 3 | | | | | | 456141 | 136.5 | 138 | 0.01 | |
| | | | | | | | | | | 456146 | 144 | 145.5 | 0.01 | |
| | | | | | | | | | | 456144 | 141 | 142.5 | 0.03 | |
| | | | | | | | | | | 456149 | 148.5 | 150 | 0.02 | |
| | | | | | | | | | | 456132 | 124.5 | 126 | 0.06 | |
| | | | | | | | | | | 456134 | 127.5 | 129 | 0.01 | |
| | | | | | | | | | | 456142 | 138 | 139.5 | 0.03 | |
| | | | | | | | | | | 456150 | 150 | 151.5 | 0.02 | |
| | | | | | | | | | | 456136 | 130.5 | 132 | 0.08 | |
| | | | | | | | | | | 456133 | 126 | 127.5 | 0.03 | |
| | | | | | | | | | | 456143 | 139.5 | 141 | 0.03 | |
| | | | | | | | | | | 456148 | 147 | 148.5 | 0.01 | |
| | | | | | | | | | | 456135 | 129 | 130.5 | 0.01 | |
| | | | | | | | | | | 456145 | 142.5 | 144 | 0.02 | |

151.57 155.95 LamDk Lamrophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 151.57 | 155.95 | CB | PV | 5 | 151.57 | 155.95 | PY | DIS | 1 | 456151 | 151.5 | 153 | 0.01 |
| | | | | | | | | | | 456152 | 153 | 154.5 | 0.01 |

155.95 164.74 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|-----|-----|------|--------|-------|-------|------|--|
| 155.95 | 156.98 | AB | SPV | 2 | 155.95 | 164.74 | CPY | DIS | 0.5 | 456158 | 160.5 | 162 | 0.01 | |
| 155.95 | 156.98 | BO | SEL | 2 | 155.95 | 164.74 | PO | DIS | 0.05 | 456159 | 162 | 163.5 | 0.24 | |
| 155.95 | 156.98 | CB | PV | 1 | 155.95 | 164.74 | PY | DIS | 1 | 456157 | 159 | 160.5 | 0.01 | |
| 155.95 | 156.98 | CL | SEL | 2 | | | | | | 456156 | 157.5 | 159 | 0.01 | |
| 155.95 | 156.98 | HM | SPV | 1 | | | | | | 456154 | 154.5 | 156 | 0.01 | |
| 155.95 | 156.98 | SI | SPV | 2 | | | | | | 456155 | 156 | 157.5 | 0.02 | |
| 155.95 | 156.98 | SR | SPV | 3 | | | | | | | | | | |
| 156.98 | 157.94 | AB | SPV | 3 | | | | | | | | | | |
| 156.98 | 157.94 | CL | SEL | 1 | | | | | | | | | | |
| 156.98 | 157.94 | HM | SPV | 4 | | | | | | | | | | |
| 156.98 | 157.94 | SI | SPV | 3 | | | | | | | | | | |
| 156.98 | 157.94 | SR | SPV | 1 | | | | | | | | | | |
| 157.94 | 158.84 | AB | SPV | 2 | | | | | | | | | | |
| 157.94 | 158.84 | BO | SEL | 2 | | | | | | | | | | |
| 157.94 | 158.84 | CB | PV | 1 | | | | | | | | | | |
| 157.94 | 158.84 | CL | SEL | 2 | | | | | | | | | | |
| 157.94 | 158.84 | HM | SPV | 1 | | | | | | | | | | |
| 157.94 | 158.84 | SI | SPV | 2 | | | | | | | | | | |
| 157.94 | 158.84 | SR | SPV | 3 | | | | | | | | | | |
| 158.84 | 164.74 | AB | SEL | 2 | | | | | | | | | | |
| 158.84 | 164.74 | BO | SEL | 2 | | | | | | | | | | |
| 158.84 | 164.74 | CB | PV | 2 | | | | | | | | | | |
| 158.84 | 164.74 | CL | SEL | 2 | | | | | | | | | | |
| 158.84 | 164.74 | SI | SPV | 2 | | | | | | | | | | |
| 158.84 | 164.74 | SR | SPV | 3 | | | | | | | | | | |

164.74 165.76 LamDk Lamprophyre Dyke
or mafic dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 164.74 | 165.76 | CB | SPV | 5 | 164.74 | 165.76 | PY | DIS | 1 | 456160 | 163.5 | 165 | 0.02 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 165.76 | 207.5 | QDR Quartz diorite sup contact sheared at 50° up to 166.15m. ; With coarse qz eyes and then more medium to fine grained from 191.25m ; locally strong si/ab alteration along veins. ; locally decimetric to pluridecimetric tonalite fragments (magma mixing breccia ?) ; ; lam dyke 198.25-199.6m |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 165.76 | 202.25 | AB | SEL | 2 | 165.76 | 207.5 | CPY | STR | 0.5 | 456167 | 172.5 | 174 | 0.01 |
| 165.76 | 202.25 | CL | SEL | 3 | 165.76 | 207.5 | PO | STR | 0.05 | 456184 | 196.5 | 198 | 0.07 |
| 165.76 | 202.25 | SI | SEL | 2 | 165.76 | 207.5 | PY | STR | 1 | 456174 | 183 | 184.5 | 0.09 |
| 202.25 | 206.55 | AB | SEL | 4 | | | | | | 456168 | 174 | 175.5 | 0.01 |
| 202.25 | 206.55 | CL | SEL | 2 | | | | | | 456177 | 187.5 | 189 | 0.01 |
| 202.25 | 206.55 | SI | SEL | 3 | | | | | | 456181 | 192 | 193.5 | 0.04 |
| 206.55 | 207.5 | CL | PV | 5 | | | | | | 456175 | 184.5 | 186 | 0.01 |
| | | | | | | | | | | 456183 | 195 | 196.5 | 0.01 |
| | | | | | | | | | | 456189 | 204 | 205.5 | 0.01 |
| | | | | | | | | | | 456176 | 186 | 187.5 | 0.01 |
| | | | | | | | | | | 456166 | 171 | 172.5 | 0.03 |
| | | | | | | | | | | 456186 | 199.5 | 201 | 0.08 |
| | | | | | | | | | | 456173 | 181.5 | 183 | 0.01 |
| | | | | | | | | | | 456163 | 168 | 169.5 | 0.01 |
| | | | | | | | | | | 456161 | 165 | 166.5 | 0.01 |
| | | | | | | | | | | 456170 | 177 | 178.5 | 0.01 |
| | | | | | | | | | | 456179 | 189 | 190.5 | 0.01 |
| | | | | | | | | | | 456187 | 201 | 202.5 | 0.05 |
| | | | | | | | | | | 456171 | 178.5 | 180 | 0.01 |
| | | | | | | | | | | 456180 | 190.5 | 192 | 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------------|
| | | 456164 169.5 171 0.02 |
| | | 456172 180 181.5 0.02 |
| | | 456188 202.5 204 0.01 |
| | | 456169 175.5 177 0.06 |
| | | 456191 205.5 207 0.04 |
| | | 456162 166.5 168 0.04 |
| | | 456185 198 199.5 0.04 |
| | | 456182 193.5 195 0.07 |

207.5 223.31 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 207.5 | 223.31 | AB | SPV | 2 | 207.5 | 223.31 | CPY | STR | 0.5 | 456198 | 216 | 217.5 | 0.01 |
| 207.5 | 223.31 | BO | SPV | 2 | 207.5 | 223.31 | PO | STR | 0.5 | 456196 | 213 | 214.5 | 0.01 |
| 207.5 | 223.31 | CB | PV | 3 | 207.5 | 223.31 | PY | STR | 1 | 456197 | 214.5 | 216 | 0.03 |
| 207.5 | 223.31 | CL | SPV | 2 | | | | | | 456199 | 217.5 | 219 | 0.01 |
| 207.5 | 223.31 | SI | SPV | 2 | | | | | | 456192 | 207 | 208.5 | 0.02 |
| 207.5 | 223.31 | SR | SEL | 3 | | | | | | 456193 | 208.5 | 210 | 0.1 |
| | | | | | | | | | | 456195 | 211.5 | 213 | 0.05 |
| | | | | | | | | | | 456201 | 220.5 | 222 | 0.01 |
| | | | | | | | | | | 456194 | 210 | 211.5 | 0.87 |
| | | | | | | | | | | 456200 | 219 | 220.5 | 0.02 |

223.31 229.09 QDR Quartz diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 223.31 | 229.09 | AB | SEL | 4 | 223.31 | 229.09 | CPY | STR | 0.05 | 456204 | 223.5 | 225 | 0.02 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--|--------|--------|----|-----|------|--------|-------|-------|------|--|
| 223.31 | 229.09 | CL | SEL | 2 | | 223.31 | 229.09 | PO | STR | 0.05 | 456205 | 225 | 226.5 | 0.01 | |
| 223.31 | 229.09 | SI | SEL | 3 | | 223.31 | 229.09 | PY | STR | 0.5 | 456206 | 226.5 | 228 | 0.01 | |
| | | | | | | | | | | | 456202 | 222 | 223.5 | 0.01 | |

229.09 279.58 Ton Tonalite

around 261m the mineralisation content in altered Ton (alteration halo around veins) increase with speck of CP and PY; mineralisation is Diss and structure controlled.
; Mafic enclave locally

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 229.09 | 239.4 | CB | PV | 3 | 229.09 | 261 | PY | STR | 0.5 | 456211 | 234 | 235.5 | 0.01 |
| 229.09 | 239.4 | CL | SPV | 5 | 261 | 279.58 | CPY | DIS | 1 | 456208 | 229.5 | 231 | 0.01 |
| 239.4 | 253.6 | AB | SPV | 2 | 261 | 279.58 | PO | DIS | 1 | 456227 | 256.5 | 258 | 0.02 |
| 239.4 | 253.6 | BO | SEL | 3 | 261 | 279.58 | PY | DIS | 1 | 456234 | 265.5 | 267 | 0.11 |
| 239.4 | 253.6 | CB | PV | 2 | | | | | | 456233 | 264 | 265.5 | 0.12 |
| 239.4 | 253.6 | CL | SEL | 5 | | | | | | 456242 | 276 | 277.5 | 0.07 |
| 239.4 | 253.6 | SI | SPV | 2 | | | | | | 456237 | 270 | 271.5 | 0.04 |
| 239.4 | 253.6 | SR | SPV | 2 | | | | | | 456210 | 232.5 | 234 | 0.01 |
| 253.6 | 265.2 | AB | SPV | 2 | | | | | | 456236 | 268.5 | 270 | 0.01 |
| 253.6 | 265.2 | BO | SEL | 2 | | | | | | 456217 | 241.5 | 243 | 0.02 |
| 253.6 | 265.2 | CB | SPV | 3 | | | | | | 456243 | 277.5 | 279 | 0.08 |
| 253.6 | 265.2 | CL | SEL | 2 | | | | | | 456232 | 262.5 | 264 | 0.09 |
| 253.6 | 265.2 | SI | SPV | 2 | | | | | | 456220 | 246 | 247.5 | 0.02 |
| 253.6 | 265.2 | SR | SPV | 5 | | | | | | 456222 | 249 | 250.5 | 0.01 |
| 265.2 | 269.4 | AB | SPV | 3 | | | | | | 456241 | 274.5 | 276 | 0.11 |
| 265.2 | 269.4 | CB | SPV | 3 | | | | | | 456235 | 267 | 268.5 | 0.08 |
| 265.2 | 269.4 | SI | SPV | 3 | | | | | | 456216 | 240 | 241.5 | 0.01 |
| 265.2 | 269.4 | SR | SPV | 2 | | | | | | 456209 | 231 | 232.5 | 0.03 |
| 269.4 | 270.3 | AB | SPV | 5 | | | | | | 456223 | 250.5 | 252 | 0.01 |
| 269.4 | 270.3 | CB | SPV | 3 | | | | | | 456221 | 247.5 | 249 | 0.01 |
| 269.4 | 270.3 | SI | SPV | 5 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|-------|-------|--------|--|
| | 270.3 | 272.7 | AB | SPV | 3 | 456224 | 252 | 253.5 | 0.03 | |
| | 270.3 | 272.7 | CB | SEL | 3 | 456219 | 244.5 | 246 | 0.01 | |
| | 270.3 | 272.7 | SI | SPV | 3 | 456225 | 253.5 | 255 | 0.09 | |
| | 272.7 | 279.58 | AB | SPV | 2 | 456218 | 243 | 244.5 | 0.01 | |
| | 272.7 | 279.58 | BO | SEL | 2 | 456229 | 258 | 259.5 | 0.05 | |
| | 272.7 | 279.58 | CB | SPV | 3 | 456213 | 237 | 238.5 | 0.01 | |
| | 272.7 | 279.58 | CL | SEL | 3 | 456238 | 271.5 | 273 | 0.05 | |
| | 272.7 | 279.58 | SI | SPV | 2 | 456231 | 261 | 262.5 | 0.12 | |
| | 272.7 | 279.58 | SR | SPV | 5 | 456214 | 238.5 | 240 | 0.01 | |
| | | | | | | 456239 | 273 | 274.5 | 0.04 | |
| | | | | | | 456207 | 228 | 229.5 | 0.01 | |
| | | | | | | 456226 | 255 | 256.5 | 0.01 | |
| | | | | | | 456230 | 259.5 | 261 | 0.08 | |
| | | | | | | 456212 | 235.5 | 237 | <0.005 | |

279.58 283.75 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 279.58 | 283.75 | CB | PV | 5 | | | | | | 456245 | 280.5 | 282 | 0.01 |
| | | | | | | | | | | 456244 | 279 | 280.5 | 0.01 |
| | | | | | | | | | | 456246 | 282 | 283.5 | 0.01 |

283.75 289 Ton Tonalite
alternance of SR altered zone margin to veins; PY-CP rich (cluster, diss and vn)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 283.75 | 287.7 | AB | SPV | 2 | 283.75 | 289 | CPY | DIS | 0.5 | 456248 | 285 | 286.5 | 0.02 |
| 283.75 | 287.7 | BO | SEL | 2 | 283.75 | 289 | PO | DIS | 0.5 | 456247 | 283.5 | 285 | 0.01 |
| 283.75 | 287.7 | CB | SEL | 3 | 283.75 | 289 | PY | STR | 1 | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--|--------|-------|-----|------|
| 283.75 | 287.7 | CL | SEL | 2 | | 456249 | 286.5 | 288 | 0.03 |
| 283.75 | 287.7 | SI | SPV | 2 | | | | | |
| 283.75 | 287.7 | SR | SPV | 5 | | | | | |
| 287.7 | 288.4 | AB | SPV | 3 | | | | | |
| 287.7 | 288.4 | CB | SEL | 3 | | | | | |
| 287.7 | 288.4 | HM | SEL | 2 | | | | | |
| 287.7 | 288.4 | SI | SPV | 3 | | | | | |
| 288.4 | 289 | AB | SPV | 4 | | | | | |
| 288.4 | 289 | CB | SEL | 1 | | | | | |
| 288.4 | 289 | HM | SPV | 5 | | | | | |
| 288.4 | 289 | SI | SPV | 4 | | | | | |

289 299 DIA Diabase

| Sample | From | To | Best Au (ppm) |
|--------|-------|-------|---------------|
| 456252 | 291 | 292.5 | 0.01 |
| 456257 | 297 | 298.5 | 0.01 |
| 456250 | 288 | 289.5 | 0.04 |
| 456251 | 289.5 | 291 | 0.01 |
| 456255 | 294 | 295.5 | 0.01 |
| 456254 | 292.5 | 294 | 0.01 |
| 456256 | 295.5 | 297 | 0.01 |

299 387.46 Ton Tonalite

alternance of SR altered zone margin to veins; PO cluster rich up to 324 then diss;
; large QZ vein from 387.3-378.05m; sup cont reg at 50°CA and inf cont irr.

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 299 | 300.6 | AB | SPV | 4 | 299 | 363 | CPY | DIS | 0.5 | 456282 | 331.5 | 333 | 0.07 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|-----|--------|-----|-----|------|--------|-------|-------|--------|--|
| 299 | 300.6 | HM | SEL | 4 | 299 | 363 | PO | DIS | 1 | 456262 | 304.5 | 306 | 0.08 | |
| 299 | 300.6 | SI | SPV | 4 | 299 | 363 | PY | DIS | 0.5 | 456318 | 381 | 382.5 | 0.01 | |
| 300.6 | 301 | AB | SPV | 2 | 363 | 387.46 | CPY | DIS | 0.05 | 456295 | 349.5 | 351 | 0.02 | |
| 300.6 | 301 | BO | SEL | 1 | 363 | 387.46 | PO | DIS | 0.5 | 456317 | 379.5 | 381 | 0.08 | |
| 300.6 | 301 | CL | SEL | 2 | 363 | 387.46 | PY | DIS | 0.05 | 456304 | 361.5 | 363 | 0.11 | |
| 300.6 | 301 | HM | SEL | 1 | | | | | | 456301 | 358.5 | 360 | 0.11 | |
| 300.6 | 301 | SI | SPV | 2 | | | | | | 456321 | 385.5 | 387 | 0.01 | |
| 300.6 | 301 | SR | SPV | 3 | | | | | | 456316 | 378 | 379.5 | 0.01 | |
| 301 | 330 | AB | SPV | 2 | | | | | | 456305 | 363 | 364.5 | 0.05 | |
| 301 | 330 | BO | SEL | 1 | | | | | | 456274 | 321 | 322.5 | 0.05 | |
| 301 | 330 | CB | SEL | 1 | | | | | | 456275 | 322.5 | 324 | 0.1 | |
| 301 | 330 | CL | SEL | 1 | | | | | | 456311 | 372 | 373.5 | 0.02 | |
| 301 | 330 | SI | SPV | 2 | | | | | | 456264 | 307.5 | 309 | 0.04 | |
| 301 | 330 | SR | SPV | 4 | | | | | | 456287 | 339 | 340.5 | 0.1 | |
| 330 | 363 | AB | SEL | 2 | | | | | | 456307 | 366 | 367.5 | 0.09 | |
| 330 | 363 | BO | SEL | 2 | | | | | | 456277 | 325.5 | 327 | 0.05 | |
| 330 | 363 | CB | SPV | 2 | | | | | | 456297 | 352.5 | 354 | 0.14 | |
| 330 | 363 | CL | SEL | 2 | | | | | | 456276 | 324 | 325.5 | 0.14 | |
| 330 | 363 | HM | SEL | 1 | | | | | | 456280 | 328.5 | 330 | 0.05 | |
| 330 | 363 | SI | SPV | 2 | | | | | | 456320 | 384 | 385.5 | 0.01 | |
| 330 | 363 | SR | SEL | 2 | | | | | | 456258 | 298.5 | 300 | 0.05 | |
| 363 | 387.06 | AB | SPV | 2 | | | | | | 456309 | 369 | 370.5 | 0.02 | |
| 363 | 387.06 | CB | SPV | 4 | | | | | | 456296 | 351 | 352.5 | 0.1 | |
| 363 | 387.06 | CL | SEL | 4 | | | | | | 456319 | 382.5 | 384 | <0.005 | |
| 363 | 387.06 | HM | SEL | 2 | | | | | | 456281 | 330 | 331.5 | 0.05 | |
| 363 | 387.06 | SI | SPV | 2 | | | | | | 456261 | 303 | 304.5 | 0.3 | |
| 363 | 387.06 | SR | SPV | 3 | | | | | | 456306 | 364.5 | 366 | 0.01 | |
| | | | | | | | | | | 456310 | 370.5 | 372 | 0.01 | |
| | | | | | | | | | | 456263 | 306 | 307.5 | 0.09 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|--------|-------|------------|
| | | | 456273 | 319.5 | 321 0.03 |
| | | | 456268 | 312 | 313.5 0.03 |
| | | | 456267 | 310.5 | 312 0.01 |
| | | | 456266 | 309 | 310.5 0.02 |
| | | | 456291 | 343.5 | 345 0.5 |
| | | | 456299 | 355.5 | 357 0.1 |
| | | | 456302 | 360 | 361.5 0.14 |
| | | | 456259 | 300 | 301.5 0.04 |
| | | | 456294 | 348 | 349.5 0.09 |
| | | | 456285 | 336 | 337.5 0.01 |
| | | | 456308 | 367.5 | 369 0.22 |
| | | | 456292 | 345 | 346.5 0.03 |
| | | | 456314 | 376.5 | 378 <0.005 |
| | | | 456313 | 375 | 376.5 0.02 |
| | | | 456260 | 301.5 | 303 0.07 |
| | | | 456283 | 333 | 334.5 0.09 |
| | | | 456286 | 337.5 | 339 0.01 |
| | | | 456288 | 340.5 | 342 0.04 |
| | | | 456272 | 318 | 319.5 0.02 |
| | | | 456300 | 357 | 358.5 0.14 |
| | | | 456271 | 316.5 | 318 0.05 |
| | | | 456312 | 373.5 | 375 0.01 |
| | | | 456298 | 354 | 355.5 0.11 |
| | | | 456293 | 346.5 | 348 0.04 |
| | | | 456269 | 313.5 | 315 0.06 |
| | | | 456279 | 327 | 328.5 0.5 |
| | | | 456270 | 315 | 316.5 0.04 |
| | | | 456289 | 342 | 343.5 0.01 |
| | | | 456284 | 334.5 | 336 0.03 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------|
|----------|--------|-----------|

| | | |
|--------|--------|------------------|
| 387.46 | 390.56 | MafDk Mafic Dyke |
|--------|--------|------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 387.46 | 390.56 | CB | PV | 3 | | | | | | 456323 | 388.5 | 390 | 0.01 |
| | | | | | | | | | | 456322 | 387 | 388.5 | 0.01 |

| | | |
|--------|-------|--------------|
| 390.56 | 412.9 | Ton Tonalite |
|--------|-------|--------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 390.56 | 412.9 | AB | SPV | 2 | 390.56 | 412.9 | CPY | DIS | 0.05 | 456338 | 409.5 | 411 | 0.03 |
| 390.56 | 412.9 | BO | SEL | 2 | 390.56 | 412.9 | PO | DIS | 0.5 | 456337 | 408 | 409.5 | 0.01 |
| 390.56 | 412.9 | CB | SPV | 4 | 390.56 | 412.9 | PY | DIS | 0.05 | 456325 | 391.5 | 393 | 0.03 |
| 390.56 | 412.9 | CL | SEL | 4 | | | | | | 456324 | 390 | 391.5 | 0.02 |
| 390.56 | 412.9 | HM | SEL | 2 | | | | | | 456326 | 393 | 394.5 | 0.01 |
| 390.56 | 412.9 | SI | SPV | 2 | | | | | | 456332 | 400.5 | 402 | 0.09 |
| 390.56 | 412.9 | SR | SPV | 3 | | | | | | 456335 | 405 | 406.5 | 0.09 |
| | | | | | | | | | | 456330 | 397.5 | 399 | 0.01 |
| | | | | | | | | | | 456329 | 396 | 397.5 | 0.03 |
| | | | | | | | | | | 456339 | 411 | 412.35 | 0.14 |
| | | | | | | | | | | 456336 | 406.5 | 408 | 0.01 |
| | | | | | | | | | | 456341 | 412.35 | 412.9 | 0.41 |
| | | | | | | | | | | 456334 | 403.5 | 405 | 0.05 |
| | | | | | | | | | | 456327 | 394.5 | 396 | 0.01 |
| | | | | | | | | | | 456331 | 399 | 400.5 | 0.05 |
| | | | | | | | | | | 456333 | 402 | 403.5 | 0.01 |

| | | |
|-------|--------|--------------------|
| 412.9 | 416.86 | QDR Quartz diorite |
|-------|--------|--------------------|

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 412.9 | 416.86 | BO | SEL | 4 | 412.9 | 416.86 | CPY | DIS | 0.05 | 456343 | 414 | 415.5 | 0.01 |
| 412.9 | 416.86 | CL | SEL | 4 | 412.9 | 416.86 | PY | DIS | 0.5 | 456342 | 412.9 | 414 | 0.04 |

416.86 425.34 Ton Tonalite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 416.86 | 423 | AB | SPV | 2 | 416.86 | 425.34 | CPY | STR | 0.5 | 456349 | 423 | 424.5 | 0.04 |
| 416.86 | 423 | BO | SEL | 2 | 416.86 | 425.34 | PO | STR | 0.5 | 456344 | 415.5 | 417 | 0.01 |
| 416.86 | 423 | CB | SEL | 2 | 416.86 | 425.34 | PY | STR | 1 | 456346 | 418.5 | 420 | 0.02 |
| 416.86 | 423 | CL | SEL | 3 | | | | | | 456345 | 417 | 418.5 | 0.05 |
| 416.86 | 423 | HM | SEL | 1 | | | | | | 456347 | 420 | 421.5 | 0.01 |
| 416.86 | 423 | SI | SPV | 2 | | | | | | 456348 | 421.5 | 423 | 0.02 |
| 416.86 | 423 | SR | SPV | 5 | | | | | | | | | |

425.34 426.75 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 425.34 | 426.75 | CB | PV | 5 | | | | | | 456350 | 424.5 | 426 | 0.01 |

426.75 471.31 Ton Tonalite
alternance of SR+CHL altered zone margin to PY rich mineralized veins
; 441.53-441.93 : Br zone with strong PY+CPY infill
; locally mafic enclave

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|----|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|-----|-----|-----|--------|-------|-------|------|--|
| 426.75 | 471.31 | AB | SPV | 2 | 426.75 | 471.31 | CPY | STR | 1 | 456382 | 468 | 469.5 | 0.02 | |
| 426.75 | 471.31 | BO | SEL | 2 | 426.75 | 471.31 | PO | STR | 0.5 | 456370 | 451.5 | 453 | 0.09 | |
| 426.75 | 471.31 | CB | SPV | 3 | 426.75 | 471.31 | PY | STR | 2 | 456373 | 456 | 457.5 | 0.11 | |
| 426.75 | 471.31 | CL | SEL | 5 | | | | | | 456356 | 432 | 433.5 | 0.09 | |
| 426.75 | 471.31 | HM | SPV | 2 | | | | | | 456383 | 469.5 | 471 | 0.01 | |
| 426.75 | 471.31 | SI | SPV | 2 | | | | | | 456359 | 436.5 | 438 | 0.07 | |
| 426.75 | 471.31 | SR | SPV | 4 | | | | | | 456372 | 454.5 | 456 | 0.16 | |
| | | | | | | | | | | 456371 | 453 | 454.5 | 0.22 | |
| | | | | | | | | | | 456358 | 435 | 436.5 | 0.06 | |
| | | | | | | | | | | 456366 | 445.5 | 447 | 0.05 | |
| | | | | | | | | | | 456379 | 463.5 | 465 | 0.02 | |
| | | | | | | | | | | 456368 | 448.5 | 450 | 0.28 | |
| | | | | | | | | | | 456351 | 426 | 427.5 | 0.03 | |
| | | | | | | | | | | 456357 | 433.5 | 435 | 0.02 | |
| | | | | | | | | | | 456367 | 447 | 448.5 | 0.02 | |
| | | | | | | | | | | 456364 | 444 | 445.5 | 0.04 | |
| | | | | | | | | | | 456374 | 457.5 | 459 | 0.11 | |
| | | | | | | | | | | 456375 | 459 | 460.5 | 0.01 | |
| | | | | | | | | | | 456354 | 429 | 430.5 | 0.1 | |
| | | | | | | | | | | 456376 | 460.5 | 462 | 0.02 | |
| | | | | | | | | | | 456362 | 441 | 442.5 | 0.28 | |
| | | | | | | | | | | 456360 | 438 | 439.5 | 0.03 | |
| | | | | | | | | | | 456352 | 427.5 | 429 | 0.01 | |
| | | | | | | | | | | 456355 | 430.5 | 432 | 0.05 | |
| | | | | | | | | | | 456377 | 462 | 463.5 | 0.05 | |
| | | | | | | | | | | 456363 | 442.5 | 444 | 0.05 | |
| | | | | | | | | | | 456380 | 465 | 466.5 | 0.02 | |
| | | | | | | | | | | 456361 | 439.5 | 441 | 0.04 | |
| | | | | | | | | | | 456381 | 466.5 | 468 | 0.01 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|----------------|
| | | 456369 | 450 451.5 0.59 |

471.31 473.4 QDR Quartz diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 471.31 | 473.4 | BO | SEL | 4 | 471.31 | 473.4 | PY | STR | 0.5 | 456384 | 471 | 472.5 | 0.01 |
| 471.31 | 473.4 | CL | SEL | 4 | | | | | | | | | |

473.4 488.25 Ton Tonalite
 alternance of SR+CHL altered zone margin to PY rich mineralized veins;
 ; presence of mafic enclaves

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 473.4 | 488.25 | AB | SPV | 2 | 473.4 | 488.25 | CPY | STR | 1 | 456395 | 486 | 487.5 | 0.01 |
| 473.4 | 488.25 | BO | SEL | 2 | 473.4 | 488.25 | PO | STR | 0.5 | 456385 | 472.5 | 474 | 0.03 |
| 473.4 | 488.25 | CB | SPV | 3 | 473.4 | 488.25 | PY | STR | 2 | 456394 | 484.5 | 486 | 0.01 |
| 473.4 | 488.25 | CL | SEL | 5 | | | | | | 456388 | 477 | 478.5 | 0.01 |
| 473.4 | 488.25 | HM | SEL | 2 | | | | | | 456386 | 474 | 475.5 | 0.01 |
| 473.4 | 488.25 | SI | SPV | 2 | | | | | | 456387 | 475.5 | 477 | 0.01 |
| 473.4 | 488.25 | SR | SPV | 4 | | | | | | 456391 | 480 | 481.5 | 0.03 |
| | | | | | | | | | | 456392 | 481.5 | 483 | 0.01 |
| | | | | | | | | | | 456389 | 478.5 | 480 | <0.005 |
| | | | | | | | | | | 456393 | 483 | 484.5 | 0.04 |

488.25 489.6 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 488.25 | 489.6 | CB | PV | 5 | 488.25 | 489.6 | PY | DIS | 0.5 | 456396 | 487.5 | 489 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|----------------|
| 489.6 | 498.1 | QDR | Quartz diorite |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 489.6 | 498.1 | BO | SEL | 4 | 489.6 | 498.1 | PY | STR | 0.5 | 456401 | 495 | 496.5 | 0.02 |
| 489.6 | 498.1 | CL | SEL | 4 | | | | | | 456402 | 496.5 | 498 | 0.01 |
| | | | | | | | | | | 456397 | 489 | 490.5 | 0.01 |
| | | | | | | | | | | 456399 | 492 | 493.5 | 0.18 |
| | | | | | | | | | | 456398 | 490.5 | 492 | 0.03 |
| | | | | | | | | | | 456400 | 493.5 | 495 | 0.01 |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 498.1 | 501.6 | DIA | | | 498.1 | 501.6 | PY | STR | 0.5 | 456405 | 499.5 | 501 | 0.01 |
| | | | | | | | | | | 456404 | 498 | 499.5 | 0.01 |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 501.6 | 524.54 | AB | SPV | 2 | 501.6 | 524.54 | PY | STR | 0.5 | 456413 | 511.5 | 513 | 0.03 |
| 501.6 | 524.54 | BO | SEL | 2 | | | | | | 456408 | 504 | 505.5 | 0.01 |
| 501.6 | 524.54 | CB | SEL | 3 | | | | | | 456412 | 510 | 511.5 | 0.03 |
| 501.6 | 524.54 | CL | SEL | 4 | | | | | | 456420 | 520.5 | 522 | 0.01 |
| 501.6 | 524.54 | HM | SEL | 2 | | | | | | 456407 | 502.5 | 504 | 0.01 |
| 501.6 | 524.54 | SI | SPV | 2 | | | | | | 456406 | 501 | 502.5 | 0.03 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|-------|-------|--------|--|
| | 501.6 | 524.54 | SR | SPV | 5 | 456409 | 505.5 | 507 | 0.01 | |
| | | | | | | 456414 | 513 | 514.5 | 0.01 | |
| | | | | | | 456417 | 516 | 517.5 | <0.005 | |
| | | | | | | 456411 | 508.5 | 510 | 0.01 | |
| | | | | | | 456416 | 514.5 | 516 | 0.2 | |
| | | | | | | 456421 | 522 | 523.5 | 0.01 | |
| | | | | | | 456419 | 519 | 520.5 | 0.01 | |
| | | | | | | 456410 | 507 | 508.5 | 0.01 | |
| | | | | | | 456418 | 517.5 | 519 | 0.01 | |

524.54 548 QDR Quartz diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 524.54 | 537.42 | BO | SEL | 4 | 524.54 | 548 | PY | STR | 0.05 | 456426 | 529.5 | 531 | 0.09 |
| 524.54 | 537.42 | CL | SEL | 4 | | | | | | 456429 | 532.5 | 534 | <0.005 |
| 537.42 | 548 | AB | SEL | 2 | | | | | | 456431 | 535.5 | 537 | 0.01 |
| 537.42 | 548 | BO | SEL | 2 | | | | | | 456423 | 525 | 526.5 | 0.01 |
| 537.42 | 548 | CL | SEL | 2 | | | | | | 456433 | 538.5 | 540 | 0.01 |
| 537.42 | 548 | SI | SEL | 2 | | | | | | 456438 | 546 | 547.5 | 0.02 |
| 537.42 | 548 | SR | SEL | 1 | | | | | | 456432 | 537 | 538.5 | 0.05 |
| | | | | | | | | | | 456424 | 526.5 | 528 | 0.01 |
| | | | | | | | | | | 456430 | 534 | 535.5 | 0.01 |
| | | | | | | | | | | 456434 | 540 | 541.5 | 0.46 |
| | | | | | | | | | | 456436 | 543 | 544.5 | 0.28 |
| | | | | | | | | | | 456437 | 544.5 | 546 | 0.05 |
| | | | | | | | | | | 456425 | 528 | 529.5 | 0.01 |
| | | | | | | | | | | 456422 | 523.5 | 525 | 0.01 |
| | | | | | | | | | | 456435 | 541.5 | 543 | 0.03 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | |
|----------------------|--------|---------------------|--------------------------|--------|------|---------------|--------|---------------|-------|------|--|
| | | | | 456427 | 531 | 532.5 | 0.01 | | | | |
| 548 | 548.7 | Ton | Tonalite | | | | | | | | |
| | | 8cm vein with PY-CP | | | | | | | | | |
| Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | From | To | Sample | | | | |
| 548 | 548.7 | AB | SPV | 2 | 548 | 548.7 | CPY | STR | 2 | | |
| 548 | 548.7 | BO | SEL | 2 | 548 | 548.7 | PO | STR | 0.5 | | |
| 548 | 548.7 | CB | SEL | 4 | 548 | 548.7 | PY | STR | 4 | | |
| 548 | 548.7 | CL | SEL | 4 | | | | | | | |
| 548 | 548.7 | HM | SEL | 2 | | | | | | | |
| 548 | 548.7 | SI | SPV | 2 | | | | | | | |
| 548 | 548.7 | SR | SPV | 3 | | | | | | | |
| 548.7 | 551 | LamDk | Lamprophyre Dyke | | | | | | | | |
| | | | | | | Assay Results | | Best Au (ppm) | | | |
| | | | | | | | Sample | | From | To | |
| | | | | | | | 456439 | 547.5 | 549 | 0.57 | |
| | | | | | | | 456441 | 549 | 550.5 | 0.03 | |
| 551 | 551.9 | Ton | Tonalite | | | | | | | | |
| Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au (ppm) | | | |
| From | To | Type | Style | Inten. | From | To | Sample | | | | |
| 551 | 551.9 | AB | SPV | 2 | 551 | 551.9 | PY | STR | 0.5 | | |
| 551 | 551.9 | BO | SEL | 2 | | | | | | | |
| 551 | 551.9 | CB | SEL | 4 | | | | | | | |
| 551 | 551.9 | CL | SEL | 4 | | | | | | | |
| 551 | 551.9 | HM | SEL | 2 | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|------------------|-----|---|
| | 551 | 551.9 | SI | SPV | 2 |
| | 551 | 551.9 | SR | SPV | 3 |
| 551.9 | 552 | LamDk | Lamprophyre Dyke | | |

| Sample | From | To | Best Au (ppm) |
|--------|-------|-----|---------------|
| 456442 | 550.5 | 552 | 0.09 |

Collar Report

Drilling

Azimuth : 360
Dip : -65
Length : 231
Start Date : 14-Dec-2017
End Date : 17-Dec-2017
Logged : 17-Dec-2017
Township : CHESTER
Claim No.

Casing

Length : 3
Pulled : no
Capped : Yes
Cement : no
Left in hole : no
Making water : no
Plugged : No

Core

Dimension : NQ
Diam. Change : no
Storage : Klondike Lodge
DH Type : DDH
Logged by : M Desai
Relogged by :

Coordinates - FINAL

East : 427087.28 Hole : SURFACE
North : 5266681.08 Zone : 17
Elevation: 422.94 NAD : NAD83

Target :

Comments : Hole was lost most likely due to internet issue so re-logged using photos that were taken

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 360 | -65 | TN14 | 114 | 0.6 | -64 | Reflex |
| 12 | 1.4 | -64.2 | Reflex | 117 | 0.6 | -64 | Reflex |
| 15 | 0.9 | -64.3 | Reflex | 123 | 0.2 | -64 | Reflex |
| 21 | 359.5 | -64.3 | Reflex | 126 | 0.7 | -64.1 | Reflex |
| 24 | 359.1 | -64.1 | Reflex | 129 | 0.7 | -64.2 | Reflex |
| 30 | 359.4 | -64.2 | Reflex | 132 | 0.8 | -64.1 | Reflex |
| 36 | 359.1 | -64.4 | Reflex | 135 | 0.9 | -64.1 | Reflex |
| 45 | 359.7 | -64.3 | Reflex | 138 | 1 | -64.1 | Reflex |
| 48 | 359.9 | -64.3 | Reflex | 141 | 0.8 | -64.1 | Reflex |
| 51 | 0.1 | -64.3 | Reflex | 147 | 1.1 | -64.1 | Reflex |
| 54 | 359.9 | -64.2 | Reflex | 150 | 1 | -64.1 | Reflex |
| 57 | 0.2 | -64.2 | Reflex | 156 | 1.1 | -64.1 | Reflex |
| 63 | 0 | -64.1 | Reflex | 159 | 1 | -64.1 | Reflex |
| 66 | 0.1 | -64.1 | Reflex | 162 | 1.1 | -64 | Reflex |
| 69 | 0.2 | -64.1 | Reflex | 165 | 1.1 | -64 | Reflex |
| 72 | 0.2 | -64.2 | Reflex | 168 | 359.9 | -64 | Reflex |
| 75 | 0.1 | -64.1 | Reflex | 171 | 1.3 | -64.1 | Reflex |
| 78 | 0.2 | -64.1 | Reflex | 174 | 1.2 | -64 | Reflex |
| 81 | 0.3 | -64.1 | Reflex | 177 | 1.2 | -64 | Reflex |
| 84 | 0.3 | -64.1 | Reflex | 180 | 1.2 | -64 | Reflex |
| 87 | 0.4 | -64.1 | Reflex | 183 | 1.1 | -64 | Reflex |
| 90 | 0.4 | -64.1 | Reflex | 186 | 1.1 | -64 | Reflex |
| 93 | 0.4 | -64.1 | Reflex | 189 | 1.4 | -64 | Reflex |
| 96 | 0.3 | -64.1 | Reflex | 195 | 0.7 | -64 | Reflex |
| 99 | 0.3 | -64 | Reflex | 198 | 1.5 | -64 | Reflex |
| 102 | 0.4 | -64.1 | Reflex | 201 | 1.8 | -64 | Reflex |
| 105 | 0.3 | -64 | Reflex | 204 | 1.8 | -63.9 | Reflex |
| 108 | 0.4 | -64 | Reflex | 207 | 1.5 | -63.9 | Reflex |
| 111 | 0.6 | -64 | Reflex | 210 | 1.9 | -63.9 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 213 | 2.3 | -63.9 | Reflex |
| 216 | 2.1 | -63.9 | Reflex |
| 219 | 1.8 | -63.9 | Reflex |
| 222 | 2.5 | -63.9 | Reflex |
| 225 | 2 | -63.8 | Reflex |
| 228 | 1.7 | -63.8 | Reflex |
| 231 | 2.5 | -63.8 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 3 | 4 | 765201 | A18-00680 | 2.29 | 18 | - | - | - | - | - | 0.02 |
| 4 | 5 | 765202 | A18-00680 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 5 | 6 | 765204 | A18-00680 | 5.37 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7 | 765205 | A18-00680 | 2.9 | 2.5 | - | - | - | - | - | < DL |
| 7 | 8 | 765206 | A18-00680 | 3.06 | 2.5 | - | - | - | - | - | < DL |
| 8 | 9.5 | 765207 | A18-00680 | 1.26 | 7 | - | - | - | - | - | 0.01 |
| 10.5 | 12 | 765209 | A18-00680 | 4.34 | 6 | - | - | - | - | - | 0.01 |
| 12 | 13.5 | 765210 | A18-00680 | 3.98 | 8 | - | - | - | - | - | 0.01 |
| 13.5 | 15 | 765211 | A18-00680 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16.5 | 765212 | A18-00680 | 4.08 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 18 | 765213 | A18-00680 | 3.7 | 12 | - | - | - | - | - | 0.01 |
| 18 | 19.5 | 765214 | A18-00680 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 765216 | A18-00680 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 765217 | A18-00680 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 765218 | A18-00680 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 765219 | A18-00680 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 765220 | A18-00680 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 765221 | A18-00680 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 765222 | A18-00680 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 30 | 31.5 | 765223 | A18-00680r | 3.96 | 2.5 | - | - | - | - | - | < DL |
| 31.5 | 33 | 765224 | A18-00680r | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 33 | 33.78 | 765225 | A18-00680r | 1.82 | 5 | - | - | - | - | - | 0.01 |
| 33.78 | 35.4 | 765226 | A18-00680r | 4.03 | 15 | - | - | - | - | - | 0.02 |
| 35.4 | 37 | 765227 | A18-00680r | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 37 | 38.5 | 765229 | A18-00680 | 3.56 | 6 | - | - | - | - | - | 0.01 |
| 38.5 | 39.5 | 765230 | A18-00680r | 2.91 | 2.5 | - | - | - | - | - | < DL |
| 39.5 | 41 | 765231 | A18-00680 | 3.96 | 17 | - | - | - | - | - | 0.02 |
| 41 | 42.5 | 765232 | A18-00680r | 3.82 | 7 | - | - | - | - | - | 0.01 |
| 42.5 | 44 | 765233 | A18-00680 | 3.55 | 5 | - | - | - | - | - | 0.01 |
| 44 | 45.5 | 765234 | A18-00680 | 3.37 | 5 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 45.5 | 47 | 765235 | A18-00680 | 4.23 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48.5 | 765236 | A18-00680 | 3.87 | 112 | - | - | - | - | - | 0.11 |
| 48.5 | 50 | 765237 | A18-00680 | 4.1 | 7 | - | - | - | - | - | 0.01 |
| 50 | 51.5 | 765238 | A18-00680 | 3.84 | 11 | - | - | - | - | - | 0.01 |
| 51.5 | 53 | 765239 | A18-00680 | 4.41 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54 | 765241 | A18-00680 | 2.95 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 765242 | A18-00680 | 3.73 | 11 | - | - | - | - | - | 0.01 |
| 55.5 | 57 | 765243 | A18-00680 | 3.61 | 10 | - | - | - | - | - | 0.01 |
| 57 | 58.5 | 765244 | A18-00680 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 58.5 | 60 | 765245 | A18-00680 | 4 | 2.5 | - | - | - | - | - | < DL |
| 60 | 61.5 | 765246 | A18-00680 | 4.28 | 2.5 | - | - | - | - | - | < DL |
| 61.5 | 63 | 765247 | A18-00680 | 4.73 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 765248 | A18-00680 | 3.86 | 2.5 | - | - | - | - | - | < DL |
| 64.5 | 66 | 765249 | A18-00680 | 3.76 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 765250 | A18-00680 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 67.5 | 69 | 765251 | A18-00680 | 3.96 | 2.5 | - | - | - | - | - | < DL |
| 69 | 70.5 | 765252 | A18-00680 | 3.85 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 765254 | A18-00680 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73.5 | 765255 | A18-00680 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 73.5 | 74 | 765256 | A18-00680 | 1.48 | 7 | - | - | - | - | - | 0.01 |
| 74 | 75 | 765257 | A18-00680 | 2.98 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 765258 | A18-00680 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 76.5 | 78 | 765259 | A18-00680 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 78 | 79.5 | 765260 | A18-00680 | 3.9 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 765261 | A18-00680 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82.5 | 765262 | A18-00680 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 82.5 | 84 | 765263 | A18-00680 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 765264 | A18-00680 | 4.1 | 9 | - | - | - | - | - | 0.01 |
| 85.5 | 87 | 765266 | A18-00680 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 87 | 88.5 | 765267 | A18-00680 | 3.8 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 88.5 | 90 | 765268 | A18-00680 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 765269 | A18-00680 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 91.5 | 93 | 765270 | A18-00680 | 3.28 | 2.5 | - | - | - | - | - | < DL |
| 93 | 94.5 | 765271 | A18-00680 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 94.5 | 96 | 765272 | A18-00680 | 4.35 | 2.5 | - | - | - | - | - | < DL |
| 96 | 97.5 | 765273 | A18-00680 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 97.5 | 99 | 765274 | A18-00680 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 99 | 100.5 | 765275 | A18-00680 | 3.86 | 11 | - | - | - | - | - | 0.01 |
| 100.5 | 102 | 765276 | A18-00680 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 765277 | A18-00680 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 103.5 | 105 | 765279 | A18-00680 | 4.16 | 2.5 | - | - | - | - | - | < DL |
| 105 | 106.5 | 765280 | A18-00680 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 106.5 | 108 | 765281 | A18-00680 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109.5 | 765282 | A18-00680 | 3.94 | 6 | - | - | - | - | - | 0.01 |
| 109.5 | 111 | 765283 | A18-00680 | 4.18 | 2.5 | - | - | - | - | - | < DL |
| 111 | 112.5 | 765284 | A18-00680 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 112.5 | 114 | 765285 | A18-00680 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115.5 | 765286 | A18-00680 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 115.5 | 117 | 765287 | A18-00680 | 3.39 | 11 | - | - | - | - | - | 0.01 |
| 117 | 118.5 | 765288 | A18-00680 | 3.95 | 28 | - | - | - | - | - | 0.03 |
| 118.5 | 120 | 765289 | A18-00680 | 3.42 | 14 | - | - | - | - | - | 0.01 |
| 120 | 121.5 | 765291 | A18-00680 | 4.19 | 11 | - | - | - | - | - | 0.01 |
| 121.5 | 123 | 765292 | A18-00680 | 3.89 | 14 | - | - | - | - | - | 0.01 |
| 123 | 124.5 | 765293 | A18-00680 | 3.3 | 16 | - | - | - | - | - | 0.02 |
| 124.5 | 126 | 765294 | A18-00680 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 765295 | A18-00680 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 127.5 | 129 | 765296 | A18-00680 | 4.58 | 7 | - | - | - | - | - | 0.01 |
| 129 | 130.5 | 765297 | A18-00680 | 4.35 | 2.5 | - | - | - | - | - | < DL |
| 130.5 | 132 | 765298 | A18-00680 | 3.7 | 5 | - | - | - | - | - | 0.01 |
| 132 | 133.5 | 765299 | A18-00680r | 4.13 | 13 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 133.5 | 135 | 765300 | A18-00680r | 3.78 | 23 | - | - | - | - | - | 0.02 |
| 135 | 136.5 | 765301 | A18-00680r | 3.99 | 2.5 | - | - | - | - | - | < DL |
| 136.5 | 138 | 765302 | A18-00680r | 4.18 | 8 | - | - | - | - | - | 0.01 |
| 138 | 139.5 | 765304 | A18-00680 | 3.81 | 9 | - | - | - | - | - | 0.01 |
| 139.5 | 141 | 765305 | A18-00680 | 3.92 | 7 | - | - | - | - | - | 0.01 |
| 141 | 142.5 | 765306 | A18-00680r | 3.65 | 16 | - | - | - | - | - | 0.02 |
| 142.5 | 144 | 765307 | A18-00680r | 4.06 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 765308 | A18-00680r | 4.05 | 6 | - | - | - | - | - | 0.01 |
| 145.5 | 147 | 765309 | A18-00680 | 3.75 | 14 | - | - | - | - | - | 0.01 |
| 147 | 148.5 | 765310 | A18-00680 | 4.25 | 435 | - | - | - | - | - | 0.44 |
| 148.5 | 150 | 765311 | A18-00680 | 3.68 | 109 | - | - | - | - | - | 0.11 |
| 150 | 151.5 | 765312 | A18-00680 | 3.95 | 423 | - | - | - | - | - | 0.42 |
| 151.5 | 153 | 765313 | A18-00680 | 3.48 | 114 | - | - | - | - | - | 0.11 |
| 153 | 154.5 | 765314 | A18-00680 | 3.9 | 7 | - | - | - | - | - | 0.01 |
| 154.5 | 155.5 | 765316 | A18-00680 | 2.21 | 15 | - | - | - | - | - | 0.02 |
| 155.5 | 157 | 765317 | A18-00680 | 3.31 | 6 | - | - | - | - | - | 0.01 |
| 157 | 158.5 | 765318 | A18-00680 | 4.04 | 8 | - | - | - | - | - | 0.01 |
| 158.5 | 159.5 | 765319 | A18-00680 | 2.54 | 2.5 | - | - | - | - | - | < DL |
| 159.5 | 161 | 765320 | A18-00680 | 4.61 | 2.5 | - | - | - | - | - | < DL |
| 161 | 162.5 | 765321 | A18-00680 | 4.81 | 2.5 | - | - | - | - | - | < DL |
| 162.5 | 164 | 765322 | A18-00680 | 4.11 | 5 | - | - | - | - | - | 0.01 |
| 164 | 165.5 | 765323 | A18-00680 | 4.12 | 2.5 | - | - | - | - | - | < DL |
| 165.5 | 166.5 | 765324 | A18-00680 | 2.94 | 2.5 | - | - | - | - | - | < DL |
| 166.5 | 168 | 765325 | A18-00680 | 4.21 | 40 | - | - | - | - | - | 0.04 |
| 168 | 169.5 | 765326 | A18-00680 | 4.31 | 2.5 | - | - | - | - | - | < DL |
| 169.5 | 171 | 765327 | A18-00680 | 4.26 | 9 | - | - | - | - | - | 0.01 |
| 171 | 172.5 | 765329 | A18-00680 | 4.24 | 5 | - | - | - | - | - | 0.01 |
| 172.5 | 173.5 | 765330 | A18-00680 | 2.68 | 8 | - | - | - | - | - | 0.01 |
| 173.5 | 174.5 | 765331 | A18-00680 | 2.82 | 2.5 | - | - | - | - | - | < DL |
| 174.5 | 176 | 765332 | A18-00680 | 3.78 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 176 | 176.5 | 765333 | A18-00680 | 1.55 | 2.5 | - | - | - | - | - | < DL |
| 176.5 | 177.5 | 765334 | A18-00680 | 2.74 | 9 | - | - | - | - | - | 0.01 |
| 177.5 | 179 | 765335 | A18-00680 | 4.46 | 2.5 | - | - | - | - | - | < DL |
| 179 | 180 | 765336 | A18-00680 | 3.14 | 27 | - | - | - | - | - | 0.03 |
| 180 | 181.5 | 765337 | A18-00680 | 3.98 | 6 | - | - | - | - | - | 0.01 |
| 181.5 | 183 | 765338 | A18-00680 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 765339 | A18-00680 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 186 | 765342 | A18-00680 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 765343 | A18-00680 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 188.95 | 765344 | A18-00680 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 188.95 | 189.5 | 765345 | A18-00680 | 1.03 | 8 | - | - | - | - | - | 0.01 |
| 189.5 | 190.5 | 765346 | A18-00680 | 3.01 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 191.5 | 765347 | A18-00680 | 2.67 | 2.5 | - | - | - | - | - | < DL |
| 191.5 | 193 | 765348 | A18-00680 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 193 | 194.5 | 765349 | A18-00680 | 3.87 | 7 | - | - | - | - | - | 0.01 |
| 194.5 | 196 | 765350 | A18-00680 | 3.78 | 5 | - | - | - | - | - | 0.01 |
| 196 | 196.5 | 765351 | A18-00680 | 1.22 | 10 | - | - | - | - | - | 0.01 |
| 196.5 | 198 | 765352 | A18-00680 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 765355 | A18-00680 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 765356 | A18-00680 | 3.16 | 7 | - | - | - | - | - | 0.01 |
| 201 | 202.5 | 765357 | A18-00680 | 3.75 | 10 | - | - | - | - | - | 0.01 |
| 202.5 | 204 | 765358 | A18-00680 | 3.97 | 13 | - | - | - | - | - | 0.01 |
| 204 | 205.5 | 765359 | A18-00680 | 4.04 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 765360 | A18-00680 | 3.56 | 13 | - | - | - | - | - | 0.01 |
| 207 | 208.5 | 765361 | A18-00680 | 4.56 | 17 | - | - | - | - | - | 0.02 |
| 208.5 | 209.72 | 765362 | A18-00680 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 209.72 | 211 | 765363 | A18-00680 | 3.07 | 2.5 | - | - | - | - | - | < DL |
| 211 | 212.5 | 765364 | A18-00680 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 212.5 | 214 | 765366 | A18-00680 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215.5 | 765367 | A18-00680 | 3.95 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 215.5 | 217 | 765368 | A18-00680 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218.5 | 765369 | A18-00680 | 4.19 | 2.5 | - | - | - | - | - | < DL |
| 218.5 | 220 | 765370 | A18-00680 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221.5 | 765371 | A18-00680 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 221.5 | 222.5 | 765372 | A18-00680 | 2.29 | 2.5 | - | - | - | - | - | < DL |
| 222.5 | 223.5 | 765373 | A18-00680 | 2.24 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 765374 | A18-00680 | 3.45 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226.5 | 765375 | A18-00680 | 3.25 | 7 | - | - | - | - | - | 0.01 |
| 226.5 | 228 | 765376 | A18-00680 | 3.37 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229.5 | 765377 | A18-00680 | 4.23 | 7 | - | - | - | - | - | 0.01 |
| 229.5 | 231 | 765379 | A18-00680 | 3.75 | 11 | - | - | - | - | - | 0.01 |
| 9.5 | 10.5 | 765380 | A18-00680 | 2.82 | 5 | - | - | - | - | - | 0.01 |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 3 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|-------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | 33.76 | QDR | Quartz diorite medium to coarse grained QDR; rare tonalite fragments; EP alt in sporadic patches ; 0.05% (trace) PY + PO minealization |
|---|-------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 3 | 9.06 | AB | PV | 2 | 3 | 33.76 | PO | STR | 0.05 | 765201 | 3 | 4 | 0.02 |
| 3 | 9.06 | BO | SEL | 2 | 3 | 33.76 | PY | STR | 0.05 | 765202 | 4 | 5 | <0.005 |
| 3 | 9.06 | CL | SEL | 2 | | | | | | 765204 | 5 | 6 | <0.005 |
| 3 | 9.06 | EP | SEL | 1 | | | | | | 765205 | 6 | 7 | <0.005 |
| 3 | 9.06 | HM | SEL | 1 | | | | | | 765206 | 7 | 8 | <0.005 |
| 3 | 9.06 | SI | PV | 2 | | | | | | 765207 | 8 | 9.5 | 0.01 |
| 9.06 | 33.76 | AB | PV | 1 | | | | | | 765209 | 10.5 | 12 | 0.01 |
| 9.06 | 33.76 | BO | SEL | 3 | | | | | | 765210 | 12 | 13.5 | 0.01 |
| 9.06 | 33.76 | CB | SEL | 2 | | | | | | 765211 | 13.5 | 15 | <0.005 |
| 9.06 | 33.76 | CL | SEL | 3 | | | | | | 765212 | 15 | 16.5 | <0.005 |
| 9.06 | 33.76 | SI | PV | 1 | | | | | | 765213 | 16.5 | 18 | 0.01 |
| | | | | | | | | | | 765214 | 18 | 19.5 | <0.005 |
| | | | | | | | | | | 765216 | 19.5 | 21 | <0.005 |
| | | | | | | | | | | 765217 | 21 | 22.5 | <0.005 |
| | | | | | | | | | | 765218 | 22.5 | 24 | <0.005 |
| | | | | | | | | | | 765219 | 24 | 25.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-------------------------------------------------|-------|--------|--------------------------|---------------|---------------|-------|-------|--------|-------|-------|--------|
| | | 765220 | 25.5 | 27 | <0.005 | | | | | | | | |
| | | 765221 | 27 | 28.5 | <0.005 | | | | | | | | |
| | | 765222 | 28.5 | 30 | <0.005 | | | | | | | | |
| | | 765223 | 30 | 31.5 | <0.005 | | | | | | | | |
| | | 765224 | 31.5 | 33 | <0.005 | | | | | | | | |
| | | 765380 | 9.5 | 10.5 | 0.01 | | | | | | | | |
| 33.76 | 35.4 | TonBx Tonalite Breccia sup contact alpha =60 | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | Assay Results | Best Au (ppm) | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 33.76 | 35.4 | CB | SEL | 1 | | | | | | 765225 | 33 | 33.78 | 0.01 |
| 33.76 | 35.4 | CL | PV | 3 | | | | | | 765226 | 33.78 | 35.4 | 0.02 |
| 33.76 | 35.4 | HM | SEL | 1 | | | | | | | | | |
| 33.76 | 35.4 | SR | SPV | 1 | | | | | | | | | |
| 35.4 | 61.07 | QDR Quartz diorite | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | Assay Results | Best Au (ppm) | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 35.4 | 61.07 | AB | PV | 1 | | | | | | 765227 | 35.4 | 37 | <0.005 |
| 35.4 | 61.07 | BO | SEL | 3 | | | | | | 765229 | 37 | 38.5 | 0.01 |
| 35.4 | 61.07 | CB | SEL | 2 | | | | | | 765230 | 38.5 | 39.5 | <0.005 |
| 35.4 | 61.07 | CL | SEL | 3 | | | | | | 765231 | 39.5 | 41 | 0.02 |
| 35.4 | 61.07 | SI | PV | 1 | | | | | | 765232 | 41 | 42.5 | 0.01 |
| | | | | | | | | | | 765233 | 42.5 | 44 | 0.01 |
| | | | | | | | | | | 765234 | 44 | 45.5 | 0.01 |
| | | | | | | | | | | 765235 | 45.5 | 47 | <0.005 |
| | | | | | | | | | | 765236 | 47 | 48.5 | 0.11 |
| | | | | | | | | | | 765237 | 48.5 | 50 | 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|-----------------------|
| | | 765238 50 51.5 0.01 |
| | | 765239 51.5 53 <0.005 |
| | | 765241 53 54 <0.005 |
| | | 765242 54 55.5 0.01 |
| | | 765243 55.5 57 0.01 |
| | | 765244 57 58.5 <0.005 |
| | | 765245 58.5 60 <0.005 |

| | | |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------|
| 61.07 | 62.73 | LamDk Lamprophyre Dyke sheared;1-3mm abundant calcite stringers; sup contact alpha=40 beta=70 and inf contact alpha=40 beta=60 |
| | | Sample From To Best Au (ppm) |
| | | 765246 60 61.5 <0.005 |

| 62.73 | 104.24 | QDR Quartz diorite 75.59-76.18m mafic dyke | | | | | | | | | | | |
|----------------------|--------|-----------------------------------------------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 62.73 | 79.25 | AB | PV | 1 | | | | | | 765247 | 61.5 | 63 | <0.005 |
| 62.73 | 79.25 | BO | SEL | 3 | | | | | | 765248 | 63 | 64.5 | <0.005 |
| 62.73 | 79.25 | CB | SEL | 2 | | | | | | 765249 | 64.5 | 66 | <0.005 |
| 62.73 | 79.25 | CL | SEL | 3 | | | | | | 765250 | 66 | 67.5 | <0.005 |
| 62.73 | 79.25 | SI | PV | 1 | | | | | | 765251 | 67.5 | 69 | <0.005 |
| 79.25 | 86.69 | AB | PV | 1 | | | | | | 765252 | 69 | 70.5 | <0.005 |
| 79.25 | 86.69 | BO | SEL | 4 | | | | | | 765254 | 70.5 | 72 | <0.005 |
| 79.25 | 86.69 | CB | SEL | 1 | | | | | | 765255 | 72 | 73.5 | <0.005 |
| 79.25 | 86.69 | CL | SEL | 4 | | | | | | 765256 | 73.5 | 74 | 0.01 |
| 79.25 | 86.69 | SI | PV | 1 | | | | | | 765257 | 74 | 75 | <0.005 |
| 86.69 | 104.24 | AB | PV | 1 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----------------------------------|---|--------|-------|-------|---------------|--|
| 86.69 | 104.24 | BO | SEL | 3 | 765258 | 75 | 76.5 | <0.005 | |
| 86.69 | 104.24 | CB | SEL | 2 | 765259 | 76.5 | 78 | <0.005 | |
| 86.69 | 104.24 | CL | SEL | 3 | 765260 | 78 | 79.5 | <0.005 | |
| 86.69 | 104.24 | HM | SEL | 1 | 765261 | 79.5 | 81 | <0.005 | |
| 86.69 | 104.24 | SI | PV | 1 | 765262 | 81 | 82.5 | <0.005 | |
| | | | | | 765263 | 82.5 | 84 | <0.005 | |
| | | | | | 765264 | 84 | 85.5 | 0.01 | |
| | | | | | 765266 | 85.5 | 87 | <0.005 | |
| | | | | | 765267 | 87 | 88.5 | <0.005 | |
| | | | | | 765268 | 88.5 | 90 | <0.005 | |
| | | | | | 765269 | 90 | 91.5 | <0.005 | |
| | | | | | 765270 | 91.5 | 93 | <0.005 | |
| | | | | | 765271 | 93 | 94.5 | <0.005 | |
| | | | | | 765272 | 94.5 | 96 | <0.005 | |
| | | | | | 765273 | 96 | 97.5 | <0.005 | |
| | | | | | 765274 | 97.5 | 99 | <0.005 | |
| | | | | | 765275 | 99 | 100.5 | 0.01 | |
| | | | | | 765276 | 100.5 | 102 | <0.005 | |
| | | | | | 765277 | 102 | 103.5 | <0.005 | |
| 104.24 | 108.21 | LamDk | Lamprophyre Dyke | | | | | | |
| | | | 1-2mm abundant calcite stringers | | | | | | |
| | | | | | Sample | From | To | Best Au (ppm) | |
| | | | | | 765279 | 103.5 | 105 | <0.005 | |
| | | | | | 765280 | 105 | 106.5 | <0.005 | |
| | | | | | 765281 | 106.5 | 108 | <0.005 | |
| 108.21 | 159.47 | QDR | Quartz diorite | | | | | | |
| | | | CL PV(4) alt in certain spots | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
|----------|--------|-----------|--------|------|--------------------------|--------|------|----|------|---------------|-------|--------|---------------|-------|--------|
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 108.21 | 159.47 | AB | PV | 1 | | | | | | 765282 | 108 | 109.5 | 0.01 |
| | | 108.21 | 159.47 | BO | SEL | 3 | | | | | | 765283 | 109.5 | 111 | <0.005 |
| | | 108.21 | 159.47 | CB | SEL | 2 | | | | | | 765284 | 111 | 112.5 | <0.005 |
| | | 108.21 | 159.47 | CL | SEL | 3 | | | | | | 765285 | 112.5 | 114 | <0.005 |
| | | 108.21 | 159.47 | SI | PV | 1 | | | | | | 765286 | 114 | 115.5 | <0.005 |
| | | | | | | | | | | | | 765287 | 115.5 | 117 | 0.01 |
| | | | | | | | | | | | | 765288 | 117 | 118.5 | 0.03 |
| | | | | | | | | | | | | 765289 | 118.5 | 120 | 0.01 |
| | | | | | | | | | | | | 765291 | 120 | 121.5 | 0.01 |
| | | | | | | | | | | | | 765292 | 121.5 | 123 | 0.01 |
| | | | | | | | | | | | | 765293 | 123 | 124.5 | 0.02 |
| | | | | | | | | | | | | 765294 | 124.5 | 126 | <0.005 |
| | | | | | | | | | | | | 765295 | 126 | 127.5 | <0.005 |
| | | | | | | | | | | | | 765296 | 127.5 | 129 | 0.01 |
| | | | | | | | | | | | | 765297 | 129 | 130.5 | <0.005 |
| | | | | | | | | | | | | 765298 | 130.5 | 132 | 0.01 |
| | | | | | | | | | | | | 765299 | 132 | 133.5 | 0.01 |
| | | | | | | | | | | | | 765300 | 133.5 | 135 | 0.02 |
| | | | | | | | | | | | | 765301 | 135 | 136.5 | <0.005 |
| | | | | | | | | | | | | 765302 | 136.5 | 138 | 0.01 |
| | | | | | | | | | | | | 765304 | 138 | 139.5 | 0.01 |
| | | | | | | | | | | | | 765305 | 139.5 | 141 | 0.01 |
| | | | | | | | | | | | | 765306 | 141 | 142.5 | 0.02 |
| | | | | | | | | | | | | 765307 | 142.5 | 144 | <0.005 |
| | | | | | | | | | | | | 765308 | 144 | 145.5 | 0.01 |
| | | | | | | | | | | | | 765309 | 145.5 | 147 | 0.01 |
| | | | | | | | | | | | | 765310 | 147 | 148.5 | 0.44 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|----------------------|--------------------------------------------------|-------|--------------------------|--------|---------------|----|---------------|-------|-------|--------|-------|-------|---------------|
| | | 765311 | 148.5 | 150 | 0.11 | | | | | | | | | | |
| | | 765312 | 150 | 151.5 | 0.42 | | | | | | | | | | |
| | | 765313 | 151.5 | 153 | 0.11 | | | | | | | | | | |
| | | 765314 | 153 | 154.5 | 0.01 | | | | | | | | | | |
| | | 765316 | 154.5 | 155.5 | 0.02 | | | | | | | | | | |
| | | 765317 | 155.5 | 157 | 0.01 | | | | | | | | | | |
| | | 765318 | 157 | 158.5 | 0.01 | | | | | | | | | | |
| 159.47 | 161.82 | MafDk | Mafic Dyke sup and inf contact are irregular | | | | | | | | | | | | |
| | | Sample | From | To | Best Au (ppm) | | | | | | | | | | |
| | | 765319 | 158.5 | 159.5 | <0.005 | | | | | | | | | | |
| | | 765320 | 159.5 | 161 | <0.005 | | | | | | | | | | |
| 161.82 | 173 | QDRBx | Qtz Diorite Breccia 162.27-162.88m mafic dyke | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | Assay Results | | Best Au (ppm) | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| | | 161.82 | 173 | AB | PV | 1 | | | | | | 765321 | 161 | 162.5 | <0.005 |
| | | 161.82 | 173 | BO | SEL | 3 | | | | | | 765322 | 162.5 | 164 | 0.01 |
| | | 161.82 | 173 | CB | SEL | 3 | | | | | | 765323 | 164 | 165.5 | <0.005 |
| | | 161.82 | 173 | CL | SEL | 3 | | | | | | 765324 | 165.5 | 166.5 | <0.005 |
| | | 161.82 | 173 | EP | SEL | 1 | | | | | | 765325 | 166.5 | 168 | 0.04 |
| | | 161.82 | 173 | SI | PV | 1 | | | | | | 765326 | 168 | 169.5 | <0.005 |
| | | | | | | | | | | | | 765327 | 169.5 | 171 | 0.01 |
| | | | | | | | | | | | | 765329 | 171 | 172.5 | 0.01 |
| 173 | 177.73 | QDR | Quartz diorite | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------|-------|--------------------------|---------------|--------|-------|-----|---------------|--------|-----|---------------|------|--------|------|-------|--------|------|----|------|-------|-------|--------|------|----|-------|--------|----|----|---|--|--|--|--|--|--------|-------|-------|--------|-------|--------|----|-----|---|--|--|--|--|--|--------|-------|-------|--------|-------|--------|----|-----|---|--|--|--|--|--|--------|-------|-----|--------|-------|--------|----|-----|---|--|--|--|--|--|--------|-----|-------|--------|-------|--------|----|----|---|--|--|--|--|--|--------|-------|-------|------|
| | | <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th rowspan="2">Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>173</td> <td>177.73</td> <td>AB</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765330</td> <td>172.5</td> <td>173.5</td> <td>0.01</td> </tr> <tr> <td>173</td> <td>177.73</td> <td>BO</td> <td>SEL</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765331</td> <td>173.5</td> <td>174.5</td> <td><0.005</td> </tr> <tr> <td>173</td> <td>177.73</td> <td>CB</td> <td>SEL</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765332</td> <td>174.5</td> <td>176</td> <td><0.005</td> </tr> <tr> <td>173</td> <td>177.73</td> <td>CL</td> <td>SEL</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765333</td> <td>176</td> <td>176.5</td> <td><0.005</td> </tr> <tr> <td>173</td> <td>177.73</td> <td>SI</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765334</td> <td>176.5</td> <td>177.5</td> <td>0.01</td> </tr> </tbody> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | 173 | 177.73 | AB | PV | 1 | | | | | | 765330 | 172.5 | 173.5 | 0.01 | 173 | 177.73 | BO | SEL | 4 | | | | | | 765331 | 173.5 | 174.5 | <0.005 | 173 | 177.73 | CB | SEL | 1 | | | | | | 765332 | 174.5 | 176 | <0.005 | 173 | 177.73 | CL | SEL | 4 | | | | | | 765333 | 176 | 176.5 | <0.005 | 173 | 177.73 | SI | PV | 1 | | | | | | 765334 | 176.5 | 177.5 | 0.01 |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 177.73 | AB | PV | 1 | | | | | | 765330 | 172.5 | 173.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 177.73 | BO | SEL | 4 | | | | | | 765331 | 173.5 | 174.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 177.73 | CB | SEL | 1 | | | | | | 765332 | 174.5 | 176 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 177.73 | CL | SEL | 4 | | | | | | 765333 | 176 | 176.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 177.73 | SI | PV | 1 | | | | | | 765334 | 176.5 | 177.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 177.73 | 182.9 | QFP | Qtz Feldspar porph | | | 2-4mm few calcite stringers present; subhedral plag crystals are slightly foliated in certain locations of the interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Sample</th> <th>From</th> <th>To</th> <th>Best Au (ppm)</th> </tr> </thead> <tbody> <tr> <td>765335</td> <td>177.5</td> <td>179</td> <td><0.005</td> </tr> <tr> <td>765336</td> <td>179</td> <td>180</td> <td>0.03</td> </tr> <tr> <td>765337</td> <td>180</td> <td>181.5</td> <td>0.01</td> </tr> </tbody> </table> | | | Sample | From | To | Best Au (ppm) | 765335 | 177.5 | 179 | <0.005 | 765336 | 179 | 180 | 0.03 | 765337 | 180 | 181.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 765335 | 177.5 | 179 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 765336 | 179 | 180 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 765337 | 180 | 181.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | QDR | Quartz diorite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th rowspan="2">Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>182.9</td> <td>187.64</td> <td>AB</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765338</td> <td>181.5</td> <td>183</td> <td><0.005</td> </tr> <tr> <td>182.9</td> <td>187.64</td> <td>BO</td> <td>SEL</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765339</td> <td>183</td> <td>184.5</td> <td><0.005</td> </tr> <tr> <td>182.9</td> <td>187.64</td> <td>CB</td> <td>SEL</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765342</td> <td>184.5</td> <td>186</td> <td><0.005</td> </tr> <tr> <td>182.9</td> <td>187.64</td> <td>CL</td> <td>SEL</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765343</td> <td>186</td> <td>187.5</td> <td><0.005</td> </tr> <tr> <td>182.9</td> <td>187.64</td> <td>SI</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | 182.9 | 187.64 | AB | PV | 1 | | | | | | 765338 | 181.5 | 183 | <0.005 | 182.9 | 187.64 | BO | SEL | 3 | | | | | | 765339 | 183 | 184.5 | <0.005 | 182.9 | 187.64 | CB | SEL | 2 | | | | | | 765342 | 184.5 | 186 | <0.005 | 182.9 | 187.64 | CL | SEL | 3 | | | | | | 765343 | 186 | 187.5 | <0.005 | 182.9 | 187.64 | SI | PV | 1 | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | AB | PV | 1 | | | | | | 765338 | 181.5 | 183 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | BO | SEL | 3 | | | | | | 765339 | 183 | 184.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | CB | SEL | 2 | | | | | | 765342 | 184.5 | 186 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | CL | SEL | 3 | | | | | | 765343 | 186 | 187.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182.9 | 187.64 | SI | PV | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | QDRBx | Qtz Diorite Breccia | | | EP PV(4) alt in sporadic patches | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td>187.64</td> <td>207.1</td> <td>AB</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765344</td> <td>187.5</td> <td>188.95</td> <td><0.005</td> </tr> <tr> <td>187.64</td> <td>207.1</td> <td>BO</td> <td>SEL</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765345</td> <td>188.95</td> <td>189.5</td> <td>0.01</td> </tr> <tr> <td>187.64</td> <td>207.1</td> <td>CB</td> <td>SEL</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765346</td> <td>189.5</td> <td>190.5</td> <td><0.005</td> </tr> <tr> <td>187.64</td> <td>207.1</td> <td>CL</td> <td>SEL</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765347</td> <td>190.5</td> <td>191.5</td> <td><0.005</td> </tr> <tr> <td>187.64</td> <td>207.1</td> <td>EP</td> <td>SEL</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765348</td> <td>191.5</td> <td>193</td> <td><0.005</td> </tr> <tr> <td>187.64</td> <td>207.1</td> <td>SI</td> <td>PV</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765349</td> <td>193</td> <td>194.5</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765350</td> <td>194.5</td> <td>196</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765351</td> <td>196</td> <td>196.5</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765352</td> <td>196.5</td> <td>198</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765355</td> <td>198</td> <td>199.5</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765356</td> <td>199.5</td> <td>201</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765357</td> <td>201</td> <td>202.5</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765358</td> <td>202.5</td> <td>204</td> <td>0.01</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765359</td> <td>204</td> <td>205.5</td> <td><0.005</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765360</td> <td>205.5</td> <td>207</td> <td>0.01</td> </tr> </tbody> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | 187.64 | 207.1 | AB | PV | 1 | | | | | | 765344 | 187.5 | 188.95 | <0.005 | 187.64 | 207.1 | BO | SEL | 3 | | | | | | 765345 | 188.95 | 189.5 | 0.01 | 187.64 | 207.1 | CB | SEL | 2 | | | | | | 765346 | 189.5 | 190.5 | <0.005 | 187.64 | 207.1 | CL | SEL | 3 | | | | | | 765347 | 190.5 | 191.5 | <0.005 | 187.64 | 207.1 | EP | SEL | 1 | | | | | | 765348 | 191.5 | 193 | <0.005 | 187.64 | 207.1 | SI | PV | 1 | | | | | | 765349 | 193 | 194.5 | 0.01 | | | | | | | | | | | 765350 | 194.5 | 196 | 0.01 | | | | | | | | | | | 765351 | 196 | 196.5 | 0.01 | | | | | | | | | | | 765352 | 196.5 | 198 | <0.005 | | | | | | | | | | | 765355 | 198 | 199.5 | <0.005 | | | | | | | | | | | 765356 | 199.5 | 201 | 0.01 | | | | | | | | | | | 765357 | 201 | 202.5 | 0.01 | | | | | | | | | | | 765358 | 202.5 | 204 | 0.01 | | | | | | | | | | | 765359 | 204 | 205.5 | <0.005 | | | | | | | | | | | 765360 | 205.5 | 207 | 0.01 |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | AB | PV | 1 | | | | | | 765344 | 187.5 | 188.95 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | BO | SEL | 3 | | | | | | 765345 | 188.95 | 189.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | CB | SEL | 2 | | | | | | 765346 | 189.5 | 190.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | CL | SEL | 3 | | | | | | 765347 | 190.5 | 191.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | EP | SEL | 1 | | | | | | 765348 | 191.5 | 193 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187.64 | 207.1 | SI | PV | 1 | | | | | | 765349 | 193 | 194.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765350 | 194.5 | 196 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765351 | 196 | 196.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765352 | 196.5 | 198 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765355 | 198 | 199.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765356 | 199.5 | 201 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765357 | 201 | 202.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765358 | 202.5 | 204 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765359 | 204 | 205.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765360 | 205.5 | 207 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 207.1 | 209.77 | LamDk | Lamprophyre Dyke sheared; strong CB alt; sup and inf contact have similar alpha =40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td>207.1</td> <td>209.77</td> <td>CB</td> <td>SEL</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765361</td> <td>207</td> <td>208.5</td> <td>0.02</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765362</td> <td>208.5</td> <td>209.72</td> <td><0.005</td> </tr> </tbody> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | 207.1 | 209.77 | CB | SEL | 5 | | | | | | 765361 | 207 | 208.5 | 0.02 | | | | | | | | | | | 765362 | 208.5 | 209.72 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 207.1 | 209.77 | CB | SEL | 5 | | | | | | 765361 | 207 | 208.5 | 0.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765362 | 208.5 | 209.72 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209.77 | 231 | QDRBx | Qtz Diorite Breccia 0.5% PY + PO mineralization mainly structurally controlled | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> </table> | | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------|--------|-----------|-----|---|--------|-----|----|-----|-----|--------|--------|-------|--------|
| 215.11 | 231 | AB | PV | 2 | 209.77 | 231 | PO | STR | 0.5 | 765363 | 209.72 | 211 | <0.005 |
| 215.11 | 231 | BO | SEL | 4 | 209.77 | 231 | PY | STR | 0.5 | 765364 | 211 | 212.5 | <0.005 |
| 215.11 | 231 | CB | SEL | 3 | | | | | | 765366 | 212.5 | 214 | <0.005 |
| 215.11 | 231 | CL | SEL | 4 | | | | | | 765367 | 214 | 215.5 | <0.005 |
| 215.11 | 231 | SI | PV | 2 | | | | | | 765368 | 215.5 | 217 | <0.005 |
| 215.11 | 231 | SR | PV | 2 | | | | | | 765369 | 217 | 218.5 | <0.005 |
| | | | | | | | | | | 765370 | 218.5 | 220 | <0.005 |
| | | | | | | | | | | 765371 | 220 | 221.5 | <0.005 |
| | | | | | | | | | | 765372 | 221.5 | 222.5 | <0.005 |
| | | | | | | | | | | 765373 | 222.5 | 223.5 | <0.005 |
| | | | | | | | | | | 765374 | 223.5 | 225 | <0.005 |
| | | | | | | | | | | 765375 | 225 | 226.5 | 0.01 |
| | | | | | | | | | | 765376 | 226.5 | 228 | <0.005 |
| | | | | | | | | | | 765377 | 228 | 229.5 | 0.01 |
| | | | | | | | | | | 765379 | 229.5 | 231 | 0.01 |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 360 | Length : | 3 | Dimension : | NQ |
| Dip : | -65 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 18-Dec-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 21-Dec-2017 | Left in hole : | no | Logged by : | M Desai |
| Logged : | 11-Jan-2018 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|------------|--------|---------|
| East : | 426746.04 | Hole : | SURFACE |
| North : | 5266679.55 | Zone : | 17 |
| Elevation: | 413.8 | NAD : | NAD83 |

Target : TMF

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 360 | -65 | TN14 | 105 | 359.1 | -64.8 | Reflex |
| 15 | 0.1 | -64.7 | Reflex | 108 | 0.8 | -64.8 | Reflex |
| 21 | 0.2 | -64.8 | Reflex | 111 | 1.3 | -64.8 | Reflex |
| 24 | 359.5 | -64.8 | Reflex | 114 | 1.1 | -64.7 | Reflex |
| 27 | 0.5 | -64.9 | Reflex | 117 | 359.5 | -64.8 | Reflex |
| 30 | 0.4 | -64.8 | Reflex | 120 | 0.8 | -64.9 | Reflex |
| 33 | 0.2 | -64.8 | Reflex | 123 | 0.3 | -64.8 | Reflex |
| 36 | 1.4 | -64.8 | Reflex | 126 | 359.9 | -64.9 | Reflex |
| 39 | 0.2 | -64.8 | Reflex | 132 | 359 | -64.8 | Reflex |
| 42 | 0.5 | -64.8 | Reflex | 138 | 0.9 | -64.8 | Reflex |
| 45 | 0 | -64.8 | Reflex | 141 | 359.3 | -64.7 | Reflex |
| 48 | 0.8 | -64.8 | Reflex | 144 | 359.3 | -64.7 | Reflex |
| 51 | 359.6 | -64.8 | Reflex | 147 | 359.9 | -64.7 | Reflex |
| 54 | 359.6 | -64.8 | Reflex | 150 | 359.1 | -64.6 | Reflex |
| 57 | 359.9 | -64.9 | Reflex | 153 | 0.7 | -64.6 | Reflex |
| 60 | 0.4 | -64.8 | Reflex | 156 | 1.2 | -64.6 | Reflex |
| 63 | 0.2 | -64.8 | Reflex | 162 | 0.3 | -64.5 | Reflex |
| 66 | 0.6 | -64.8 | Reflex | 168 | 1.4 | -64.5 | Reflex |
| 69 | 0.8 | -64.8 | Reflex | 171 | 1.4 | -64.5 | Reflex |
| 72 | 359.5 | -64.8 | Reflex | 174 | 1 | -64.5 | Reflex |
| 75 | 359.9 | -64.9 | Reflex | 177 | 0.5 | -64.5 | Reflex |
| 78 | 358.9 | -64.9 | Reflex | 180 | 1.8 | -64.5 | Reflex |
| 81 | 358.6 | -64.8 | Reflex | 183 | 2 | -64.5 | Reflex |
| 84 | 358.2 | -64.8 | Reflex | 186 | 2.1 | -64.5 | Reflex |
| 90 | 359.8 | -64.8 | Reflex | 189 | 1.2 | -64.5 | Reflex |
| 93 | 0.9 | -64.8 | Reflex | 192 | 0.9 | -64.5 | Reflex |
| 96 | 359.8 | -64.8 | Reflex | 195 | 2.1 | -64.5 | Reflex |
| 99 | 359.6 | -64.8 | Reflex | 201 | 2 | -64.4 | Reflex |
| 102 | 0.1 | -64.8 | Reflex | 204 | 1.5 | -64.4 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 207 | 1.4 | -64.4 | Reflex |
| 210 | 0.5 | -64.4 | Reflex |
| 213 | 2.5 | -64.4 | Reflex |
| 216 | 2.1 | -64.4 | Reflex |
| 222 | 2.2 | -64.3 | Reflex |
| 231 | 2.4 | -64.3 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 2 | 3 | 765401 | A18-01469 | 2.47 | 11 | - | - | - | - | - | 0.01 |
| 3 | 4.5 | 765402 | A18-01469 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 4.5 | 6 | 765404 | A18-01469 | 4.36 | 2.5 | - | - | - | - | - | < DL |
| 6 | 7.5 | 765405 | A18-01469 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 7.5 | 9 | 765406 | A18-01469 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 9 | 10.5 | 765407 | A18-01469 | 3.92 | 2.5 | - | - | - | - | - | < DL |
| 10.5 | 12 | 765408 | A18-01469 | 4.23 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 765409 | A18-01469 | 4.08 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 765410 | A18-01469 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 15 | 16.5 | 765411 | A18-01469 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 16.5 | 18 | 765412 | A18-01469 | 4.23 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 765413 | A18-01469 | 4.47 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 765414 | A18-01469 | 4.8 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 765416 | A18-01469 | 4.43 | 2.5 | - | - | - | - | - | < DL |
| 22.5 | 24 | 765417 | A18-01469 | 4.32 | 2.5 | - | - | - | - | - | < DL |
| 24 | 25.5 | 765418 | A18-01469 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 765419 | A18-01469 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 765420 | A18-01469 | 4.55 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 765421 | A18-01469 | 3.69 | 6 | - | - | - | - | - | 0.01 |
| 30 | 31.5 | 765422 | A18-01469 | 3.42 | 5 | - | - | - | - | - | 0.01 |
| 31.5 | 33 | 765423 | A18-01469 | 4.1 | 2.5 | - | - | - | - | - | < DL |
| 33 | 34.5 | 765424 | A18-01469 | 3.54 | 2.5 | - | - | - | - | - | < DL |
| 34.5 | 36 | 765425 | A18-01469 | 3.61 | 2.5 | - | - | - | - | - | < DL |
| 36 | 36.32 | 765426 | A18-01469 | 0.735 | 2.5 | - | - | - | - | - | < DL |
| 36.32 | 37.5 | 765427 | A18-01469 | 2.57 | 2.5 | - | - | - | - | - | < DL |
| 37.5 | 38.6 | 765429 | A18-01469 | 2.51 | 2.5 | - | - | - | - | - | < DL |
| 38.6 | 39.5 | 765430 | A18-01469 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 39.5 | 41 | 765431 | A18-01469 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 41 | 42.5 | 765432 | A18-01469 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 42.5 | 44 | 765433 | A18-01469 | 3.66 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 44 | 45.5 | 765434 | A18-01469 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 45.5 | 47 | 765435 | A18-01469 | 3.9 | 2.5 | - | - | - | - | - | < DL |
| 47 | 48.5 | 765436 | A18-01469 | 3.92 | 2.5 | - | - | - | - | - | < DL |
| 48.5 | 50 | 765437 | A18-01469 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 50 | 51.5 | 765438 | A18-01469 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 51.5 | 53 | 765439 | A18-01469 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 53 | 54.5 | 765441 | A18-01469 | 4.02 | 6 | - | - | - | - | - | 0.01 |
| 54.5 | 56 | 765442 | A18-01469 | 3.92 | 8 | - | - | - | - | - | 0.01 |
| 56 | 57.5 | 765443 | A18-01469 | 3.73 | 6 | - | - | - | - | - | 0.01 |
| 57.5 | 59 | 765444 | A18-01469 | 3.51 | 2.5 | - | - | - | - | - | < DL |
| 59 | 60.5 | 765445 | A18-01469 | 3.66 | 2.5 | - | - | - | - | - | < DL |
| 60.5 | 62 | 765446 | A18-01469 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63.5 | 765447 | A18-01469 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 63.5 | 65 | 765448 | A18-01469 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 65 | 66.5 | 765449 | A18-01469 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 66.5 | 68 | 765450 | A18-01469 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 68 | 68.7 | 765451 | A18-01469 | 1.57 | 2.5 | - | - | - | - | - | < DL |
| 68.7 | 69.5 | 765452 | A18-01469 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 69.5 | 70.5 | 765454 | A18-01469 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 70.5 | 72 | 765455 | A18-01469 | 4.47 | 2.5 | - | - | - | - | - | < DL |
| 72 | 73.5 | 765456 | A18-01469 | 4.29 | 2.5 | - | - | - | - | - | < DL |
| 73.5 | 75 | 765457 | A18-01469 | 4.34 | 2.5 | - | - | - | - | - | < DL |
| 75 | 76.5 | 765458 | A18-01469 | 4.39 | 8 | - | - | - | - | - | 0.01 |
| 76.5 | 78 | 765459 | A18-01469 | 3.57 | 65 | - | - | - | - | - | 0.07 |
| 78 | 79.5 | 765460 | A18-01469 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 79.5 | 81 | 765461 | A18-01469 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 81 | 82.5 | 765462 | A18-01469 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 82.5 | 84 | 765463 | A18-01469 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 84 | 85.5 | 765464 | A18-01469 | 4.41 | 26 | - | - | - | - | - | 0.03 |
| 85.5 | 87 | 765466 | A18-01469 | 4.86 | 7 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 87 | 88 | 765467 | A18-01469 | 2.87 | 2.5 | - | - | - | - | - | < DL |
| 88 | 89.5 | 765468 | A18-01469 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 89.5 | 91 | 765469 | A18-01469 | 4.07 | 2.5 | - | - | - | - | - | < DL |
| 91 | 92.5 | 765470 | A18-01469 | 3.96 | 12 | - | - | - | - | - | 0.01 |
| 92.5 | 94 | 765471 | A18-01469 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 94 | 95 | 765472 | A18-01469 | 2.47 | 2.5 | - | - | - | - | - | < DL |
| 95 | 96.25 | 765473 | A18-01469 | 2.28 | 2.5 | - | - | - | - | - | < DL |
| 96.25 | 97 | 765474 | A18-01469 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 97 | 98 | 765475 | A18-01469 | 2.4 | 2.5 | - | - | - | - | - | < DL |
| 98 | 99.5 | 765476 | A18-01469 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 99.5 | 100 | 765477 | A18-01469 | 1.14 | 2.5 | - | - | - | - | - | < DL |
| 100 | 100.62 | 765479 | A18-01469 | 1.81 | 9 | - | - | - | - | - | 0.01 |
| 100.62 | 101.5 | 765480 | A18-01469 | 2.22 | 2.5 | - | - | - | - | - | < DL |
| 101.5 | 103 | 765481 | A18-01469 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 103 | 104.5 | 765482 | A18-01469 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 104.5 | 106 | 765483 | A18-01469 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 106 | 107.5 | 765484 | A18-01469 | 4.31 | 2.5 | - | - | - | - | - | < DL |
| 107.5 | 109 | 765485 | A18-01469 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 109 | 110.5 | 765486 | A18-01469 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 110.5 | 111.5 | 765487 | A18-01469 | 2.33 | 2.5 | - | - | - | - | - | < DL |
| 111.5 | 112.5 | 765488 | A18-01469 | 2.78 | 2.5 | - | - | - | - | - | < DL |
| 112.5 | 114 | 765489 | A18-01469 | 4 | 2.5 | - | - | - | - | - | < DL |
| 114 | 115.5 | 765491 | A18-01469 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 115.5 | 117 | 765492 | A18-01469 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 117 | 118.5 | 765493 | A18-01469 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 118.5 | 120 | 765494 | A18-01469 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121 | 765495 | A18-01469 | 2.71 | 2.5 | - | - | - | - | - | < DL |
| 121 | 122 | 765496 | A18-01469 | 2.71 | 2.5 | - | - | - | - | - | < DL |
| 122 | 123.5 | 765497 | A18-01469 | 3.4 | 2.5 | - | - | - | - | - | < DL |
| 123.5 | 124.45 | 765498 | A18-01469 | 2.09 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 124.45 | 125 | 765499 | A18-01469 | 1.41 | 2.5 | - | - | - | - | - | < DL |
| 125 | 126.5 | 765500 | A18-01469 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 126.5 | 127.5 | 765501 | A18-01469 | 2.41 | 2.5 | - | - | - | - | - | < DL |
| 127.5 | 128.5 | 765502 | A18-01469 | 2.62 | 2.5 | - | - | - | - | - | < DL |
| 128.5 | 130 | 765504 | A18-01469 | 4.14 | 2.5 | - | - | - | - | - | < DL |
| 130 | 131.5 | 765505 | A18-01469 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 131.5 | 133 | 765506 | A18-01469 | 3.93 | 2.5 | - | - | - | - | - | < DL |
| 133 | 134.5 | 765507 | A18-01469 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 134.5 | 136 | 765508 | A18-01469 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 136 | 137.5 | 765509 | A18-01469 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 137.5 | 139 | 765510 | A18-01469 | 3.75 | 2.5 | - | - | - | - | - | < DL |
| 139 | 140 | 765511 | A18-01469 | 2.74 | 2.5 | - | - | - | - | - | < DL |
| 140 | 141 | 765512 | A18-01469 | 2.83 | 2.5 | - | - | - | - | - | < DL |
| 141 | 142 | 765513 | A18-01469 | 3.04 | 2.5 | - | - | - | - | - | < DL |
| 142 | 143.04 | 765514 | A18-01469 | 2.86 | 2.5 | - | - | - | - | - | < DL |
| 143.04 | 144.5 | 765516 | A18-01469 | 4.21 | 2.5 | - | - | - | - | - | < DL |
| 144.5 | 146 | 765517 | A18-01469 | 4.64 | 2.5 | - | - | - | - | - | < DL |
| 146 | 147.36 | 765518 | A18-01469 | 3.99 | 2.5 | - | - | - | - | - | < DL |
| 147.36 | 148 | 765519 | A18-01469 | 2.1 | 2.5 | - | - | - | - | - | < DL |
| 148 | 148.83 | 765520 | A18-01469 | 2.39 | 2.5 | - | - | - | - | - | < DL |
| 148.83 | 150 | 765521 | A18-01469 | 3.57 | 6 | - | - | - | - | - | 0.01 |
| 150 | 151.5 | 765522 | A18-01469 | 4.14 | 7 | - | - | - | - | - | 0.01 |
| 151.5 | 153 | 765523 | A18-01469 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154.5 | 765524 | A18-01469 | 3.55 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 765525 | A18-01469 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157 | 765526 | A18-01469 | 2.45 | 2.5 | - | - | - | - | - | < DL |
| 157 | 158 | 765527 | A18-01469 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 158 | 159 | 765529 | A18-01469 | 2.44 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 765530 | A18-01469 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 160.5 | 162 | 765531 | A18-01469 | 3.97 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 162 | 163.5 | 765532 | A18-01469 | 4.15 | 2.5 | - | - | - | - | - | < DL |
| 163.5 | 164.47 | 765533 | A18-01469 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 164.47 | 165.5 | 765534 | A18-01469 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 165.5 | 167 | 765535 | A18-01469 | 3.94 | 6 | - | - | - | - | - | 0.01 |
| 167 | 168.5 | 765536 | A18-01469 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 168.5 | 170 | 765537 | A18-01469 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 170 | 171 | 765538 | A18-01469 | 2.18 | 2.5 | - | - | - | - | - | < DL |
| 171 | 172 | 765539 | A18-01469 | 2.23 | 2.5 | - | - | - | - | - | < DL |
| 172 | 173.5 | 765541 | A18-01469 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 173.5 | 175 | 765542 | A18-01469 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 175 | 176.5 | 765543 | A18-01469 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 176.5 | 178 | 765544 | A18-01469 | 4.06 | 2.5 | - | - | - | - | - | < DL |
| 178 | 179.5 | 765545 | A18-01469 | 4.14 | 2.5 | - | - | - | - | - | < DL |
| 179.5 | 180.44 | 765546 | A18-01469 | 2.2 | 2.5 | - | - | - | - | - | < DL |
| 180.44 | 181.5 | 765547 | A18-01469 | 2.84 | 2.5 | - | - | - | - | - | < DL |
| 181.5 | 183 | 765548 | A18-01469 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 183 | 184.5 | 765549 | A18-01469 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 184.5 | 185.66 | 765550 | A18-01469 | 3.11 | 2.5 | - | - | - | - | - | < DL |
| 185.66 | 186.55 | 765551 | A18-01469 | 1.89 | 27 | - | - | - | - | - | 0.03 |
| 186.55 | 188 | 765552 | A18-01469 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 188 | 189.5 | 765554 | A18-01469 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 189.5 | 190.5 | 765555 | A18-01469 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 190.5 | 191.5 | 765556 | A18-01469 | 2.35 | 2.5 | - | - | - | - | - | < DL |
| 191.5 | 192.5 | 765557 | A18-01469 | 2.43 | 2.5 | - | - | - | - | - | < DL |
| 192.5 | 194 | 765558 | A18-01469 | 4.13 | 2.5 | - | - | - | - | - | < DL |
| 194 | 195.5 | 765559 | A18-01469 | 3.58 | 2.5 | - | - | - | - | - | < DL |
| 195.5 | 197 | 765560 | A18-01469 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 197 | 198.5 | 765561 | A18-01469 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 198.5 | 200 | 765562 | A18-01469 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 200 | 201.5 | 765563 | A18-01469 | 3.81 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 201.5 | 203 | 765564 | A18-01469 | 4.1 | 2.5 | - | - | - | - | - | < DL |
| 203 | 204.5 | 765566 | A18-01469 | 4.39 | 2.5 | - | - | - | - | - | < DL |
| 204.5 | 206 | 765567 | A18-01469 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 206 | 207.5 | 765568 | A18-01469 | 3.68 | 2.5 | - | - | - | - | - | < DL |
| 207.5 | 209 | 765569 | A18-01469 | 3.88 | 2.5 | - | - | - | - | - | < DL |
| 209 | 210.5 | 765570 | A18-01469 | 3.87 | 2.5 | - | - | - | - | - | < DL |
| 210.5 | 211.5 | 765571 | A18-01469 | 2.98 | 2.5 | - | - | - | - | - | < DL |
| 211.5 | 212.5 | 765572 | A18-01469 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 212.5 | 214 | 765573 | A18-01469 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 214 | 215.5 | 765574 | A18-01469 | 3.53 | 10 | - | - | - | - | - | 0.01 |
| 215.5 | 217 | 765575 | A18-01469 | 3.89 | 2.5 | - | - | - | - | - | < DL |
| 217 | 218.5 | 765576 | A18-01469 | 4.09 | 2.5 | - | - | - | - | - | < DL |
| 218.5 | 220 | 765577 | A18-01469 | 3.9 | 2.5 | - | - | - | - | - | < DL |
| 220 | 221.5 | 765579 | A18-01469 | 4.02 | 2.5 | - | - | - | - | - | < DL |
| 221.5 | 223 | 765580 | A18-01469 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 223 | 224.5 | 765581 | A18-01469 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 224.5 | 226 | 765582 | A18-01469 | 3.98 | 2.5 | - | - | - | - | - | < DL |
| 226 | 227 | 765583 | A18-01469 | 2.72 | 2.5 | - | - | - | - | - | < DL |
| 227 | 228 | 765584 | A18-01469 | 2.5 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229.5 | 765585 | A18-01469 | 2.89 | 2.5 | - | - | - | - | - | < DL |
| 229.5 | 231 | 765586 | A18-01469 | 3.67 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 3 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
| 765401 | 2 | 3 | 0.01 |

| | | | |
|---|-------|-----|--------------------------------------------------------------------------------|
| 3 | 28.64 | QDR | Quartz diorite rare diorite fragments but less than 5% to classify as QDRBX |
|---|-------|-----|--------------------------------------------------------------------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 3 | 15 | AB | PV | 1 | | | | | | 765402 | 3 | 4.5 | <0.005 |
| 3 | 15 | BO | SEL | 3 | | | | | | 765404 | 4.5 | 6 | <0.005 |
| 3 | 15 | CB | SEL | 2 | | | | | | 765405 | 6 | 7.5 | <0.005 |
| 3 | 15 | CL | SEL | 3 | | | | | | 765406 | 7.5 | 9 | <0.005 |
| 3 | 15 | EP | SEL | 2 | | | | | | 765407 | 9 | 10.5 | <0.005 |
| 3 | 15 | HM | SEL | 1 | | | | | | 765408 | 10.5 | 12 | <0.005 |
| 3 | 15 | SI | PV | 1 | | | | | | 765409 | 12 | 13.5 | <0.005 |
| 15 | 28.64 | AB | PV | 1 | | | | | | 765410 | 13.5 | 15 | <0.005 |
| 15 | 28.64 | CB | SEL | 1 | | | | | | 765411 | 15 | 16.5 | <0.005 |
| 15 | 28.64 | CL | SEL | 3 | | | | | | 765412 | 16.5 | 18 | <0.005 |
| 15 | 28.64 | EP | SEL | 1 | | | | | | 765413 | 18 | 19.5 | <0.005 |
| 15 | 28.64 | HM | SEL | 1 | | | | | | 765414 | 19.5 | 21 | <0.005 |
| 15 | 28.64 | SI | PV | 1 | | | | | | 765416 | 21 | 22.5 | <0.005 |
| | | | | | | | | | | 765417 | 22.5 | 24 | <0.005 |
| | | | | | | | | | | 765418 | 24 | 25.5 | <0.005 |
| | | | | | | | | | | 765419 | 25.5 | 27 | <0.005 |
| | | | | | | | | | | 765420 | 27 | 28.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

28.64 36.62 Ton Tonalite
rare diorite fragments

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 28.64 | 33.3 | BO | SEL | 2 | 33.3 | 36.62 | PY | MTX | 0.05 | 765421 | 28.5 | 30 | 0.01 |
| 28.64 | 33.3 | CB | SEL | 4 | | | | | | 765422 | 30 | 31.5 | 0.01 |
| 28.64 | 33.3 | CL | SEL | 2 | | | | | | 765423 | 31.5 | 33 | <0.005 |
| 28.64 | 33.3 | HM | SEL | 2 | | | | | | 765424 | 33 | 34.5 | <0.005 |
| 33.3 | 36.62 | BO | SEL | 3 | | | | | | 765425 | 34.5 | 36 | <0.005 |
| 33.3 | 36.62 | CB | SEL | 4 | | | | | | 765426 | 36 | 36.32 | <0.005 |
| 33.3 | 36.62 | CL | SEL | 3 | | | | | | | | | |

36.62 38.6 LamDk Lamprophyre Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|-------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 36.62 | 38.6 | CB | SEL | 5 | | | | | | 765427 | 36.32 | 37.5 | <0.005 |
| | | | | | | | | | | 765429 | 37.5 | 38.6 | <0.005 |

38.6 68.7 Ton Tonalite
strong HM SPV(4) alt. along fractures; rare diorite fragments; PY mineralization within matrix (trace)

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 38.6 | 61.15 | BO | SEL | 2 | | | | | | 765430 | 38.6 | 39.5 | <0.005 |
| 38.6 | 61.15 | CB | SEL | 4 | | | | | | 765431 | 39.5 | 41 | <0.005 |
| 38.6 | 61.15 | CL | SEL | 2 | | | | | | 765432 | 41 | 42.5 | <0.005 |
| 61.15 | 68.7 | AB | PV | 1 | | | | | | 765433 | 42.5 | 44 | <0.005 |
| 61.15 | 68.7 | BO | SEL | 2 | | | | | | 765434 | 44 | 45.5 | <0.005 |
| 61.15 | 68.7 | CB | SEL | 3 | | | | | | 765435 | 45.5 | 47 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|------|------|--------|
| | 61.15 | 68.7 | CL | SEL | 2 | 765436 | 47 | 48.5 | <0.005 |
| | 61.15 | 68.7 | HM | SEL | 2 | 765437 | 48.5 | 50 | <0.005 |
| | 61.15 | 68.7 | SI | PV | 1 | 765438 | 50 | 51.5 | <0.005 |
| | | | | | | 765439 | 51.5 | 53 | <0.005 |
| | | | | | | 765441 | 53 | 54.5 | 0.01 |
| | | | | | | 765442 | 54.5 | 56 | 0.01 |
| | | | | | | 765443 | 56 | 57.5 | 0.01 |
| | | | | | | 765444 | 57.5 | 59 | <0.005 |
| | | | | | | 765445 | 59 | 60.5 | <0.005 |
| | | | | | | 765446 | 60.5 | 62 | <0.005 |
| | | | | | | 765447 | 62 | 63.5 | <0.005 |
| | | | | | | 765448 | 63.5 | 65 | <0.005 |
| | | | | | | 765449 | 65 | 66.5 | <0.005 |
| | | | | | | 765450 | 66.5 | 68 | <0.005 |
| | | | | | | 765451 | 68 | 68.7 | <0.005 |

68.7 75.52 QDR Quartz diorite
EP PV(4) alt in blotchy manner

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 68.7 | 75.52 | AB | PV | 1 | | | | | | 765452 | 68.7 | 69.5 | <0.005 |
| 68.7 | 75.52 | BO | SEL | 3 | | | | | | 765454 | 69.5 | 70.5 | <0.005 |
| 68.7 | 75.52 | CB | SEL | 3 | | | | | | 765455 | 70.5 | 72 | <0.005 |
| 68.7 | 75.52 | CL | SEL | 3 | | | | | | 765456 | 72 | 73.5 | <0.005 |
| 68.7 | 75.52 | EP | SEL | 1 | | | | | | 765457 | 73.5 | 75 | <0.005 |
| 68.7 | 75.52 | SI | PV | 1 | | | | | | | | | |

75.52 82.8 MafDk Mafic Dyke
sheared and broken MafDk; enclaved QDR fragments

Best Au

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | |
|----------------------|--------|-----------------------------------------------------------------------|--------------------------|--------|--------|---------------|------|---------|-------|--------|------|-------|--------|
| | | Sample | From | To | (ppm) | | | | | | | | |
| | | 765458 | 75 | 76.5 | 0.01 | | | | | | | | |
| | | 765459 | 76.5 | 78 | 0.07 | | | | | | | | |
| | | 765460 | 78 | 79.5 | <0.005 | | | | | | | | |
| | | 765461 | 79.5 | 81 | <0.005 | | | | | | | | |
| | | 765462 | 81 | 82.5 | <0.005 | | | | | | | | |
| 82.8 | 86.1 | QDR Quartz diorite EP PV(4) alt in blotchy manner | | | | | | | | | | | |
| Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | (ppm) |
| 82.8 | 86.1 | AB | PV | 1 | | | | | | 765463 | 82.5 | 84 | <0.005 |
| 82.8 | 86.1 | BO | SEL | 3 | | | | | | 765464 | 84 | 85.5 | 0.03 |
| 82.8 | 86.1 | CB | SEL | 3 | | | | | | | | | |
| 82.8 | 86.1 | CL | SEL | 3 | | | | | | | | | |
| 82.8 | 86.1 | EP | SEL | 1 | | | | | | | | | |
| 82.8 | 86.1 | SI | PV | 1 | | | | | | | | | |
| 86.1 | 100.62 | QDRBx Qtz Diorite Breccia few calcite stringers and tonalite frags | | | | | | | | | | | |
| Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | Best Au | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | (ppm) |
| 86.1 | 91.98 | AB | PV | 1 | | | | | | 765466 | 85.5 | 87 | 0.01 |
| 86.1 | 91.98 | BO | SEL | 3 | | | | | | 765467 | 87 | 88 | <0.005 |
| 86.1 | 91.98 | CB | SEL | 3 | | | | | | 765468 | 88 | 89.5 | <0.005 |
| 86.1 | 91.98 | CL | SEL | 3 | | | | | | 765469 | 89.5 | 91 | <0.005 |
| 86.1 | 91.98 | EP | SEL | 1 | | | | | | 765470 | 91 | 92.5 | 0.01 |
| 86.1 | 91.98 | SI | PV | 1 | | | | | | 765471 | 92.5 | 94 | <0.005 |
| 91.98 | 100.62 | BO | SEL | 4 | | | | | | 765472 | 94 | 95 | <0.005 |
| 91.98 | 100.62 | CB | SEL | 3 | | | | | | 765473 | 95 | 96.25 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|----|-----|---|--------|-------|--------|--------|
| | 91.98 | 100.62 | CL | SEL | 4 | 765474 | 96.25 | 97 | <0.005 |
| | | | | | | 765475 | 97 | 98 | <0.005 |
| | | | | | | 765476 | 98 | 99.5 | <0.005 |
| | | | | | | 765477 | 99.5 | 100 | <0.005 |
| | | | | | | 765479 | 100 | 100.62 | 0.01 |

100.62 143.04 QDR Quartz diorite
EP alt in sporadic patches

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 100.62 | 143.04 | AB | SPV | 1 | | | | | | 765480 | 100.62 | 101.5 | <0.005 |
| 100.62 | 143.04 | BO | SEL | 3 | | | | | | 765481 | 101.5 | 103 | <0.005 |
| 100.62 | 143.04 | CB | SEL | 4 | | | | | | 765482 | 103 | 104.5 | <0.005 |
| 100.62 | 143.04 | CL | SEL | 3 | | | | | | 765483 | 104.5 | 106 | <0.005 |
| 100.62 | 143.04 | SI | SPV | 1 | | | | | | 765484 | 106 | 107.5 | <0.005 |
| | | | | | | | | | | 765485 | 107.5 | 109 | <0.005 |
| | | | | | | | | | | 765486 | 109 | 110.5 | <0.005 |
| | | | | | | | | | | 765487 | 110.5 | 111.5 | <0.005 |
| | | | | | | | | | | 765488 | 111.5 | 112.5 | <0.005 |
| | | | | | | | | | | 765489 | 112.5 | 114 | <0.005 |
| | | | | | | | | | | 765491 | 114 | 115.5 | <0.005 |
| | | | | | | | | | | 765492 | 115.5 | 117 | <0.005 |
| | | | | | | | | | | 765493 | 117 | 118.5 | <0.005 |
| | | | | | | | | | | 765494 | 118.5 | 120 | <0.005 |
| | | | | | | | | | | 765495 | 120 | 121 | <0.005 |
| | | | | | | | | | | 765496 | 121 | 122 | <0.005 |
| | | | | | | | | | | 765497 | 122 | 123.5 | <0.005 |
| | | | | | | | | | | 765498 | 123.5 | 124.45 | <0.005 |
| | | | | | | | | | | 765499 | 124.45 | 125 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|--------|-------|---------------|
| | | | 765500 | 125 | 126.5 <0.005 |
| | | | 765501 | 126.5 | 127.5 <0.005 |
| | | | 765502 | 127.5 | 128.5 <0.005 |
| | | | 765504 | 128.5 | 130 <0.005 |
| | | | 765505 | 130 | 131.5 <0.005 |
| | | | 765506 | 131.5 | 133 <0.005 |
| | | | 765507 | 133 | 134.5 <0.005 |
| | | | 765508 | 134.5 | 136 <0.005 |
| | | | 765509 | 136 | 137.5 <0.005 |
| | | | 765510 | 137.5 | 139 <0.005 |
| | | | 765511 | 139 | 140 <0.005 |
| | | | 765512 | 140 | 141 <0.005 |
| | | | 765513 | 141 | 142 <0.005 |
| | | | 765514 | 142 | 143.04 <0.005 |

143.04 147.37 LamDk Lamprophyre Dyke

| Sample | From | To | Best Au (ppm) |
|--------|--------|--------|---------------|
| 765516 | 143.04 | 144.5 | <0.005 |
| 765517 | 144.5 | 146 | <0.005 |
| 765518 | 146 | 147.36 | <0.005 |

147.37 148.83 QDR Quartz diorite

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 147.37 | 148.83 | BO | SEL | 4 | | | | | | 765519 | 147.36 | 148 | <0.005 |
| 147.37 | 148.83 | CB | SEL | 3 | | | | | | 765520 | 148 | 148.83 | <0.005 |
| 147.37 | 148.83 | CL | SEL | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|----------|--------|-----------|----|-----|---|
| | 147.37 | 148.83 | HM | SEL | 1 |

148.83 156.43 MafDk Mafic Dyke
calcite stringers present

| Sample | From | To | Best Au (ppm) |
|--------|--------|-------|---------------|
| 765521 | 148.83 | 150 | 0.01 |
| 765522 | 150 | 151.5 | 0.01 |
| 765523 | 151.5 | 153 | <0.005 |
| 765524 | 153 | 154.5 | <0.005 |
| 765525 | 154.5 | 156 | <0.005 |

156.43 215.63 QDR Quartz diorite
magnetic; 0.05% (trace) py and po mineralization; small interval of QDRBx with Ton frags

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|--------|------|-------|--------|--------------------------|--------|------|-------|-------|---------------|--------|--------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 156.43 | 164.47 | AB | PV | 1 | 156.43 | 215.63 | PO | MTX | 0.05 | 765526 | 156 | 157 | <0.005 |
| 156.43 | 164.47 | BO | SEL | 3 | 156.43 | 215.63 | PY | MTX | 0.05 | 765527 | 157 | 158 | <0.005 |
| 156.43 | 164.47 | CB | SEL | 2 | | | | | | 765529 | 158 | 159 | <0.005 |
| 156.43 | 164.47 | CL | SEL | 3 | | | | | | 765530 | 159 | 160.5 | <0.005 |
| 156.43 | 164.47 | EP | SEL | 1 | | | | | | 765531 | 160.5 | 162 | <0.005 |
| 156.43 | 164.47 | HM | SEL | 1 | | | | | | 765532 | 162 | 163.5 | <0.005 |
| 156.43 | 164.47 | SI | PV | 1 | | | | | | 765533 | 163.5 | 164.47 | <0.005 |
| 164.47 | 185.66 | AB | SPV | 1 | | | | | | 765534 | 164.47 | 165.5 | <0.005 |
| 164.47 | 185.66 | BO | SEL | 3 | | | | | | 765535 | 165.5 | 167 | 0.01 |
| 164.47 | 185.66 | CB | SEL | 4 | | | | | | 765536 | 167 | 168.5 | <0.005 |
| 164.47 | 185.66 | CL | SEL | 3 | | | | | | 765537 | 168.5 | 170 | <0.005 |
| 164.47 | 185.66 | EP | SEL | 2 | | | | | | 765538 | 170 | 171 | <0.005 |
| 164.47 | 185.66 | SI | SPV | 1 | | | | | | 765539 | 171 | 172 | <0.005 |
| 185.66 | 197.69 | AB | SPV | 1 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|--------|--------|--------|--|
| 185.66 | 197.69 | BO | PV | 4 | 765541 | 172 | 173.5 | <0.005 | |
| 185.66 | 197.69 | CB | SEL | 2 | 765542 | 173.5 | 175 | <0.005 | |
| 185.66 | 197.69 | CL | PV | 4 | 765543 | 175 | 176.5 | <0.005 | |
| 185.66 | 197.69 | HM | SEL | 1 | 765544 | 176.5 | 178 | <0.005 | |
| 185.66 | 197.69 | SI | SPV | 1 | 765545 | 178 | 179.5 | <0.005 | |
| | | | | | 765546 | 179.5 | 180.44 | <0.005 | |
| | | | | | 765547 | 180.44 | 181.5 | <0.005 | |
| | | | | | 765548 | 181.5 | 183 | <0.005 | |
| | | | | | 765549 | 183 | 184.5 | <0.005 | |
| | | | | | 765550 | 184.5 | 185.66 | <0.005 | |
| | | | | | 765551 | 185.66 | 186.55 | 0.03 | |
| | | | | | 765552 | 186.55 | 188 | <0.005 | |
| | | | | | 765554 | 188 | 189.5 | <0.005 | |
| | | | | | 765555 | 189.5 | 190.5 | <0.005 | |
| | | | | | 765556 | 190.5 | 191.5 | <0.005 | |
| | | | | | 765557 | 191.5 | 192.5 | <0.005 | |
| | | | | | 765558 | 192.5 | 194 | <0.005 | |
| | | | | | 765559 | 194 | 195.5 | <0.005 | |
| | | | | | 765560 | 195.5 | 197 | <0.005 | |
| | | | | | 765561 | 197 | 198.5 | <0.005 | |
| | | | | | 765562 | 198.5 | 200 | <0.005 | |
| | | | | | 765563 | 200 | 201.5 | <0.005 | |
| | | | | | 765564 | 201.5 | 203 | <0.005 | |
| | | | | | 765566 | 203 | 204.5 | <0.005 | |
| | | | | | 765567 | 204.5 | 206 | <0.005 | |
| | | | | | 765568 | 206 | 207.5 | <0.005 | |
| | | | | | 765569 | 207.5 | 209 | <0.005 | |
| | | | | | 765570 | 209 | 210.5 | <0.005 | |
| | | | | | 765571 | 210.5 | 211.5 | <0.005 | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------|--------------------------|--------|------|-------|-------|--------------------------|-------|-------|---------------|--|---------------|--|--|---------------|------|----|------|-------|--------|------|----|------|-------|-------|--------|------|----|--------|--------|----|-----|---|--------|--------|----|-----|---|--------|-----|-------|--------|--------|--------|----|-----|---|--|--|--|--|--|--------|-------|-----|--------|--------|--------|----|-----|---|--|--|--|--|--|--------|-----|-------|--------|--------|--------|----|----|---|--|--|--|--|--|--|--|--|--|
| | | 765572 | 211.5 212.5 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 765573 | 212.5 214 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 765574 | 214 215.5 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 215.63 | 217.26 | MafDk | Mafic Dyke | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Sample | From To Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 765575 | 215.5 217 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217.26 | 221.84 | Ton | Tonalite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | contains few Q-Cb veins but has no visible mineralization;HM alt along vein margins and fractures; 1% py mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th rowspan="2">Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>217.26</td> <td>221.84</td> <td>BO</td> <td>SEL</td> <td>5</td> <td>217.26</td> <td>221.84</td> <td>PY</td> <td>MTX</td> <td>1</td> <td>765576</td> <td>217</td> <td>218.5</td> <td><0.005</td> </tr> <tr> <td>217.26</td> <td>221.84</td> <td>CB</td> <td>SEL</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765577</td> <td>218.5</td> <td>220</td> <td><0.005</td> </tr> <tr> <td>217.26</td> <td>221.84</td> <td>CL</td> <td>SEL</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>765579</td> <td>220</td> <td>221.5</td> <td><0.005</td> </tr> <tr> <td>217.26</td> <td>221.84</td> <td>SR</td> <td>PV</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | 217.26 | 221.84 | BO | SEL | 5 | 217.26 | 221.84 | PY | MTX | 1 | 765576 | 217 | 218.5 | <0.005 | 217.26 | 221.84 | CB | SEL | 2 | | | | | | 765577 | 218.5 | 220 | <0.005 | 217.26 | 221.84 | CL | SEL | 5 | | | | | | 765579 | 220 | 221.5 | <0.005 | 217.26 | 221.84 | SR | PV | 2 | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217.26 | 221.84 | BO | SEL | 5 | 217.26 | 221.84 | PY | MTX | 1 | 765576 | 217 | 218.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217.26 | 221.84 | CB | SEL | 2 | | | | | | 765577 | 218.5 | 220 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217.26 | 221.84 | CL | SEL | 5 | | | | | | 765579 | 220 | 221.5 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217.26 | 221.84 | SR | PV | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 221.84 | 225.46 | QDR | Quartz diorite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Sample | From To Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 765580 | 221.5 223 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 765581 | 223 224.5 <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 225.46 | 231 | QFP | Qtz Feldspar porph | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | Assay Results | | | Best Au (ppm) |
|----------|--------|----------------------|-------|--------|--------------------------|----|------|-------|-------|--------|---------------|-------|--------|---------------|
| | | Alteration Intervals | | | Mineralization Intervals | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| 225.46 | 231 | CB | SEL | 4 | | | | | | 765582 | 224.5 | 226 | <0.005 | |
| | | | | | | | | | | 765583 | 226 | 227 | <0.005 | |
| | | | | | | | | | | 765584 | 227 | 228 | <0.005 | |
| | | | | | | | | | | 765585 | 228 | 229.5 | <0.005 | |
| | | | | | | | | | | 765586 | 229.5 | 231 | <0.005 | |

Collar Report

| Drilling | | Casing | | Core | |
|--------------|-------------|----------------|-----|----------------|----------------|
| Azimuth : | 360 | Length : | 3 | Dimension : | NQ |
| Dip : | -50 | Pulled : | no | Diam. Change : | no |
| Length : | 231 | Capped : | Yes | Storage : | Klondike Lodge |
| Start Date : | 12-Dec-2017 | Cement : | no | DH Type : | DDH |
| End Date : | 13-Dec-2017 | Left in hole : | no | Logged by : | R Zellagui |
| Logged : | 14-Dec-2017 | Making water : | no | Relogged by : | |
| Township : | CHESTER | Plugged : | No | | |
| Claim No. | | | | | |

Coordinates - FINAL

| | | | |
|------------|-----------|--------|---------|
| East : | 427838.15 | Hole : | SURFACE |
| North : | 5266707.6 | Zone : | 17 |
| Elevation: | 398.22 | NAD : | NAD83 |

Target : TMF

Comments :

Survey Report

| Depth | Azimuth | Dip | SurveyType | Depth | Azimuth | Dip | SurveyType |
|-------|---------|-------|------------|-------|---------|-------|------------|
| 0 | 360 | -50 | TN14 | 93 | 0 | -49.1 | Reflex |
| 1 | 359.8 | -49.4 | Reflex | 96 | 0.1 | -49.1 | Reflex |
| 3 | 0.3 | -49.3 | Reflex | 99 | 0.2 | -49.1 | Reflex |
| 6 | 0.2 | -49.3 | Reflex | 102 | 0.1 | -49.1 | Reflex |
| 9 | 0.1 | -49.4 | Reflex | 105 | 0.3 | -49 | Reflex |
| 12 | 359.3 | -49.4 | Reflex | 108 | 0.2 | -49 | Reflex |
| 18 | 359.3 | -49.3 | Reflex | 111 | 0.3 | -49 | Reflex |
| 21 | 359.7 | -49.4 | Reflex | 114 | 359.6 | -49 | Reflex |
| 24 | 359.2 | -49.4 | Reflex | 117 | 0.1 | -49 | Reflex |
| 27 | 358.9 | -49.4 | Reflex | 120 | 0.4 | -48.9 | Reflex |
| 30 | 359.6 | -49.4 | Reflex | 123 | 0.5 | -48.9 | Reflex |
| 33 | 359.1 | -49.2 | Reflex | 126 | 0.5 | -48.9 | Reflex |
| 36 | 359.9 | -49.4 | Reflex | 141 | 0.3 | -48.8 | Reflex |
| 42 | 0.1 | -49.4 | Reflex | 150 | 0.6 | -48.9 | Reflex |
| 45 | 359.8 | -49.3 | Reflex | 153 | 0.8 | -48.8 | Reflex |
| 48 | 359.7 | -49.3 | Reflex | 156 | 0.7 | -48.7 | Reflex |
| 51 | 359.1 | -49.2 | Reflex | 159 | 0.7 | -48.7 | Reflex |
| 54 | 0.3 | -49 | Reflex | 162 | 0.7 | -48.7 | Reflex |
| 57 | 359.6 | -49.3 | Reflex | 165 | 0.8 | -48.7 | Reflex |
| 60 | 359.7 | -49.3 | Reflex | 168 | 0.7 | -48.6 | Reflex |
| 63 | 359.6 | -49.3 | Reflex | 171 | 1.4 | -48.7 | Reflex |
| 66 | 359.7 | -49.3 | Reflex | 174 | 0.6 | -48.7 | Reflex |
| 69 | 0 | -49.3 | Reflex | 177 | 1.3 | -48.7 | Reflex |
| 75 | 0.2 | -49.3 | Reflex | 180 | 1 | -48.6 | Reflex |
| 78 | 360 | -49.3 | Reflex | 183 | 1.4 | -48.6 | Reflex |
| 81 | 0 | -49.2 | Reflex | 186 | 1.2 | -48.6 | Reflex |
| 84 | 360 | -49.4 | Reflex | 189 | 1.2 | -48.7 | Reflex |
| 87 | 0.5 | -49.2 | Reflex | 192 | 1.5 | -48.6 | Reflex |
| 90 | 0.5 | -49.2 | Reflex | 195 | 1.4 | -48.7 | Reflex |

| Depth | Azimuth | Dip | SurveyType |
|--------------|----------------|------------|-------------------|
| 198 | 1 | -48.6 | Reflex |
| 201 | 0.9 | -48.6 | Reflex |
| 204 | 1.4 | -48.6 | Reflex |
| 207 | 1.6 | -48.6 | Reflex |
| 210 | 1.3 | -48.6 | Reflex |
| 213 | 1.7 | -49 | Reflex |
| 216 | 1.6 | -48.5 | Reflex |
| 219 | 1.6 | -48.5 | Reflex |
| 222 | 1.6 | -48.5 | Reflex |
| 225 | 1.4 | -48.5 | Reflex |
| 228 | 1.7 | -48.5 | Reflex |
| 231 | 1.8 | -48.5 | Reflex |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|-------------|-------------------|-------|---------|-------|---------------|
| | | | | | | Au (ppm) | MeshA | MeshB | 100Mesh | | |
| 3 | 4.5 | 765001 | A18-00373 | 2.52 | 7 | - | - | - | - | - | 0.01 |
| 4.5 | 6 | 765002 | A18-00373 | 3.62 | 16 | - | - | - | - | - | 0.02 |
| 6 | 7.5 | 765004 | A18-00373 | 3.3 | 2.5 | - | - | - | - | - | < DL |
| 7.5 | 9 | 765005 | A18-00373 | 3.73 | 7 | - | - | - | - | - | 0.01 |
| 9 | 10.5 | 765006 | A18-00373 | 4.25 | 2.5 | - | - | - | - | - | < DL |
| 10.5 | 12 | 765007 | A18-00373 | 3.95 | 2.5 | - | - | - | - | - | < DL |
| 12 | 13.5 | 765008 | A18-00373 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 13.5 | 15 | 765009 | A18-00373 | 3.9 | 6 | - | - | - | - | - | 0.01 |
| 15 | 16.5 | 765010 | A18-00373 | 3.96 | 169 | - | - | - | - | - | 0.17 |
| 16.5 | 18 | 765011 | A18-00373 | 3.77 | 2.5 | - | - | - | - | - | < DL |
| 18 | 19.5 | 765012 | A18-00373 | 4.16 | 2.5 | - | - | - | - | - | < DL |
| 19.5 | 21 | 765013 | A18-00373 | 3.21 | 2.5 | - | - | - | - | - | < DL |
| 21 | 22.5 | 765014 | A18-00373 | 3.92 | 11 | - | - | - | - | - | 0.01 |
| 22.5 | 24 | 765016 | A18-00373 | 3.67 | 7 | - | - | - | - | - | 0.01 |
| 24 | 25.5 | 765017 | A18-00373 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 25.5 | 27 | 765018 | A18-00373 | 3.62 | 2.5 | - | - | - | - | - | < DL |
| 27 | 28.5 | 765019 | A18-00373 | 2.79 | 2.5 | - | - | - | - | - | < DL |
| 28.5 | 30 | 765020 | A18-00373 | 3.18 | 41 | - | - | - | - | - | 0.04 |
| 30 | 31.5 | 765021 | A18-00373 | 3.2 | 1130 | - | - | - | - | - | 1.13 |
| 31.5 | 33 | 765022 | A18-00373 | 3.44 | 45 | - | - | - | - | - | 0.05 |
| 33 | 34.5 | 765023 | A18-00373 | 3.95 | 8 | - | - | - | - | - | 0.01 |
| 34.5 | 36 | 765024 | A18-00373 | 3.96 | 2.5 | - | - | - | - | - | < DL |
| 36 | 37.5 | 765025 | A18-00373 | 3.03 | 34 | - | - | - | - | - | 0.03 |
| 37.5 | 39 | 765026 | A18-00373 | 3.19 | 2.5 | - | - | - | - | - | < DL |
| 39 | 40.5 | 765027 | A18-00373 | 3.72 | 9 | - | - | - | - | - | 0.01 |
| 40.5 | 42 | 765029 | A18-00373 | 3.64 | 2.5 | - | - | - | - | - | < DL |
| 42 | 43.5 | 765030 | A18-00373 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 43.5 | 45 | 765031 | A18-00373 | 4.14 | 7 | - | - | - | - | - | 0.01 |
| 45 | 46.5 | 765032 | A18-00373 | 3.92 | 23 | - | - | - | - | - | 0.02 |
| 46.5 | 48 | 765033 | A18-00373 | 4.07 | 6 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 48 | 49.5 | 765034 | A18-00373 | 4.27 | 10 | - | - | - | - | - | 0.01 |
| 49.5 | 51 | 765035 | A18-00373 | 4.03 | 2.5 | - | - | - | - | - | < DL |
| 51 | 52.5 | 765036 | A18-00373 | 3.6 | 2.5 | - | - | - | - | - | < DL |
| 52.5 | 54 | 765037 | A18-00373 | 3.94 | 2.5 | - | - | - | - | - | < DL |
| 54 | 55.5 | 765038 | A18-00373 | 3.78 | 2.5 | - | - | - | - | - | < DL |
| 55.5 | 57 | 765039 | A18-00373 | 4.48 | 2.5 | - | - | - | - | - | < DL |
| 57 | 58 | 765041 | A18-00373 | 2.68 | 2.5 | - | - | - | - | - | < DL |
| 58 | 59 | 765042 | A18-00373 | 2.67 | 10 | - | - | - | - | - | 0.01 |
| 59 | 59.5 | 765043 | A18-00373 | 1.44 | 23 | - | - | - | - | - | 0.02 |
| 59.5 | 60 | 765044 | A18-00373 | 1.06 | 160 | - | - | - | - | - | 0.16 |
| 60 | 61 | 765046 | A18-00373 | 2.37 | 41 | - | - | - | - | - | 0.04 |
| 61 | 62 | 765047 | A18-00373 | 2.65 | 2.5 | - | - | - | - | - | < DL |
| 62 | 63 | 765048 | A18-00373 | 2.56 | 2.5 | - | - | - | - | - | < DL |
| 63 | 64.5 | 765049 | A18-00373 | 3.84 | 7 | - | - | - | - | - | 0.01 |
| 64.5 | 66 | 765050 | A18-00373 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 66 | 67.5 | 765051 | A18-00373 | 3.9 | 6 | - | - | - | - | - | 0.01 |
| 67.5 | 69 | 765052 | A18-00373 | 3.92 | 5 | - | - | - | - | - | 0.01 |
| 69 | 70.5 | 765054 | A18-00373 | 3.18 | 6 | - | - | - | - | - | 0.01 |
| 70.5 | 72 | 765055 | A18-00373 | 3.74 | 121 | - | - | - | - | - | 0.12 |
| 72 | 72.9 | 765056 | A18-00373 | 2.45 | 14 | - | - | - | - | - | 0.01 |
| 72.9 | 73.5 | 765057 | A18-00373 | 1.68 | 2.5 | - | - | - | - | - | < DL |
| 73.5 | 75 | 765058 | A18-00373 | 3.9 | 45 | - | - | - | - | - | 0.05 |
| 75 | 76.5 | 765059 | A18-00373 | 4.1 | 29 | - | - | - | - | - | 0.03 |
| 76.5 | 78 | 765060 | A18-00373 | 3.66 | 83 | - | - | - | - | - | 0.08 |
| 78 | 79.5 | 765061 | A18-00373 | 3.97 | 11 | - | - | - | - | - | 0.01 |
| 79.5 | 81 | 765062 | A18-00373 | 3.87 | 94 | - | - | - | - | - | 0.09 |
| 81 | 81.5 | 765063 | A18-00373 | 1.2 | 27 | - | - | - | - | - | 0.03 |
| 81.5 | 82.1 | 765064 | A18-00373 | 1.25 | 5000 | - | 1.1 | 1.29 | 197 | 13.4 | 13.4 |
| 82.1 | 83 | 765066 | A18-00373 | 2.54 | 363 | - | - | - | - | - | 0.36 |
| 83 | 84 | 765067 | A18-00373 | 2.6 | 41 | - | - | - | - | - | 0.04 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 84 | 85.5 | 765068 | A18-00373 | 4.26 | 28 | - | - | - | - | - | 0.03 |
| 85.5 | 87 | 765069 | A18-00373 | 3.57 | 21 | - | - | - | - | - | 0.02 |
| 87 | 88.5 | 765070 | A18-00373 | 3.32 | 9 | - | - | - | - | - | 0.01 |
| 88.5 | 90 | 765071 | A18-00373 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 90 | 91.5 | 765072 | A18-00373 | 3.97 | 5 | - | - | - | - | - | 0.01 |
| 91.5 | 93 | 765073 | A18-00373 | 4.14 | 11 | - | - | - | - | - | 0.01 |
| 93 | 94.5 | 765074 | A18-00373 | 3.44 | 33 | - | - | - | - | - | 0.03 |
| 94.5 | 96 | 765075 | A18-00373 | 3.08 | 15 | - | - | - | - | - | 0.02 |
| 96 | 97.5 | 765076 | A18-00373 | 3.56 | 9 | - | - | - | - | - | 0.01 |
| 97.5 | 99 | 765077 | A18-00373 | 3.65 | 7 | - | - | - | - | - | 0.01 |
| 99 | 100.5 | 765079 | A18-00373 | 3.91 | 2.5 | - | - | - | - | - | < DL |
| 100.5 | 102 | 765080 | A18-00373 | 3.42 | 2.5 | - | - | - | - | - | < DL |
| 102 | 103.5 | 765081 | A18-00373 | 3.34 | 2.5 | - | - | - | - | - | < DL |
| 103.5 | 105 | 765082 | A18-00373 | 3.2 | 13 | - | - | - | - | - | 0.01 |
| 105 | 106.5 | 765083 | A18-00373 | 3.96 | 2.5 | - | - | - | - | - | < DL |
| 106.5 | 108 | 765084 | A18-00373 | 3.65 | 2.5 | - | - | - | - | - | < DL |
| 108 | 109.5 | 765085 | A18-00373 | 3.51 | 22 | - | - | - | - | - | 0.02 |
| 109.5 | 111 | 765086 | A18-00373 | 3.9 | 30 | - | - | - | - | - | 0.03 |
| 111 | 112.5 | 765087 | A18-00373 | 3.77 | 30 | - | - | - | - | - | 0.03 |
| 112.5 | 114 | 765088 | A18-00373 | 4.11 | 23 | - | - | - | - | - | 0.02 |
| 114 | 115.5 | 765089 | A18-00373 | 3.25 | 16 | - | - | - | - | - | 0.02 |
| 115.5 | 117 | 765091 | A18-00373 | 3.94 | 12 | - | - | - | - | - | 0.01 |
| 117 | 118.5 | 765092 | A18-00373 | 3.67 | 11 | - | - | - | - | - | 0.01 |
| 118.5 | 120 | 765093 | A18-00373 | 3.85 | 2.5 | - | - | - | - | - | < DL |
| 120 | 121.5 | 765094 | A18-00373 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 121.5 | 123 | 765095 | A18-00373 | 3.73 | 2.5 | - | - | - | - | - | < DL |
| 123 | 124.5 | 765096 | A18-00373 | 3.74 | 2.5 | - | - | - | - | - | < DL |
| 124.5 | 126 | 765097 | A18-00373 | 3.36 | 2.5 | - | - | - | - | - | < DL |
| 126 | 127.5 | 765098 | A18-00373 | 3.46 | 10 | - | - | - | - | - | 0.01 |
| 127.5 | 129 | 765099 | A18-00373 | 3.3 | 2.5 | - | - | - | - | - | < DL |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 129 | 130.5 | 765100 | A18-00373 | 4.18 | 2.5 | - | - | - | - | - | < DL |
| 130.5 | 132 | 765101 | A18-00373 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 132 | 133.5 | 765102 | A18-00373 | 3.79 | 2.5 | - | - | - | - | - | < DL |
| 133.5 | 135 | 765104 | A18-00373 | 4.04 | 7 | - | - | - | - | - | 0.01 |
| 135 | 136.5 | 765105 | A18-00373 | 3.81 | 8 | - | - | - | - | - | 0.01 |
| 136.5 | 138 | 765106 | A18-00373 | 4.09 | 8 | - | - | - | - | - | 0.01 |
| 138 | 139.5 | 765107 | A18-00373 | 3.98 | 133 | - | - | - | - | - | 0.13 |
| 139.5 | 141 | 765108 | A18-00373 | 3.86 | 9 | - | - | - | - | - | 0.01 |
| 141 | 142.5 | 765109 | A18-00373 | 2.94 | 2.5 | - | - | - | - | - | < DL |
| 142.5 | 144 | 765110 | A18-00373 | 4.47 | 2.5 | - | - | - | - | - | < DL |
| 144 | 145.5 | 765111 | A18-00373 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 145.5 | 147 | 765112 | A18-00373 | 3.84 | 2.5 | - | - | - | - | - | < DL |
| 147 | 148.5 | 765113 | A18-00373 | 3.48 | 2.5 | - | - | - | - | - | < DL |
| 148.5 | 150 | 765114 | A18-00373 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 150 | 151.5 | 765116 | A18-00373 | 3.5 | 2.5 | - | - | - | - | - | < DL |
| 151.5 | 153 | 765117 | A18-00373 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 153 | 154.5 | 765118 | A18-00373 | 3.82 | 2.5 | - | - | - | - | - | < DL |
| 154.5 | 156 | 765119 | A18-00373 | 4.47 | 2.5 | - | - | - | - | - | < DL |
| 156 | 157.5 | 765120 | A18-00373 | 4.62 | 2.5 | - | - | - | - | - | < DL |
| 157.5 | 159 | 765121 | A18-00373 | 4.57 | 2.5 | - | - | - | - | - | < DL |
| 159 | 160.5 | 765122 | A18-00373 | 3.86 | 12 | - | - | - | - | - | 0.01 |
| 160.5 | 162 | 765123 | A18-00373 | 3.38 | 43 | - | - | - | - | - | 0.04 |
| 162 | 163.5 | 765124 | A18-00373 | 3.06 | 13 | - | - | - | - | - | 0.01 |
| 163.5 | 165 | 765125 | A18-00373 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 165 | 166.5 | 765126 | A18-00373 | 3.86 | 35 | - | - | - | - | - | 0.04 |
| 166.5 | 168 | 765127 | A18-00373 | 3.59 | 6 | - | - | - | - | - | 0.01 |
| 168 | 169.5 | 765129 | A18-00373 | 3.53 | 2.5 | - | - | - | - | - | < DL |
| 169.5 | 171 | 765130 | A18-00373 | 3.76 | 16 | - | - | - | - | - | 0.02 |
| 171 | 172.5 | 765131 | A18-00373 | 3.68 | 8 | - | - | - | - | - | 0.01 |
| 172.5 | 174 | 765132 | A18-00373 | 3.84 | 7 | - | - | - | - | - | 0.01 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | Metallic Au (ppm) | | | Total | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------------------|-------|---------|-------|---------------|
| | | | | | | | MeshA | MeshB | 100Mesh | | |
| 174 | 175.5 | 765133 | A18-00373 | 3.49 | 7 | - | - | - | - | - | 0.01 |
| 175.5 | 177 | 765134 | A18-00373 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 177 | 178.5 | 765135 | A18-00373 | 3.57 | 2.5 | - | - | - | - | - | < DL |
| 178.5 | 180 | 765136 | A18-00373 | 3.74 | 5 | - | - | - | - | - | 0.01 |
| 180 | 181.5 | 765137 | A18-00373 | 3.81 | 81 | - | - | - | - | - | 0.08 |
| 181.5 | 183 | 765138 | A18-00373 | 2.94 | 26 | - | - | - | - | - | 0.03 |
| 183 | 184.5 | 765139 | A18-00373 | 3.6 | 8 | - | - | - | - | - | 0.01 |
| 184.5 | 186 | 765141 | A18-00373 | 3.7 | 2.5 | - | - | - | - | - | < DL |
| 186 | 187.5 | 765142 | A18-00373 | 3.39 | 2.5 | - | - | - | - | - | < DL |
| 187.5 | 189 | 765143 | A18-00373 | 4.35 | 2.5 | - | - | - | - | - | < DL |
| 189 | 190.5 | 765144 | A18-00373 | 3.74 | 6 | - | - | - | - | - | 0.01 |
| 190.5 | 192 | 765145 | A18-00373 | 3.39 | 12 | - | - | - | - | - | 0.01 |
| 192 | 193.5 | 765146 | A18-00373 | 3.81 | 18 | - | - | - | - | - | 0.02 |
| 193.5 | 195 | 765147 | A18-00373 | 3.81 | 2.5 | - | - | - | - | - | < DL |
| 195 | 196.5 | 765148 | A18-00373 | 3.59 | 2.5 | - | - | - | - | - | < DL |
| 196.5 | 198 | 765149 | A18-00373 | 3.49 | 2.5 | - | - | - | - | - | < DL |
| 198 | 199.5 | 765150 | A18-00373 | 3.72 | 2.5 | - | - | - | - | - | < DL |
| 199.5 | 201 | 765151 | A18-00373 | 3.74 | 6 | - | - | - | - | - | 0.01 |
| 201 | 202.5 | 765152 | A18-00373 | 3.41 | 2.5 | - | - | - | - | - | < DL |
| 202.5 | 204 | 765154 | A18-00373 | 4.28 | 2.5 | - | - | - | - | - | < DL |
| 204 | 205.5 | 765155 | A18-00373 | 3.76 | 2.5 | - | - | - | - | - | < DL |
| 205.5 | 207 | 765156 | A18-00373 | 3.8 | 2.5 | - | - | - | - | - | < DL |
| 207 | 208.5 | 765157 | A18-00373 | 3.56 | 2.5 | - | - | - | - | - | < DL |
| 208.5 | 210 | 765158 | A18-00373 | 3.69 | 2.5 | - | - | - | - | - | < DL |
| 210 | 211.5 | 765159 | A18-00373 | 3.44 | 2.5 | - | - | - | - | - | < DL |
| 211.5 | 213 | 765160 | A18-00373 | 3.74 | 13 | - | - | - | - | - | 0.01 |
| 213 | 214.5 | 765161 | A18-00373 | 3.31 | 2.5 | - | - | - | - | - | < DL |
| 214.5 | 216 | 765162 | A18-00373 | 3.52 | 2.5 | - | - | - | - | - | < DL |
| 216 | 217.5 | 765163 | A18-00373 | 4.05 | 2.5 | - | - | - | - | - | < DL |
| 217.5 | 219 | 765164 | A18-00373 | 3.25 | 28 | - | - | - | - | - | 0.03 |

Detailed Assay Report

| From (m) | To (m) | SampleID | Certificate | Rec-Weight (kg) | Au-FA (ppb) | Gravimetric Au (ppm) | MeshA | Metallic Au (ppm) | | | Best Au (ppm) |
|----------|--------|----------|-------------|-----------------|-------------|----------------------|-------|-------------------|---------|-------|---------------|
| | | | | | | | | MeshB | 100Mesh | Total | |
| 219 | 220.5 | 765166 | A18-00373 | 3.23 | 2.5 | - | - | - | - | - | < DL |
| 220.5 | 222 | 765167 | A18-00373 | 3.67 | 2.5 | - | - | - | - | - | < DL |
| 222 | 223.5 | 765168 | A18-00373 | 2.75 | 2.5 | - | - | - | - | - | < DL |
| 223.5 | 225 | 765169 | A18-00373 | 4.33 | 2.5 | - | - | - | - | - | < DL |
| 225 | 226.5 | 765170 | A18-00373 | 3.66 | 6 | - | - | - | - | - | 0.01 |
| 226.5 | 228 | 765171 | A18-00373 | 3.97 | 2.5 | - | - | - | - | - | < DL |
| 228 | 229.5 | 765172 | A18-00373 | 3.71 | 2.5 | - | - | - | - | - | < DL |
| 229.5 | 231 | 765173 | A18-00373 | 3.57 | 2.5 | - | - | - | - | - | < DL |

Alteration and Mineralization Legend

| Alteration Codes | | | | | Mineralization Codes | | | | | |
|------------------|-----------|-------|----------------|-----------|----------------------|------|---------------|-----|----------------------|---------------------|
| Type | | Style | | Intensity | Type | | Style | | % Min | |
| SI | Silica | PV | Prevasive | 1 | Very Weak | Py | Pyrite | DIS | Disseminated | % of mineralization |
| AB | Albite | SPV | Semi-Pervasive | 2 | Weak | Cpy | Chalcopyrite | MTX | Matrix-controlled | |
| SR | Sericite | SEL | Selective | 3 | Moderate | Po | Pyrrhotite | STR | Structure-controlled | |
| CL | Chlorite | | | 4 | Strong | Au | Native Gold | | | |
| BO | Biotite | | | 5 | Biotite | Mo | Molybdenite | | | |
| HM | Hematite | | | | | Aspy | Arsenopyrite | | | |
| CB | Carbonite | | | | | Te | Telluride | | | |
| LX | Leucoxene | | | | | Cu | Native Copper | | | |
| EP | Epidote | | | | | Sph | Sphalerite | | | |
| MG | Magnetite | | | | | | | | | |
| FU | Fuschite | | | | | | | | | |
| AG | Argilitic | | | | | | | | | |
| AK | Ankerite | | | | | | | | | |
| AM | Amphibole | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|--|
|----------|--------|-----------|--|

| | | | |
|---|---|----|------------|
| 0 | 3 | OV | Overburden |
|---|---|----|------------|

| Sample | From | To | Best Au (ppm) |
|--------|------|----|---------------|
|--------|------|----|---------------|

| | | | |
|---|-------|-----|----------------|
| 3 | 11.74 | QDR | Quartz diorite |
|---|-------|-----|----------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 3 | 11.74 | BO | SEL | 2 | | | | | | 765001 | 3 | 4.5 | 0.01 |
| 3 | 11.74 | CB | SPV | 1 | | | | | | 765002 | 4.5 | 6 | 0.02 |
| 3 | 11.74 | CL | SEL | 3 | | | | | | 765004 | 6 | 7.5 | <0.005 |
| | | | | | | | | | | 765005 | 7.5 | 9 | 0.01 |
| | | | | | | | | | | 765006 | 9 | 10.5 | <0.005 |

| | | | |
|-------|-------|-------|------------------|
| 11.74 | 17.95 | TonBx | Tonalite Breccia |
|-------|-------|-------|------------------|

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) |
| 11.74 | 17.95 | AB | SPV | 2 | 11.74 | 17.95 | PY | STR | 0.5 | 765007 | 10.5 | 12 | <0.005 |
| 11.74 | 17.95 | BO | SEL | 1 | | | | | | 765008 | 12 | 13.5 | <0.005 |
| 11.74 | 17.95 | CB | SEL | 2 | | | | | | 765009 | 13.5 | 15 | 0.01 |
| 11.74 | 17.95 | CL | SEL | 1 | | | | | | 765010 | 15 | 16.5 | 0.17 |
| 11.74 | 17.95 | SI | SPV | 2 | | | | | | | | | |
| 11.74 | 17.95 | SR | SEL | 4 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|---------------------------------------------------------------------------------------|
| 17.95 | 34.54 | QDR | Quartz diorite locally intruded by another QDR more pegmatitique (small intrusion) |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 17.95 | 34.54 | AB | SPV | 2 | | | | | | 765011 | 16.5 | 18 | <0.005 |
| 17.95 | 34.54 | BO | SEL | 2 | | | | | | 765012 | 18 | 19.5 | <0.005 |
| 17.95 | 34.54 | CB | SEL | 1 | | | | | | 765013 | 19.5 | 21 | <0.005 |
| 17.95 | 34.54 | CL | SEL | 2 | | | | | | 765014 | 21 | 22.5 | 0.01 |
| 17.95 | 34.54 | SI | SPV | 2 | | | | | | 765016 | 22.5 | 24 | 0.01 |
| 17.95 | 34.54 | SR | SPV | 4 | | | | | | 765017 | 24 | 25.5 | <0.005 |
| | | | | | | | | | | 765018 | 25.5 | 27 | <0.005 |
| | | | | | | | | | | 765019 | 27 | 28.5 | <0.005 |
| | | | | | | | | | | 765020 | 28.5 | 30 | 0.04 |
| | | | | | | | | | | 765021 | 30 | 31.5 | 1.13 |
| | | | | | | | | | | 765022 | 31.5 | 33 | 0.05 |
| | | | | | | | | | | 765023 | 33 | 34.5 | 0.01 |

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------------|
| 34.54 | 37.5 | TonBx | Tonalite Breccia |

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 34.54 | 37.5 | AB | SPV | 3 | | | | | | 765024 | 34.5 | 36 | <0.005 |
| 34.54 | 37.5 | BO | SEL | 2 | | | | | | 765025 | 36 | 37.5 | 0.03 |
| 34.54 | 37.5 | CB | SPV | 2 | | | | | | | | | |
| 34.54 | 37.5 | CL | SEL | 2 | | | | | | | | | |
| 34.54 | 37.5 | HM | SPV | 2 | | | | | | | | | |
| 34.54 | 37.5 | SI | SPV | 3 | | | | | | | | | |
| 34.54 | 37.5 | SR | SPV | 4 | | | | | | | | | |

| From (m) | To (m) | Lithology | |
|----------|--------|-----------|------------|
| 37.5 | 37.72 | MafDk | Mafic Dyke |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|--------------------------|----------------------|------|-------|-------|---------------|--------------------------|------|---------------|--|--|---------------|--|--|---------------|------|----|------|-------|--------|------|----|------|-------|-------|--------|------|----|---------------|------|-------|----|-----|---|--|--|--|--|--|--|--|--|--|
| | | <table border="1"> <thead> <tr> <th colspan="5">Alteration Intervals</th> <th colspan="5">Mineralization Intervals</th> <th colspan="3">Assay Results</th> <th>Best Au (ppm)</th> </tr> <tr> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>Inten.</th> <th>From</th> <th>To</th> <th>Type</th> <th>Style</th> <th>% Min</th> <th>Sample</th> <th>From</th> <th>To</th> <th>Best Au (ppm)</th> </tr> </thead> <tbody> <tr> <td>37.5</td> <td>37.72</td> <td>CB</td> <td>SEL</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | 37.5 | 37.72 | CB | SEL | 5 | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37.5 | 37.72 | CB | SEL | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37.72 | 39.85 | QDR | Quartz diorite | | | | | | | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765026 | 37.5 | 39 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39.85 | 41.01 | TonBx | Tonalite Breccia | | | | | | | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765027 | 39 | 40.5 | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41.01 | 43.03 | TonBx | Tonalite Breccia | | | | | | | Sample | From | To | Best Au (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 765029 | 40.5 | 42 | <0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43.03 | 44.88 | TonBx | Tonalite Breccia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | Sample | From | To | Best Au (ppm) | | | | | | | | |
|----------|--------|-------------------------------------------------------------------------------|----------------|--------|--------------------------|--------|---------------|---------------|-------|--------|------|--------|---------------|------|--------|
| | | | | 765030 | 42 | 43.5 | <0.005 | | | | | | | | |
| 44.88 | 46.91 | QDR | Quartz diorite | | | | | | | | | | | | |
| | | | | 765031 | 43.5 | 45 | 0.01 | | | | | | | | |
| | | | | 765032 | 45 | 46.5 | 0.02 | | | | | | | | |
| 46.91 | 48.65 | Ton | Tonalite | | | | | | | | | | | | |
| | | | | 765033 | 46.5 | 48 | 0.01 | | | | | | | | |
| 48.65 | 66.55 | QDR | Quartz diorite | | | | | | | | | | | | |
| | | some intervals with strong BO/CHL alteration margin to vein (alteration halo) | | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | Assay Results | | | | | | | |
| | | From | To | Type | Style | Inten. | From | To | % Min | Sample | From | To | Best Au (ppm) | | |
| | | 48.65 | 52.77 | BO | SEL | 2 | 48.65 | 66.55 | CPY | STR | 0.5 | 765034 | 48 | 49.5 | 0.01 |
| | | 48.65 | 52.77 | CL | SEL | 4 | 48.65 | 66.55 | PY | STR | 0.5 | 765035 | 49.5 | 51 | <0.005 |
| | | 52.77 | 54.1 | BO | SEL | 5 | | | | | | 765036 | 51 | 52.5 | <0.005 |
| | | 52.77 | 54.1 | CL | SEL | 5 | | | | | | 765037 | 52.5 | 54 | <0.005 |
| | | 54.1 | 56.9 | BO | SEL | 2 | | | | | | 765038 | 54 | 55.5 | <0.005 |
| | | 54.1 | 56.9 | CL | SEL | 5 | | | | | | 765039 | 55.5 | 57 | <0.005 |
| | | 56.9 | 57.62 | BO | SEL | 5 | | | | | | 765041 | 57 | 58 | <0.005 |
| | | 56.9 | 57.62 | CL | SEL | 5 | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | |
|----------|--------|-----------|-----|---|--------|------|------|--------|--|
| 57.62 | 58.82 | BO | SEL | 2 | 765042 | 58 | 59 | 0.01 | |
| 57.62 | 58.82 | CL | SEL | 5 | 765043 | 59 | 59.5 | 0.02 | |
| 58.82 | 61.82 | BO | SEL | 5 | 765044 | 59.5 | 60 | 0.16 | |
| 58.82 | 61.82 | CL | SEL | 3 | 765046 | 60 | 61 | 0.04 | |
| 61.82 | 66.55 | BO | SEL | 2 | 765047 | 61 | 62 | <0.005 | |
| 61.82 | 66.55 | CL | SEL | 4 | 765048 | 62 | 63 | <0.005 | |
| | | | | | 765049 | 63 | 64.5 | 0.01 | |
| | | | | | 765050 | 64.5 | 66 | <0.005 | |

66.55 71.75 TonBx Tonalite Breccia

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|-------|------|-------|-------|---------------|------|------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 66.55 | 71.75 | AB | SPV | 2 | 66.55 | 71.75 | CPY | DIS | 0.5 | 765051 | 66 | 67.5 | 0.01 |
| 66.55 | 71.75 | BO | SEL | 1 | 66.55 | 71.75 | PY | DIS | 0.5 | 765052 | 67.5 | 69 | 0.01 |
| 66.55 | 71.75 | CB | SEL | 1 | | | | | | 765054 | 69 | 70.5 | 0.01 |
| 66.55 | 71.75 | CL | SEL | 1 | | | | | | | | | |
| 66.55 | 71.75 | HM | SEL | 2 | | | | | | | | | |
| 66.55 | 71.75 | SI | SPV | 2 | | | | | | | | | |
| 66.55 | 71.75 | SR | SPV | 4 | | | | | | | | | |

71.75 72.05 MafDk Mafic Dyke

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-------|------|-------|--------|--------------------------|----|------|-------|-------|---------------|------|----|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 71.75 | 72.05 | CB | SPV | 3 | | | | | | 765055 | 70.5 | 72 | 0.12 |

72.05 75.53 QDR Quartz diorite

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | | |
|----------|--------|--------------------------------------------------------------|--------|------|-------|--------------------------|-------|--------|------|-------|---------------|--------|------|---------------|--------|--|
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 72.05 | 75.53 | BO | SEL | 3 | 72.05 | 75.53 | PY | DIS | 0.05 | 765056 | 72 | 72.9 | 0.01 | |
| | | 72.05 | 75.53 | CB | SPV | 2 | | | | | | 765057 | 72.9 | 73.5 | <0.005 | |
| | | 72.05 | 75.53 | CL | SEL | 3 | | | | | | 765058 | 73.5 | 75 | 0.05 | |
| 75.53 | 82.1 | TonBx Tonalite Breccia | | | | | | | | | | | | | | |
| | | Shear zone from 77.8-82.1m | | | | | | | | | | | | | | |
| | | ; VG in a QZ vein and in matix (2 specks) from 81.78-81.88 | | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | | | | | | 75.53 | 77.8 | CPY | STR | 0.5 | 765059 | 75 | 76.5 | 0.03 | |
| | | | | | | | 75.53 | 77.8 | PY | STR | 0.5 | 765060 | 76.5 | 78 | 0.08 | |
| | | | | | | | 77.8 | 82.1 | AU | STR | 1 | 765061 | 78 | 79.5 | 0.01 | |
| | | | | | | | 77.8 | 82.1 | CPY | STR | 0.05 | 765062 | 79.5 | 81 | 0.09 | |
| | | | | | | | 77.8 | 82.1 | PY | STR | 0.5 | 765063 | 81 | 81.5 | 0.03 | |
| | | | | | | | | | | | | 765064 | 81.5 | 82.1 | 13.4 | |
| 82.1 | 143.17 | Ton Tonalite | | | | | | | | | | | | | | |
| | | locally mafic enclave from 82.1-90m and from 133-137m (1-5%) | | | | | | | | | | | | | | |
| | | Alteration Intervals | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | |
| | | 82.1 | 143.17 | AB | SPV | 2 | 82.1 | 143.17 | PY | STR | 0.5 | 765066 | 82.1 | 83 | 0.36 | |
| | | 82.1 | 143.17 | BO | SEL | 2 | | | | | | 765067 | 83 | 84 | 0.04 | |
| | | 82.1 | 143.17 | CB | SEL | 4 | | | | | | 765068 | 84 | 85.5 | 0.03 | |
| | | 82.1 | 143.17 | CL | SEL | 2 | | | | | | 765069 | 85.5 | 87 | 0.02 | |
| | | 82.1 | 143.17 | HM | SEL | 1 | | | | | | 765070 | 87 | 88.5 | 0.01 | |
| | | 82.1 | 143.17 | SI | SPV | 2 | | | | | | 765071 | 88.5 | 90 | <0.005 | |
| | | 82.1 | 143.17 | SR | SPV | 4 | | | | | | 765072 | 90 | 91.5 | 0.01 | |
| | | | | | | | | | | | | 765073 | 91.5 | 93 | 0.01 | |

Drill Hole Report

Hole Number : CD17-017A
 Project : Cote Gold

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|--------------|
| 765074 | 93 | 94.5 0.03 |
| 765075 | 94.5 | 96 0.02 |
| 765076 | 96 | 97.5 0.01 |
| 765077 | 97.5 | 99 0.01 |
| 765079 | 99 | 100.5 <0.005 |
| 765080 | 100.5 | 102 <0.005 |
| 765081 | 102 | 103.5 <0.005 |
| 765082 | 103.5 | 105 0.01 |
| 765083 | 105 | 106.5 <0.005 |
| 765084 | 106.5 | 108 <0.005 |
| 765085 | 108 | 109.5 0.02 |
| 765086 | 109.5 | 111 0.03 |
| 765087 | 111 | 112.5 0.03 |
| 765088 | 112.5 | 114 0.02 |
| 765089 | 114 | 115.5 0.02 |
| 765091 | 115.5 | 117 0.01 |
| 765092 | 117 | 118.5 0.01 |
| 765093 | 118.5 | 120 <0.005 |
| 765094 | 120 | 121.5 <0.005 |
| 765095 | 121.5 | 123 <0.005 |
| 765096 | 123 | 124.5 <0.005 |
| 765097 | 124.5 | 126 <0.005 |
| 765098 | 126 | 127.5 0.01 |
| 765099 | 127.5 | 129 <0.005 |
| 765100 | 129 | 130.5 <0.005 |
| 765101 | 130.5 | 132 <0.005 |
| 765102 | 132 | 133.5 <0.005 |
| 765104 | 133.5 | 135 0.01 |
| 765105 | 135 | 136.5 0.01 |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | | | | | | |
|----------|--------|----------------------|-------------------------------------------------------------------------------|------|--------------------------|--------|--------|--------|---------------|---------------|-------|--------|---------------|-------|--------|
| | | | | | | 765106 | 136.5 | 138 | 0.01 | | | | | | |
| | | | | | | 765107 | 138 | 139.5 | 0.13 | | | | | | |
| | | | | | | 765108 | 139.5 | 141 | 0.01 | | | | | | |
| | | | | | | 765109 | 141 | 142.5 | <0.005 | | | | | | |
| 143.17 | 144.13 | DIA | Diabase | | | | | | | | | | | | |
| | | | | | | Sample | From | To | Best Au (ppm) | | | | | | |
| | | | | | | 765110 | 142.5 | 144 | <0.005 | | | | | | |
| 144.13 | 153.31 | Ton | Tonalite | | | | | | | | | | | | |
| | | | some intervals with strong BO/CHL alteration margin to vein (alteration halo) | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 144.13 | 153.31 | AB | SPV | 1 | 144.13 | 153.31 | CPY | STR | 0.05 | 765111 | 144 | 145.5 | <0.005 |
| | | 144.13 | 153.31 | BO | SEL | 3 | 144.13 | 153.31 | PY | STR | 0.5 | 765112 | 145.5 | 147 | <0.005 |
| | | 144.13 | 153.31 | CB | SEL | 2 | | | | | | 765113 | 147 | 148.5 | <0.005 |
| | | 144.13 | 153.31 | CL | SEL | 3 | | | | | | 765114 | 148.5 | 150 | <0.005 |
| | | 144.13 | 153.31 | SI | SEL | 1 | | | | | | 765116 | 150 | 151.5 | <0.005 |
| | | 144.13 | 153.31 | SR | SPV | 4 | | | | | | 765117 | 151.5 | 153 | <0.005 |
| 153.31 | 160.36 | LamDk | Lamprophyre Dyke | | | | | | | | | | | | |
| | | | CS structures | | | | | | | | | | | | |
| | | Alteration Intervals | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) | | |
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| | | 153.31 | 160.36 | CB | PV | 5 | | | | | | 765118 | 153 | 154.5 | <0.005 |
| | | | | | | | | | | | | 765119 | 154.5 | 156 | <0.005 |
| | | | | | | | | | | | | 765120 | 156 | 157.5 | <0.005 |

Detailed Lithology Report

| From (m) | To (m) | Lithology |
|----------|--------|----------------------------------------|
| | | 765121 157.5 159 <0.005 |

160.36 188 Ton Tonalite
 some intervals with strong Si/Sb alteration margin to QZ vein (alteration halo)
 ; 168.46-169.14 : lamp dyke
 ; 171.56-171.72 : lamp dyke
 ; local HM alteration from 172.42-172.6m

| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------------------|-----|------|-------|--------|--------------------------|-----|------|-------|-------|---------------|-------|-------|---------------|
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 160.36 | 188 | AB | SPV | 3 | 160.36 | 188 | CPY | STR | 0.05 | 765122 | 159 | 160.5 | 0.01 |
| 160.36 | 188 | BO | SEL | 1 | 160.36 | 188 | PO | STR | 0.05 | 765123 | 160.5 | 162 | 0.04 |
| 160.36 | 188 | CB | SEL | 3 | 160.36 | 188 | PY | STR | 0.5 | 765124 | 162 | 163.5 | 0.01 |
| 160.36 | 188 | CL | SEL | 1 | | | | | | 765125 | 163.5 | 165 | <0.005 |
| 160.36 | 188 | HM | SEL | 1 | | | | | | 765126 | 165 | 166.5 | 0.04 |
| 160.36 | 188 | SI | SPV | 3 | | | | | | 765127 | 166.5 | 168 | 0.01 |
| 160.36 | 188 | SR | SPV | 5 | | | | | | 765129 | 168 | 169.5 | <0.005 |
| | | | | | | | | | | 765130 | 169.5 | 171 | 0.02 |
| | | | | | | | | | | 765131 | 171 | 172.5 | 0.01 |
| | | | | | | | | | | 765132 | 172.5 | 174 | 0.01 |
| | | | | | | | | | | 765133 | 174 | 175.5 | 0.01 |
| | | | | | | | | | | 765134 | 175.5 | 177 | <0.005 |
| | | | | | | | | | | 765135 | 177 | 178.5 | <0.005 |
| | | | | | | | | | | 765136 | 178.5 | 180 | 0.01 |
| | | | | | | | | | | 765137 | 180 | 181.5 | 0.08 |
| | | | | | | | | | | 765138 | 181.5 | 183 | 0.03 |
| | | | | | | | | | | 765139 | 183 | 184.5 | 0.01 |
| | | | | | | | | | | 765141 | 184.5 | 186 | <0.005 |
| | | | | | | | | | | 765142 | 186 | 187.5 | <0.005 |

188 188.21 LamDk Lamprophyre Dyke

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
|----------|--------|-----------|---------------------------------------------------------------------------------------------|------|-------|----------------------|--------|--------|------|-------|--------------------------|--------|-------|-------|--------|---------------|--|--|---------------|
| | | From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | | | | | |
| | | 188 | 188.21 | CB | PV | 5 | 188 | 188.21 | PY | DIS | 0.05 | | | | | | | | |
| 188.21 | 191.48 | DR | Diorite fine grained diorite | | | | | | | | | | | | | | | | |
| | | 188.21 | 191.48 | AB | SPV | 1 | 188.21 | 191.48 | PY | STR | 0.05 | 765143 | 187.5 | 189 | <0.005 | | | | |
| | | 188.21 | 191.48 | BO | SEL | 3 | | | | | | 765144 | 189 | 190.5 | 0.01 | | | | |
| | | 188.21 | 191.48 | CL | SEL | 3 | | | | | | | | | | | | | |
| | | 188.21 | 191.48 | SI | SPV | 1 | | | | | | | | | | | | | |
| | | 188.21 | 191.48 | SR | SPV | 3 | | | | | | | | | | | | | |
| 191.48 | 192.82 | LamDk | Lamprophyre Dyke | | | | | | | | | | | | | | | | |
| | | 191.48 | 192.82 | CB | PV | 5 | 191.48 | 192.82 | PY | DIS | 0.5 | 765145 | 190.5 | 192 | 0.01 | | | | |
| 192.82 | 204.75 | Ton | Tonalite some intervals with strong Si/Sb alteration margin to QZ vein (alteration halo) | | | | | | | | | | | | | | | | |
| | | 192.82 | 204.75 | AB | SPV | 3 | 192.82 | 204.75 | PY | STR | 0.5 | 765146 | 192 | 193.5 | 0.02 | | | | |
| | | 192.82 | 204.75 | BO | SEL | 2 | | | | | | 765147 | 193.5 | 195 | <0.005 | | | | |
| | | 192.82 | 204.75 | CB | SEL | 3 | | | | | | 765148 | 195 | 196.5 | <0.005 | | | | |
| | | 192.82 | 204.75 | CL | SEL | 2 | | | | | | 765149 | 196.5 | 198 | <0.005 | | | | |
| | | 192.82 | 204.75 | HM | SEL | 1 | | | | | | | | | | | | | |

Detailed Lithology Report

| From (m) | To (m) | Lithology | | | | | | | | Sample | From | To | Best Au (ppm) |
|----------------------|--------|-----------|------------------------------------------------|--------|--------------------------|-------|------|-------|--------|---------------|-------|--------|---------------|
| 192.82 | 204.75 | SI | SPV | 3 | | | | | 765150 | 198 | 199.5 | <0.005 | |
| 192.82 | 204.75 | SR | SPV | 4 | | | | | 765151 | 199.5 | 201 | 0.01 | |
| | | | | | | | | | 765152 | 201 | 202.5 | <0.005 | |
| | | | | | | | | | 765154 | 202.5 | 204 | <0.005 | |
| 204.75 | 205.9 | LamDk | Lamprophyre Dyke shear plan with CS structures | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 204.75 | 205.9 | CB | SEL | 5 | 204.75 | 205.9 | PY | DIS | 0.5 | 765155 | 204 | 205.5 | <0.005 |
| 205.9 | 231 | Ton | Tonalite | | | | | | | | | | |
| | | | ; 231m EOH | | | | | | | | | | |
| Alteration Intervals | | | | | Mineralization Intervals | | | | | Assay Results | | | Best Au (ppm) |
| From | To | Type | Style | Inten. | From | To | Type | Style | % Min | Sample | From | To | |
| 205.9 | 231 | AB | SPV | 2 | 205.9 | 231 | PY | STR | 0.5 | 765156 | 205.5 | 207 | <0.005 |
| 205.9 | 231 | BO | SEL | 2 | | | | | | 765157 | 207 | 208.5 | <0.005 |
| 205.9 | 231 | CB | SEL | 3 | | | | | | 765158 | 208.5 | 210 | <0.005 |
| 205.9 | 231 | CL | SEL | 2 | | | | | | 765159 | 210 | 211.5 | <0.005 |
| 205.9 | 231 | SI | SPV | 2 | | | | | | 765160 | 211.5 | 213 | 0.01 |
| 205.9 | 231 | SR | SPV | 4 | | | | | | 765161 | 213 | 214.5 | <0.005 |
| | | | | | | | | | | 765162 | 214.5 | 216 | <0.005 |
| | | | | | | | | | | 765163 | 216 | 217.5 | <0.005 |
| | | | | | | | | | | 765164 | 217.5 | 219 | 0.03 |
| | | | | | | | | | | 765166 | 219 | 220.5 | <0.005 |
| | | | | | | | | | | 765167 | 220.5 | 222 | <0.005 |
| | | | | | | | | | | 765168 | 222 | 223.5 | <0.005 |
| | | | | | | | | | | 765169 | 223.5 | 225 | <0.005 |
| | | | | | | | | | | 765170 | 225 | 226.5 | 0.01 |

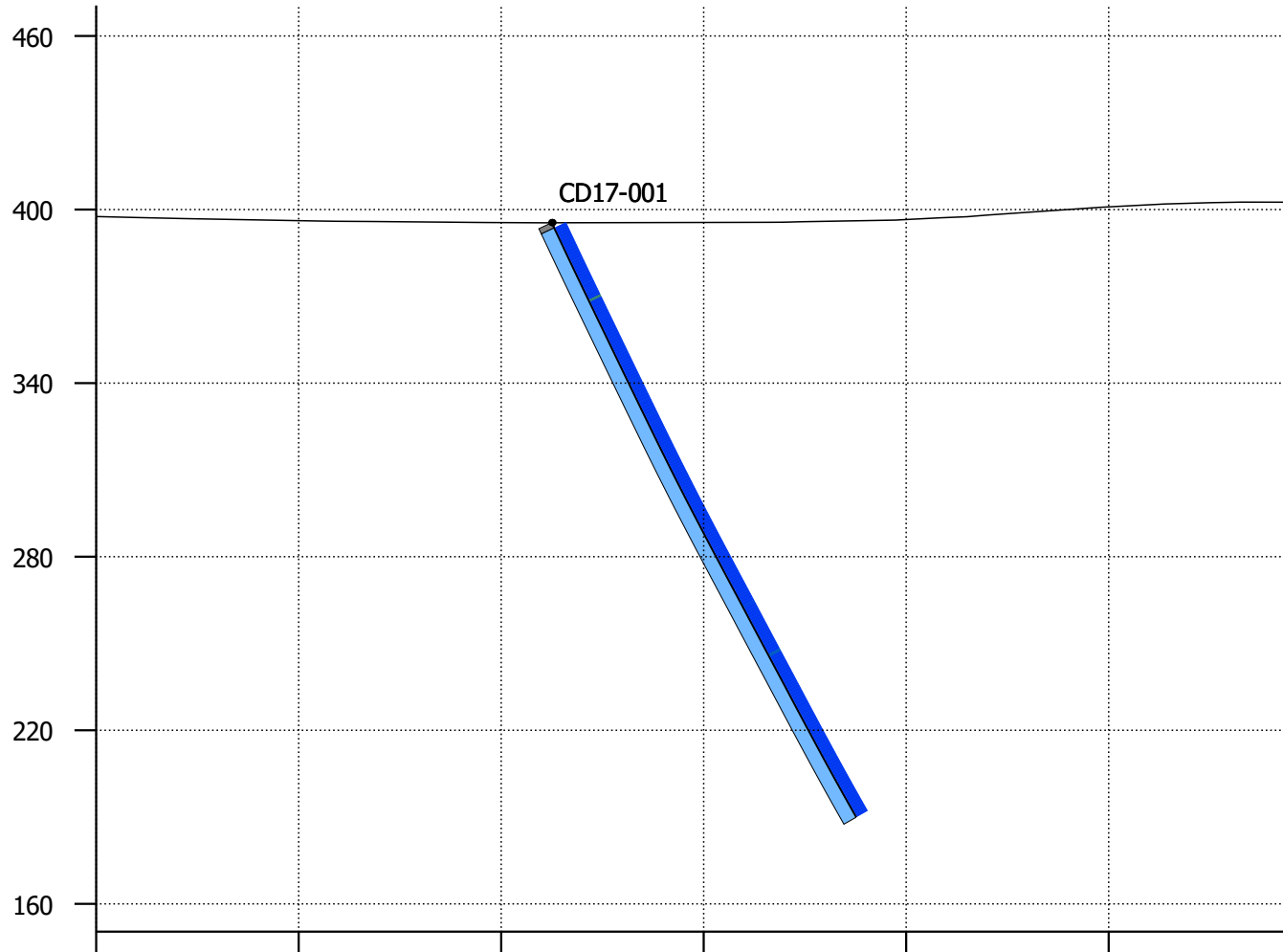
Detailed Lithology Report

| From (m) | To (m) | Lithology | | | |
|-------------|-----------|-----------|--------|-------|--------------|
| | | | 765171 | 226.5 | 228 <0.005 |
| | | | 765172 | 228 | 229.5 <0.005 |
| | | | 765173 | 229.5 | 231 <0.005 |

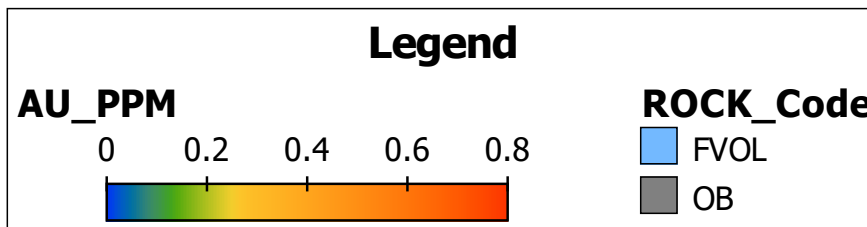
CD17-01

A

B



x: 428154 x: 428109 x: 428063 x: 428018 x: 427973 x: 427927
y: 5268540 y: 5268593 y: 5268646 y: 5268700 y: 5268753 y: 5268806



Location

A: 428154, 5268540

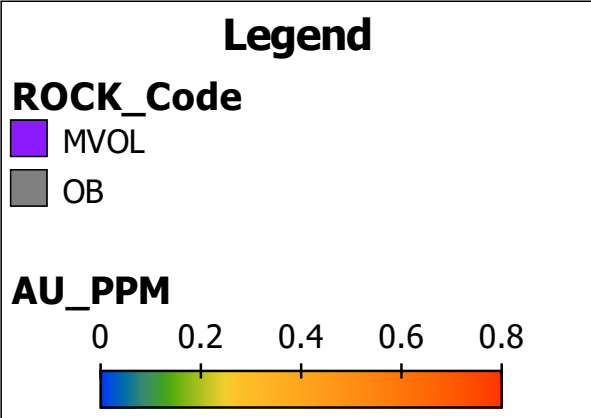
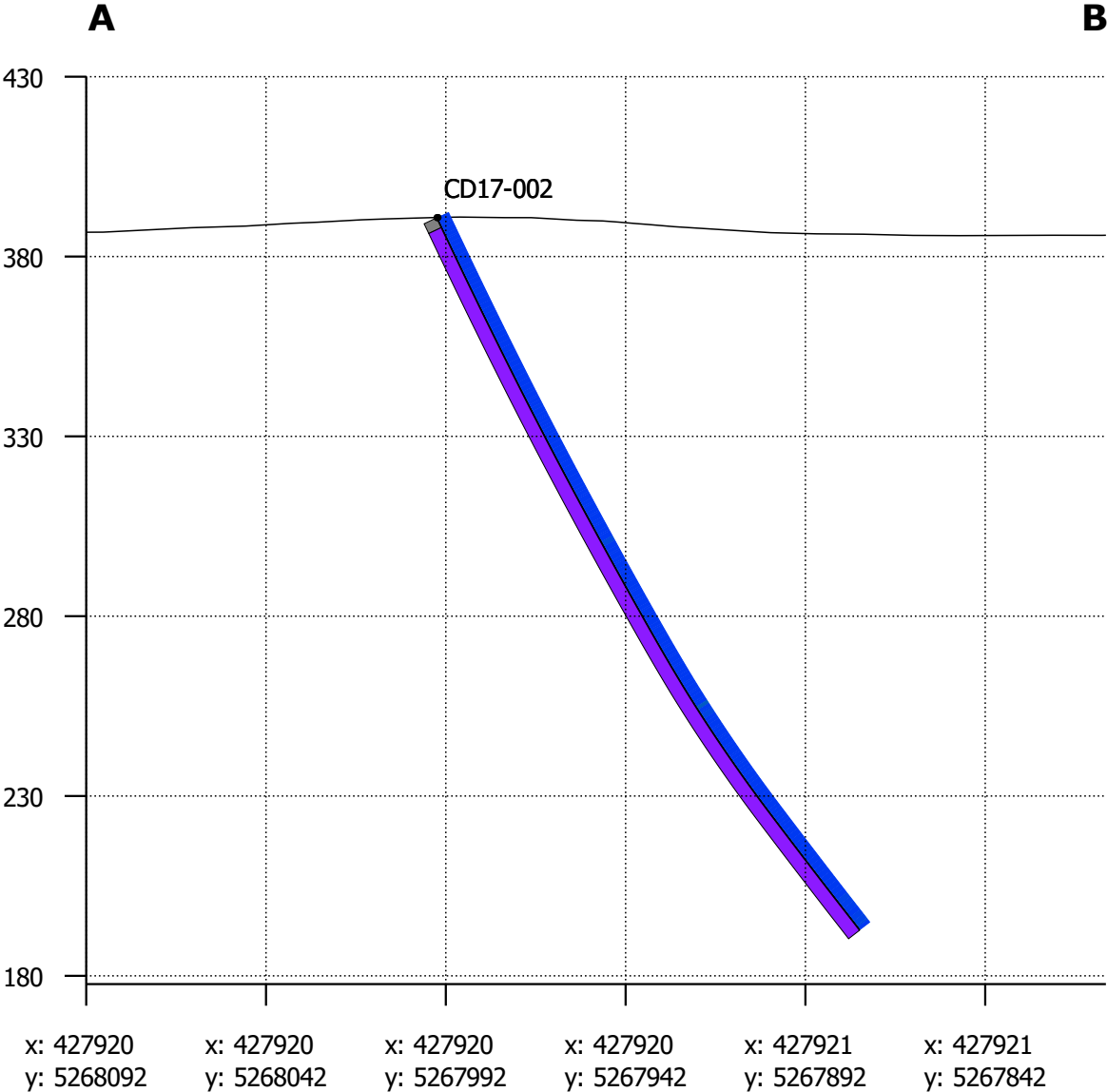
B: 427886, 5268854

Scale: 1:2,500

Vertical exaggeration: 1x



CD17-02



Location

A: 427920, 5268092

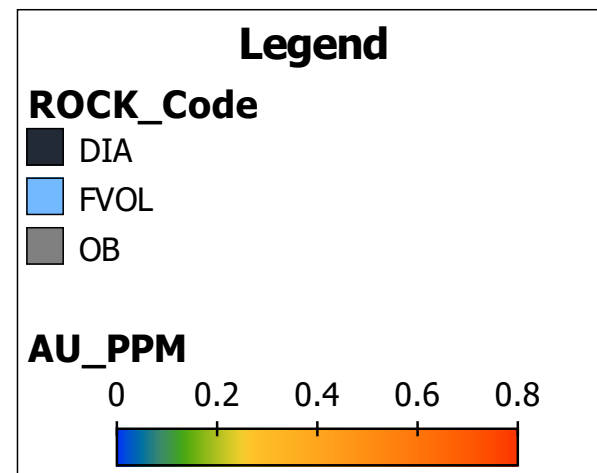
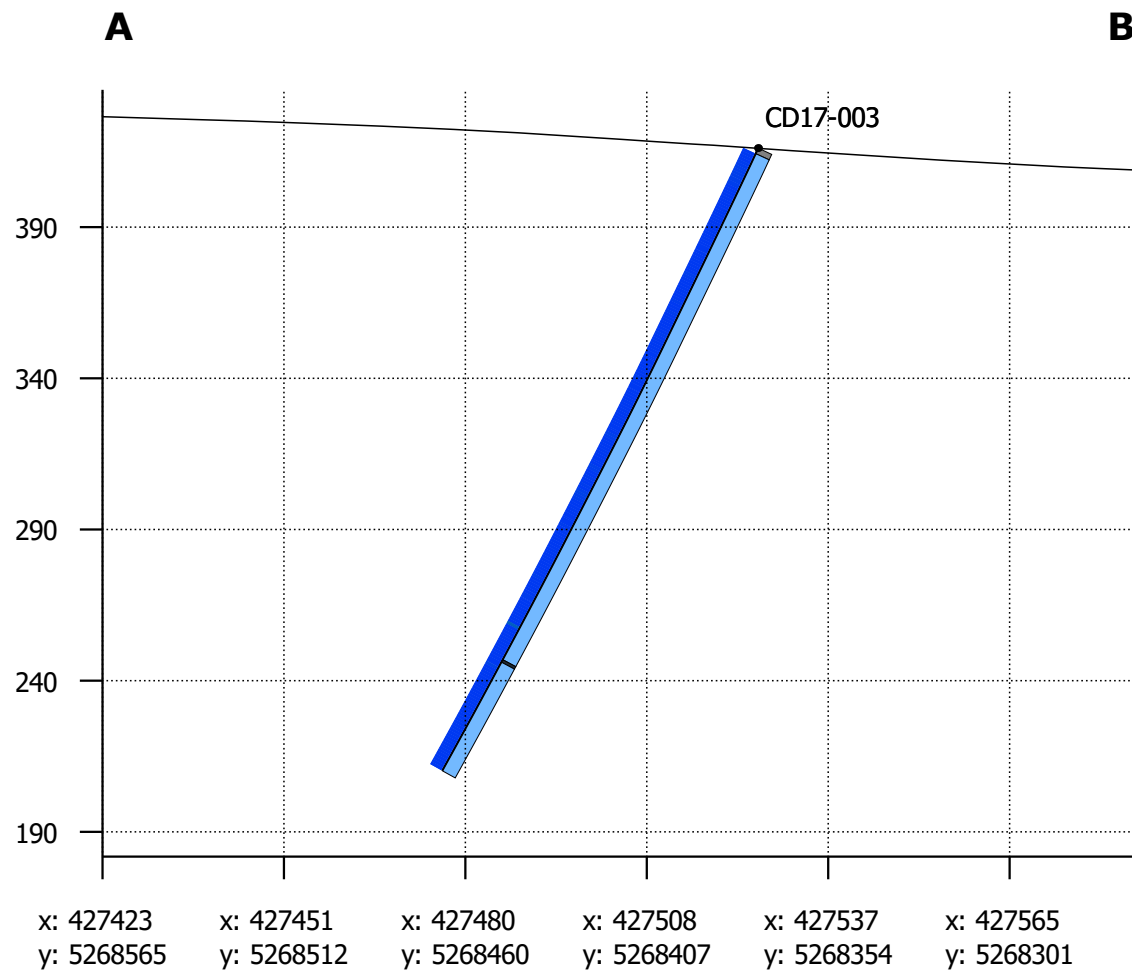
B: 427921, 5267808

Scale: 1:2,000

Vertical exaggeration: 1x



CD17-03



Location

A: 427423, 5268565

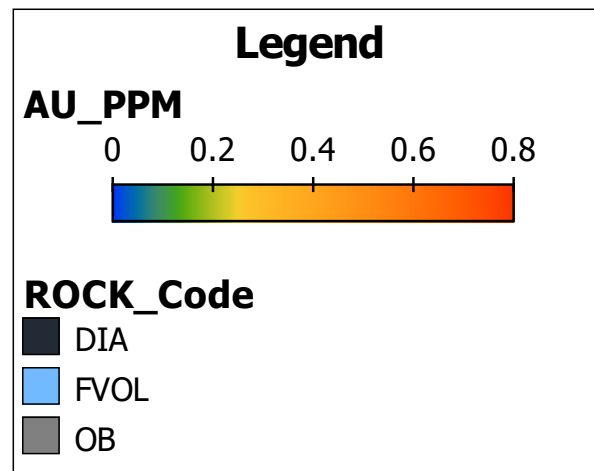
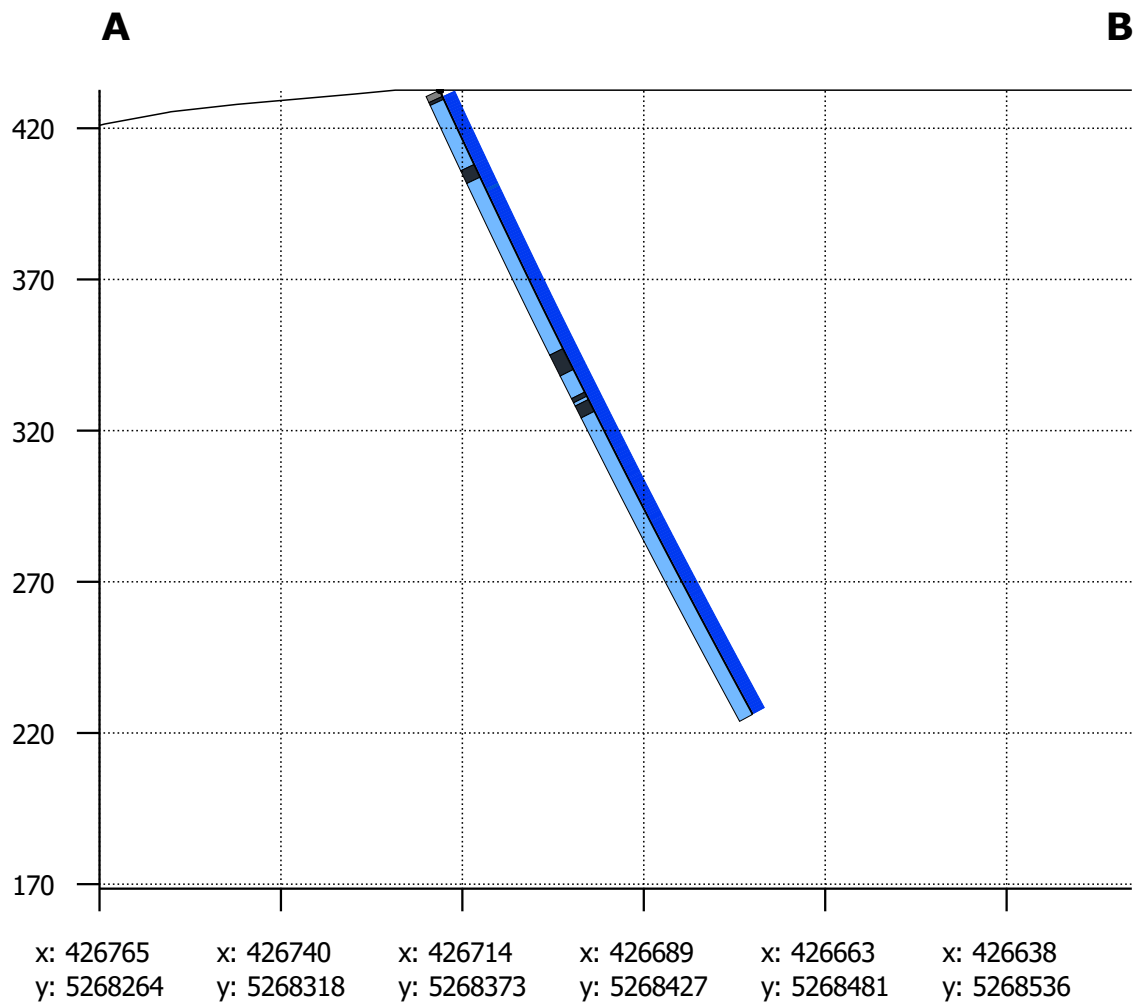
B: 427585, 5268265

Scale: 1:2,500

Vertical exaggeration: 1x



CD17-04



Location

A: 426765, 5268264

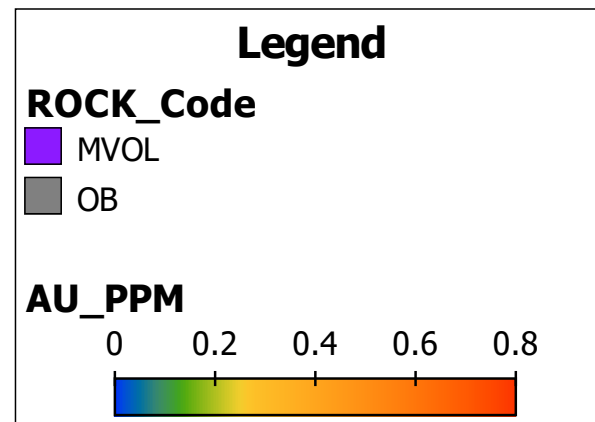
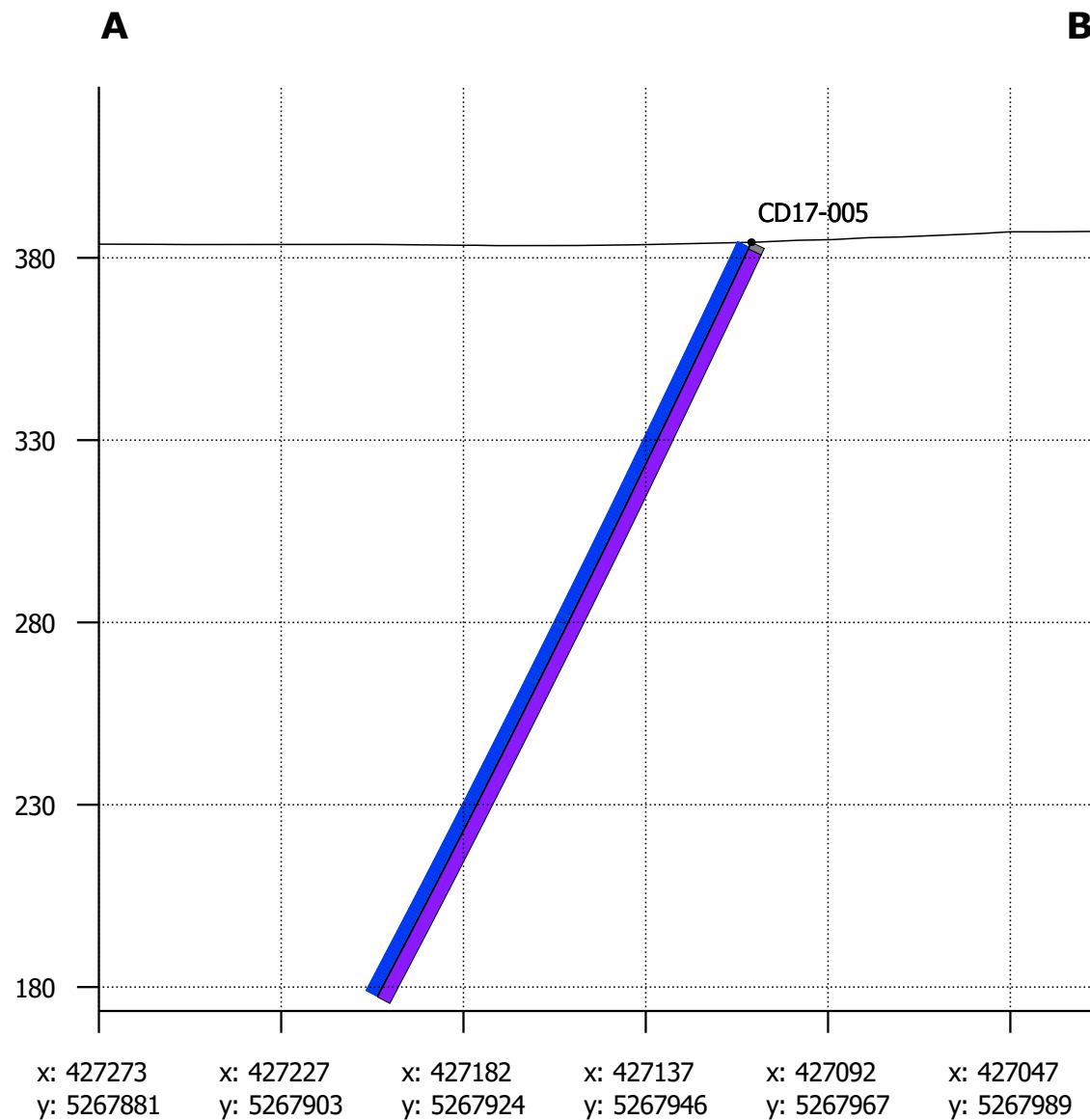
B: 426620, 5268573

Scale: 1:2,500

Vertical exaggeration: 1x



CD17-05



Location

A: 427273, 5267881

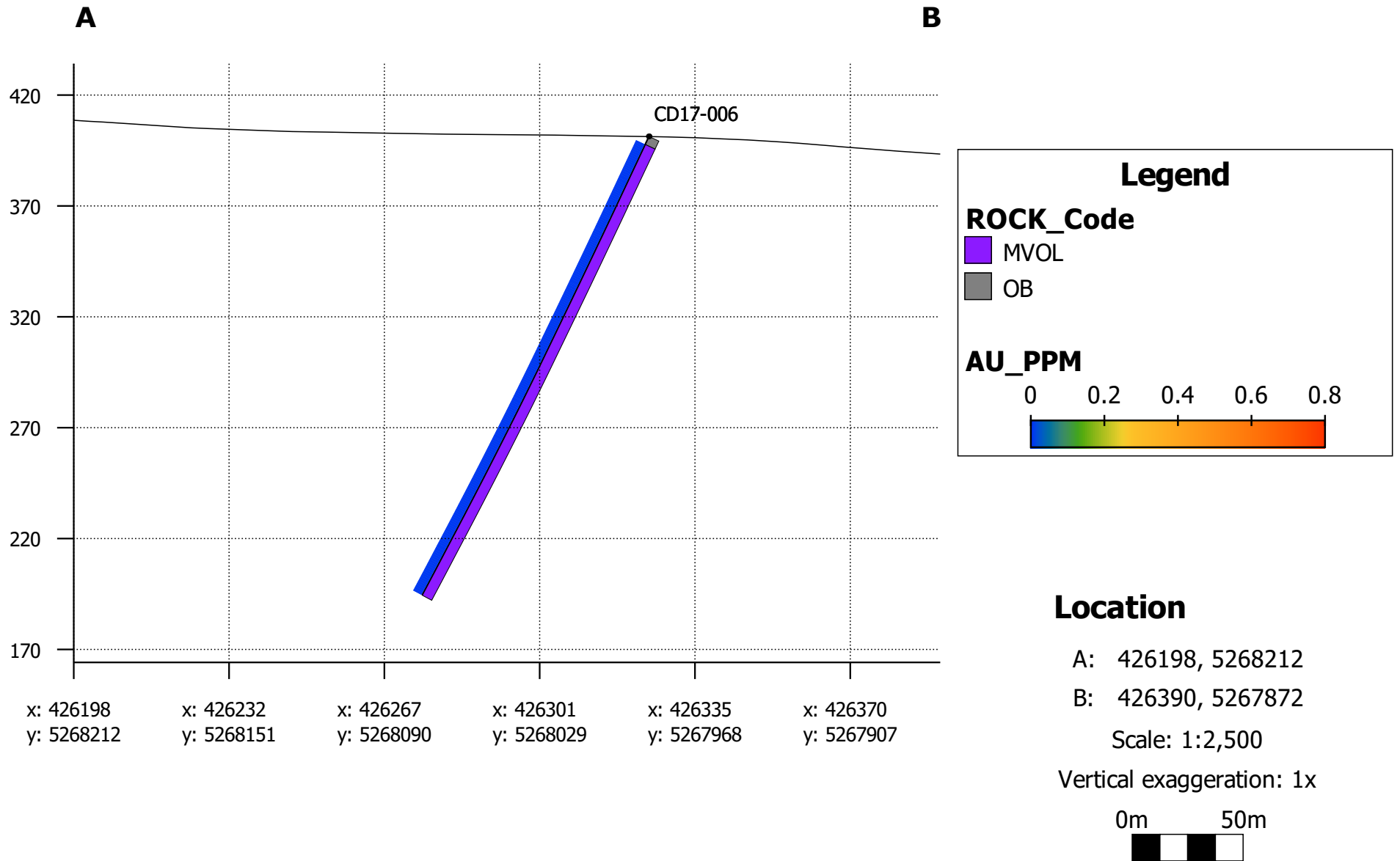
B: 427027, 5267998

Scale: 1:2,000

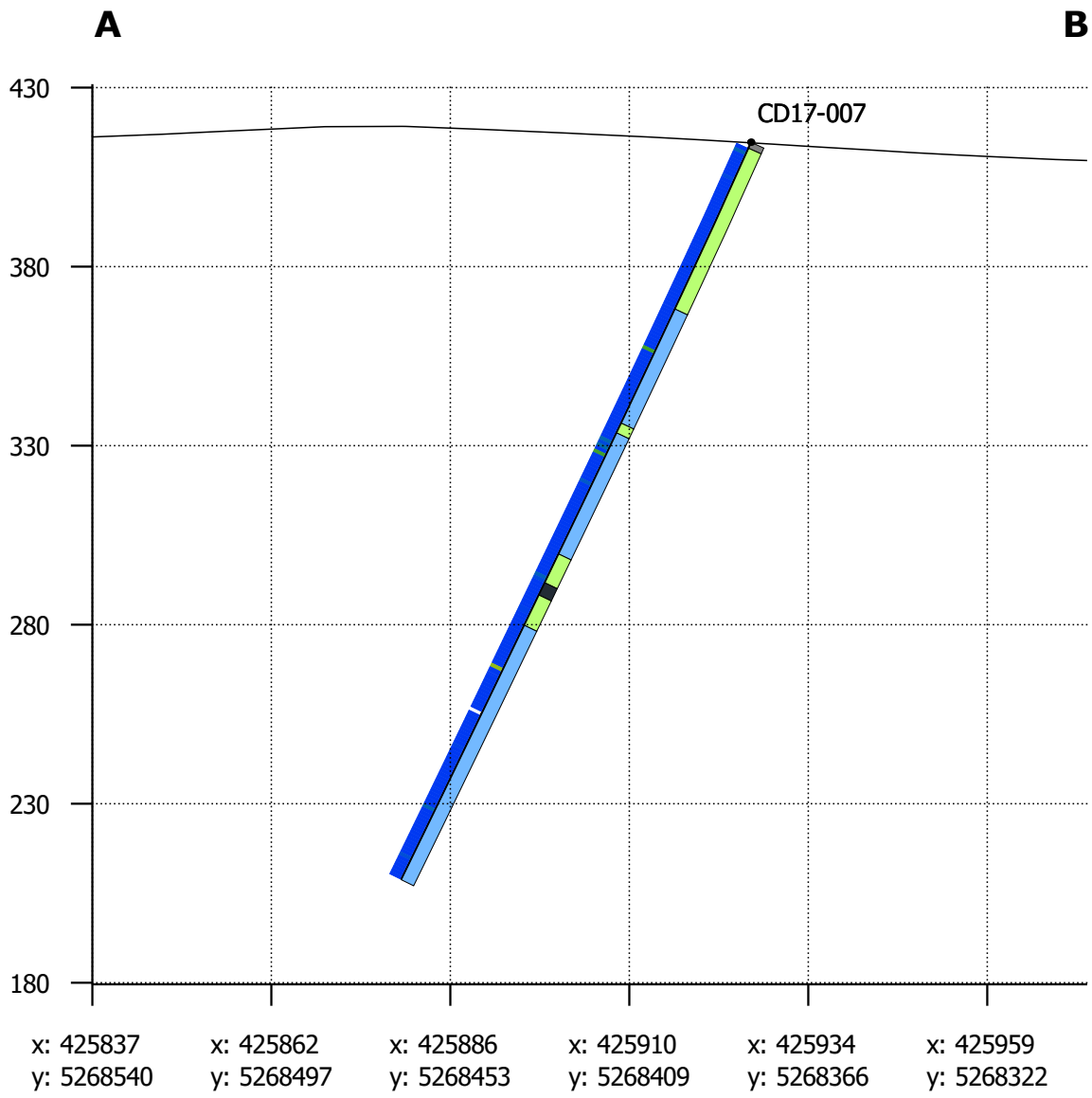
Vertical exaggeration: 1x



CD17-06



CD17-07



Legend

ROCK_Code

- DIA
- FVOL
- IVOL
- OB

AU_PPM

0 0.2 0.4 0.6 0.8

Location

A: 425837, 5268540

B: 425972, 5268297

Scale: 1:2,000

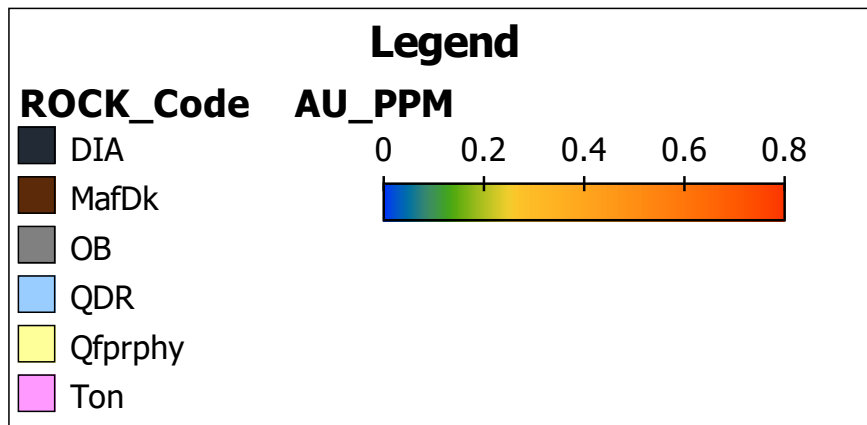
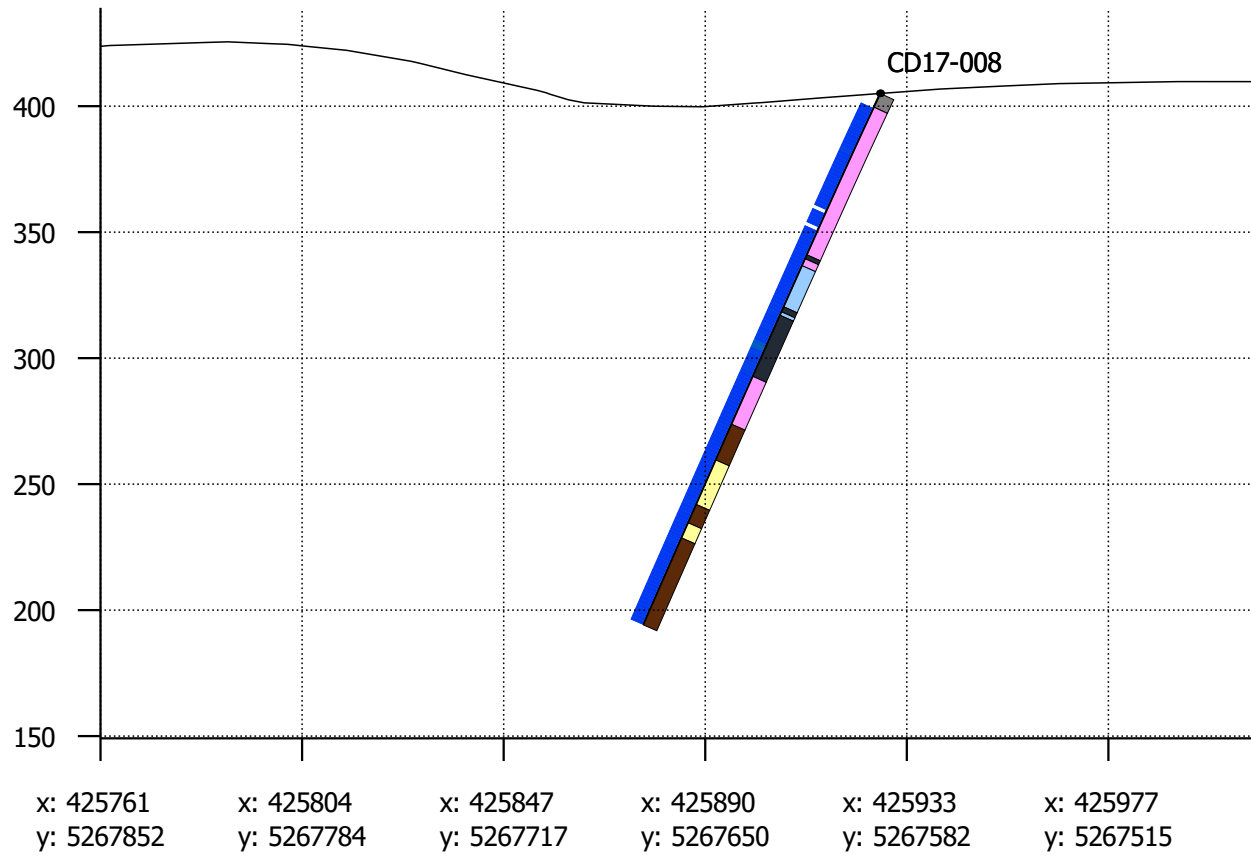
Vertical exaggeration: 1x



CD17-08

A

B



Location

A: 425761, 5267852

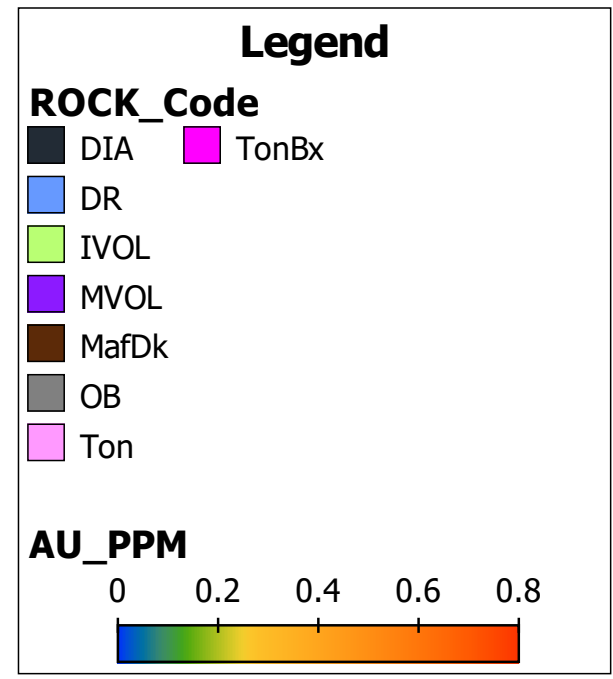
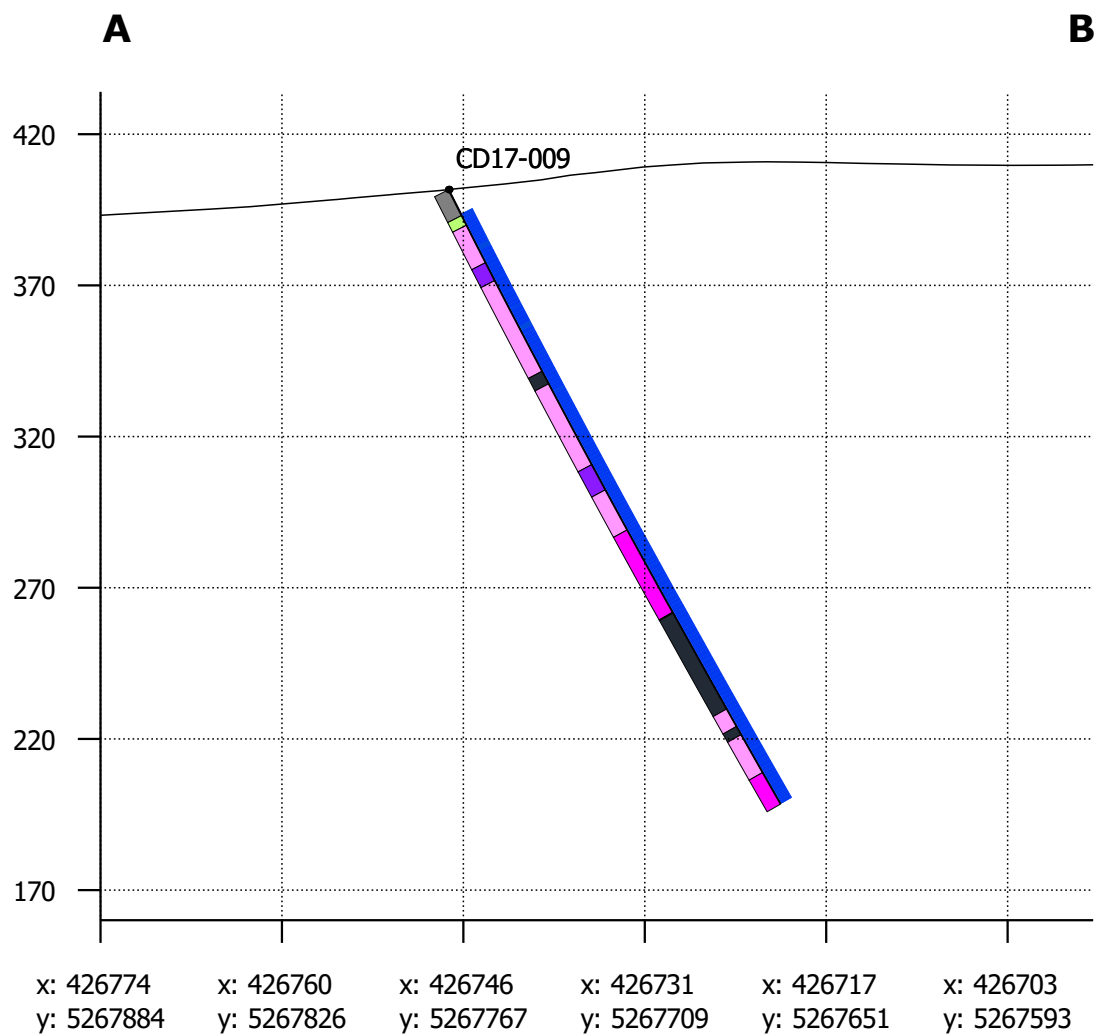
B: 426009, 5267464

Scale: 1:3,000

Vertical exaggeration: 1x



CD17-09



Location

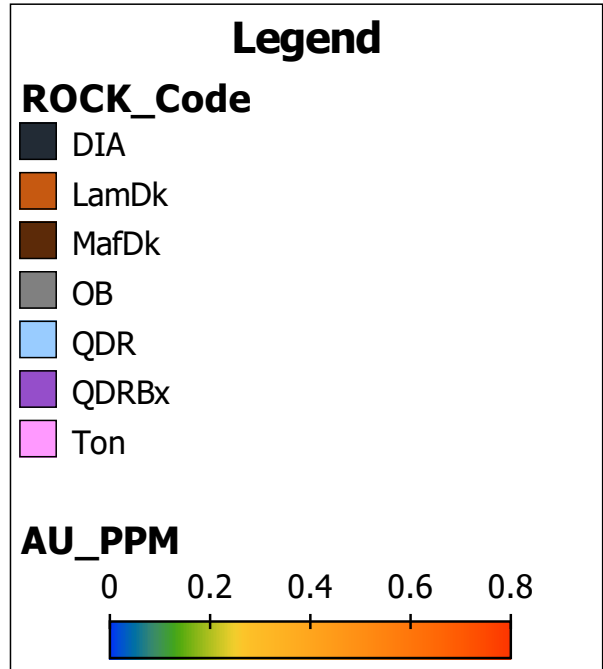
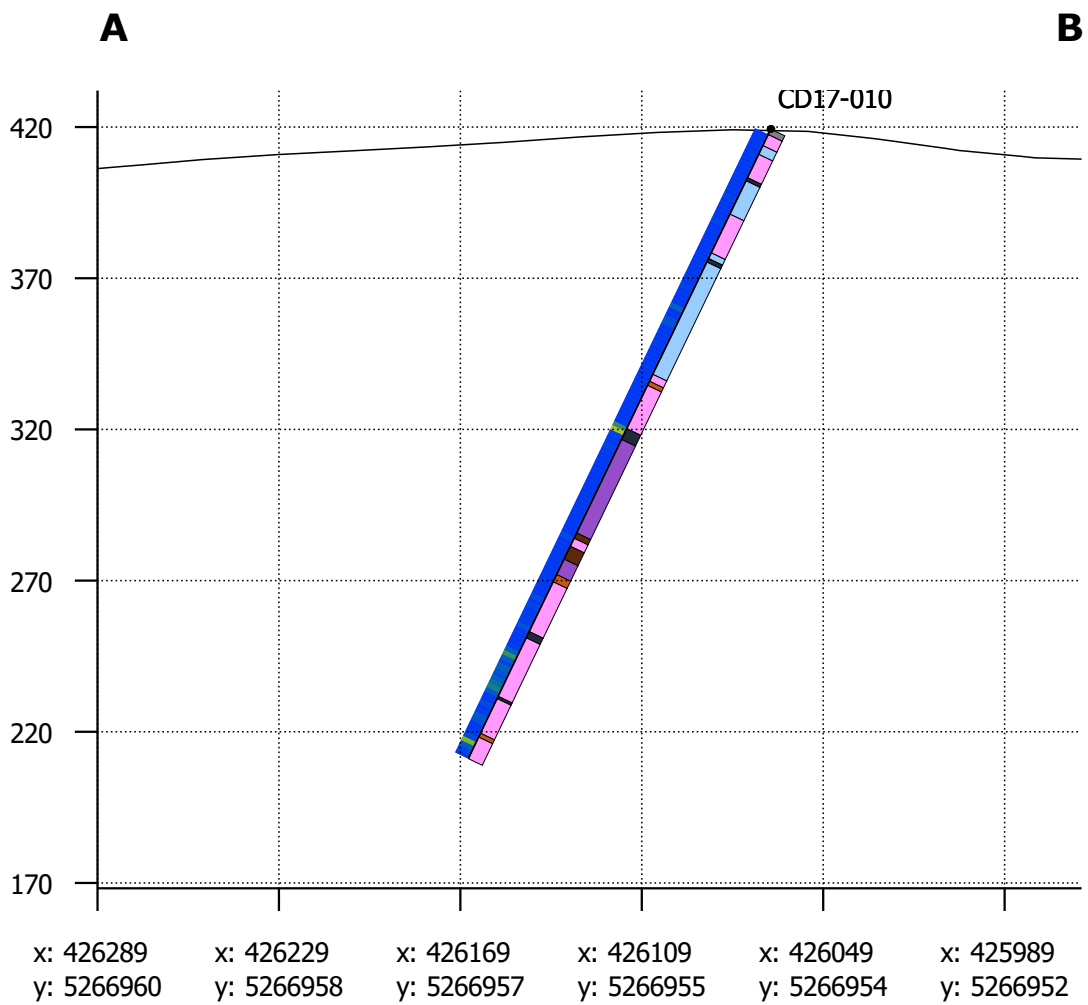
A: 426774, 5267884
B: 426696, 5267565

Scale: 1:2,500

Vertical exaggeration: 1x



CD17-10



Location

A: 426289, 5266960
B: 425964, 5266952

Scale: 1:2,500

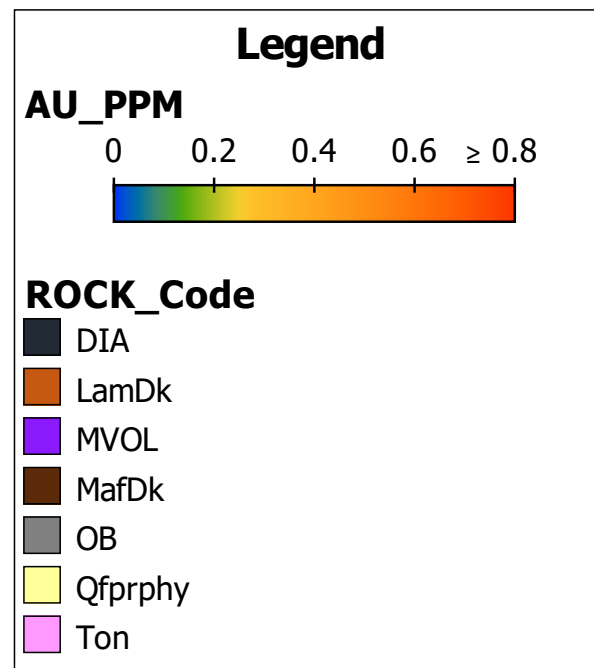
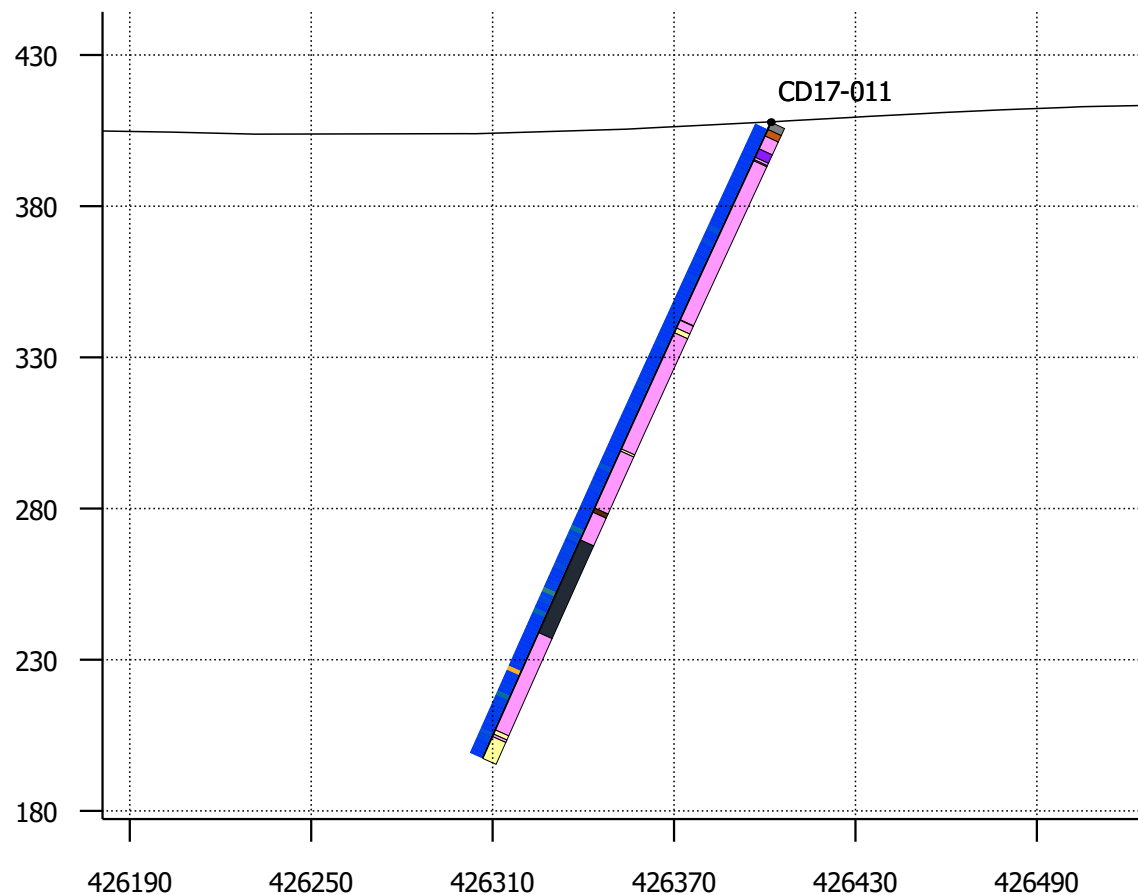
Vertical exaggeration: 1x



CD17-11

W

E



Location

W: 426181, 5267171

E: 426526, 5267171

Scale: 1:2,500

Vertical exaggeration: 1x

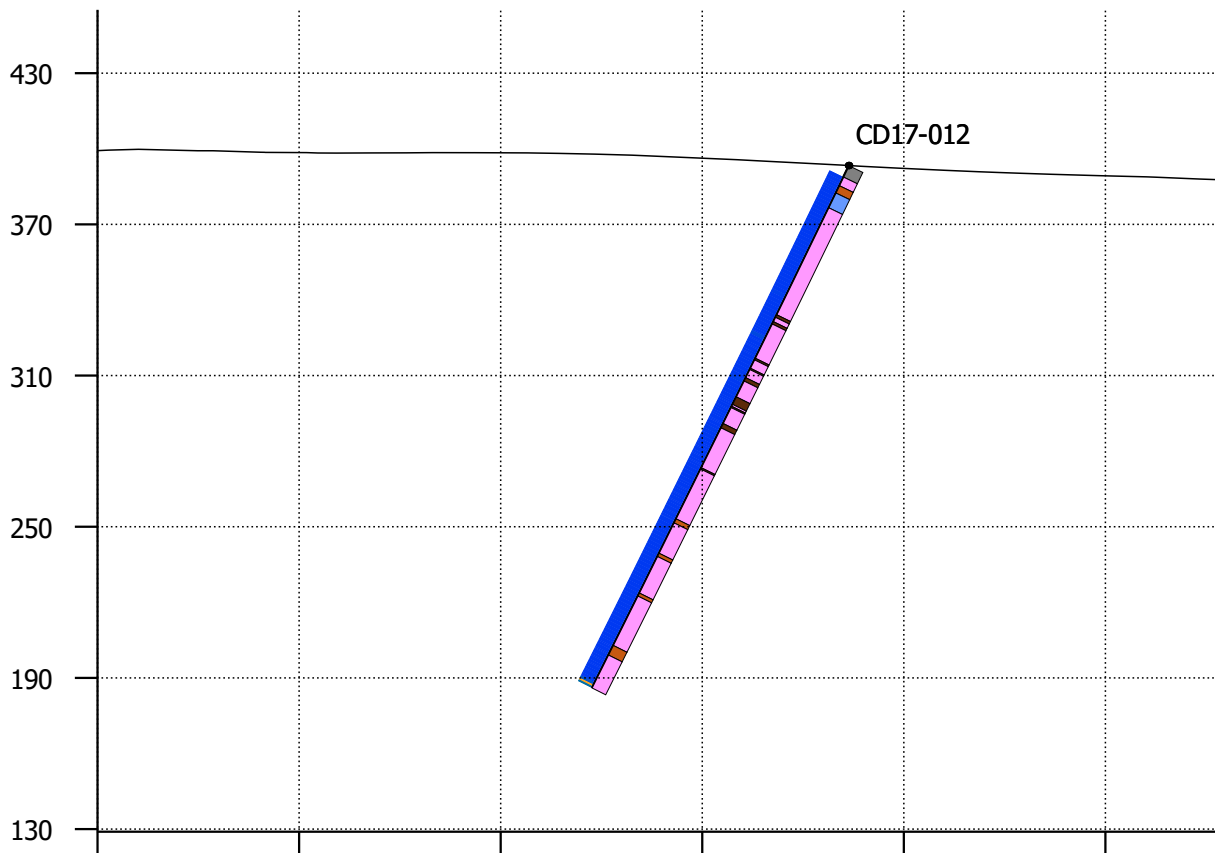
0m 50m



CD17-12

A

B



| | | | | | |
|------------|------------|------------|------------|------------|------------|
| x: 427160 | x: 427184 | x: 427208 | x: 427231 | x: 427255 | x: 427279 |
| y: 5267368 | y: 5267445 | y: 5267521 | y: 5267598 | y: 5267674 | y: 5267750 |

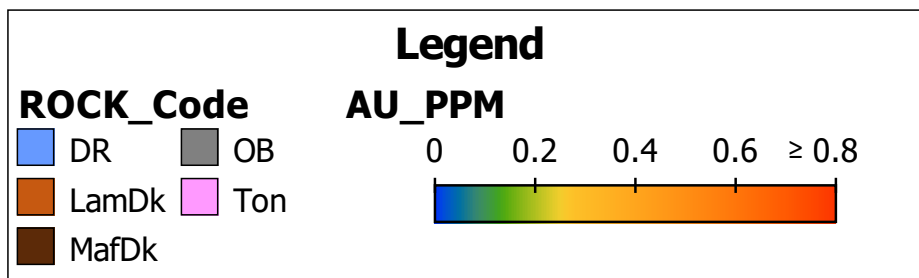
Location

A: 427160, 5267368

B: 427292, 5267793

Scale: 1:3,000

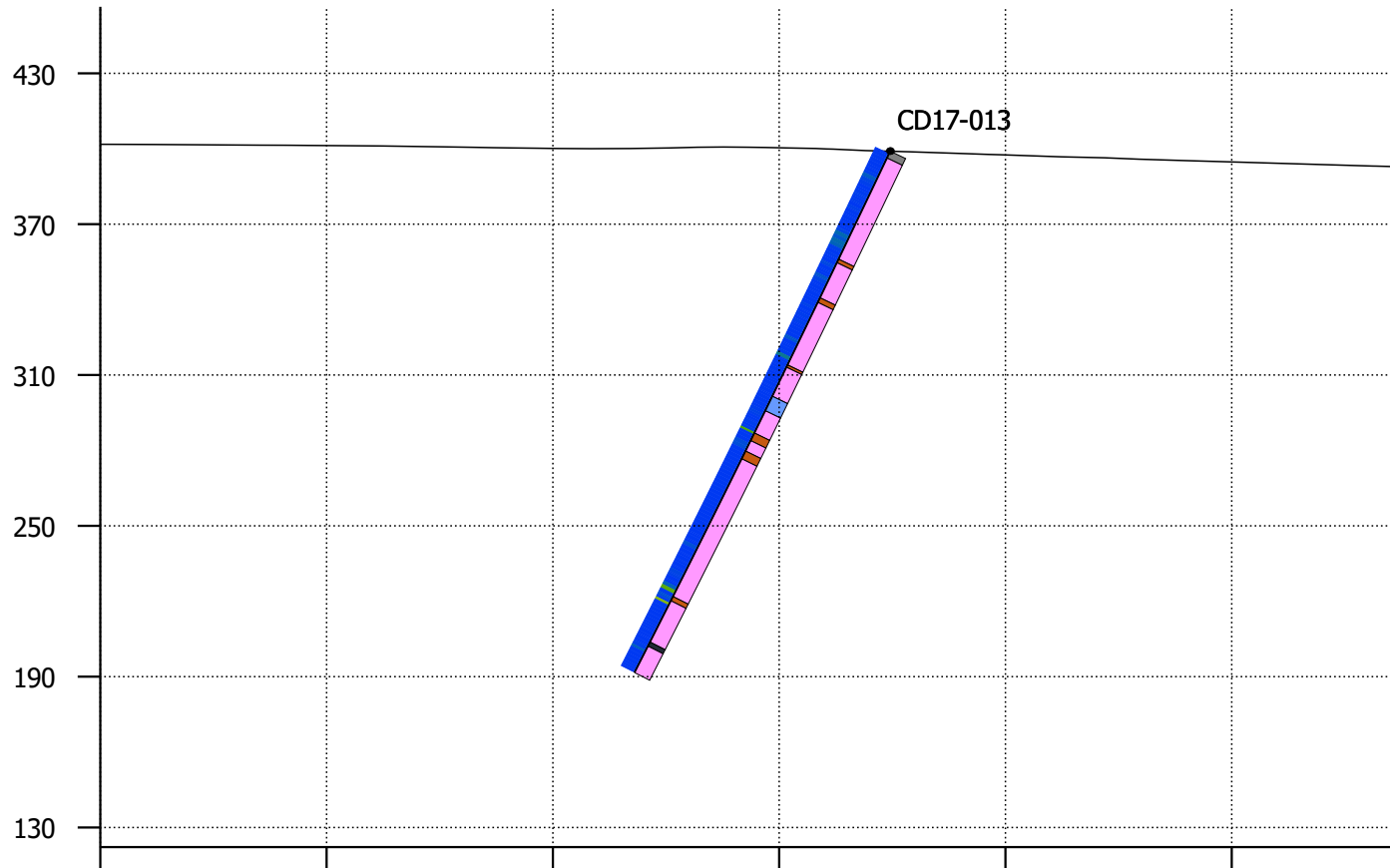
Vertical exaggeration: 1x



CD17-13

A

B



x: 427561
y: 5267079

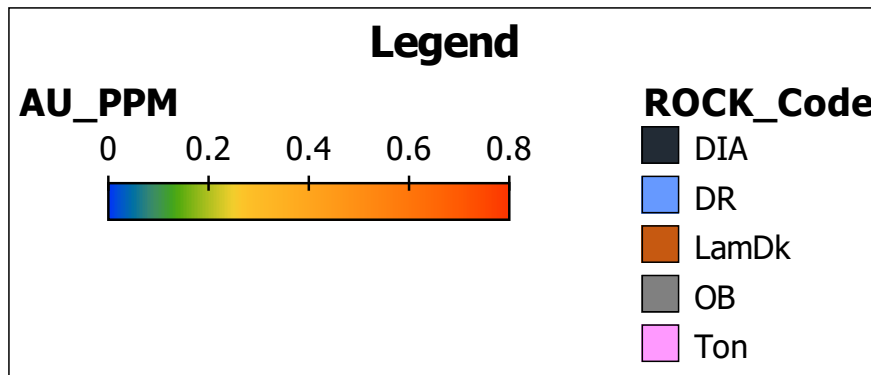
x: 427622
y: 5267145

x: 427683
y: 5267211

x: 427744
y: 5267277

x: 427805
y: 5267344

x: 427866
y: 5267410



Location

A: 427561, 5267079

B: 427913, 5267460

Scale: 1:3,000

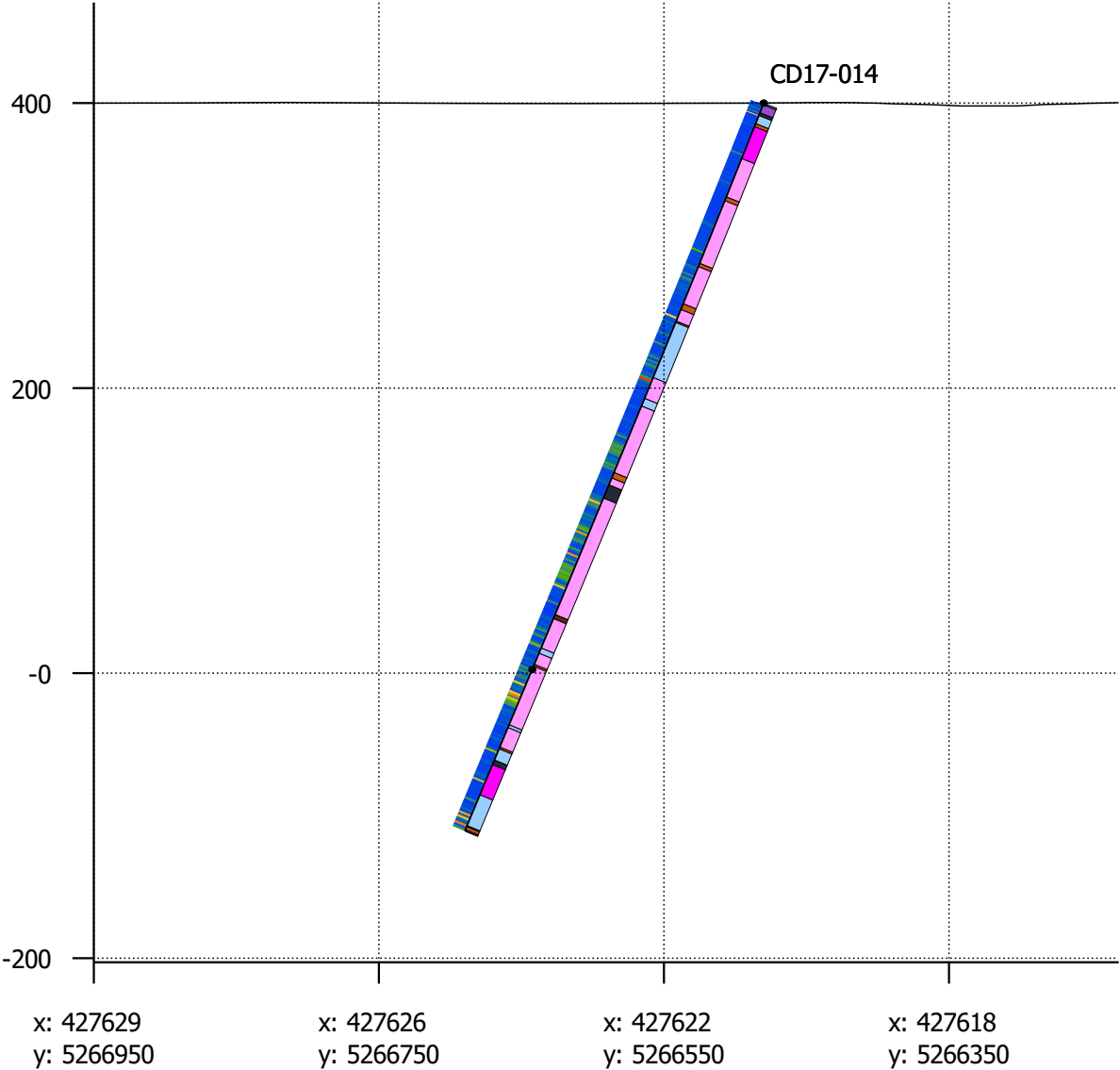
Vertical exaggeration: 1x



CD17-14

A

B



Legend

ROCK_Code

- DIA
- LamDk
- MafDk
- OB
- QDR
- QDRBx
- Ton
- TonBx

AU_PPM

0 0.2 0.4 0.6 ≥ 0.8

Location

A: 427629, 5266950

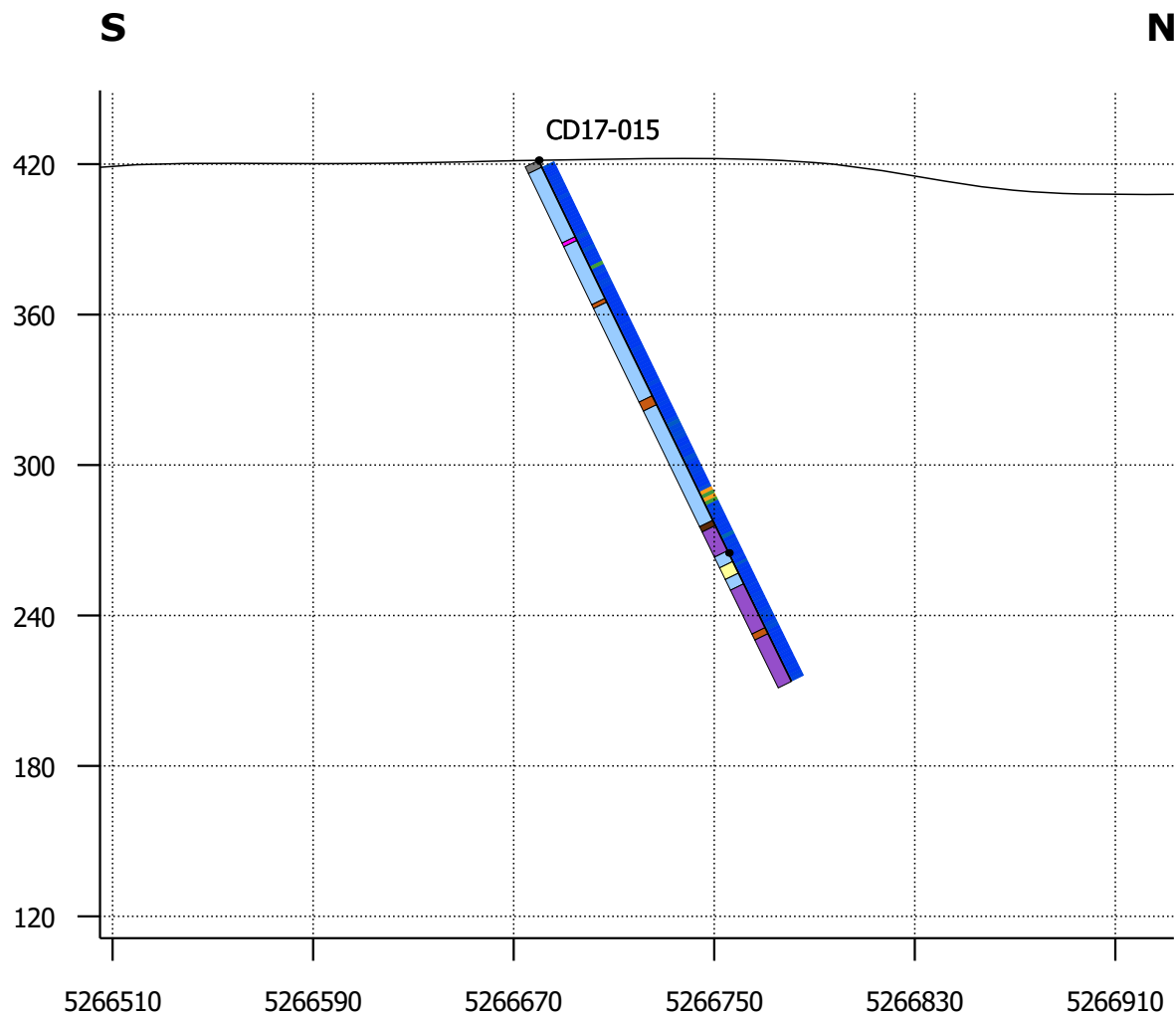
B: 427615, 5266231

Scale: 1:5,000

Vertical exaggeration: 1x



CD17-15



Legend

AU_PPM

0 0.2 0.4 0.6 ≥ 0.8

ROCK_Code

- LamDk
- MafDk
- OB
- QDR
- QDRBx
- Qfprphy
- TonBx

Location

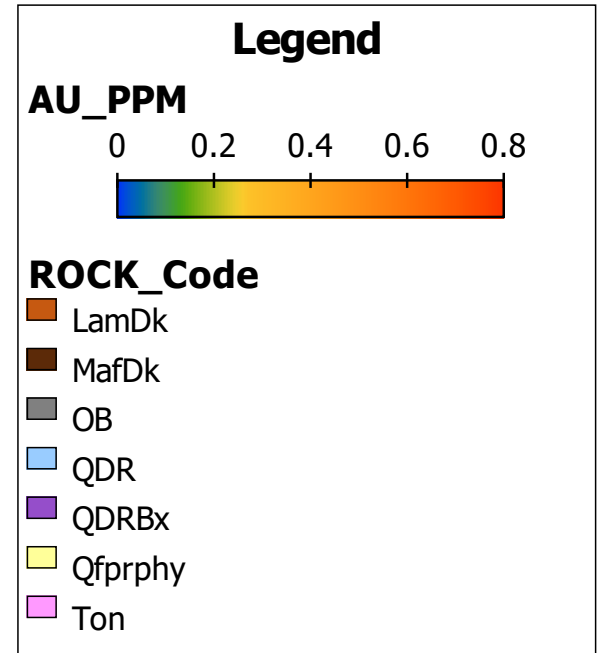
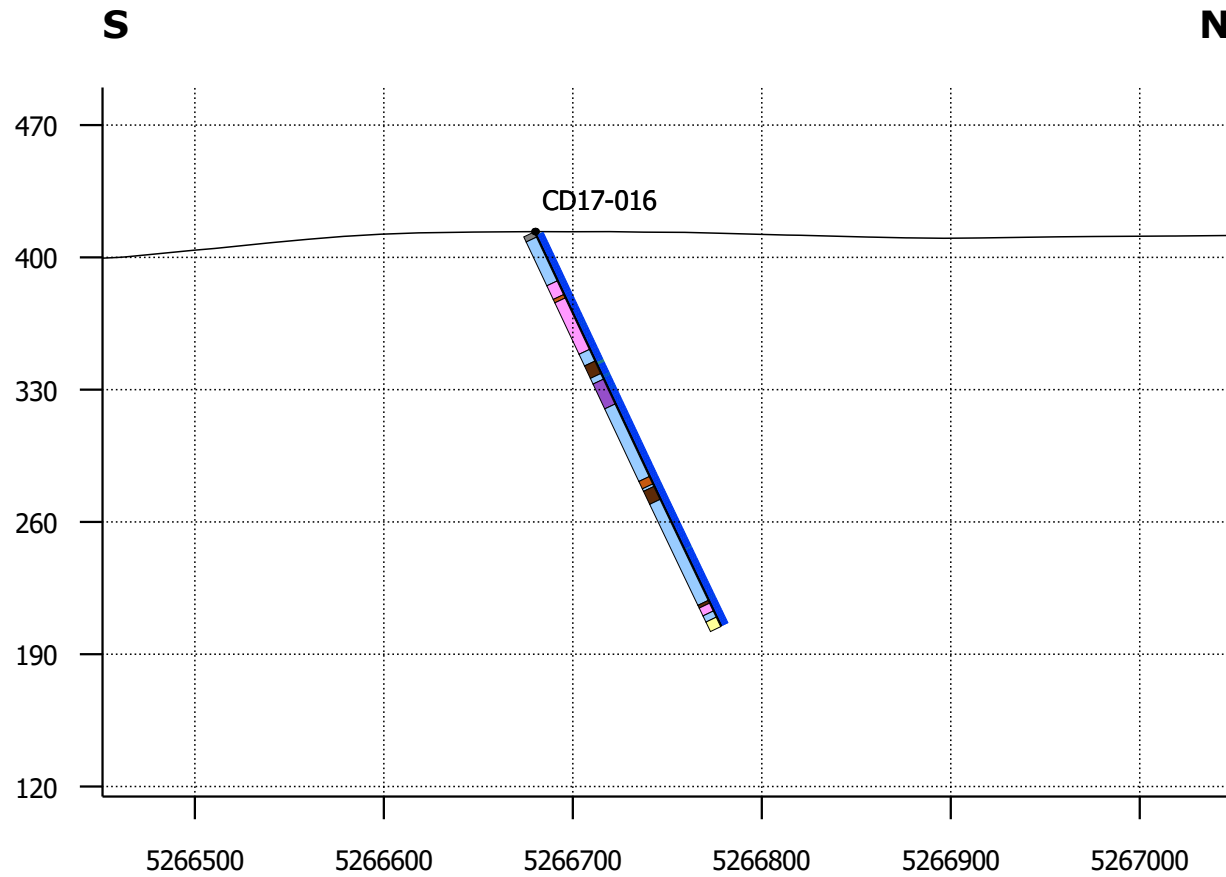
S: 427089, 5266505
N: 427089, 5266933

Scale: 1:3,000

Vertical exaggeration: 1x

0m 100m

CD17-16



Location

S: 426727, 5266451

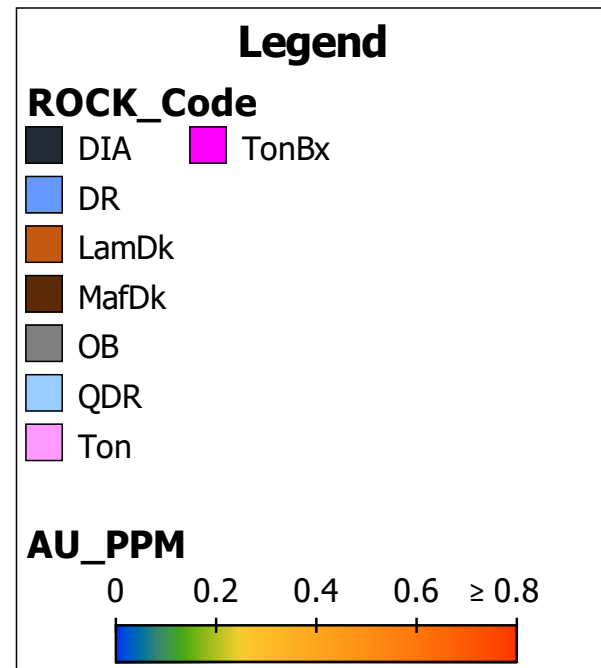
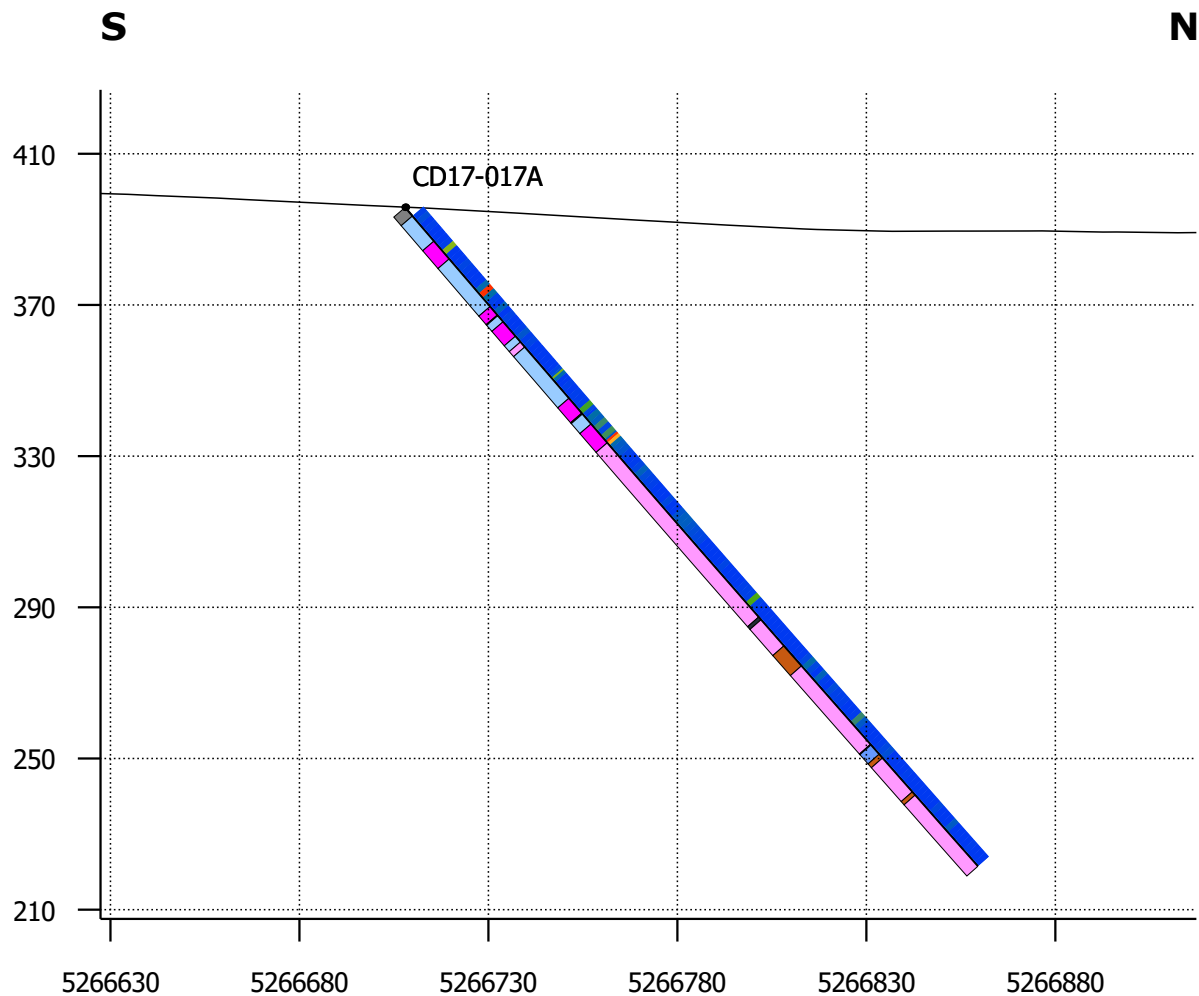
N: 426727, 5267046

Scale: 1:4,000

Vertical exaggeration: 1x



CD17-17A



Location

S: 427834, 5266627

N: 427834, 5266917

Scale: 1:2,000

Vertical exaggeration: 1x



Appendix F

Drill Hole Assay Certificates and QA/QC



Date Submitted: 12-Jan-18
Invoice No.: A18-00373
Invoice Date: 31-Jan-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

173 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)
Code Weight Report in Kg-Tbay Received Weights-Tbay

REPORT **A18-00373**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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

| Analyte Symbol | Au | Received Weight | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|-----------------|--------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Package Code | 1A2-50 | Weight Report in Kg-Tbay | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Unit Symbol | ppb | Kg | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Analysis Method | FA-AA | none | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 765001 | 7 | 2.52 | | | | | | | |
| 765002 | 16 | 3.62 | | | | | | | |
| 765003 | 214 | 0.0675 | | | | | | | |
| 765004 | < 5 | 3.30 | | | | | | | |
| 765005 | 7 | 3.73 | | | | | | | |
| 765006 | < 5 | 4.25 | | | | | | | |
| 765007 | < 5 | 3.95 | | | | | | | |
| 765008 | < 5 | 3.34 | | | | | | | |
| 765009 | 6 | 3.90 | | | | | | | |
| 765010 | 169 | 3.96 | | | | | | | |
| 765011 | < 5 | 3.77 | | | | | | | |
| 765012 | < 5 | 4.16 | | | | | | | |
| 765013 | < 5 | 3.21 | | | | | | | |
| 765014 | 11 | 3.92 | | | | | | | |
| 765015 | < 5 | 0.301 | | | | | | | |
| 765016 | 7 | 3.67 | | | | | | | |
| 765017 | < 5 | 4.03 | | | | | | | |
| 765018 | < 5 | 3.62 | | | | | | | |
| 765019 | < 5 | 2.79 | | | | | | | |
| 765020 | 41 | 3.18 | | | | | | | |
| 765021 | 1130 | 3.20 | | | | | | | |
| 765022 | 45 | 3.44 | | | | | | | |
| 765023 | 8 | 3.95 | | | | | | | |
| 765024 | < 5 | 3.96 | | | | | | | |
| 765025 | 34 | 3.03 | | | | | | | |
| 765026 | < 5 | 3.19 | | | | | | | |
| 765027 | 9 | 3.72 | | | | | | | |
| 765028 | 466 | 0.0679 | | | | | | | |
| 765029 | < 5 | 3.64 | | | | | | | |
| 765030 | < 5 | 3.78 | | | | | | | |
| 765031 | 7 | 4.14 | | | | | | | |
| 765032 | 23 | 3.92 | | | | | | | |
| 765033 | 6 | 4.07 | | | | | | | |
| 765034 | 10 | 4.27 | | | | | | | |
| 765035 | < 5 | 4.03 | | | | | | | |
| 765036 | < 5 | 3.60 | | | | | | | |

| Analyte Symbol | Au | Received Weight | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|-----------------|--------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Package Code | 1A2-50 | Weight Report in Kg-Tbay | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Unit Symbol | ppb | Kg | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Analysis Method | FA-AA | none | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 765037 | < 5 | 3.94 | | | | | | | |
| 765038 | < 5 | 3.78 | | | | | | | |
| 765039 | < 5 | 4.48 | | | | | | | |
| 765040 | < 5 | 0.305 | | | | | | | |
| 765041 | < 5 | 2.68 | | | | | | | |
| 765042 | 10 | 2.67 | | | | | | | |
| 765043 | 23 | 1.44 | | | | | | | |
| 765044 | 160 | 1.06 | | | | | | | |
| 765045 | < 5 | 0.301 | | | | | | | |
| 765046 | 41 | 2.37 | | | | | | | |
| 765047 | < 5 | 2.65 | | | | | | | |
| 765048 | < 5 | 2.56 | | | | | | | |
| 765049 | 7 | 3.84 | | | | | | | |
| 765050 | < 5 | 3.80 | | | | | | | |
| 765051 | 6 | 3.90 | | | | | | | |
| 765052 | 5 | 3.92 | | | | | | | |
| 765053 | 697 | 0.0666 | | | | | | | |
| 765054 | 6 | 3.18 | | | | | | | |
| 765055 | 121 | 3.74 | | | | | | | |
| 765056 | 14 | 2.45 | | | | | | | |
| 765057 | < 5 | 1.68 | | | | | | | |
| 765058 | 45 | 3.90 | | | | | | | |
| 765059 | 29 | 4.10 | | | | | | | |
| 765060 | 83 | 3.66 | | | | | | | |
| 765061 | 11 | 3.97 | | | | | | | |
| 765062 | 94 | 3.87 | | | | | | | |
| 765063 | 27 | 1.20 | | | | | | | |
| 765064 | > 5000 | 1.25 | 197 | 1.10 | 1.29 | 13.4 | 23.95 | 360.63 | 384.58 |
| 765065 | < 5 | 0.303 | | | | | | | |
| 765066 | 363 | 2.54 | | | | | | | |
| 765067 | 41 | 2.60 | | | | | | | |
| 765068 | 28 | 4.26 | | | | | | | |
| 765069 | 21 | 3.57 | | | | | | | |
| 765070 | 9 | 3.32 | | | | | | | |
| 765071 | < 5 | 3.50 | | | | | | | |
| 765072 | 5 | 3.97 | | | | | | | |

| Analyte Symbol | Au | Received Weight | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|-----------------|--------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Package Code | 1A2-50 | Weight Report in Kg-Tbay | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Unit Symbol | ppb | Kg | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Analysis Method | FA-AA | none | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 765073 | 11 | 4.14 | | | | | | | |
| 765074 | 33 | 3.44 | | | | | | | |
| 765075 | 15 | 3.08 | | | | | | | |
| 765076 | 9 | 3.56 | | | | | | | |
| 765077 | 7 | 3.65 | | | | | | | |
| 765078 | 1540 | 0.0645 | | | | | | | |
| 765079 | < 5 | 3.91 | | | | | | | |
| 765080 | < 5 | 3.42 | | | | | | | |
| 765081 | < 5 | 3.34 | | | | | | | |
| 765082 | 13 | 3.20 | | | | | | | |
| 765083 | < 5 | 3.96 | | | | | | | |
| 765084 | < 5 | 3.65 | | | | | | | |
| 765085 | 22 | 3.51 | | | | | | | |
| 765086 | 30 | 3.90 | | | | | | | |
| 765087 | 30 | 3.77 | | | | | | | |
| 765088 | 23 | 4.11 | | | | | | | |
| 765089 | 16 | 3.25 | | | | | | | |
| 765090 | < 5 | 0.300 | | | | | | | |
| 765091 | 12 | 3.94 | | | | | | | |
| 765092 | 11 | 3.67 | | | | | | | |
| 765093 | < 5 | 3.85 | | | | | | | |
| 765094 | < 5 | 3.81 | | | | | | | |
| 765095 | < 5 | 3.73 | | | | | | | |
| 765096 | < 5 | 3.74 | | | | | | | |
| 765097 | < 5 | 3.36 | | | | | | | |
| 765098 | 10 | 3.46 | | | | | | | |
| 765099 | < 5 | 3.30 | | | | | | | |
| 765100 | < 5 | 4.18 | | | | | | | |
| 765101 | < 5 | 3.82 | | | | | | | |
| 765102 | < 5 | 3.79 | | | | | | | |
| 765103 | 214 | 0.0642 | | | | | | | |
| 765104 | 7 | 4.04 | | | | | | | |
| 765105 | 8 | 3.81 | | | | | | | |
| 765106 | 8 | 4.09 | | | | | | | |
| 765107 | 133 | 3.98 | | | | | | | |
| 765108 | 9 | 3.86 | | | | | | | |

| Analyte Symbol | Au | Received Weight | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|-----------------|--------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Package Code | 1A2-50 | Weight Report in Kg-Tbay | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Unit Symbol | ppb | Kg | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Analysis Method | FA-AA | none | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 765109 | < 5 | 2.94 | | | | | | | |
| 765110 | < 5 | 4.47 | | | | | | | |
| 765111 | < 5 | 3.48 | | | | | | | |
| 765112 | < 5 | 3.84 | | | | | | | |
| 765113 | < 5 | 3.48 | | | | | | | |
| 765114 | < 5 | 3.70 | | | | | | | |
| 765115 | < 5 | 0.305 | | | | | | | |
| 765116 | < 5 | 3.50 | | | | | | | |
| 765117 | < 5 | 3.44 | | | | | | | |
| 765118 | < 5 | 3.82 | | | | | | | |
| 765119 | < 5 | 4.47 | | | | | | | |
| 765120 | < 5 | 4.62 | | | | | | | |
| 765121 | < 5 | 4.57 | | | | | | | |
| 765122 | 12 | 3.86 | | | | | | | |
| 765123 | 43 | 3.38 | | | | | | | |
| 765124 | 13 | 3.06 | | | | | | | |
| 765125 | < 5 | 3.67 | | | | | | | |
| 765126 | 35 | 3.86 | | | | | | | |
| 765127 | 6 | 3.59 | | | | | | | |
| 765128 | 472 | 0.0651 | | | | | | | |
| 765129 | < 5 | 3.53 | | | | | | | |
| 765130 | 16 | 3.76 | | | | | | | |
| 765131 | 8 | 3.68 | | | | | | | |
| 765132 | 7 | 3.84 | | | | | | | |
| 765133 | 7 | 3.49 | | | | | | | |
| 765134 | < 5 | 3.56 | | | | | | | |
| 765135 | < 5 | 3.57 | | | | | | | |
| 765136 | 5 | 3.74 | | | | | | | |
| 765137 | 81 | 3.81 | | | | | | | |
| 765138 | 26 | 2.94 | | | | | | | |
| 765139 | 8 | 3.60 | | | | | | | |
| 765140 | < 5 | 0.299 | | | | | | | |
| 765141 | < 5 | 3.70 | | | | | | | |
| 765142 | < 5 | 3.39 | | | | | | | |
| 765143 | < 5 | 4.35 | | | | | | | |
| 765144 | 6 | 3.74 | | | | | | | |

| Analyte Symbol | Au | Received Weight | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight |
|-----------------|--------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Package Code | 1A2-50 | Weight Report in Kg-Tbay | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| Unit Symbol | ppb | Kg | g/mt | g/mt | g/mt | g/mt | g | g | g |
| Analysis Method | FA-AA | none | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT | FA-MeT |
| 765145 | 12 | 3.39 | | | | | | | |
| 765146 | 18 | 3.81 | | | | | | | |
| 765147 | < 5 | 3.81 | | | | | | | |
| 765148 | < 5 | 3.59 | | | | | | | |
| 765149 | < 5 | 3.49 | | | | | | | |
| 765150 | < 5 | 3.72 | | | | | | | |
| 765151 | 6 | 3.74 | | | | | | | |
| 765152 | < 5 | 3.41 | | | | | | | |
| 765153 | 671 | 0.0650 | | | | | | | |
| 765154 | < 5 | 4.28 | | | | | | | |
| 765155 | < 5 | 3.76 | | | | | | | |
| 765156 | < 5 | 3.80 | | | | | | | |
| 765157 | < 5 | 3.56 | | | | | | | |
| 765158 | < 5 | 3.69 | | | | | | | |
| 765159 | < 5 | 3.44 | | | | | | | |
| 765160 | 13 | 3.74 | | | | | | | |
| 765161 | < 5 | 3.31 | | | | | | | |
| 765162 | < 5 | 3.52 | | | | | | | |
| 765163 | < 5 | 4.05 | | | | | | | |
| 765164 | 28 | 3.25 | | | | | | | |
| 765165 | < 5 | 0.300 | | | | | | | |
| 765166 | < 5 | 3.23 | | | | | | | |
| 765167 | < 5 | 3.67 | | | | | | | |
| 765168 | < 5 | 2.75 | | | | | | | |
| 765169 | < 5 | 4.33 | | | | | | | |
| 765170 | 6 | 3.66 | | | | | | | |
| 765171 | < 5 | 3.97 | | | | | | | |
| 765172 | < 5 | 3.71 | | | | | | | |
| 765173 | < 5 | 3.57 | | | | | | | |

| Analyte Symbol | Au | Total Au | Total Weight |
|-----------------------------|---------|--------------------|--------------------|
| Package Code | 1A2-50 | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | 0.03 | |
| Unit Symbol | ppb | g/mt | g |
| Analysis Method | FA-AA | FA-MeT | FA-MeT |
| OREAS 216 (Fire Assay) Meas | | 6.82 | |
| OREAS 216 (Fire Assay) Cert | | 6.66 | |
| OREAS 218 Meas | 515 | | |
| OREAS 218 Cert | 531 | | |
| OREAS 218 Meas | 532 | | |
| OREAS 218 Cert | 531 | | |
| OREAS 218 Meas | 518 | | |
| OREAS 218 Cert | 531 | | |
| OREAS 218 Meas | 537 | | |
| OREAS 218 Cert | 531 | | |
| OREAS 218 Meas | 514 | | |
| OREAS 218 Cert | 531 | | |
| OREAS 224 Meas | 2090 | | |
| OREAS 224 Cert | 2150.00 | | |
| OREAS 224 Meas | 2080 | | |
| OREAS 224 Cert | 2150.00 | | |
| OREAS 224 Meas | 2120 | | |
| OREAS 224 Cert | 2150.00 | | |
| OREAS 224 Meas | 2140 | | |
| OREAS 224 Cert | 2150.00 | | |
| OREAS 224 Meas | 2120 | | |
| OREAS 224 Cert | 2150.00 | | |
| 765010 Orig | 169 | | |
| 765010 Dup | 166 | | |
| 765020 Orig | 41 | | |
| 765020 Dup | 43 | | |
| 765030 Orig | < 5 | | |
| 765030 Dup | < 5 | | |
| 765046 Orig | 41 | | |
| 765046 Dup | 48 | | |
| 765050 Split Orig | < 5 | | |
| 765050 Split | < 5 | | |
| 765055 Orig | 121 | | |

| Analyte Symbol | Au | Total Au | Total Weight |
|-------------------|--------|--------------------|--------------------|
| Package Code | 1A2-50 | 1A4-1000 (100mesh) | 1A4-1000 (100mesh) |
| Detection Limit | 5 | 0.03 | |
| Unit Symbol | ppb | g/mt | g |
| Analysis Method | FA-AA | FA-MeT | FA-MeT |
| 765055 Dup | 126 | | |
| 765064 Orig | > 5000 | 13.4 | 384.58 |
| 765064 Dup | > 5000 | | |
| 765079 Orig | < 5 | | |
| 765079 Dup | < 5 | | |
| 765089 Orig | 16 | | |
| 765089 Dup | 7 | | |
| 765099 Orig | < 5 | | |
| 765099 Dup | < 5 | | |
| 765100 Split | < 5 | | |
| 765100 Split Orig | < 5 | | |
| 765113 Orig | < 5 | | |
| 765113 Dup | < 5 | | |
| 765123 Orig | 43 | | |
| 765123 Dup | 42 | | |
| 765133 Orig | 7 | | |
| 765133 Dup | 48 | | |
| 765148 Orig | < 5 | | |
| 765148 Dup | < 5 | | |
| 765150 Split Orig | < 5 | | |
| 765150 Split | < 5 | | |
| 765158 Orig | < 5 | | |
| 765158 Dup | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | < 5 | | |
| Method Blank | | < 0.03 | 0.00000 |



Date Submitted: 18-Jan-18
Invoice No.: A18-00585
Invoice Date: 02-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

407 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)
Code Weight Report in Kg-Tbay Received Weights-Tbay

REPORT **A18-00585**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456036 | < 5 | 1.79 |
| 456037 | 13 | 2.29 |
| 456038 | 6 | 4.30 |
| 456039 | 51 | 4.44 |
| 456040 | < 5 | 0.299 |
| 456041 | < 5 | 1.93 |
| 456042 | 76 | 3.03 |
| 456043 | 5 | 3.58 |
| 456044 | 278 | 1.59 |
| 456045 | < 5 | 3.89 |
| 456046 | 5 | 3.61 |
| 456047 | 5 | 3.98 |
| 456048 | 7 | 3.92 |
| 456049 | 9 | 2.08 |
| 456050 | 14 | 1.93 |
| 456051 | 10 | 3.26 |
| 456052 | < 5 | 3.81 |
| 456053 | 709 | 0.0640 |
| 456054 | 5 | 3.89 |
| 456055 | < 5 | 3.65 |
| 456056 | < 5 | 3.45 |
| 456057 | 6 | 3.51 |
| 456058 | < 5 | 3.84 |
| 456059 | < 5 | 4.44 |
| 456060 | 5 | 4.45 |
| 456061 | < 5 | 4.07 |
| 456062 | < 5 | 3.50 |
| 456063 | 6 | 4.22 |
| 456064 | 6 | 3.44 |
| 456065 | < 5 | 0.306 |
| 456066 | < 5 | 3.91 |
| 456067 | 66 | 3.46 |
| 456068 | 15 | 3.71 |
| 456069 | < 5 | 3.48 |
| 456070 | 6 | 3.62 |
| 456071 | 10 | 3.47 |
| 456072 | 6 | 3.64 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456073 | 6 | 3.56 |
| 456074 | 10 | 3.63 |
| 456075 | 5 | 3.78 |
| 456076 | < 5 | 3.60 |
| 456077 | 10 | 3.75 |
| 456078 | 1500 | 0.0660 |
| 456079 | 7 | 3.50 |
| 456080 | < 5 | 1.24 |
| 456081 | 13 | 3.94 |
| 456082 | 6 | 3.63 |
| 456083 | 13 | 2.96 |
| 456084 | 43 | 2.45 |
| 456085 | 8 | 3.51 |
| 456086 | 10 | 2.57 |
| 456087 | 7 | 2.29 |
| 456088 | 6 | 2.21 |
| 456089 | 9 | 2.50 |
| 456090 | < 5 | 0.297 |
| 456091 | < 5 | 3.74 |
| 456092 | 6 | 2.99 |
| 456093 | 7 | 3.00 |
| 456094 | 6 | 3.95 |
| 456095 | 6 | 3.74 |
| 456096 | < 5 | 3.55 |
| 456097 | 7 | 3.40 |
| 456098 | 6 | 3.63 |
| 456099 | 5 | 3.65 |
| 456100 | 5 | 3.61 |
| 456101 | < 5 | 3.88 |
| 456102 | < 5 | 3.45 |
| 456103 | 219 | 0.0650 |
| 456104 | < 5 | 3.45 |
| 456105 | 11 | 4.02 |
| 456106 | 7 | 3.50 |
| 456107 | 8 | 3.20 |
| 456108 | 25 | 4.05 |
| 456109 | 39 | 3.89 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456110 | 8 | 3.71 |
| 456111 | 7 | 3.56 |
| 456112 | 17 | 2.95 |
| 456113 | 9 | 3.55 |
| 456114 | 9 | 4.27 |
| 456115 | 5 | 0.296 |
| 456116 | 11 | 3.68 |
| 456117 | 11 | 3.44 |
| 456118 | 12 | 3.63 |
| 456119 | 13 | 3.02 |
| 456120 | 17 | 3.82 |
| 456121 | 13 | 3.97 |
| 456122 | 17 | 3.90 |
| 456123 | 133 | 3.88 |
| 456124 | 10 | 4.01 |
| 456125 | 18 | 3.78 |
| 456126 | 9 | 3.61 |
| 456127 | 13 | 3.68 |
| 456128 | 504 | 0.0650 |
| 456129 | 14 | 4.08 |
| 456130 | 6 | 4.12 |
| 456131 | 11 | 3.82 |
| 456132 | 60 | 3.82 |
| 456133 | 28 | 3.68 |
| 456134 | 14 | 3.73 |
| 456135 | 10 | 3.87 |
| 456136 | 76 | 3.71 |
| 456137 | 12 | 4.01 |
| 456138 | 79 | 4.10 |
| 456139 | 50 | 3.42 |
| 456140 | < 5 | 0.295 |
| 456141 | 6 | 3.52 |
| 456142 | 26 | 3.49 |
| 456143 | 25 | 3.57 |
| 456144 | 32 | 3.54 |
| 456145 | 17 | 3.99 |
| 456146 | 13 | 3.43 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456147 | 25 | 4.05 |
| 456148 | 9 | 2.79 |
| 456149 | 18 | 3.77 |
| 456150 | 16 | 3.83 |
| 456151 | 7 | 3.27 |
| 456152 | 11 | 4.08 |
| 456153 | 690 | 0.0650 |
| 456154 | 13 | 4.13 |
| 456155 | 21 | 3.46 |
| 456156 | 8 | 3.72 |
| 456157 | 7 | 3.93 |
| 456158 | 10 | 3.71 |
| 456159 | 238 | 3.70 |
| 456160 | 20 | 3.76 |
| 456161 | 11 | 3.61 |
| 456162 | 38 | 4.07 |
| 456163 | 14 | 4.12 |
| 456164 | 18 | 4.12 |
| 456165 | 5 | 0.298 |
| 456166 | 26 | 3.97 |
| 456167 | 12 | 4.28 |
| 456168 | 14 | 4.02 |
| 456169 | 62 | 4.08 |
| 456170 | 14 | 4.47 |
| 456171 | 8 | 4.27 |
| 456172 | 17 | 4.18 |
| 456173 | 9 | 4.23 |
| 456174 | 85 | 3.89 |
| 456175 | 12 | 3.36 |
| 456176 | 8 | 4.01 |
| 456177 | 9 | 4.42 |
| 456178 | 1600 | 0.0650 |
| 456179 | 7 | 4.46 |
| 456180 | 12 | 4.25 |
| 456181 | 38 | 3.73 |
| 456182 | 73 | 3.91 |
| 456183 | 8 | 4.01 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456184 | 73 | 3.95 |
| 456185 | 35 | 4.36 |
| 456186 | 84 | 4.19 |
| 456187 | 48 | 4.10 |
| 456188 | 6 | 3.78 |
| 456189 | 7 | 4.31 |
| 456190 | 6 | 0.296 |
| 456191 | 42 | 3.66 |
| 456192 | 21 | 3.98 |
| 456193 | 100 | 3.82 |
| 456194 | 870 | 4.19 |
| 456195 | 52 | 3.92 |
| 456196 | 14 | 4.06 |
| 456197 | 28 | 4.00 |
| 456198 | 9 | 3.95 |
| 456199 | 6 | 3.72 |
| 456200 | 18 | 4.26 |
| 456201 | 6 | 3.73 |
| 456202 | 11 | 4.06 |
| 456203 | 221 | 0.0650 |
| 456204 | 16 | 4.00 |
| 456205 | 8 | 4.04 |
| 456206 | 6 | 3.90 |
| 456207 | 6 | 3.80 |
| 456208 | 5 | 3.73 |
| 456209 | 29 | 3.76 |
| 456210 | 8 | 3.95 |
| 456211 | 5 | 3.97 |
| 456212 | < 5 | 4.72 |
| 456213 | 9 | 4.34 |
| 456214 | 11 | 3.63 |
| 456215 | 5 | 0.297 |
| 456216 | 12 | 3.78 |
| 456217 | 24 | 3.75 |
| 456218 | 7 | 3.76 |
| 456219 | 12 | 3.77 |
| 456220 | 16 | 3.76 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456221 | 7 | 3.58 |
| 456222 | 7 | 3.99 |
| 456223 | 6 | 3.47 |
| 456224 | 30 | 3.90 |
| 456225 | 88 | 4.04 |
| 456226 | 6 | 3.54 |
| 456227 | 19 | 3.71 |
| 456228 | 487 | 0.0640 |
| 456229 | 48 | 3.83 |
| 456230 | 78 | 3.79 |
| 456231 | 116 | 3.99 |
| 456232 | 85 | 3.53 |
| 456233 | 116 | 3.89 |
| 456234 | 105 | 3.99 |
| 456235 | 75 | 3.88 |
| 456236 | 10 | 3.53 |
| 456237 | 44 | 3.47 |
| 456238 | 46 | 4.06 |
| 456239 | 42 | 3.70 |
| 456240 | 5 | 0.297 |
| 456241 | 111 | 3.64 |
| 456242 | 68 | 3.71 |
| 456243 | 81 | 4.45 |
| 456244 | 14 | 3.91 |
| 456245 | 6 | 4.29 |
| 456246 | 13 | 3.78 |
| 456247 | 14 | 3.95 |
| 456248 | 18 | 3.80 |
| 456249 | 26 | 3.79 |
| 456250 | 44 | 4.29 |
| 456251 | 10 | 3.79 |
| 456252 | 10 | 4.22 |
| 456253 | 680 | 0.0650 |
| 456254 | 10 | 4.05 |
| 456255 | 9 | 3.98 |
| 456256 | 10 | 4.18 |
| 456257 | 10 | 4.91 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456258 | 45 | 4.16 |
| 456259 | 44 | 3.98 |
| 456260 | 67 | 4.12 |
| 456261 | 299 | 3.55 |
| 456262 | 80 | 3.58 |
| 456263 | 85 | 3.83 |
| 456264 | 40 | 3.89 |
| 456265 | 5 | 0.294 |
| 456266 | 15 | 3.77 |
| 456267 | 14 | 3.97 |
| 456268 | 28 | 3.82 |
| 456269 | 60 | 3.87 |
| 456270 | 36 | 3.65 |
| 456271 | 52 | 3.80 |
| 456272 | 17 | 4.05 |
| 456273 | 34 | 3.66 |
| 456274 | 48 | 3.88 |
| 456275 | 103 | 3.86 |
| 456276 | 145 | 3.97 |
| 456277 | 49 | 3.93 |
| 456278 | 1560 | 0.0650 |
| 456279 | 502 | 3.74 |
| 456280 | 47 | 3.74 |
| 456281 | 48 | 3.28 |
| 456282 | 67 | 3.56 |
| 456283 | 93 | 4.04 |
| 456284 | 33 | 3.77 |
| 456285 | 11 | 3.89 |
| 456286 | 10 | 3.53 |
| 456287 | 103 | 3.87 |
| 456288 | 36 | 3.87 |
| 456289 | 9 | 3.85 |
| 456290 | 6 | 0.292 |
| 456291 | 499 | 3.66 |
| 456292 | 25 | 2.95 |
| 456293 | 38 | 3.47 |
| 456294 | 88 | 3.65 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456295 | 19 | 3.76 |
| 456296 | 96 | 3.73 |
| 456297 | 136 | 3.87 |
| 456298 | 107 | 3.76 |
| 456299 | 98 | 3.63 |
| 456300 | 145 | 3.46 |
| 456301 | 114 | 3.64 |
| 456302 | 137 | 3.74 |
| 456303 | 234 | 0.0660 |
| 456304 | 113 | 4.02 |
| 456305 | 49 | 3.79 |
| 456306 | 12 | 3.47 |
| 456307 | 85 | 2.68 |
| 456308 | 219 | 4.18 |
| 456309 | 19 | 3.85 |
| 456310 | 8 | 4.04 |
| 456311 | 19 | 3.90 |
| 456312 | 9 | 3.82 |
| 456313 | 17 | 3.84 |
| 456314 | < 5 | 3.39 |
| 456315 | 5 | 0.295 |
| 456316 | 12 | 3.72 |
| 456317 | 83 | 3.73 |
| 456318 | 5 | 4.33 |
| 456319 | < 5 | 4.18 |
| 456320 | 7 | 3.87 |
| 456321 | 5 | 3.60 |
| 456322 | 5 | 3.76 |
| 456323 | 5 | 4.18 |
| 456324 | 15 | 4.08 |
| 456325 | 32 | 3.76 |
| 456326 | 10 | 3.60 |
| 456327 | 12 | 3.58 |
| 456328 | 485 | 0.0480 |
| 456329 | 25 | 3.85 |
| 456330 | 13 | 4.12 |
| 456331 | 52 | 4.06 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456332 | 93 | 3.72 |
| 456333 | 9 | 3.66 |
| 456334 | 48 | 3.57 |
| 456335 | 88 | 4.22 |
| 456336 | 12 | 4.12 |
| 456337 | 8 | 3.82 |
| 456338 | 33 | 3.82 |
| 456339 | 136 | 3.48 |
| 456340 | < 5 | 0.299 |
| 456341 | 414 | 1.43 |
| 456342 | 41 | 2.66 |
| 456343 | 9 | 4.01 |
| 456344 | 9 | 3.88 |
| 456345 | 51 | 3.56 |
| 456346 | 18 | 3.87 |
| 456347 | 6 | 3.55 |
| 456348 | 15 | 3.59 |
| 456349 | 38 | 4.03 |
| 456350 | 14 | 3.97 |
| 456351 | 27 | 4.03 |
| 456352 | 5 | 3.99 |
| 456353 | 684 | 0.0490 |
| 456354 | 95 | 3.85 |
| 456355 | 54 | 3.77 |
| 456356 | 91 | 3.26 |
| 456357 | 23 | 3.72 |
| 456358 | 63 | 3.65 |
| 456359 | 71 | 3.97 |
| 456360 | 25 | 3.93 |
| 456361 | 38 | 4.08 |
| 456362 | 275 | 3.70 |
| 456363 | 45 | 3.43 |
| 456364 | 36 | 4.12 |
| 456365 | < 5 | 0.323 |
| 456366 | 49 | 4.58 |
| 456367 | 18 | 3.90 |
| 456368 | 279 | 4.33 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456369 | 588 | 3.71 |
| 456370 | 94 | 4.01 |
| 456371 | 222 | 4.20 |
| 456372 | 155 | 4.05 |
| 456373 | 109 | 3.57 |
| 456374 | 106 | 3.85 |
| 456375 | 9 | 3.43 |
| 456376 | 16 | 4.11 |
| 456377 | 50 | 3.53 |
| 456378 | 1570 | 0.0490 |
| 456379 | 20 | 1.79 |
| 456380 | 24 | 5.73 |
| 456381 | 10 | 3.84 |
| 456382 | 19 | 3.81 |
| 456383 | 14 | 3.92 |
| 456384 | 11 | 3.53 |
| 456385 | 32 | 3.61 |
| 456386 | 6 | 3.91 |
| 456387 | 6 | 3.56 |
| 456388 | 8 | 3.91 |
| 456389 | < 5 | 4.01 |
| 456390 | < 5 | 0.360 |
| 456391 | 28 | 4.05 |
| 456392 | 7 | 3.83 |
| 456393 | 41 | 3.57 |
| 456394 | 10 | 3.74 |
| 456395 | 7 | 3.72 |
| 456396 | < 5 | 3.21 |
| 456397 | 8 | 3.94 |
| 456398 | 28 | 4.11 |
| 456399 | 182 | 3.93 |
| 456400 | 6 | 3.56 |
| 456401 | 15 | 4.07 |
| 456402 | 9 | 3.79 |
| 456403 | 218 | 0.0500 |
| 456404 | 5 | 3.49 |
| 456405 | 13 | 2.96 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------------|
| Package Code | 1A2-50-Tbay | Weight Report in Kg-Tbay |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456406 | 26 | 4.14 |
| 456407 | 5 | 4.15 |
| 456408 | 11 | 4.34 |
| 456409 | 14 | 4.39 |
| 456410 | 6 | 4.02 |
| 456411 | 10 | 3.96 |
| 456412 | 34 | 4.52 |
| 456413 | 29 | 3.85 |
| 456414 | 6 | 4.44 |
| 456415 | < 5 | 0.238 |
| 456416 | 198 | 3.95 |
| 456417 | < 5 | 3.94 |
| 456418 | 10 | 4.19 |
| 456419 | 5 | 3.83 |
| 456420 | 7 | 3.95 |
| 456421 | 9 | 3.61 |
| 456422 | 6 | 3.64 |
| 456423 | 5 | 3.84 |
| 456424 | 9 | 3.81 |
| 456425 | 8 | 3.67 |
| 456426 | 90 | 4.23 |
| 456427 | 9 | 4.25 |
| 456428 | 474 | 0.0490 |
| 456429 | < 5 | 3.96 |
| 456430 | 14 | 3.90 |
| 456431 | 14 | 3.72 |
| 456432 | 45 | 3.94 |
| 456433 | 7 | 4.27 |
| 456434 | 456 | 3.61 |
| 456435 | 34 | 4.21 |
| 456436 | 285 | 4.47 |
| 456437 | 50 | 3.37 |
| 456438 | 22 | 4.53 |
| 456439 | 575 | 3.83 |
| 456440 | < 5 | 0.293 |
| 456441 | 31 | 3.41 |
| 456442 | 87 | 3.71 |

| | |
|-----------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 254 Meas | 2500 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2410 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2490 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2500 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2520 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2520 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2520 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2590 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2610 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2570 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2450 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2430 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2510 |
| OREAS 254 Cert | 2550 |
| OREAS 218 Meas | 539 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 513 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 508 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 528 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 534 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 534 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 541 |
| OREAS 218 Cert | 531 |
| | |

| | |
|-------------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 218 Meas | 537 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 547 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 527 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 539 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 528 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 527 |
| OREAS 218 Cert | 531 |
| 456048 Orig | 7 |
| 456048 Dup | 7 |
| 456059 Orig | < 5 |
| 456059 Dup | < 5 |
| 456069 Orig | < 5 |
| 456069 Dup | < 5 |
| 456083 Orig | 13 |
| 456083 Dup | 14 |
| 456085 Split Orig | 8 |
| 456085 Split | 10 |
| 456094 Orig | 6 |
| 456094 Dup | 5 |
| 456104 Orig | < 5 |
| 456104 Dup | < 5 |
| 456114 Orig | 9 |
| 456114 Dup | 10 |
| 456124 Orig | 10 |
| 456124 Dup | 10 |
| 456134 Split Orig | 13 |
| 456134 Split | 14 |
| 456134 Orig | 14 |
| 456134 Dup | 12 |
| 456151 Orig | 7 |
| 456151 Dup | 8 |
| 456162 Orig | 38 |
| 456162 Dup | 52 |
| 456172 Orig | 17 |
| 456172 Dup | 11 |
| 456183 Orig | 8 |

| | |
|-------------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 456183 Dup | 9 |
| 456185 Split Orig | 35 |
| 456185 Split | 30 |
| 456204 Orig | 16 |
| 456204 Dup | 8 |
| 456220 Orig | 16 |
| 456220 Dup | 21 |
| 456231 Orig | 116 |
| 456231 Dup | 117 |
| 456234 Split Orig | 105 |
| 456234 Split | 124 |
| 456241 Orig | 111 |
| 456241 Dup | 108 |
| 456251 Orig | 10 |
| 456251 Dup | 9 |
| 456261 Orig | 299 |
| 456261 Dup | 274 |
| 456271 Orig | 52 |
| 456271 Dup | 58 |
| 456285 Split Orig | 11 |
| 456285 Split | 14 |
| 456289 Orig | 9 |
| 456289 Dup | 9 |
| 456300 Orig | 145 |
| 456300 Dup | 118 |
| 456310 Orig | 8 |
| 456310 Dup | 8 |
| 456320 Orig | 7 |
| 456320 Dup | 6 |
| 456330 Orig | 13 |
| 456330 Dup | 9 |
| 456334 Split Orig | 48 |
| 456334 Split | 51 |
| 456340 Orig | < 5 |
| 456340 Dup | < 5 |
| 456357 Orig | 23 |
| 456357 Dup | 18 |
| 456379 Orig | 20 |
| 456379 Dup | 21 |
| 456385 Split Orig | 32 |
| | |

| | |
|-------------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 456385 Split | 36 |
| 456389 Orig | < 5 |
| 456389 Dup | < 5 |
| 456399 Orig | 182 |
| 456399 Dup | 193 |
| 456409 Orig | 14 |
| 456409 Dup | 10 |
| 456426 Orig | 90 |
| 456426 Dup | 99 |
| 456434 Split Orig | 456 |
| 456434 Split | 450 |
| 456437 Orig | 50 |
| 456437 Dup | 52 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | 5 |
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| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 22-Jan-18
Invoice No.: A18-00680
Invoice Date: 01-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

180 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-00680**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765201 | 18 | 2.29 |
| 765202 | < 5 | 2.40 |
| 765203 | 227 | 0.0640 |
| 765204 | < 5 | 5.37 |
| 765205 | < 5 | 2.90 |
| 765206 | < 5 | 3.06 |
| 765207 | 7 | 1.26 |
| 765209 | 6 | 4.34 |
| 765210 | 8 | 3.98 |
| 765211 | < 5 | 3.55 |
| 765212 | < 5 | 4.08 |
| 765213 | 12 | 3.70 |
| 765214 | < 5 | 3.73 |
| 765215 | < 5 | 0.313 |
| 765216 | < 5 | 3.88 |
| 765217 | < 5 | 3.69 |
| 765218 | < 5 | 3.84 |
| 765219 | < 5 | 3.55 |
| 765220 | < 5 | 3.55 |
| 765221 | < 5 | 3.98 |
| 765222 | < 5 | 3.94 |
| 765223 | < 5 | 3.96 |
| 765224 | < 5 | 3.54 |
| 765225 | 8 | 1.82 |
| 765226 | 17 | 4.03 |
| 765227 | < 5 | 3.72 |
| 765228 | 415 | 0.0630 |
| 765229 | 6 | 3.56 |
| 765230 | < 5 | 2.91 |
| 765231 | 17 | 3.96 |
| 765232 | 5 | 3.82 |
| 765233 | 5 | 3.55 |
| 765234 | 5 | 3.37 |
| 765235 | < 5 | 4.23 |
| 765236 | 112 | 3.87 |
| 765237 | 7 | 4.10 |
| 765238 | 11 | 3.84 |
| 765239 | < 5 | 4.41 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765240 | < 5 | 0.320 |
| 765241 | < 5 | 2.95 |
| 765242 | 11 | 3.73 |
| 765243 | 10 | 3.61 |
| 765244 | < 5 | 4.04 |
| 765245 | < 5 | 4.00 |
| 765246 | < 5 | 4.28 |
| 765247 | < 5 | 4.73 |
| 765248 | < 5 | 3.86 |
| 765249 | < 5 | 3.76 |
| 765250 | < 5 | 3.79 |
| 765251 | < 5 | 3.96 |
| 765252 | < 5 | 3.85 |
| 765253 | 689 | 0.0680 |
| 765254 | < 5 | 3.62 |
| 765255 | < 5 | 3.89 |
| 765256 | 7 | 1.48 |
| 765257 | < 5 | 2.98 |
| 765258 | < 5 | 4.09 |
| 765259 | < 5 | 3.75 |
| 765260 | < 5 | 3.90 |
| 765261 | < 5 | 3.81 |
| 765262 | < 5 | 3.57 |
| 765263 | < 5 | 3.82 |
| 765264 | 9 | 4.10 |
| 765265 | < 5 | 0.310 |
| 765266 | < 5 | 3.79 |
| 765267 | < 5 | 3.80 |
| 765268 | < 5 | 3.95 |
| 765269 | < 5 | 3.87 |
| 765270 | < 5 | 3.28 |
| 765271 | < 5 | 3.84 |
| 765272 | < 5 | 4.35 |
| 765273 | < 5 | 4.07 |
| 765274 | < 5 | 3.51 |
| 765275 | 11 | 3.86 |
| 765276 | < 5 | 3.51 |
| 765277 | < 5 | 3.80 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765278 | 1510 | 0.0690 |
| 765279 | < 5 | 4.16 |
| 765280 | < 5 | 4.09 |
| 765281 | < 5 | 3.78 |
| 765282 | 6 | 3.94 |
| 765283 | < 5 | 4.18 |
| 765284 | < 5 | 4.13 |
| 765285 | < 5 | 4.03 |
| 765286 | < 5 | 3.71 |
| 765287 | 11 | 3.39 |
| 765288 | 28 | 3.95 |
| 765289 | 14 | 3.42 |
| 765290 | < 5 | 0.307 |
| 765291 | 11 | 4.19 |
| 765292 | 14 | 3.89 |
| 765293 | 16 | 3.30 |
| 765294 | < 5 | 3.60 |
| 765295 | < 5 | 4.03 |
| 765296 | 7 | 4.58 |
| 765297 | < 5 | 4.35 |
| 765298 | 5 | 3.70 |
| 765299 | 20 | 4.13 |
| 765300 | 11 | 3.78 |
| 765301 | < 5 | 3.99 |
| 765302 | 8 | 4.18 |
| 765303 | 308 | 0.0690 |
| 765304 | 9 | 3.81 |
| 765305 | 7 | 3.92 |
| 765306 | < 5 | 3.65 |
| 765307 | < 5 | 4.06 |
| 765308 | < 5 | 4.05 |
| 765309 | 14 | 3.75 |
| 765310 | 435 | 4.25 |
| 765311 | 109 | 3.68 |
| 765312 | 423 | 3.95 |
| 765313 | 114 | 3.48 |
| 765314 | 7 | 3.90 |
| 765315 | < 5 | 0.304 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765316 | 15 | 2.21 |
| 765317 | 6 | 3.31 |
| 765318 | 8 | 4.04 |
| 765319 | < 5 | 2.54 |
| 765320 | < 5 | 4.61 |
| 765321 | < 5 | 4.81 |
| 765322 | 5 | 4.11 |
| 765323 | < 5 | 4.12 |
| 765324 | < 5 | 2.94 |
| 765325 | 40 | 4.21 |
| 765326 | < 5 | 4.31 |
| 765327 | 9 | 4.26 |
| 765328 | 500 | 0.0680 |
| 765329 | 5 | 4.24 |
| 765330 | 8 | 2.68 |
| 765331 | < 5 | 2.82 |
| 765332 | < 5 | 3.78 |
| 765333 | < 5 | 1.55 |
| 765334 | 9 | 2.74 |
| 765335 | < 5 | 4.46 |
| 765336 | 27 | 3.14 |
| 765337 | 6 | 3.98 |
| 765338 | < 5 | 3.61 |
| 765339 | < 5 | 4.05 |
| 765340 | < 5 | 0.303 |
| 765342 | < 5 | 3.94 |
| 765343 | < 5 | 4.05 |
| 765344 | < 5 | 4.21 |
| 765345 | 8 | 1.03 |
| 765346 | < 5 | 3.01 |
| 765347 | < 5 | 2.67 |
| 765348 | < 5 | 3.93 |
| 765349 | 7 | 3.87 |
| 765350 | 5 | 3.78 |
| 765351 | 10 | 1.22 |
| 765352 | < 5 | 3.64 |
| 765353 | 718 | 0.0690 |
| 765355 | < 5 | 3.93 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765356 | 7 | 3.16 |
| 765357 | 10 | 3.75 |
| 765358 | 13 | 3.97 |
| 765359 | < 5 | 4.04 |
| 765360 | 13 | 3.56 |
| 765361 | 17 | 4.56 |
| 765362 | < 5 | 3.42 |
| 765363 | < 5 | 3.07 |
| 765364 | < 5 | 3.61 |
| 765365 | 13 | 0.307 |
| 765366 | < 5 | 3.57 |
| 765367 | < 5 | 3.95 |
| 765368 | < 5 | 3.69 |
| 765369 | < 5 | 4.19 |
| 765370 | < 5 | 3.51 |
| 765371 | < 5 | 3.88 |
| 765372 | < 5 | 2.29 |
| 765373 | < 5 | 2.24 |
| 765374 | < 5 | 3.45 |
| 765375 | 7 | 3.25 |
| 765376 | < 5 | 3.37 |
| 765377 | 7 | 4.23 |
| 765378 | 1550 | 0.0720 |
| 765379 | 11 | 3.75 |
| 765380 | 5 | 2.82 |

| | |
|-----------------|--------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OxK110 Meas | 3590 |
| OxK110 Cert | 3602.0 00 |
| OxK110 Meas | 3500 |
| OxK110 Cert | 3602.0 00 |
| OxK110 Meas | 3660 |
| OxK110 Cert | 3602.0 00 |
| OREAS 218 Meas | 545 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 533 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 538 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 519 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 515 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 549 |
| OREAS 218 Cert | 531 |
| 765211 Orig | < 5 |
| 765211 Dup | < 5 |
| 765227 Orig | < 5 |
| 765227 Dup | < 5 |
| 765231 Orig | 17 |
| 765231 Dup | 7 |
| 765246 Orig | < 5 |
| 765246 Dup | < 5 |
| 765256 Orig | 7 |
| 765256 Dup | 12 |
| 765266 Orig | < 5 |
| 765266 Dup | < 5 |
| 765281 Orig | < 5 |
| 765281 Dup | < 5 |
| 765291 Orig | 11 |
| 765291 Dup | 11 |
| 765301 Orig | < 5 |
| 765301 Dup | < 5 |
| 765316 Orig | 15 |
| 765316 Dup | 15 |
| 765326 Orig | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 765326 Dup | 8 |
| 765352 Orig | < 5 |
| 765352 Dup | < 5 |
| 765363 Orig | < 5 |
| 765363 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 22-Jan-18
Invoice No.: A18-00680-ReAssay
Invoice Date: 21-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

180 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-00680-ReAssay**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 765223 | < 5 |
| 765224 | < 5 |
| 765225 | 5 |
| 765226 | 15 |
| 765227 | < 5 |
| 765228 | 504 |
| 765229 | < 5 |
| 765230 | < 5 |
| 765231 | < 5 |
| 765232 | 7 |
| 765233 | < 5 |
| 765298 | < 5 |
| 765299 | 13 |
| 765300 | 23 |
| 765301 | < 5 |
| 765302 | 8 |
| 765303 | 217 |
| 765304 | < 5 |
| 765305 | < 5 |
| 765306 | 16 |
| 765307 | < 5 |
| 765308 | 6 |

| | |
|-----------------|--------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 218 Meas | 532 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 545 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 546 |
| OREAS 218 Cert | 531 |
| OREAS 224 Meas | 2090 |
| OREAS 224 Cert | 2150.0 00 |
| OREAS 224 Meas | 2200 |
| OREAS 224 Cert | 2150.0 00 |
| 765300 Orig | 23 |
| 765300 Dup | 10 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 06-Feb-18
Invoice No.: A18-01344
Invoice Date: 21-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

123 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01344**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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 | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456501 | < 5 | 2.23 |
| 456502 | < 5 | 2.42 |
| 456503 | 225 | 0.0840 |
| 456504 | 5 | 2.55 |
| 456505 | < 5 | 2.34 |
| 456506 | < 5 | 2.39 |
| 456507 | < 5 | 2.73 |
| 456508 | < 5 | 2.59 |
| 456509 | < 5 | 2.32 |
| 456510 | < 5 | 2.52 |
| 456511 | 6 | 1.40 |
| 456512 | < 5 | 2.33 |
| 456513 | < 5 | 2.29 |
| 456514 | < 5 | 2.16 |
| 456515 | < 5 | 0.329 |
| 456516 | 6 | 2.91 |
| 456517 | < 5 | 3.46 |
| 456518 | < 5 | 2.27 |
| 456519 | 10 | 2.29 |
| 456520 | < 5 | 2.33 |
| 456521 | < 5 | 2.26 |
| 456522 | < 5 | 2.37 |
| 456523 | < 5 | 2.40 |
| 456524 | < 5 | 2.69 |
| 456525 | 6 | 2.52 |
| 456526 | < 5 | 2.56 |
| 456527 | < 5 | 2.24 |
| 456528 | 488 | 0.0930 |
| 456529 | < 5 | 2.17 |
| 456530 | < 5 | 2.42 |
| 456531 | < 5 | 2.70 |
| 456532 | < 5 | 2.56 |
| 456533 | < 5 | 2.85 |
| 456534 | < 5 | 2.52 |
| 456535 | < 5 | 2.53 |
| 456536 | < 5 | 2.53 |
| 456537 | 5 | 2.56 |
| 456538 | < 5 | 2.90 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456539 | < 5 | 2.39 |
| 456540 | < 5 | 0.334 |
| 456541 | < 5 | 2.69 |
| 456542 | < 5 | 2.93 |
| 456543 | < 5 | 3.17 |
| 456544 | < 5 | 2.19 |
| 456545 | < 5 | 2.57 |
| 456546 | < 5 | 2.34 |
| 456547 | < 5 | 2.56 |
| 456548 | < 5 | 3.08 |
| 456549 | < 5 | 3.23 |
| 456550 | < 5 | 2.89 |
| 456551 | < 5 | 3.24 |
| 456552 | < 5 | 2.45 |
| 456553 | 686 | 0.0940 |
| 456554 | < 5 | 2.67 |
| 456555 | < 5 | 2.31 |
| 456556 | < 5 | 2.64 |
| 456557 | < 5 | 2.72 |
| 456558 | < 5 | 2.34 |
| 456559 | < 5 | 2.82 |
| 456560 | < 5 | 2.36 |
| 456561 | < 5 | 2.36 |
| 456562 | < 5 | 2.60 |
| 456563 | < 5 | 2.72 |
| 456564 | < 5 | 2.74 |
| 456565 | < 5 | 0.331 |
| 456566 | < 5 | 2.25 |
| 456567 | < 5 | 2.58 |
| 456568 | < 5 | 2.24 |
| 456569 | < 5 | 2.18 |
| 456570 | < 5 | 2.23 |
| 456571 | < 5 | 2.35 |
| 456572 | < 5 | 2.28 |
| 456573 | < 5 | 2.58 |
| 456574 | < 5 | 2.48 |
| 456575 | < 5 | 2.10 |
| 456576 | < 5 | 2.75 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456577 | < 5 | 3.03 |
| 456578 | 1560 | 0.104 |
| 456579 | < 5 | 2.83 |
| 456580 | < 5 | 2.95 |
| 456581 | < 5 | 2.58 |
| 456582 | < 5 | 2.68 |
| 456583 | < 5 | 3.02 |
| 456584 | < 5 | 2.66 |
| 456585 | < 5 | 2.60 |
| 456586 | 6 | 3.04 |
| 456587 | < 5 | 2.78 |
| 456588 | < 5 | 2.47 |
| 456589 | < 5 | 2.68 |
| 456590 | < 5 | 0.340 |
| 456591 | < 5 | 3.35 |
| 456592 | 5 | 1.72 |
| 456593 | < 5 | 2.73 |
| 456594 | < 5 | 2.98 |
| 456595 | < 5 | 2.75 |
| 456596 | < 5 | 2.56 |
| 456597 | < 5 | 2.62 |
| 456598 | < 5 | 2.58 |
| 456599 | < 5 | 2.01 |
| 456600 | < 5 | 3.01 |
| 456601 | < 5 | 2.31 |
| 456602 | < 5 | 2.32 |
| 456603 | 220 | 0.108 |
| 456604 | < 5 | 2.56 |
| 456605 | < 5 | 2.57 |
| 456606 | < 5 | 2.70 |
| 456607 | < 5 | 2.35 |
| 456608 | < 5 | 2.59 |
| 456609 | < 5 | 2.27 |
| 456610 | < 5 | 2.47 |
| 456611 | < 5 | 3.23 |
| 456612 | < 5 | 1.97 |
| 456613 | < 5 | 2.36 |
| 456614 | < 5 | 2.18 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456615 | < 5 | 0.345 |
| 456616 | < 5 | 2.23 |
| 456617 | < 5 | 2.39 |
| 456618 | < 5 | 2.41 |
| 456619 | < 5 | 2.47 |
| 456620 | < 5 | 2.41 |
| 456621 | < 5 | 2.64 |
| 456622 | < 5 | 2.76 |
| 456623 | < 5 | 2.68 |

| | |
|-----------------------------|---------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 514 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 511 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 514 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 518 |
| OREAS 218 Cert | 531 |
| OREAS 224 (Fire Assay) Meas | 2090 |
| OREAS 224 (Fire Assay) Cert | 2150 |
| OREAS 224 Meas | 2130 |
| OREAS 224 Cert | 2150.00 |
| OREAS 224 Meas | 2110 |
| OREAS 224 Cert | 2150.00 |
| 456510 Orig | < 5 |
| 456510 Dup | < 5 |
| 456521 Orig | < 5 |
| 456521 Dup | < 5 |
| 456530 Orig | < 5 |
| 456530 Dup | < 5 |
| 456539 Orig | < 5 |
| 456539 Dup | < 5 |
| 456555 Orig | < 5 |
| 456555 Dup | < 5 |
| 456561 Orig | < 5 |
| 456561 Dup | < 5 |
| 456580 Orig | < 5 |
| 456580 Dup | < 5 |
| 456591 Orig | < 5 |
| 456591 Dup | < 5 |
| 456614 Orig | < 5 |
| 456614 Dup | 9 |
| 456621 Orig | < 5 |
| 456621 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 06-Feb-18
Invoice No.: A18-01345
Invoice Date: 20-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

126 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01345**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638374 | < 5 | 2.06 |
| 638375 | < 5 | 1.41 |
| 638376 | < 5 | 2.49 |
| 638377 | < 5 | 1.93 |
| 638378 | 1590 | 0.0630 |
| 638379 | 5 | 1.98 |
| 638380 | < 5 | 1.82 |
| 638381 | < 5 | 1.01 |
| 638382 | < 5 | 1.28 |
| 638383 | < 5 | 1.50 |
| 638384 | < 5 | 2.46 |
| 638385 | < 5 | 2.27 |
| 638386 | < 5 | 2.70 |
| 638387 | < 5 | 2.63 |
| 638388 | < 5 | 2.68 |
| 638389 | < 5 | 3.22 |
| 638390 | < 5 | 0.295 |
| 638391 | < 5 | 3.03 |
| 638392 | < 5 | 2.89 |
| 638393 | < 5 | 3.23 |
| 638394 | < 5 | 3.13 |
| 638395 | < 5 | 3.37 |
| 638396 | < 5 | 3.12 |
| 638397 | < 5 | 2.64 |
| 638398 | < 5 | 2.66 |
| 638399 | < 5 | 3.23 |
| 638400 | < 5 | 2.73 |
| 638401 | < 5 | 2.93 |
| 638402 | < 5 | 2.81 |
| 638403 | 224 | 0.0590 |
| 638404 | < 5 | 3.09 |
| 638405 | < 5 | 2.85 |
| 638406 | < 5 | 2.57 |
| 638407 | < 5 | 2.72 |
| 638408 | < 5 | 2.90 |
| 638409 | < 5 | 2.23 |
| 638410 | < 5 | 2.18 |
| 638411 | < 5 | 2.36 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638412 | < 5 | 2.21 |
| 638413 | < 5 | 2.22 |
| 638414 | < 5 | 2.37 |
| 638415 | < 5 | 0.299 |
| 638416 | < 5 | 2.64 |
| 638417 | < 5 | 2.62 |
| 638418 | < 5 | 2.79 |
| 638419 | 6 | 3.01 |
| 638420 | < 5 | 3.10 |
| 638421 | < 5 | 2.62 |
| 638422 | < 5 | 2.72 |
| 638423 | < 5 | 2.70 |
| 638424 | < 5 | 3.14 |
| 638425 | < 5 | 2.55 |
| 638426 | < 5 | 2.37 |
| 638427 | < 5 | 2.42 |
| 638428 | 505 | 0.0640 |
| 638429 | < 5 | 2.64 |
| 638430 | < 5 | 2.68 |
| 638431 | < 5 | 2.19 |
| 638432 | < 5 | 2.34 |
| 638433 | < 5 | 2.48 |
| 638434 | < 5 | 2.31 |
| 638435 | 5 | 2.56 |
| 638436 | < 5 | 2.45 |
| 638437 | < 5 | 2.46 |
| 638438 | < 5 | 2.20 |
| 638439 | < 5 | 3.20 |
| 638440 | < 5 | 0.272 |
| 638441 | < 5 | 2.13 |
| 638442 | < 5 | 2.45 |
| 638443 | < 5 | 2.53 |
| 638444 | < 5 | 3.07 |
| 638445 | < 5 | 2.40 |
| 638446 | < 5 | 2.37 |
| 638447 | < 5 | 2.40 |
| 638448 | < 5 | 1.96 |
| 638449 | 7 | 1.28 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638450 | < 5 | 2.21 |
| 638451 | < 5 | 2.25 |
| 638452 | 6 | 2.04 |
| 638453 | 721 | 0.0660 |
| 638454 | < 5 | 1.74 |
| 638455 | < 5 | 1.91 |
| 638456 | < 5 | 1.82 |
| 638457 | < 5 | 1.40 |
| 638458 | < 5 | 2.01 |
| 638459 | < 5 | 1.79 |
| 638460 | < 5 | 2.16 |
| 638461 | < 5 | 2.12 |
| 638462 | < 5 | 2.34 |
| 638463 | < 5 | 1.88 |
| 638464 | < 5 | 2.23 |
| 638465 | < 5 | 0.309 |
| 638466 | 5 | 1.81 |
| 638467 | < 5 | 1.44 |
| 638468 | < 5 | 2.03 |
| 638469 | < 5 | 2.27 |
| 638470 | < 5 | 2.13 |
| 638471 | < 5 | 2.50 |
| 638472 | < 5 | 2.41 |
| 638473 | < 5 | 2.41 |
| 638474 | < 5 | 2.08 |
| 638475 | < 5 | 1.84 |
| 638476 | < 5 | 1.98 |
| 638477 | < 5 | 2.17 |
| 638478 | 1620 | 0.0660 |
| 638479 | < 5 | 2.47 |
| 638480 | < 5 | 2.05 |
| 638481 | < 5 | 2.58 |
| 638482 | < 5 | 2.11 |
| 638484 | < 5 | 2.58 |
| 638485 | < 5 | 2.89 |
| 638486 | < 5 | 2.55 |
| 638487 | < 5 | 2.50 |
| 638488 | < 5 | 1.98 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638489 | < 5 | 1.88 |
| 638490 | < 5 | 0.310 |
| 638491 | < 5 | 1.70 |
| 638492 | < 5 | 2.94 |
| 638493 | < 5 | 2.78 |
| 638494 | < 5 | 2.62 |
| 638495 | < 5 | 2.17 |
| 638496 | < 5 | 2.74 |
| 638497 | 11 | 2.64 |
| 638498 | < 5 | 1.88 |
| 638499 | < 5 | 2.44 |
| 638500 | 17 | 2.51 |

| | |
|-----------------|--------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 218 Meas | 531 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 540 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 531 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 519 |
| OREAS 218 Cert | 531 |
| OREAS 224 Meas | 2100 |
| OREAS 224 Cert | 2150.0 00 |
| OREAS 224 Meas | 2080 |
| OREAS 224 Cert | 2150.0 00 |
| OREAS 224 Meas | 2130 |
| OREAS 224 Cert | 2150.0 00 |
| 638383 Orig | < 5 |
| 638383 Dup | < 5 |
| 638394 Orig | < 5 |
| 638394 Dup | < 5 |
| 638404 Orig | < 5 |
| 638404 Dup | < 5 |
| 638418 Orig | < 5 |
| 638418 Dup | < 5 |
| 638429 Orig | < 5 |
| 638429 Dup | < 5 |
| 638438 Orig | < 5 |
| 638438 Dup | < 5 |
| 638455 Orig | < 5 |
| 638455 Dup | < 5 |
| 638463 Orig | < 5 |
| 638463 Dup | < 5 |
| 638474 Orig | < 5 |
| 638474 Dup | < 5 |
| 638489 Orig | < 5 |
| 638489 Dup | < 5 |
| 638499 Orig | < 5 |
| 638499 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 06-Feb-18
Invoice No.: A18-01349
Invoice Date: 28-Feb-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

177 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01349**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460359 | < 5 | 1.61 |
| 460360 | < 5 | 3.28 |
| 460361 | < 5 | 3.95 |
| 460362 | < 5 | 3.85 |
| 460363 | < 5 | 3.80 |
| 460364 | < 5 | 3.89 |
| 460365 | < 5 | 0.340 |
| 460366 | < 5 | 3.32 |
| 460367 | 6 | 3.24 |
| 460368 | 28 | 4.12 |
| 460369 | 11 | 4.01 |
| 460370 | 7 | 3.46 |
| 460371 | < 5 | 3.51 |
| 460372 | < 5 | 2.87 |
| 460373 | 5 | 3.63 |
| 460374 | 6 | 3.11 |
| 460375 | < 5 | 2.61 |
| 460376 | 5 | 3.84 |
| 460377 | < 5 | 4.11 |
| 460378 | 1690 | 0.108 |
| 460379 | 7 | 3.75 |
| 460380 | < 5 | 3.69 |
| 460381 | < 5 | 4.29 |
| 460382 | < 5 | 3.77 |
| 460383 | < 5 | 4.00 |
| 460384 | < 5 | 3.80 |
| 460385 | < 5 | 3.21 |
| 460386 | 11 | 2.45 |
| 460387 | 39 | 3.31 |
| 460388 | 23 | 3.85 |
| 460389 | 39 | 4.02 |
| 460390 | < 5 | 0.339 |
| 460391 | 34 | 3.91 |
| 460392 | 7 | 3.64 |
| 460393 | < 5 | 3.41 |
| 460394 | 5 | 2.56 |
| 460395 | < 5 | 3.73 |
| 460396 | < 5 | 3.62 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460397 | 12 | 4.01 |
| 460398 | < 5 | 4.39 |
| 460399 | < 5 | 3.79 |
| 460400 | < 5 | 2.52 |
| 460401 | 21 | 3.75 |
| 460402 | 10 | 3.71 |
| 460403 | 223 | 0.103 |
| 460404 | < 5 | 3.64 |
| 460405 | < 5 | 4.00 |
| 460406 | < 5 | 3.95 |
| 460407 | < 5 | 3.20 |
| 460408 | < 5 | 2.42 |
| 460409 | < 5 | 3.36 |
| 460410 | < 5 | 3.59 |
| 460411 | 8 | 2.56 |
| 460412 | < 5 | 4.37 |
| 460413 | < 5 | 4.00 |
| 460414 | 5 | 3.41 |
| 460415 | < 5 | 0.343 |
| 460416 | < 5 | 3.98 |
| 460417 | 6 | 3.86 |
| 460418 | < 5 | 3.64 |
| 460419 | < 5 | 3.84 |
| 460420 | < 5 | 3.59 |
| 460421 | < 5 | 3.99 |
| 460422 | 23 | 4.06 |
| 460423 | < 5 | 3.74 |
| 460424 | < 5 | 3.87 |
| 460425 | < 5 | 4.13 |
| 460426 | 6 | 3.55 |
| 460427 | 58 | 3.82 |
| 460428 | 500 | 0.109 |
| 460429 | < 5 | 4.07 |
| 460430 | < 5 | 3.93 |
| 460431 | < 5 | 3.73 |
| 460432 | < 5 | 3.66 |
| 460433 | < 5 | 3.75 |
| 460434 | < 5 | 2.68 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460435 | < 5 | 2.68 |
| 460436 | < 5 | 2.89 |
| 460437 | < 5 | 4.06 |
| 460438 | < 5 | 3.88 |
| 460439 | < 5 | 3.77 |
| 460440 | < 5 | 0.318 |
| 460441 | < 5 | 4.13 |
| 460442 | < 5 | 4.38 |
| 460443 | < 5 | 4.62 |
| 460444 | < 5 | 3.87 |
| 460445 | < 5 | 2.48 |
| 460446 | 5 | 3.30 |
| 460447 | 9 | 2.42 |
| 460448 | 7 | 2.70 |
| 460449 | < 5 | 2.84 |
| 460450 | < 5 | 4.18 |
| 460451 | 6 | 4.07 |
| 460452 | < 5 | 2.46 |
| 460453 | 699 | 0.0870 |
| 460454 | 7 | 2.57 |
| 460455 | 133 | 1.97 |
| 460456 | < 5 | 2.46 |
| 460457 | < 5 | 3.69 |
| 460458 | < 5 | 4.17 |
| 460459 | 16 | 4.53 |
| 460460 | 17 | 4.05 |
| 460461 | < 5 | 3.52 |
| 460462 | < 5 | 3.82 |
| 460463 | < 5 | 3.56 |
| 460464 | < 5 | 3.80 |
| 460465 | < 5 | 0.326 |
| 460466 | < 5 | 4.17 |
| 460467 | < 5 | 3.78 |
| 460468 | < 5 | 3.73 |
| 460469 | < 5 | 3.66 |
| 460470 | < 5 | 3.49 |
| 460471 | < 5 | 3.64 |
| 460472 | < 5 | 4.00 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460473 | < 5 | 3.75 |
| 460474 | < 5 | 4.29 |
| 460475 | < 5 | 3.72 |
| 460476 | < 5 | 3.86 |
| 460477 | < 5 | 3.88 |
| 460478 | 1580 | 0.0920 |
| 460479 | < 5 | 3.58 |
| 460480 | < 5 | 3.18 |
| 460481 | < 5 | 3.78 |
| 460482 | < 5 | 3.82 |
| 460483 | < 5 | 3.68 |
| 460484 | < 5 | 3.81 |
| 460485 | < 5 | 3.95 |
| 460486 | < 5 | 3.84 |
| 460487 | < 5 | 2.48 |
| 460488 | < 5 | 4.35 |
| 460489 | < 5 | 3.83 |
| 460490 | < 5 | 0.325 |
| 460491 | < 5 | 3.81 |
| 460492 | < 5 | 3.56 |
| 460493 | 18 | 3.78 |
| 460494 | < 5 | 3.80 |
| 460495 | < 5 | 3.52 |
| 460496 | < 5 | 3.52 |
| 460497 | < 5 | 3.65 |
| 460498 | < 5 | 4.05 |
| 460499 | < 5 | 3.77 |
| 460500 | < 5 | 4.02 |
| 456001 | 11 | 3.88 |
| 456002 | 8 | 3.71 |
| 456003 | 228 | 0.0940 |
| 456004 | < 5 | 4.04 |
| 456005 | < 5 | 4.45 |
| 456006 | 31 | 4.23 |
| 456007 | 140 | 3.40 |
| 456008 | 5 | 3.50 |
| 456009 | 18 | 3.63 |
| 456010 | < 5 | 3.06 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456011 | 166 | 2.85 |
| 456012 | < 5 | 4.05 |
| 456013 | < 5 | 4.24 |
| 456014 | < 5 | 3.89 |
| 456015 | < 5 | 0.330 |
| 456016 | < 5 | 4.19 |
| 456017 | < 5 | 3.47 |
| 456018 | < 5 | 3.54 |
| 456019 | < 5 | 2.45 |
| 456020 | < 5 | 2.68 |
| 456021 | < 5 | 4.18 |
| 456022 | < 5 | 4.24 |
| 456023 | < 5 | 3.86 |
| 456024 | < 5 | 3.81 |
| 456025 | < 5 | 3.89 |
| 456026 | 7 | 3.24 |
| 456027 | 31 | 1.97 |
| 456028 | 499 | 0.0930 |
| 456029 | < 5 | 3.43 |
| 456030 | < 5 | 3.41 |
| 456031 | < 5 | 3.56 |
| 456032 | < 5 | 2.95 |
| 456033 | < 5 | 2.35 |
| 456034 | < 5 | 2.66 |
| 456035 | < 5 | 2.35 |

| | |
|-----------------------------|----------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2930 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 542 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 535 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 527 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 220 (Fire Assay) Meas | 848 |
| OREAS 220 (Fire Assay) Cert | 828 |
| OREAS 220 (Fire Assay) Meas | 911 |
| OREAS 220 (Fire Assay) Cert | 828 |
| OREAS 224 Meas | 2200 |
| OREAS 224 Cert | 2150.000 |
| OREAS 224 Meas | 2090 |
| OREAS 224 Cert | 2150.000 |
| OREAS 224 Meas | 2110 |
| OREAS 224 Cert | 2150.000 |
| OREAS 224 Meas | 2140 |
| OREAS 224 Cert | 2150.000 |
| OREAS 224 Meas | 2140 |
| OREAS 224 Cert | 2150.000 |
| 460368 Orig | 28 |
| 460368 Dup | 5 |
| 460379 Orig | 7 |
| 460379 Dup | < 5 |
| 460388 Orig | 23 |
| 460388 Dup | 26 |
| 460404 Orig | < 5 |
| 460404 Dup | 6 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 460413 Orig | < 5 |
| 460413 Dup | < 5 |
| 460423 Orig | < 5 |
| 460423 Dup | < 5 |
| 460438 Orig | < 5 |
| 460438 Dup | 10 |
| 460448 Orig | 7 |
| 460448 Dup | 10 |
| 460458 Orig | < 5 |
| 460458 Dup | 5 |
| 460464 Orig | < 5 |
| 460464 Dup | < 5 |
| 460476 Orig | < 5 |
| 460476 Dup | < 5 |
| 460489 Orig | < 5 |
| 460489 Dup | < 5 |
| 456008 Orig | 5 |
| 456008 Dup | < 5 |
| 456019 Orig | < 5 |
| 456019 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 08-Feb-18
Invoice No.: A18-01461
Invoice Date: 22-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

167 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A18-01461**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat cursive.

Emmanuel Esemé , Ph.D.
Quality Control

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

Date Submitted: 08-Feb-18
Invoice No.: A18-01461
Invoice Date: 22-Feb-18
Your Reference: Cote Gold

IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

167 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01461**

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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

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 | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459751 | < 5 | 3.64 |
| 459752 | < 5 | 3.54 |
| 459753 | 694 | 0.0650 |
| 459754 | < 5 | 2.17 |
| 459755 | < 5 | 3.97 |
| 459756 | < 5 | 3.73 |
| 459757 | < 5 | 4.22 |
| 459758 | < 5 | 4.08 |
| 459759 | < 5 | 3.86 |
| 459760 | < 5 | 3.90 |
| 459761 | < 5 | 3.68 |
| 459762 | < 5 | 3.70 |
| 459763 | < 5 | 3.53 |
| 459764 | < 5 | 4.07 |
| 459765 | < 5 | 0.301 |
| 459766 | < 5 | 3.81 |
| 459767 | < 5 | 3.72 |
| 459768 | < 5 | 3.62 |
| 459769 | 10 | 3.95 |
| 459770 | < 5 | 3.85 |
| 459771 | < 5 | 3.66 |
| 459772 | < 5 | 3.30 |
| 459773 | < 5 | 3.24 |
| 459774 | < 5 | 3.59 |
| 459775 | 11 | 3.65 |
| 459776 | < 5 | 3.60 |
| 459777 | < 5 | 3.24 |
| 459778 | 1600 | 0.0650 |
| 459779 | < 5 | 3.45 |
| 459780 | < 5 | 3.45 |
| 459781 | < 5 | 3.62 |
| 459782 | < 5 | 3.40 |
| 459783 | < 5 | 3.75 |
| 459784 | < 5 | 3.17 |
| 459785 | < 5 | 3.59 |
| 459786 | < 5 | 3.80 |
| 459787 | < 5 | 3.58 |
| 459788 | < 5 | 3.74 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459789 | < 5 | 3.62 |
| 459790 | < 5 | 0.299 |
| 459791 | < 5 | 4.27 |
| 459792 | < 5 | 3.48 |
| 459793 | 10 | 3.25 |
| 459794 | < 5 | 3.43 |
| 459795 | < 5 | 3.34 |
| 459796 | < 5 | 3.65 |
| 459797 | < 5 | 3.13 |
| 459798 | 37 | 3.50 |
| 459799 | < 5 | 3.06 |
| 459800 | < 5 | 3.40 |
| 459801 | 17 | 3.21 |
| 459802 | 19 | 3.28 |
| 459803 | 226 | 0.0650 |
| 459804 | < 5 | 3.66 |
| 459805 | < 5 | 3.33 |
| 459806 | < 5 | 3.63 |
| 459807 | < 5 | 3.26 |
| 459808 | 6 | 3.47 |
| 459809 | < 5 | 3.07 |
| 459810 | < 5 | 3.37 |
| 459811 | < 5 | 3.50 |
| 459812 | < 5 | 3.11 |
| 459813 | < 5 | 3.59 |
| 459814 | < 5 | 3.89 |
| 459815 | < 5 | 0.302 |
| 459816 | < 5 | 3.96 |
| 459817 | < 5 | 3.91 |
| 459818 | < 5 | 3.79 |
| 459819 | < 5 | 3.35 |
| 459820 | < 5 | 3.83 |
| 459821 | < 5 | 3.79 |
| 459822 | < 5 | 3.47 |
| 459823 | < 5 | 3.87 |
| 459824 | < 5 | 3.87 |
| 459825 | < 5 | 3.97 |
| 459826 | < 5 | 3.59 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459827 | < 5 | 3.79 |
| 459828 | 509 | 0.0650 |
| 459829 | < 5 | 3.58 |
| 459830 | 83 | 3.69 |
| 459831 | 198 | 3.89 |
| 459832 | 10 | 4.10 |
| 459833 | < 5 | 4.03 |
| 459834 | < 5 | 3.10 |
| 459835 | 11 | 3.51 |
| 459836 | < 5 | 3.62 |
| 459837 | < 5 | 3.57 |
| 459838 | < 5 | 3.76 |
| 459839 | < 5 | 3.78 |
| 459840 | < 5 | 0.301 |
| 459841 | < 5 | 3.55 |
| 459842 | < 5 | 3.57 |
| 459843 | < 5 | 3.39 |
| 459844 | < 5 | 3.42 |
| 459845 | < 5 | 3.65 |
| 459846 | < 5 | 3.69 |
| 459847 | < 5 | 3.00 |
| 459848 | < 5 | 3.26 |
| 459849 | < 5 | 3.39 |
| 459850 | < 5 | 3.68 |
| 459851 | < 5 | 3.79 |
| 459852 | < 5 | 3.52 |
| 459853 | 731 | 0.0640 |
| 459854 | < 5 | 3.25 |
| 459855 | < 5 | 3.97 |
| 459856 | < 5 | 3.93 |
| 459857 | < 5 | 3.94 |
| 459858 | < 5 | 3.13 |
| 459859 | 14 | 3.36 |
| 459860 | < 5 | 3.41 |
| 459861 | < 5 | 3.31 |
| 459862 | < 5 | 2.95 |
| 459863 | < 5 | 3.09 |
| 459864 | < 5 | 3.27 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459865 | < 5 | 0.301 |
| 459866 | < 5 | 3.51 |
| 459867 | < 5 | 3.65 |
| 459868 | < 5 | 3.63 |
| 459869 | < 5 | 3.95 |
| 459870 | < 5 | 3.09 |
| 459871 | < 5 | 3.32 |
| 459872 | < 5 | 3.20 |
| 459873 | < 5 | 2.84 |
| 459874 | < 5 | 3.23 |
| 459875 | 14 | 3.04 |
| 459876 | < 5 | 3.30 |
| 459877 | 10 | 3.83 |
| 459878 | 1590 | 0.0640 |
| 459879 | < 5 | 3.17 |
| 459880 | < 5 | 3.19 |
| 459881 | 6 | 3.13 |
| 459882 | 5 | 3.23 |
| 459883 | 22 | 3.24 |
| 459884 | < 5 | 3.97 |
| 459885 | < 5 | 4.23 |
| 459886 | < 5 | 3.79 |
| 459887 | < 5 | 3.54 |
| 459888 | 6 | 3.24 |
| 459889 | 32 | 3.36 |
| 459890 | < 5 | 0.293 |
| 459891 | 90 | 3.79 |
| 459892 | 30 | 3.86 |
| 459893 | 12 | 3.11 |
| 459894 | 33 | 3.37 |
| 459895 | 24 | 3.01 |
| 459896 | 16 | 2.93 |
| 459897 | 33 | 3.13 |
| 459898 | 52 | 2.96 |
| 459899 | 63 | 3.22 |
| 459900 | 28 | 3.41 |
| 459901 | < 5 | 3.32 |
| 459902 | < 5 | 3.06 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459903 | 233 | 0.0650 |
| 459904 | 15 | 3.81 |
| 459905 | < 5 | 3.65 |
| 459906 | 9 | 3.33 |
| 459907 | 26 | 3.69 |
| 459908 | 18 | 3.72 |
| 459909 | < 5 | 3.91 |
| 459910 | < 5 | 3.04 |
| 459911 | < 5 | 3.50 |
| 459912 | 14 | 3.78 |
| 459913 | 166 | 3.85 |
| 459914 | 30 | 3.86 |
| 459915 | < 5 | 0.299 |
| 459916 | 12 | 3.80 |
| 459917 | < 5 | 3.36 |

| | |
|-----------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 254 Meas | 2640 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2590 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2620 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2500 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2560 |
| OREAS 254 Cert | 2550 |
| OREAS 218 Meas | 549 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 546 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 553 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 549 |
| OREAS 218 Cert | 531 |
| 459763 Orig | < 5 |
| 459763 Dup | < 5 |
| 459774 Orig | < 5 |
| 459774 Dup | < 5 |
| 459784 Orig | < 5 |
| 459784 Dup | < 5 |
| 459798 Orig | 37 |
| 459809 Orig | < 5 |
| 459809 Dup | < 5 |
| 459819 Orig | < 5 |
| 459819 Dup | < 5 |
| 459833 Orig | < 5 |
| 459833 Dup | < 5 |
| 459844 Orig | < 5 |
| 459844 Dup | < 5 |
| 459854 Orig | < 5 |
| 459854 Dup | < 5 |
| 459868 Orig | < 5 |
| 459868 Dup | < 5 |
| 459879 Orig | < 5 |
| 459879 Dup | < 5 |
| 459889 Orig | 32 |
| | |

| | |
|-----------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 459889 Dup | 41 |
| 459904 Orig | 15 |
| 459904 Dup | 19 |
| 459914 Orig | 30 |
| 459914 Dup | 34 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 08-Feb-18
Invoice No.: A18-01462
Invoice Date: 22-Feb-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01462**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized with a large, looped 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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
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Date Submitted: 08-Feb-18
Invoice No.: A18-01462
Invoice Date: 22-Feb-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

REPORT **A18-01462**

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

CERTIFIED BY:



Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460001 | < 5 | 3.12 |
| 460002 | < 5 | 3.41 |
| 460003 | 228 | 0.0650 |
| 460004 | < 5 | 1.96 |
| 460005 | < 5 | 2.90 |
| 460006 | 5 | 2.37 |
| 460007 | < 5 | 2.59 |
| 460008 | < 5 | 4.01 |
| 460009 | < 5 | 4.28 |
| 460010 | < 5 | 3.16 |
| 460011 | < 5 | 4.50 |
| 460012 | < 5 | 3.55 |
| 460013 | < 5 | 3.70 |
| 460014 | < 5 | 3.69 |
| 460015 | < 5 | 0.298 |
| 460016 | < 5 | 3.50 |
| 460017 | < 5 | 3.28 |
| 460018 | < 5 | 3.65 |
| 460019 | < 5 | 3.54 |
| 460020 | < 5 | 3.78 |
| 460021 | < 5 | 3.50 |
| 460022 | < 5 | 3.57 |
| 460023 | < 5 | 3.52 |
| 460024 | < 5 | 3.70 |
| 460025 | < 5 | 3.60 |
| 460026 | < 5 | 3.72 |
| 460027 | < 5 | 3.59 |
| 460028 | 502 | 0.0660 |
| 460029 | < 5 | 3.58 |
| 460030 | < 5 | 3.72 |
| 460031 | < 5 | 3.51 |
| 460032 | < 5 | 4.04 |
| 460033 | < 5 | 4.21 |
| 460034 | < 5 | 3.02 |
| 460035 | < 5 | 3.68 |
| 460036 | < 5 | 3.46 |
| 460037 | < 5 | 3.82 |
| 460038 | < 5 | 3.86 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460039 | < 5 | 3.98 |
| 460040 | < 5 | 0.304 |
| 460041 | 6 | 4.05 |
| 460042 | < 5 | 4.10 |
| 460043 | < 5 | 3.51 |
| 460044 | < 5 | 3.46 |
| 460045 | < 5 | 3.22 |
| 460046 | < 5 | 4.17 |
| 460047 | < 5 | 3.93 |
| 460048 | < 5 | 3.35 |
| 460049 | < 5 | 3.66 |
| 460050 | < 5 | 4.24 |
| 460051 | < 5 | 2.53 |
| 460052 | < 5 | 1.86 |
| 460053 | 704 | 0.0670 |
| 460054 | < 5 | 3.86 |
| 460055 | 13 | 3.64 |
| 460056 | < 5 | 3.45 |
| 460057 | < 5 | 4.02 |
| 460058 | < 5 | 4.04 |
| 460059 | < 5 | 3.50 |
| 460060 | < 5 | 3.93 |
| 460061 | < 5 | 2.89 |
| 460062 | < 5 | 2.07 |
| 460063 | < 5 | 3.79 |
| 460064 | < 5 | 3.89 |
| 460065 | < 5 | 0.301 |
| 460066 | < 5 | 3.51 |
| 460067 | < 5 | 3.81 |
| 460068 | < 5 | 3.66 |
| 460069 | 8 | 3.91 |
| 460070 | < 5 | 3.55 |
| 460071 | < 5 | 3.43 |
| 460072 | < 5 | 3.48 |
| 460073 | < 5 | 3.63 |
| 460074 | < 5 | 4.04 |
| 460075 | < 5 | 1.69 |
| 460076 | < 5 | 2.47 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460077 | < 5 | 2.19 |
| 460078 | 1600 | 0.0640 |
| 460079 | < 5 | 3.39 |
| 460080 | < 5 | 3.94 |
| 460081 | < 5 | 3.04 |
| 460082 | < 5 | 2.42 |
| 460083 | < 5 | 1.93 |
| 460084 | < 5 | 3.51 |
| 460085 | < 5 | 2.33 |
| 460086 | < 5 | 3.27 |
| 460087 | < 5 | 3.18 |
| 460088 | 5 | 3.96 |
| 460089 | < 5 | 3.98 |
| 460090 | < 5 | 0.300 |
| 460091 | < 5 | 3.63 |
| 460092 | < 5 | 3.48 |
| 460093 | < 5 | 2.68 |
| 460094 | < 5 | 1.99 |
| 460095 | < 5 | 3.51 |
| 460096 | < 5 | 3.98 |
| 460097 | < 5 | 3.62 |
| 460098 | < 5 | 3.52 |
| 460099 | < 5 | 3.49 |
| 460100 | < 5 | 2.15 |
| 460101 | < 5 | 3.88 |
| 460102 | < 5 | 4.06 |
| 460103 | 226 | 0.0660 |
| 460104 | < 5 | 3.80 |
| 460105 | < 5 | 3.64 |
| 460106 | < 5 | 4.10 |
| 460107 | < 5 | 2.63 |
| 460108 | < 5 | 3.78 |
| 460109 | < 5 | 3.67 |
| 460110 | < 5 | 3.49 |
| 460111 | < 5 | 3.61 |
| 460112 | < 5 | 3.46 |
| 460113 | < 5 | 3.65 |
| 460114 | < 5 | 3.87 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460115 | < 5 | 0.298 |
| 460116 | < 5 | 3.53 |
| 460117 | < 5 | 1.28 |
| 460118 | < 5 | 3.68 |
| 460119 | < 5 | 2.27 |
| 460120 | < 5 | 2.11 |
| 460121 | < 5 | 2.90 |
| 460122 | < 5 | 3.66 |
| 460123 | < 5 | 4.05 |
| 460124 | < 5 | 3.89 |
| 460125 | < 5 | 3.73 |
| 460126 | < 5 | 3.84 |
| 460128 | 519 | 0.0650 |
| 460129 | < 5 | 3.77 |
| 460130 | < 5 | 3.60 |
| 460131 | < 5 | 3.60 |
| 460132 | < 5 | 3.47 |
| 460133 | < 5 | 3.91 |
| 460134 | < 5 | 4.21 |
| 460135 | < 5 | 3.80 |
| 460136 | < 5 | 3.55 |
| 460137 | < 5 | 3.84 |
| 460138 | < 5 | 3.43 |
| 460139 | < 5 | 3.52 |
| 460140 | < 5 | 0.313 |
| 460141 | < 5 | 3.91 |
| 460142 | < 5 | 4.05 |
| 460143 | < 5 | 3.63 |
| 460144 | < 5 | 4.24 |
| 460145 | < 5 | 3.57 |
| 460146 | < 5 | 3.32 |
| 460147 | < 5 | 3.64 |
| 460148 | < 5 | 3.66 |
| 460149 | < 5 | 3.85 |
| 460150 | < 5 | 3.97 |
| 460151 | < 5 | 3.57 |
| 460152 | < 5 | 3.42 |
| 460153 | 698 | 0.0670 |

| Analyte Symbol | Au | Received Weight |
|-----------------|-------------|--------------------|
| Package Code | 1A2-50-Tbay | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460154 | < 5 | 3.67 |
| 460155 | < 5 | 4.11 |
| 460156 | < 5 | 3.71 |
| 460157 | < 5 | 3.99 |
| 460158 | < 5 | 3.64 |
| 460159 | < 5 | 3.48 |
| 460160 | < 5 | 2.47 |
| 460161 | < 5 | 3.64 |
| 460162 | < 5 | 3.97 |
| 460163 | < 5 | 3.71 |
| 460164 | < 5 | 2.43 |
| 460165 | < 5 | 0.298 |
| 460166 | < 5 | 3.54 |
| 460167 | < 5 | 3.44 |
| 460168 | < 5 | 3.63 |
| 460169 | < 5 | 3.65 |
| 460170 | < 5 | 3.44 |
| 460171 | < 5 | 3.45 |
| 460172 | < 5 | 3.24 |
| 460173 | < 5 | 4.04 |
| 460174 | 23 | 2.70 |
| 460175 | 395 | 1.81 |
| 460176 | 45 | 1.68 |

| | |
|-----------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 254 Meas | 2630 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2620 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2590 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2530 |
| OREAS 254 Cert | 2550 |
| OREAS 254 Meas | 2500 |
| OREAS 254 Cert | 2550 |
| OREAS 218 Meas | 542 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 554 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 545 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 541 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 535 |
| OREAS 218 Cert | 531 |
| 460010 Orig | < 5 |
| 460010 Dup | < 5 |
| 460020 Orig | < 5 |
| 460020 Dup | < 5 |
| 460030 Orig | < 5 |
| 460030 Dup | < 5 |
| 460045 Orig | < 5 |
| 460045 Dup | < 5 |
| 460055 Orig | 13 |
| 460055 Dup | 11 |
| 460065 Orig | < 5 |
| 460065 Dup | < 5 |
| 460080 Orig | < 5 |
| 460080 Dup | < 5 |
| 460090 Orig | < 5 |
| 460090 Dup | < 5 |
| 460100 Orig | < 5 |
| 460100 Dup | < 5 |
| 460115 Orig | < 5 |
| 460115 Dup | < 5 |
| | |

| | |
|-----------------|-------------|
| Analyte Symbol | Au |
| Package Code | 1A2-50-Tbay |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 460125 Orig | < 5 |
| 460125 Dup | < 5 |
| 460136 Orig | < 5 |
| 460136 Dup | < 5 |
| 460151 Orig | < 5 |
| 460151 Dup | < 5 |
| 460161 Orig | < 5 |
| 460161 Dup | < 5 |
| 460171 Orig | < 5 |
| 460171 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 08-Feb-18
Invoice No.: A18-01469
Invoice Date: 26-Feb-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

186 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-01469**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E'.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765401 | 11 | 2.47 |
| 765402 | < 5 | 3.54 |
| 765403 | 225 | 0.0650 |
| 765404 | < 5 | 4.36 |
| 765405 | < 5 | 3.94 |
| 765406 | < 5 | 4.07 |
| 765407 | < 5 | 3.92 |
| 765408 | < 5 | 4.23 |
| 765409 | < 5 | 4.08 |
| 765410 | < 5 | 3.61 |
| 765411 | < 5 | 3.82 |
| 765412 | < 5 | 4.23 |
| 765413 | < 5 | 4.47 |
| 765414 | < 5 | 4.80 |
| 765415 | < 5 | 0.295 |
| 765416 | < 5 | 4.43 |
| 765417 | < 5 | 4.32 |
| 765418 | < 5 | 3.97 |
| 765419 | < 5 | 4.03 |
| 765420 | < 5 | 4.55 |
| 765421 | 6 | 3.69 |
| 765422 | 5 | 3.42 |
| 765423 | < 5 | 4.10 |
| 765424 | < 5 | 3.54 |
| 765425 | < 5 | 3.61 |
| 765426 | < 5 | 0.735 |
| 765427 | < 5 | 2.57 |
| 765428 | 497 | 0.0650 |
| 765429 | < 5 | 2.51 |
| 765430 | < 5 | 2.43 |
| 765431 | < 5 | 3.66 |
| 765432 | < 5 | 4.05 |
| 765433 | < 5 | 3.66 |
| 765434 | < 5 | 3.66 |
| 765435 | < 5 | 3.90 |
| 765436 | < 5 | 3.92 |
| 765437 | < 5 | 3.44 |
| 765438 | < 5 | 3.44 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765439 | < 5 | 3.94 |
| 765440 | 6 | 0.297 |
| 765441 | 6 | 4.02 |
| 765442 | 8 | 3.92 |
| 765443 | 6 | 3.73 |
| 765444 | < 5 | 3.51 |
| 765445 | < 5 | 3.66 |
| 765446 | < 5 | 3.58 |
| 765447 | < 5 | 3.75 |
| 765448 | < 5 | 3.72 |
| 765449 | < 5 | 3.73 |
| 765450 | < 5 | 3.36 |
| 765451 | < 5 | 1.57 |
| 765452 | < 5 | 2.35 |
| 765453 | 682 | 0.0640 |
| 765454 | < 5 | 2.83 |
| 765455 | < 5 | 4.47 |
| 765456 | < 5 | 4.29 |
| 765457 | < 5 | 4.34 |
| 765458 | 8 | 4.39 |
| 765459 | 65 | 3.57 |
| 765460 | < 5 | 3.81 |
| 765461 | < 5 | 3.73 |
| 765462 | < 5 | 3.88 |
| 765463 | < 5 | 3.75 |
| 765464 | 26 | 4.41 |
| 765465 | < 5 | 0.299 |
| 765466 | 7 | 4.86 |
| 765467 | < 5 | 2.87 |
| 765468 | < 5 | 4.21 |
| 765469 | < 5 | 4.07 |
| 765470 | 12 | 3.96 |
| 765471 | < 5 | 3.30 |
| 765472 | < 5 | 2.47 |
| 765473 | < 5 | 2.28 |
| 765474 | < 5 | 2.35 |
| 765475 | < 5 | 2.40 |
| 765476 | < 5 | 3.65 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765477 | < 5 | 1.14 |
| 765478 | 1570 | 0.0640 |
| 765479 | 9 | 1.81 |
| 765480 | < 5 | 2.22 |
| 765481 | < 5 | 3.97 |
| 765482 | < 5 | 3.41 |
| 765483 | < 5 | 3.70 |
| 765484 | < 5 | 4.31 |
| 765485 | < 5 | 3.74 |
| 765486 | < 5 | 3.88 |
| 765487 | < 5 | 2.33 |
| 765488 | < 5 | 2.78 |
| 765489 | < 5 | 4.00 |
| 765490 | < 5 | 0.298 |
| 765491 | < 5 | 3.88 |
| 765492 | < 5 | 4.21 |
| 765493 | < 5 | 3.81 |
| 765494 | < 5 | 3.36 |
| 765495 | < 5 | 2.71 |
| 765496 | < 5 | 2.71 |
| 765497 | < 5 | 3.40 |
| 765498 | < 5 | 2.09 |
| 765499 | < 5 | 1.41 |
| 765500 | < 5 | 3.82 |
| 765501 | < 5 | 2.41 |
| 765502 | < 5 | 2.62 |
| 765503 | 218 | 0.0630 |
| 765504 | < 5 | 4.14 |
| 765505 | < 5 | 3.81 |
| 765506 | < 5 | 3.93 |
| 765507 | < 5 | 3.95 |
| 765508 | < 5 | 3.57 |
| 765509 | < 5 | 3.82 |
| 765510 | < 5 | 3.75 |
| 765511 | < 5 | 2.74 |
| 765512 | < 5 | 2.83 |
| 765513 | < 5 | 3.04 |
| 765514 | < 5 | 2.86 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765515 | < 5 | 0.296 |
| 765516 | < 5 | 4.21 |
| 765517 | < 5 | 4.64 |
| 765518 | < 5 | 3.99 |
| 765519 | < 5 | 2.10 |
| 765520 | < 5 | 2.39 |
| 765521 | 6 | 3.57 |
| 765522 | 7 | 4.14 |
| 765523 | < 5 | 3.98 |
| 765524 | < 5 | 3.55 |
| 765525 | < 5 | 3.95 |
| 765526 | < 5 | 2.45 |
| 765527 | < 5 | 2.43 |
| 765528 | 512 | 0.0650 |
| 765529 | < 5 | 2.44 |
| 765530 | < 5 | 3.82 |
| 765531 | < 5 | 3.97 |
| 765532 | < 5 | 4.15 |
| 765533 | < 5 | 2.56 |
| 765534 | < 5 | 2.84 |
| 765535 | 6 | 3.94 |
| 765536 | < 5 | 3.88 |
| 765537 | < 5 | 4.05 |
| 765538 | < 5 | 2.18 |
| 765539 | < 5 | 2.23 |
| 765540 | < 5 | 0.301 |
| 765541 | < 5 | 3.58 |
| 765542 | < 5 | 3.94 |
| 765543 | < 5 | 3.67 |
| 765544 | < 5 | 4.06 |
| 765545 | < 5 | 4.14 |
| 765546 | < 5 | 2.20 |
| 765547 | < 5 | 2.84 |
| 765548 | < 5 | 4.13 |
| 765549 | < 5 | 3.73 |
| 765550 | < 5 | 3.11 |
| 765551 | 27 | 1.89 |
| 765552 | < 5 | 3.64 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 765553 | 721 | 0.0660 |
| 765554 | < 5 | 3.74 |
| 765555 | < 5 | 2.43 |
| 765556 | < 5 | 2.35 |
| 765557 | < 5 | 2.43 |
| 765558 | < 5 | 4.13 |
| 765559 | < 5 | 3.58 |
| 765560 | < 5 | 3.50 |
| 765561 | < 5 | 3.74 |
| 765562 | < 5 | 3.73 |
| 765563 | < 5 | 3.81 |
| 765564 | < 5 | 4.10 |
| 765565 | < 5 | 0.306 |
| 765566 | < 5 | 4.39 |
| 765567 | < 5 | 3.87 |
| 765568 | < 5 | 3.68 |
| 765569 | < 5 | 3.88 |
| 765570 | < 5 | 3.87 |
| 765571 | < 5 | 2.98 |
| 765572 | < 5 | 2.89 |
| 765573 | < 5 | 3.82 |
| 765574 | 10 | 3.53 |
| 765575 | < 5 | 3.89 |
| 765576 | < 5 | 4.09 |
| 765577 | < 5 | 3.90 |
| 765578 | 1560 | 0.0660 |
| 765579 | < 5 | 4.02 |
| 765580 | < 5 | 3.73 |
| 765581 | < 5 | 3.31 |
| 765582 | < 5 | 3.98 |
| 765583 | < 5 | 2.72 |
| 765584 | < 5 | 2.50 |
| 765585 | < 5 | 2.89 |
| 765586 | < 5 | 3.67 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2900 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 516 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 518 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 511 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 517 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 525 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 524 |
| OREAS 218 Cert | 531 |
| 765413 Orig | < 5 |
| 765413 Dup | < 5 |
| 765421 Orig | 6 |
| 765421 Dup | < 5 |
| 765425 Orig | < 5 |
| 765425 Dup | < 5 |
| 765448 Orig | < 5 |
| 765448 Dup | < 5 |
| 765456 Orig | < 5 |
| 765456 Dup | < 5 |
| 765462 Orig | < 5 |
| 765462 Dup | < 5 |
| 765483 Orig | < 5 |
| 765483 Dup | < 5 |
| 765491 Orig | < 5 |
| 765491 Dup | < 5 |
| 765495 Orig | < 5 |
| 765495 Dup | < 5 |
| 765518 Orig | < 5 |
| 765518 Dup | < 5 |
| 765526 Orig | < 5 |
| 765526 Dup | < 5 |
| 765530 Orig | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 765530 Dup | < 5 |
| 765552 Orig | < 5 |
| 765552 Dup | < 5 |
| 765561 Orig | < 5 |
| 765561 Dup | < 5 |
| 765565 Orig | < 5 |
| 765565 Dup | < 5 |
| 765579 Orig | < 5 |
| 765579 Dup | < 5 |
| 765586 Orig | < 5 |
| 765586 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
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| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 23-Feb-18
Invoice No.: A18-02149
Invoice Date: 26-Mar-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

243 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-02149**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.
Quality Control

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 | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637402 | < 5 | 2.33 |
| 637403 | 238 | 0.0660 |
| 637404 | < 5 | 3.24 |
| 637405 | < 5 | 2.74 |
| 637406 | < 5 | 2.40 |
| 637407 | 5 | 3.03 |
| 637408 | 5 | 2.72 |
| 637409 | 7 | 3.43 |
| 637410 | 6 | 2.69 |
| 637411 | 7 | 2.18 |
| 637412 | 7 | 2.36 |
| 637413 | 7 | 3.31 |
| 637414 | 6 | 3.70 |
| 637415 | < 5 | 0.302 |
| 637416 | < 5 | 2.53 |
| 637417 | < 5 | 2.65 |
| 637418 | < 5 | 2.46 |
| 637419 | < 5 | 2.64 |
| 637420 | < 5 | 2.33 |
| 637421 | < 5 | 2.63 |
| 637422 | < 5 | 2.82 |
| 637423 | < 5 | 2.14 |
| 637424 | < 5 | 2.79 |
| 637425 | < 5 | 2.69 |
| 637426 | < 5 | 2.27 |
| 637427 | < 5 | 2.56 |
| 637428 | 520 | 0.0680 |
| 637429 | < 5 | 2.48 |
| 637430 | < 5 | 2.14 |
| 637431 | < 5 | 2.35 |
| 637432 | < 5 | 2.47 |
| 637433 | < 5 | 2.19 |
| 637434 | < 5 | 2.59 |
| 637435 | < 5 | 2.25 |
| 637436 | < 5 | 2.12 |
| 637437 | < 5 | 2.46 |
| 637438 | < 5 | 1.77 |
| 637439 | < 5 | 4.28 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637440 | < 5 | 0.300 |
| 637441 | < 5 | 2.42 |
| 637442 | < 5 | 2.64 |
| 637443 | < 5 | 2.47 |
| 637444 | < 5 | 2.23 |
| 637445 | < 5 | 2.71 |
| 637446 | < 5 | 2.21 |
| 637447 | < 5 | 3.31 |
| 637448 | < 5 | 1.97 |
| 637449 | 6 | 2.37 |
| 637450 | 5 | 2.30 |
| 637451 | < 5 | 2.40 |
| 637452 | < 5 | 2.53 |
| 637453 | 710 | 0.0660 |
| 637454 | < 5 | 2.19 |
| 637455 | < 5 | 1.92 |
| 637456 | < 5 | 2.67 |
| 637457 | < 5 | 2.34 |
| 637458 | < 5 | 2.10 |
| 637459 | < 5 | 1.99 |
| 637460 | 5 | 2.24 |
| 637461 | < 5 | 2.00 |
| 637462 | < 5 | 2.44 |
| 637463 | < 5 | 2.23 |
| 637464 | 5 | 2.01 |
| 637465 | < 5 | 0.291 |
| 637466 | < 5 | 1.90 |
| 637467 | < 5 | 2.54 |
| 637468 | < 5 | 2.35 |
| 637469 | < 5 | 2.48 |
| 637470 | < 5 | 2.09 |
| 637471 | < 5 | 2.39 |
| 637472 | < 5 | 2.58 |
| 637473 | 5 | 2.43 |
| 637474 | < 5 | 2.01 |
| 637475 | < 5 | 2.22 |
| 637476 | < 5 | 2.93 |
| 637477 | < 5 | 2.10 |

| Analyte Symbol | Au | Received Weight |
|---------------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637478 | 1650 | 0.0660 |
| 637479 | < 5 | 2.33 |
| 637480 | < 5 | 2.52 |
| 637481 | < 5 | 3.62 |
| 637482 | < 5 | 1.98 |
| 637483 | < 5 | 3.77 |
| 637484 | < 5 | 2.67 |
| 637485 | < 5 | 2.72 |
| 637486 | < 5 | 2.12 |
| 637487 | < 5 | 2.69 |
| 637488 | < 5 | 2.37 |
| 637489 | 6 | 2.39 |
| 637490 | < 5 | 2.20 |
| 637491 | < 5 | 2.59 |
| 637492 | < 5 | 4.09 |
| 637493 | < 5 | 2.61 |
| 637494 | < 5 | 2.21 |
| 637495 | < 5 | 0.302 |
| 637496 | < 5 | 2.11 |
| 637497 | < 5 | 2.12 |
| 637498 | < 5 | 2.52 |
| 637499 | < 5 | 2.13 |
| 637500 | < 5 | 2.01 |
| 638501 | < 5 | 2.50 |
| 638502 | < 5 | 2.51 |
| 638503 | 232 | 0.0650 |
| 638504 | < 5 | 1.89 |
| 638505 | < 5 | 2.21 |
| 638506 | < 5 | 2.44 |
| 638507 | < 5 | 2.26 |
| 638508 Not a sample | | 0.000 |
| 638509 | < 5 | 4.11 |
| 638510 | < 5 | 3.74 |
| 638511 | 7 | 2.45 |
| 638512 | 6 | 2.36 |
| 638513 | < 5 | 2.13 |
| 638514 | < 5 | 2.09 |
| | | |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638515 | < 5 | 0.290 |
| 638516 | < 5 | 2.21 |
| 638517 | < 5 | 2.25 |
| 638518 | < 5 | 1.84 |
| 638519 | < 5 | 1.79 |
| 638520 | < 5 | 2.83 |
| 638521 | < 5 | 3.09 |
| 638522 | < 5 | 1.62 |
| 638523 | < 5 | 2.80 |
| 638524 | 7 | 2.46 |
| 638525 | 6 | 2.58 |
| 638526 | < 5 | 2.47 |
| 638527 | < 5 | 2.07 |
| 638528 | 518 | 0.0630 |
| 638529 | 5 | 2.81 |
| 638530 | < 5 | 2.35 |
| 638531 | < 5 | 2.14 |
| 638532 | 5 | 2.62 |
| 638533 | < 5 | 2.28 |
| 638534 | 7 | 2.32 |
| 638535 | 9 | 2.48 |
| 638536 | 7 | 2.53 |
| 638537 | 6 | 2.12 |
| 638538 | < 5 | 1.97 |
| 638539 | < 5 | 2.29 |
| 638540 | < 5 | 0.292 |
| 638541 | < 5 | 2.79 |
| 638542 | < 5 | 2.74 |
| 638543 | < 5 | 2.51 |
| 638544 | < 5 | 3.33 |
| 638545 | < 5 | 1.34 |
| 638546 | < 5 | 4.06 |
| 638547 | 5 | 2.33 |
| 638548 | < 5 | 2.50 |
| 638549 | < 5 | 2.51 |
| 638550 | < 5 | 2.28 |
| 638551 | < 5 | 2.85 |
| 638552 | < 5 | 2.55 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638553 | 707 | 0.0670 |
| 638554 | < 5 | 2.09 |
| 638555 | < 5 | 2.50 |
| 638556 | < 5 | 2.56 |
| 638557 | < 5 | 2.64 |
| 638558 | < 5 | 2.62 |
| 638559 | < 5 | 2.71 |
| 638560 | < 5 | 2.22 |
| 638561 | < 5 | 2.29 |
| 638562 | < 5 | 1.84 |
| 638563 | < 5 | 2.59 |
| 638564 | < 5 | 2.65 |
| 638565 | < 5 | 0.290 |
| 638566 | < 5 | 2.67 |
| 638567 | < 5 | 2.99 |
| 638568 | 6 | 2.63 |
| 638569 | < 5 | 2.53 |
| 638570 | < 5 | 2.18 |
| 638571 | < 5 | 2.51 |
| 638572 | < 5 | 2.59 |
| 638573 | < 5 | 2.32 |
| 638574 | < 5 | 2.88 |
| 638575 | 5 | 4.58 |
| 638576 | < 5 | 3.23 |
| 638577 | < 5 | 2.17 |
| 638578 | 1610 | 0.0660 |
| 638579 | < 5 | 2.34 |
| 638580 | < 5 | 2.21 |
| 638581 | < 5 | 2.64 |
| 638582 | < 5 | 2.67 |
| 638583 | < 5 | 2.69 |
| 638584 | < 5 | 2.34 |
| 638585 | < 5 | 2.75 |
| 638586 | 30 | 2.30 |
| 638587 | < 5 | 2.31 |
| 638588 | < 5 | 2.19 |
| 638589 | < 5 | 2.40 |
| 638590 | < 5 | 0.291 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638591 | < 5 | 2.50 |
| 638592 | < 5 | 2.42 |
| 638593 | < 5 | 2.35 |
| 638594 | < 5 | 2.33 |
| 638595 | < 5 | 2.07 |
| 638596 | < 5 | 2.27 |
| 638597 | < 5 | 2.52 |
| 638598 | < 5 | 2.47 |
| 638599 | < 5 | 2.55 |
| 638600 | < 5 | 2.66 |
| 638601 | 6 | 1.97 |
| 638602 | 9 | 2.50 |
| 638603 | 1620 | 0.0670 |
| 638604 | < 5 | 2.41 |
| 638605 | < 5 | 2.63 |
| 638606 | < 5 | 2.40 |
| 638607 | < 5 | 2.42 |
| 638608 | < 5 | 2.63 |
| 638609 | < 5 | 2.48 |
| 638610 | < 5 | 1.99 |
| 638611 | < 5 | 2.21 |
| 638612 | < 5 | 2.30 |
| 638613 | < 5 | 2.16 |
| 638614 | < 5 | 2.46 |
| 638615 | < 5 | 0.291 |
| 638616 | < 5 | 2.54 |
| 638617 | < 5 | 2.41 |
| 638618 | < 5 | 2.67 |
| 638619 | < 5 | 2.37 |
| 638620 | < 5 | 2.16 |
| 638621 | < 5 | 2.25 |
| 638622 | < 5 | 2.24 |
| 638623 | < 5 | 2.45 |
| 638624 | < 5 | 2.32 |
| 638625 | < 5 | 2.36 |
| 638626 | < 5 | 2.66 |
| 638627 | < 5 | 2.21 |
| 638628 | 478 | 0.0660 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638629 | < 5 | 2.17 |
| 638630 | < 5 | 2.23 |
| 638631 | < 5 | 2.13 |
| 638632 | < 5 | 2.39 |
| 638633 | < 5 | 2.20 |
| 638634 | < 5 | 2.72 |
| 638635 | < 5 | 2.34 |
| 638636 | < 5 | 2.46 |
| 638637 | < 5 | 2.09 |
| 638638 | < 5 | 2.06 |
| 638639 | < 5 | 2.33 |
| 638640 | < 5 | 0.303 |
| 638641 | < 5 | 2.11 |
| 638642 | < 5 | 2.28 |
| 638643 | < 5 | 2.44 |
| 638644 | < 5 | 2.41 |

| | |
|-----------------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3160 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3190 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3140 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3060 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3130 |
| OREAS 214 Cert | 3030 |
| OREAS 220 (Fire Assay) Meas | 846 |
| OREAS 220 (Fire Assay) Cert | 828 |
| OREAS 220 (Fire Assay) Meas | 927 |
| OREAS 220 (Fire Assay) Cert | 828 |
| OREAS 220 (Fire Assay) Meas | 935 |
| OREAS 220 (Fire Assay) Cert | 828 |
| 637411 Orig | 7 |
| 637411 Dup | 6 |
| 637421 Orig | < 5 |
| 637421 Dup | < 5 |
| 637431 Orig | < 5 |
| 637431 Dup | < 5 |
| 637446 Orig | < 5 |
| 637446 Dup | < 5 |
| 637447 Split Orig | < 5 |
| 637447 Split | < 5 |
| 637455 Orig | < 5 |
| 637455 Dup | < 5 |
| 637465 Orig | < 5 |
| 637465 Dup | < 5 |
| 637480 Orig | < 5 |
| 637480 Dup | < 5 |
| 637490 Orig | < 5 |
| 637490 Dup | < 5 |
| 637500 Orig | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 637500 Dup | < 5 |
| 638509 Split Orig | < 5 |
| 638509 Split | < 5 |
| 638514 Orig | < 5 |
| 638514 Dup | < 5 |
| 638524 Orig | 7 |
| 638524 Dup | 8 |
| 638534 Orig | 7 |
| 638534 Dup | 12 |
| 638549 Orig | < 5 |
| 638549 Dup | < 5 |
| 638551 Split Orig | < 5 |
| 638551 Split | 6 |
| 638558 Orig | < 5 |
| 638558 Dup | < 5 |
| 638568 Orig | 6 |
| 638568 Dup | < 5 |
| 638583 Orig | < 5 |
| 638583 Dup | < 5 |
| 638593 Orig | < 5 |
| 638593 Dup | < 5 |
| 638604 Orig | < 5 |
| 638604 Dup | < 5 |
| 638618 Orig | < 5 |
| 638618 Dup | < 5 |
| 638629 Orig | < 5 |
| 638629 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 13-Mar-18
Invoice No.: A18-03167
Invoice Date: 18-Apr-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

172 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-03167**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456624 | < 5 | 2.49 |
| 456625 | < 5 | 3.03 |
| 456626 | < 5 | 2.86 |
| 456627 | < 5 | 4.02 |
| 456628 | 484 | 0.0600 |
| 456629 | < 5 | 3.72 |
| 456630 | < 5 | 1.28 |
| 456631 | < 5 | 3.15 |
| 456632 | < 5 | 3.00 |
| 456633 | < 5 | 3.76 |
| 456634 | < 5 | 4.32 |
| 456635 | < 5 | 3.67 |
| 456636 | < 5 | 4.21 |
| 456637 | 7 | 3.62 |
| 456638 | < 5 | 3.37 |
| 456639 | < 5 | 3.28 |
| 456640 | < 5 | 0.305 |
| 456641 | < 5 | 3.46 |
| 456642 | < 5 | 3.40 |
| 456643 | < 5 | 3.76 |
| 456644 | < 5 | 3.83 |
| 456645 | < 5 | 3.52 |
| 456646 | < 5 | 3.12 |
| 456647 | < 5 | 3.30 |
| 456648 | < 5 | 3.45 |
| 456649 | < 5 | 3.64 |
| 456650 | < 5 | 3.17 |
| 456651 | < 5 | 3.48 |
| 456652 | 19 | 2.98 |
| 456653 | 656 | 0.0660 |
| 456654 | < 5 | 3.52 |
| 456655 | < 5 | 3.36 |
| 456656 | 10 | 3.93 |
| 456657 | < 5 | 3.69 |
| 456658 | < 5 | 1.05 |
| 456659 | < 5 | 3.65 |
| 456660 | < 5 | 1.10 |
| 456661 | < 5 | 3.61 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456662 | 9 | 3.41 |
| 456663 | < 5 | 3.24 |
| 456664 | < 5 | 3.64 |
| 456665 | < 5 | 0.289 |
| 456666 | < 5 | 3.17 |
| 456667 | 10 | 3.30 |
| 456668 | < 5 | 3.13 |
| 456669 | < 5 | 2.88 |
| 456670 | < 5 | 3.14 |
| 456671 | < 5 | 3.52 |
| 456672 | < 5 | 3.99 |
| 456673 | < 5 | 3.54 |
| 456674 | 5 | 3.37 |
| 456675 | < 5 | 3.68 |
| 456676 | < 5 | 3.13 |
| 456677 | 5 | 3.07 |
| 456678 | 1550 | 0.0680 |
| 456679 | < 5 | 2.90 |
| 456680 | < 5 | 3.24 |
| 456681 | < 5 | 4.34 |
| 456682 | < 5 | 4.05 |
| 456683 | < 5 | 3.79 |
| 456684 | 10 | 3.51 |
| 456685 | < 5 | 3.10 |
| 456686 | < 5 | 3.79 |
| 456687 | < 5 | 4.10 |
| 456688 | < 5 | 3.60 |
| 456689 | < 5 | 3.68 |
| 456690 | < 5 | 0.304 |
| 456691 | < 5 | 4.14 |
| 456692 | < 5 | 4.41 |
| 456693 | < 5 | 4.48 |
| 456694 | < 5 | 4.09 |
| 456695 | 11 | 3.77 |
| 456696 | < 5 | 3.24 |
| 456697 | < 5 | 3.26 |
| 456698 | < 5 | 3.08 |
| 456699 | < 5 | 3.35 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456700 | 8 | 3.55 |
| 456901 | < 5 | 3.74 |
| 456902 | < 5 | 3.68 |
| 456903 | 1550 | 0.0650 |
| 456904 | < 5 | 3.53 |
| 456905 | < 5 | 3.38 |
| 456906 | 5 | 3.37 |
| 456907 | < 5 | 3.06 |
| 456908 | < 5 | 3.16 |
| 456909 | < 5 | 3.35 |
| 456910 | < 5 | 2.84 |
| 456911 | < 5 | 3.65 |
| 456912 | < 5 | 3.42 |
| 456913 | 7 | 2.86 |
| 456914 | < 5 | 2.95 |
| 456915 | < 5 | 0.301 |
| 456916 | < 5 | 3.46 |
| 456917 | 22 | 4.59 |
| 456918 | < 5 | 4.09 |
| 456919 | < 5 | 3.56 |
| 456920 | < 5 | 4.86 |
| 456921 | 7 | 2.55 |
| 456922 | 8 | 2.48 |
| 456923 | < 5 | 2.83 |
| 456924 | < 5 | 3.01 |
| 456925 | < 5 | 2.75 |
| 456926 | < 5 | 3.06 |
| 456927 | < 5 | 3.48 |
| 456928 | 673 | 0.0650 |
| 456929 | < 5 | 3.95 |
| 456930 | < 5 | 2.82 |
| 456931 | < 5 | 3.20 |
| 456932 | 5 | 3.35 |
| 456933 | 52 | 3.43 |
| 456934 | 8 | 3.40 |
| 456935 | 19 | 3.21 |
| 456936 | < 5 | 4.02 |
| 456937 | 10 | 4.09 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456938 | 8 | 3.51 |
| 456939 | 7 | 4.35 |
| 456940 | < 5 | 0.300 |
| 456941 | 7 | 4.03 |
| 456942 | 7 | 4.24 |
| 456943 | 14 | 4.57 |
| 456944 | < 5 | 4.25 |
| 456945 | 5 | 4.04 |
| 456946 | 5 | 4.01 |
| 456947 | 7 | 3.94 |
| 456948 | 10 | 4.06 |
| 456949 | 71 | 3.55 |
| 456950 | 11 | 3.49 |
| 456951 | 14 | 3.44 |
| 456952 | 6 | 3.88 |
| 456953 | 666 | 0.0670 |
| 456954 | < 5 | 4.07 |
| 456955 | 38 | 4.40 |
| 456956 | 6 | 4.49 |
| 456957 | < 5 | 3.88 |
| 456958 | < 5 | 3.61 |
| 456959 | < 5 | 2.70 |
| 456960 | < 5 | 3.56 |
| 456961 | < 5 | 1.05 |
| 456962 | < 5 | 3.71 |
| 456963 | < 5 | 3.53 |
| 456964 | < 5 | 2.78 |
| 456965 | < 5 | 0.302 |
| 456966 | < 5 | 3.23 |
| 456967 | < 5 | 3.60 |
| 456968 | < 5 | 3.83 |
| 456969 | < 5 | 3.58 |
| 456970 | < 5 | 3.78 |
| 456971 | 349 | 2.91 |
| 456972 | < 5 | 3.68 |
| 456973 | < 5 | 3.64 |
| 456974 | < 5 | 3.87 |
| 456975 | 5 | 3.85 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456976 | < 5 | 2.62 |
| 456977 | 48 | 2.37 |
| 456978 | 1570 | 0.0670 |
| 456979 | 7 | 3.83 |
| 456980 | 9 | 2.00 |
| 456981 | < 5 | 3.50 |
| 456982 | 6 | 2.63 |
| 456983 | 5 | 3.90 |
| 456984 | < 5 | 3.41 |
| 456985 | < 5 | 2.52 |
| 456986 | < 5 | 2.80 |
| 456987 | < 5 | 3.33 |
| 456988 | 21 | 2.17 |
| 456989 | 11 | 1.98 |
| 456990 | < 5 | 0.303 |
| 456991 | 10 | 3.63 |
| 456992 | < 5 | 3.84 |
| 456993 | 5 | 3.96 |
| 456994 | < 5 | 3.57 |
| 456995 | < 5 | 2.23 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2960 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2880 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2930 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2880 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2900 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 532 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 554 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 550 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 553 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 505 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 525 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 519 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 503 |
| OREAS 218 Cert | 531 |
| 456633 Orig | < 5 |
| 456633 Dup | < 5 |
| 456648 Orig | < 5 |
| 456648 Dup | < 5 |
| 456654 Orig | < 5 |
| 456654 Dup | < 5 |
| 456664 Orig | < 5 |
| 456664 Dup | < 5 |
| 456670 Orig | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 456670 Dup | < 5 |
| 456673 Split Orig | < 5 |
| 456673 Split | < 5 |
| 456683 Orig | < 5 |
| 456683 Dup | < 5 |
| 456902 Orig | < 5 |
| 456902 Dup | < 5 |
| 456917 Orig | 22 |
| 456917 Dup | 16 |
| 456922 Orig | 8 |
| 456922 Dup | < 5 |
| 456924 Split Orig | < 5 |
| 456924 Split | < 5 |
| 456932 Orig | 5 |
| 456932 Dup | < 5 |
| 456941 Orig | 7 |
| 456941 Dup | 9 |
| 456952 Orig | 6 |
| 456952 Dup | 22 |
| 456973 Split Orig | < 5 |
| 456973 Split | < 5 |
| 456985 Orig | < 5 |
| 456985 Dup | < 5 |
| 456990 Orig | < 5 |
| 456990 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | 9 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 16-Mar-18
Invoice No.: A18-03361
Invoice Date: 03-May-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

182 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-03361**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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 | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460177 | < 5 | 2.07 |
| 460178 | 1560 | 0.0640 |
| 460179 | < 5 | 2.11 |
| 460180 | < 5 | 1.27 |
| 460181 | < 5 | 2.15 |
| 460182 | < 5 | 3.05 |
| 460183 | < 5 | 3.67 |
| 460184 | < 5 | 3.07 |
| 460185 | < 5 | 3.47 |
| 460186 | < 5 | 3.25 |
| 460187 | < 5 | 3.48 |
| 460188 | < 5 | 3.38 |
| 460189 | < 5 | 3.12 |
| 460190 | < 5 | 0.309 |
| 460191 | < 5 | 3.14 |
| 460192 | < 5 | 1.02 |
| 460193 | < 5 | 2.43 |
| 460194 | < 5 | 3.34 |
| 460195 | < 5 | 3.18 |
| 460196 | < 5 | 2.62 |
| 460197 | < 5 | 2.71 |
| 460198 | < 5 | 3.26 |
| 460199 | < 5 | 3.36 |
| 460200 | < 5 | 3.44 |
| 460201 | < 5 | 3.03 |
| 460202 | < 5 | 3.15 |
| 460203 | 217 | 0.0680 |
| 460204 | < 5 | 3.27 |
| 460205 | < 5 | 3.38 |
| 460206 | < 5 | 3.32 |
| 460207 | < 5 | 3.26 |
| 460208 | < 5 | 3.51 |
| 460209 | < 5 | 3.28 |
| 460210 | < 5 | 2.45 |
| 460211 | < 5 | 3.41 |
| 460212 | < 5 | 3.38 |
| 460213 | < 5 | 3.35 |
| 460214 | < 5 | 3.73 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460215 | < 5 | 0.306 |
| 460216 | < 5 | 3.47 |
| 460217 | < 5 | 3.33 |
| 460218 | < 5 | 3.53 |
| 460219 | < 5 | 3.28 |
| 460220 | < 5 | 2.43 |
| 460221 | < 5 | 3.33 |
| 460222 | < 5 | 3.28 |
| 460223 | < 5 | 2.47 |
| 460224 | 5 | 2.21 |
| 460225 | < 5 | 2.80 |
| 460226 | < 5 | 2.67 |
| 460227 | < 5 | 3.03 |
| 460228 | 477 | 0.0660 |
| 460229 | < 5 | 2.45 |
| 460230 | < 5 | 2.34 |
| 460231 | < 5 | 2.28 |
| 460232 | < 5 | 2.24 |
| 460233 | < 5 | 3.32 |
| 460234 | < 5 | 3.13 |
| 460235 | < 5 | 3.18 |
| 460236 | < 5 | 1.89 |
| 460237 | < 5 | 3.79 |
| 460238 | < 5 | 3.52 |
| 460239 | < 5 | 3.77 |
| 460240 | < 5 | 0.301 |
| 460241 | < 5 | 3.51 |
| 460242 | < 5 | 3.38 |
| 460243 | < 5 | 3.48 |
| 460244 | < 5 | 3.32 |
| 460245 | < 5 | 2.13 |
| 460246 | < 5 | 2.21 |
| 460247 | < 5 | 3.34 |
| 460248 | < 5 | 3.22 |
| 460249 | < 5 | 2.27 |
| 460250 | < 5 | 1.15 |
| 460251 | < 5 | 3.71 |
| 460252 | < 5 | 3.66 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460253 | 667 | 0.0680 |
| 460254 | < 5 | 3.45 |
| 460255 | < 5 | 3.36 |
| 460256 | < 5 | 3.21 |
| 460257 | < 5 | 3.37 |
| 460258 | < 5 | 3.49 |
| 460259 | 13 | 3.22 |
| 460260 | < 5 | 3.38 |
| 460261 | < 5 | 3.37 |
| 460262 | < 5 | 3.51 |
| 460263 | < 5 | 3.53 |
| 460264 | < 5 | 3.26 |
| 460265 | < 5 | 0.306 |
| 460266 | < 5 | 3.60 |
| 460267 | < 5 | 3.07 |
| 460268 | < 5 | 3.06 |
| 460269 | < 5 | 3.34 |
| 460270 | < 5 | 3.15 |
| 460271 | < 5 | 3.54 |
| 460272 | < 5 | 3.26 |
| 460273 | < 5 | 3.23 |
| 460274 | < 5 | 3.26 |
| 460275 | < 5 | 3.23 |
| 460276 | < 5 | 2.99 |
| 460277 | < 5 | 3.15 |
| 460278 | 1510 | 0.0650 |
| 460279 | < 5 | 3.41 |
| 460280 | < 5 | 3.11 |
| 460281 | < 5 | 3.51 |
| 460282 | < 5 | 3.38 |
| 460283 | < 5 | 3.38 |
| 460284 | < 5 | 3.52 |
| 460285 | < 5 | 3.78 |
| 460286 | < 5 | 3.35 |
| 460287 | < 5 | 3.44 |
| 460288 | < 5 | 2.97 |
| 460289 | < 5 | 2.29 |
| 460290 | < 5 | 0.300 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460291 | < 5 | 2.20 |
| 460292 | < 5 | 3.37 |
| 460293 | < 5 | 3.34 |
| 460294 | < 5 | 3.42 |
| 460295 | < 5 | 3.24 |
| 460296 | < 5 | 3.08 |
| 460297 | < 5 | 3.31 |
| 460298 | 28 | 2.30 |
| 460299 | 5 | 3.36 |
| 460300 | 11 | 3.37 |
| 460301 | < 5 | 2.18 |
| 460302 | < 5 | 2.07 |
| 460303 | 217 | 0.0680 |
| 460304 | < 5 | 3.40 |
| 460305 | < 5 | 3.27 |
| 460306 | < 5 | 3.37 |
| 460307 | < 5 | 3.38 |
| 460308 | < 5 | 3.29 |
| 460309 | < 5 | 3.21 |
| 460310 | < 5 | 3.21 |
| 460311 | < 5 | 3.33 |
| 460312 | < 5 | 3.30 |
| 460313 | < 5 | 3.29 |
| 460314 | < 5 | 2.15 |
| 460315 | < 5 | 0.304 |
| 460316 | < 5 | 3.33 |
| 460317 | < 5 | 3.36 |
| 460318 | < 5 | 2.16 |
| 460319 | < 5 | 3.34 |
| 460320 | < 5 | 3.57 |
| 460321 | < 5 | 3.66 |
| 460322 | < 5 | 3.27 |
| 460323 | < 5 | 3.10 |
| 460324 | < 5 | 3.12 |
| 460325 | < 5 | 2.30 |
| 460326 | < 5 | 2.09 |
| 460327 | < 5 | 2.19 |
| 460328 | 464 | 0.0640 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 460329 | < 5 | 2.05 |
| 460330 | < 5 | 1.51 |
| 460331 | < 5 | 2.10 |
| 460332 | < 5 | 3.18 |
| 460333 | < 5 | 3.43 |
| 460334 | < 5 | 3.36 |
| 460335 | < 5 | 3.17 |
| 460336 | < 5 | 3.26 |
| 460337 | < 5 | 3.04 |
| 460338 | < 5 | 3.32 |
| 460339 | < 5 | 3.38 |
| 460340 | < 5 | 0.309 |
| 460341 | < 5 | 3.26 |
| 460342 | < 5 | 3.11 |
| 460343 | < 5 | 3.34 |
| 460344 | < 5 | 3.19 |
| 460345 | < 5 | 3.36 |
| 460346 | < 5 | 3.06 |
| 460347 | < 5 | 3.41 |
| 460348 | < 5 | 3.35 |
| 460349 | < 5 | 3.14 |
| 460350 | 9 | 3.23 |
| 460351 | 7 | 3.33 |
| 460352 | 6 | 3.22 |
| 460353 | 675 | 0.0690 |
| 460354 | < 5 | 3.43 |
| 460355 | 7 | 3.51 |
| 460356 | 9 | 3.35 |
| 460357 | 13 | 0.644 |
| 460358 | < 5 | 2.00 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2920 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2870 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2900 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2890 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 525 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 519 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 516 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 503 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 521 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 518 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 508 |
| OREAS 218 Cert | 531 |
| 460186 Orig | < 5 |
| 460186 Dup | < 5 |
| 460201 Orig | < 5 |
| 460201 Dup | < 5 |
| 460206 Orig | < 5 |
| 460206 Dup | < 5 |
| 460217 Orig | < 5 |
| 460217 Dup | < 5 |
| 460223 Orig | < 5 |
| 460223 Dup | < 5 |
| 460227 Split Orig | < 5 |
| 460227 Split | < 5 |
| 460236 Orig | < 5 |
| 460236 Dup | < 5 |
| 460255 Orig | < 5 |
| 460255 Dup | < 5 |
| 460270 Orig | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 460270 Dup | < 5 |
| 460277 Split Orig | < 5 |
| 460277 Split | < 5 |
| 460285 Orig | < 5 |
| 460285 Dup | < 5 |
| 460291 Orig | < 5 |
| 460291 Dup | < 5 |
| 460305 Orig | < 5 |
| 460305 Dup | < 5 |
| 460324 Orig | < 5 |
| 460324 Dup | < 5 |
| 460332 Split Orig | < 5 |
| 460332 Split | < 5 |
| 460338 Orig | < 5 |
| 460338 Dup | < 5 |
| 460343 Orig | < 5 |
| 460343 Dup | < 5 |
| 460354 Orig | < 5 |
| 460354 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 16-Mar-18
Invoice No.: A18-03364
Invoice Date: 27-Apr-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

192 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-03364**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with a large, sweeping initial 'E' and is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456701 | 7 | 2.20 |
| 456702 | 6 | 2.08 |
| 456703 | 217 | 0.0680 |
| 456704 | < 5 | 2.26 |
| 456705 | < 5 | 2.69 |
| 456706 | < 5 | 1.39 |
| 456707 | < 5 | 2.09 |
| 456708 | < 5 | 2.11 |
| 456709 | < 5 | 2.33 |
| 456710 | < 5 | 2.10 |
| 456711 | < 5 | 2.08 |
| 456712 | < 5 | 2.55 |
| 456713 | < 5 | 1.45 |
| 456714 | 13 | 3.00 |
| 456715 | < 5 | 0.311 |
| 456716 | < 5 | 3.19 |
| 456717 | < 5 | 2.69 |
| 456718 | < 5 | 3.34 |
| 456719 | < 5 | 2.89 |
| 456720 | < 5 | 3.19 |
| 456721 | < 5 | 3.07 |
| 456722 | < 5 | 3.22 |
| 456723 | < 5 | 1.32 |
| 456724 | < 5 | 2.94 |
| 456725 | < 5 | 2.09 |
| 456726 | < 5 | 2.90 |
| 456727 | < 5 | 3.07 |
| 456728 | 459 | 0.0680 |
| 456729 | < 5 | 2.49 |
| 456730 | < 5 | 3.39 |
| 456731 | < 5 | 3.18 |
| 456732 | < 5 | 2.30 |
| 456733 | 7 | 1.76 |
| 456734 | < 5 | 3.14 |
| 456735 | < 5 | 3.08 |
| 456736 | < 5 | 3.19 |
| 456737 | < 5 | 3.27 |
| 456738 | 15 | 3.29 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456739 | < 5 | 2.84 |
| 456740 | < 5 | 0.312 |
| 456741 | < 5 | 1.91 |
| 456742 | < 5 | 2.99 |
| 456743 | < 5 | 2.12 |
| 456744 | < 5 | 3.16 |
| 456745 | < 5 | 3.10 |
| 456746 | < 5 | 3.29 |
| 456747 | 5 | 3.11 |
| 456748 | < 5 | 3.29 |
| 456749 | < 5 | 3.17 |
| 456750 | < 5 | 3.23 |
| 456751 | < 5 | 3.22 |
| 456752 | < 5 | 3.13 |
| 456753 | 677 | 0.0680 |
| 456754 | < 5 | 3.31 |
| 456755 | < 5 | 2.14 |
| 456756 | < 5 | 2.62 |
| 456757 | < 5 | 1.80 |
| 456758 | 9 | 2.18 |
| 456759 | < 5 | 2.53 |
| 456760 | < 5 | 2.11 |
| 456761 | < 5 | 2.66 |
| 456762 | < 5 | 1.46 |
| 456763 | < 5 | 2.09 |
| 456764 | < 5 | 2.02 |
| 456765 | < 5 | 0.304 |
| 456766 | < 5 | 2.21 |
| 456767 | < 5 | 2.10 |
| 456768 | < 5 | 2.06 |
| 456769 | < 5 | 2.08 |
| 456770 | < 5 | 2.40 |
| 456771 | < 5 | 2.03 |
| 456772 | < 5 | 2.20 |
| 456773 | < 5 | 2.14 |
| 456774 | < 5 | 2.15 |
| 456775 | < 5 | 2.08 |
| 456776 | < 5 | 2.20 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456777 | < 5 | 3.39 |
| 456778 | 1530 | 0.0690 |
| 456779 | < 5 | 3.73 |
| 456780 | < 5 | 1.82 |
| 456781 | < 5 | 2.13 |
| 456782 | < 5 | 2.16 |
| 456783 | < 5 | 2.97 |
| 456784 | < 5 | 3.03 |
| 456785 | < 5 | 1.94 |
| 456786 | < 5 | 3.46 |
| 456787 | < 5 | 2.26 |
| 456788 | < 5 | 2.14 |
| 456789 | < 5 | 2.27 |
| 456790 | < 5 | 0.310 |
| 456791 | < 5 | 2.47 |
| 456792 | < 5 | 2.30 |
| 456793 | < 5 | 2.22 |
| 456794 | < 5 | 2.38 |
| 456795 | < 5 | 2.42 |
| 456796 | < 5 | 2.22 |
| 456797 | < 5 | 2.15 |
| 456798 | < 5 | 2.03 |
| 456799 | < 5 | 2.10 |
| 456800 | < 5 | 2.20 |
| 456801 | < 5 | 2.01 |
| 456802 | < 5 | 2.85 |
| 456803 | 215 | 0.0630 |
| 456804 | < 5 | 1.54 |
| 456805 | < 5 | 2.16 |
| 456806 | < 5 | 2.14 |
| 456807 | < 5 | 2.14 |
| 456808 | < 5 | 2.80 |
| 456809 | < 5 | 1.52 |
| 456810 | < 5 | 2.16 |
| 456811 | < 5 | 2.02 |
| 456812 | < 5 | 2.98 |
| 456813 | < 5 | 3.22 |
| 456814 | < 5 | 3.12 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456815 | < 5 | 0.300 |
| 456816 | < 5 | 3.44 |
| 456817 | < 5 | 1.61 |
| 456818 | < 5 | 1.96 |
| 456819 | < 5 | 2.67 |
| 456820 | < 5 | 2.06 |
| 456821 | < 5 | 3.15 |
| 456822 | < 5 | 3.21 |
| 456823 | < 5 | 3.06 |
| 456824 | < 5 | 3.40 |
| 456825 | < 5 | 3.30 |
| 456826 | < 5 | 3.41 |
| 456827 | < 5 | 3.18 |
| 456828 | 464 | 0.0640 |
| 456829 | < 5 | 3.08 |
| 456830 | < 5 | 3.25 |
| 456831 | < 5 | 3.39 |
| 456832 | < 5 | 3.32 |
| 456833 | < 5 | 3.32 |
| 456834 | < 5 | 2.65 |
| 456835 | < 5 | 2.28 |
| 456836 | < 5 | 2.64 |
| 456837 | < 5 | 3.25 |
| 456838 | < 5 | 3.10 |
| 456839 | < 5 | 3.23 |
| 456840 | < 5 | 0.301 |
| 456841 | < 5 | 3.33 |
| 456842 | < 5 | 3.37 |
| 456843 | < 5 | 3.13 |
| 456844 | < 5 | 3.30 |
| 456845 | < 5 | 3.31 |
| 456846 | < 5 | 2.93 |
| 456847 | < 5 | 2.23 |
| 456848 | < 5 | 3.27 |
| 456849 | < 5 | 3.46 |
| 456850 | < 5 | 2.97 |
| 456851 | < 5 | 3.24 |
| 456852 | < 5 | 3.57 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456853 | 625 | 0.0660 |
| 456854 | < 5 | 2.33 |
| 456855 | < 5 | 3.15 |
| 456856 | < 5 | 3.32 |
| 456857 | < 5 | 3.12 |
| 456858 | < 5 | 2.85 |
| 456859 | < 5 | 2.91 |
| 456860 | < 5 | 3.26 |
| 456861 | < 5 | 3.25 |
| 456862 | < 5 | 3.10 |
| 456863 | < 5 | 3.27 |
| 456864 | < 5 | 3.15 |
| 456865 | < 5 | 0.301 |
| 456866 | < 5 | 3.26 |
| 456867 | < 5 | 3.01 |
| 456868 | < 5 | 3.25 |
| 456869 | < 5 | 3.14 |
| 456870 | < 5 | 3.31 |
| 456871 | < 5 | 1.98 |
| 456872 | < 5 | 2.39 |
| 456873 | < 5 | 3.20 |
| 456874 | < 5 | 2.84 |
| 456875 | < 5 | 3.42 |
| 456876 | < 5 | 2.89 |
| 456877 | < 5 | 3.20 |
| 456878 | 1540 | 0.0660 |
| 456879 | < 5 | 3.30 |
| 456880 | < 5 | 2.40 |
| 456881 | < 5 | 2.97 |
| 456882 | < 5 | 3.19 |
| 456883 | < 5 | 3.08 |
| 456884 | < 5 | 2.97 |
| 456885 | < 5 | 3.13 |
| 456886 | < 5 | 3.60 |
| 456887 | < 5 | 2.91 |
| 456888 | < 5 | 2.61 |
| 456889 | < 5 | 2.30 |
| 456890 | < 5 | 0.304 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 456891 | < 5 | 2.41 |
| 456892 | < 5 | 2.60 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2920 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 511 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 532 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 525 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 506 |
| OREAS 218 Cert | 531 |
| 456710 Orig | < 5 |
| 456710 Dup | < 5 |
| 456725 Orig | < 5 |
| 456725 Dup | < 5 |
| 456730 Orig | < 5 |
| 456730 Dup | < 5 |
| 456741 Orig | < 5 |
| 456741 Dup | < 5 |
| 456747 Orig | 5 |
| 456747 Dup | < 5 |
| 456750 Split Orig | < 5 |
| 456750 Split | < 5 |
| 456760 Orig | < 5 |
| 456760 Dup | < 5 |
| 456779 Orig | < 5 |
| 456779 Dup | < 5 |
| 456794 Orig | < 5 |
| 456794 Dup | < 5 |
| 456799 Orig | < 5 |
| 456799 Dup | < 5 |
| 456802 Split Orig | < 5 |
| 456802 Split | < 5 |
| 456809 Orig | < 5 |
| 456809 Dup | < 5 |
| 456815 Orig | < 5 |
| 456815 Dup | < 5 |
| 456829 Orig | < 5 |
| | |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 456829 Dup | < 5 |
| 456848 Split | < 5 |
| 456848 Orig | < 5 |
| 456848 Dup | < 5 |
| 456862 Orig | < 5 |
| 456862 Dup | < 5 |
| 456867 Orig | < 5 |
| 456867 Dup | < 5 |
| 456879 Orig | < 5 |
| 456879 Dup | < 5 |
| 456884 Orig | < 5 |
| 456884 Dup | < 5 |
| 456886 Split Orig | < 5 |
| 456886 Split | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 16-Mar-18
Invoice No.: A18-03364-ReAssay
Invoice Date: 10-May-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

192 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-03364-ReAssay**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

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 |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 456848 | < 5 |
| 456849 | < 5 |
| 456850 | < 5 |
| 456851 | < 5 |
| 456852 | < 5 |
| 456853 | 684 |
| 456854 | < 5 |
| 456855 | < 5 |
| 456856 | < 5 |
| 456857 | < 5 |
| 456858 | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 3000 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3000 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 516 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 520 |
| OREAS 218 Cert | 531 |
| 456855 Orig | < 5 |
| 456855 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 23-Mar-18
Invoice No.: A18-03660
Invoice Date: 03-May-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

247 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-03660**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638645 | < 5 | 2.66 |
| 638646 | < 5 | 3.24 |
| 638647 | < 5 | 2.08 |
| 638648 | < 5 | 2.25 |
| 638649 | < 5 | 2.10 |
| 638650 | < 5 | 2.28 |
| 638651 | < 5 | 2.21 |
| 638652 | < 5 | 2.00 |
| 638653 | 676 | 0.0650 |
| 638654 | < 5 | 2.09 |
| 638655 | < 5 | 2.56 |
| 638656 | < 5 | 1.76 |
| 638657 | < 5 | 1.94 |
| 638658 | < 5 | 2.15 |
| 638659 | < 5 | 2.03 |
| 638660 | < 5 | 1.67 |
| 638661 | < 5 | 2.29 |
| 638662 | < 5 | 2.23 |
| 638663 | < 5 | 2.25 |
| 638664 | < 5 | 2.22 |
| 638665 | < 5 | 0.314 |
| 638666 | < 5 | 2.43 |
| 638667 | < 5 | 2.05 |
| 638668 | < 5 | 2.08 |
| 638669 | < 5 | 2.01 |
| 638670 | < 5 | 2.26 |
| 638671 | < 5 | 2.28 |
| 638672 | < 5 | 2.60 |
| 638673 | < 5 | 2.29 |
| 638674 | < 5 | 2.40 |
| 638675 | < 5 | 2.08 |
| 638676 | < 5 | 2.59 |
| 638677 | < 5 | 2.04 |
| 638678 | 1510 | 0.0650 |
| 638679 | < 5 | 2.24 |
| 638680 | < 5 | 2.06 |
| 638681 | 21 | 2.33 |
| 638682 | < 5 | 2.34 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638683 | < 5 | 2.55 |
| 638684 | < 5 | 2.52 |
| 638685 | < 5 | 2.07 |
| 638686 | < 5 | 1.94 |
| 638687 | < 5 | 2.66 |
| 638688 | < 5 | 1.44 |
| 638689 | < 5 | 2.21 |
| 638690 | < 5 | 0.310 |
| 638691 | < 5 | 2.04 |
| 638692 | < 5 | 1.95 |
| 638693 | < 5 | 2.09 |
| 638694 | < 5 | 2.11 |
| 638695 | < 5 | 2.15 |
| 638696 | < 5 | 2.13 |
| 638697 | < 5 | 2.10 |
| 638698 missing | | 0.000 |
| 638699 missing | | 0.000 |
| 638700 missing | | 0.000 |
| 638701 | < 5 | 2.16 |
| 638702 | < 5 | 1.80 |
| 638703 | 221 | 0.0680 |
| 638704 | < 5 | 1.98 |
| 638705 | < 5 | 2.07 |
| 638706 | < 5 | 1.97 |
| 638707 | < 5 | 2.02 |
| 638708 | < 5 | 1.96 |
| 638709 | < 5 | 2.11 |
| 638710 | < 5 | 1.95 |
| 638711 | < 5 | 2.05 |
| 638712 | < 5 | 2.21 |
| 638713 | < 5 | 2.15 |
| 638714 | < 5 | 2.08 |
| 638715 | < 5 | 0.312 |
| 638716 | < 5 | 2.13 |
| 638717 | < 5 | 2.10 |
| 638718 | < 5 | 2.18 |
| 638719 | < 5 | 2.07 |
| 638720 | < 5 | 2.05 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638721 | < 5 | 2.25 |
| 638722 | < 5 | 2.06 |
| 638723 | < 5 | 2.05 |
| 638724 | < 5 | 2.03 |
| 638725 | < 5 | 2.20 |
| 638726 | < 5 | 1.84 |
| 638727 | < 5 | 2.08 |
| 638728 | 476 | 0.0650 |
| 638729 | < 5 | 2.25 |
| 638730 | < 5 | 1.95 |
| 638731 | < 5 | 1.99 |
| 638732 | < 5 | 2.22 |
| 638733 | < 5 | 2.00 |
| 638734 | < 5 | 2.02 |
| 638735 | < 5 | 1.93 |
| 638736 | < 5 | 1.92 |
| 638737 | < 5 | 2.09 |
| 638738 | < 5 | 2.03 |
| 638739 | < 5 | 1.80 |
| 638740 | < 5 | 0.314 |
| 638741 | < 5 | 1.96 |
| 638742 | < 5 | 1.70 |
| 638743 | < 5 | 1.95 |
| 638744 | < 5 | 2.04 |
| 638745 | < 5 | 2.39 |
| 638746 | < 5 | 2.08 |
| 638747 | < 5 | 2.04 |
| 638748 | < 5 | 2.10 |
| 638749 | < 5 | 2.06 |
| 638750 | < 5 | 2.06 |
| 638751 | < 5 | 2.99 |
| 638752 | < 5 | 0.972 |
| 638753 | 676 | 0.0690 |
| 638754 | < 5 | 2.11 |
| 638755 | < 5 | 2.02 |
| 638756 | < 5 | 2.17 |
| 638757 | < 5 | 2.42 |
| 638758 | < 5 | 2.02 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638759 | < 5 | 2.21 |
| 638760 | < 5 | 2.03 |
| 638761 | < 5 | 2.06 |
| 638762 | < 5 | 2.74 |
| 638763 | < 5 | 2.47 |
| 638764 | < 5 | 2.54 |
| 638765 | < 5 | 0.316 |
| 638766 | < 5 | 2.41 |
| 638767 | < 5 | 2.65 |
| 638768 | < 5 | 2.56 |
| 638769 | < 5 | 2.32 |
| 638770 | < 5 | 2.35 |
| 638771 | < 5 | 1.96 |
| 638772 | < 5 | 1.69 |
| 638773 | < 5 | 2.15 |
| 638774 | < 5 | 1.94 |
| 638775 | < 5 | 2.03 |
| 638776 | < 5 | 2.23 |
| 638777 | < 5 | 2.05 |
| 638778 | 1620 | 0.0660 |
| 638779 | < 5 | 1.87 |
| 638780 | < 5 | 2.25 |
| 638781 | < 5 | 1.87 |
| 638782 | < 5 | 1.85 |
| 638783 | < 5 | 2.14 |
| 638784 | < 5 | 1.95 |
| 638785 | < 5 | 2.02 |
| 638786 | < 5 | 2.44 |
| 638787 | < 5 | 2.17 |
| 638788 | < 5 | 3.20 |
| 638789 | < 5 | 2.09 |
| 638790 | < 5 | 0.313 |
| 638791 | < 5 | 2.79 |
| 638792 | < 5 | 1.70 |
| 638793 | < 5 | 2.92 |
| 638794 | < 5 | 2.78 |
| 638795 | < 5 | 1.81 |
| 638796 | < 5 | 3.21 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638797 | < 5 | 1.05 |
| 638798 | < 5 | 1.85 |
| 638799 | < 5 | 2.79 |
| 638800 | < 5 | 1.57 |
| 638801 | < 5 | 2.62 |
| 638802 | < 5 | 2.78 |
| 638803 | 235 | 0.0660 |
| 638804 | < 5 | 2.02 |
| 638805 | < 5 | 1.61 |
| 638806 | < 5 | 2.46 |
| 638807 | < 5 | 2.02 |
| 638808 | < 5 | 2.03 |
| 638809 | < 5 | 2.26 |
| 638810 | < 5 | 2.04 |
| 638811 | < 5 | 1.63 |
| 638812 | < 5 | 2.16 |
| 638813 | < 5 | 4.13 |
| 638814 | < 5 | 2.85 |
| 638815 | < 5 | 0.310 |
| 638816 | < 5 | 1.94 |
| 638817 | < 5 | 2.13 |
| 638818 | < 5 | 2.13 |
| 638819 | < 5 | 1.93 |
| 638820 | < 5 | 2.34 |
| 638821 | < 5 | 2.00 |
| 638822 | < 5 | 2.32 |
| 638823 | < 5 | 2.21 |
| 638824 | < 5 | 1.92 |
| 638825 | < 5 | 2.26 |
| 638826 | < 5 | 2.08 |
| 638827 | < 5 | 2.18 |
| 638828 | 478 | 0.0640 |
| 638829 | < 5 | 1.87 |
| 638830 | < 5 | 2.00 |
| 638831 | < 5 | 2.07 |
| 638832 | < 5 | 2.09 |
| 638833 | < 5 | 2.27 |
| 638834 | < 5 | 2.00 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638835 | < 5 | 2.36 |
| 638836 | < 5 | 2.11 |
| 638837 | < 5 | 1.94 |
| 638838 | < 5 | 2.43 |
| 638839 | < 5 | 2.21 |
| 638840 | < 5 | 0.317 |
| 638841 | < 5 | 2.10 |
| 638842 | < 5 | 1.99 |
| 638843 | < 5 | 2.42 |
| 638844 | < 5 | 1.79 |
| 638845 | < 5 | 2.11 |
| 638846 | < 5 | 2.03 |
| 638847 | < 5 | 2.04 |
| 638848 | < 5 | 2.07 |
| 638849 | < 5 | 2.14 |
| 638850 | < 5 | 2.01 |
| 638851 | < 5 | 2.12 |
| 638852 | < 5 | 2.54 |
| 638853 | 703 | 0.0640 |
| 638854 | < 5 | 1.63 |
| 638855 | < 5 | 2.12 |
| 638856 | < 5 | 2.12 |
| 638857 | < 5 | 2.08 |
| 638858 | < 5 | 2.16 |
| 638859 | < 5 | 1.94 |
| 638860 | < 5 | 2.96 |
| 638861 | < 5 | 1.57 |
| 638862 | < 5 | 2.03 |
| 638863 | < 5 | 2.13 |
| 638864 | < 5 | 2.05 |
| 638865 | < 5 | 0.313 |
| 638866 | < 5 | 2.10 |
| 638867 | < 5 | 2.09 |
| 638868 | < 5 | 2.14 |
| 638869 | < 5 | 2.07 |
| 638870 | < 5 | 2.04 |
| 638871 | < 5 | 2.12 |
| 638872 | < 5 | 1.93 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638873 | < 5 | 2.12 |
| 638874 | < 5 | 2.11 |
| 638875 | < 5 | 1.99 |
| 638876 | < 5 | 2.13 |
| 638877 | < 5 | 2.08 |
| 638878 | 1640 | 0.0660 |
| 638879 | < 5 | 2.11 |
| 638880 | < 5 | 2.14 |
| 638881 | < 5 | 2.06 |
| 638882 | < 5 | 2.10 |
| 638883 | < 5 | 1.92 |
| 638884 | < 5 | 2.17 |
| 638885 | < 5 | 2.14 |
| 638886 | < 5 | 2.14 |
| 638887 | < 5 | 2.09 |
| 638888 | < 5 | 2.05 |
| 638889 | < 5 | 1.87 |
| 638890 | < 5 | 0.308 |
| 638891 | < 5 | 2.23 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2970 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2880 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3010 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2900 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2960 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 513 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 514 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 540 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 533 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 533 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 515 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 526 |
| OREAS 218 Cert | 531 |
| 638654 Orig | < 5 |
| 638654 Dup | < 5 |
| 638669 Orig | < 5 |
| 638669 Dup | < 5 |
| 638674 Orig | < 5 |
| 638674 Dup | < 5 |
| 638685 Orig | < 5 |
| 638685 Dup | < 5 |
| 638691 Orig | < 5 |
| 638691 Dup | < 5 |
| 638708 Orig | < 5 |
| 638708 Dup | < 5 |
| 638727 Orig | < 5 |
| 638727 Dup | < 5 |
| 638742 Orig | < 5 |
| | |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 638742 Dup | < 5 |
| 638747 Orig | < 5 |
| 638747 Dup | < 5 |
| 638751 Split Orig | < 5 |
| 638751 Split | < 5 |
| 638757 Orig | < 5 |
| 638757 Dup | < 5 |
| 638763 Orig | < 5 |
| 638763 Dup | < 5 |
| 638777 Orig | < 5 |
| 638777 Dup | < 5 |
| 638793 Split Orig | < 5 |
| 638793 Split | < 5 |
| 638795 Orig | < 5 |
| 638795 Dup | < 5 |
| 638810 Orig | < 5 |
| 638810 Dup | < 5 |
| 638815 Orig | < 5 |
| 638815 Dup | < 5 |
| 638832 Orig | < 5 |
| 638832 Dup | < 5 |
| 638846 Orig | < 5 |
| 638846 Dup | < 5 |
| 638860 Split Orig | < 5 |
| 638860 Split | < 5 |
| 638864 Orig | < 5 |
| 638864 Dup | < 5 |
| 638879 Orig | < 5 |
| 638879 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 13-Apr-18
Invoice No.: A18-04760
Invoice Date: 16-May-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

165 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-04760**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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 | Received Weight |
|----------------------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459551 | < 5 | 3.35 |
| 459552 | < 5 | 2.31 |
| 459553 | 658 | 0.0680 |
| 459554 | < 5 | 3.47 |
| 459555 | < 5 | 3.33 |
| 459556 | < 5 | 3.35 |
| 459557 | 5 | 3.07 |
| 459558 | < 5 | 3.19 |
| 459559 | < 5 | 3.21 |
| 459560 | < 5 | 3.41 |
| 459561 | < 5 | 3.04 |
| 459562 | < 5 | 3.15 |
| 459563 | < 5 | 3.28 |
| 459564 | < 5 | 3.01 |
| 459565 | < 5 | 0.320 |
| 459566 | 11 | 3.08 |
| 459567 | < 5 | 3.32 |
| 459568 | 5 | 3.28 |
| 459569 | < 5 | 3.38 |
| 459570 | < 5 | 3.25 |
| 459571 | < 5 | 3.44 |
| 459572 | < 5 | 3.39 |
| 459573 | < 5 | 3.25 |
| 459574 | < 5 | 3.40 |
| 459575 | < 5 | 3.05 |
| 459576 | < 5 | 3.15 |
| 459577 | < 5 | 3.32 |
| 459578 | 1500 | 0.0660 |
| 459579 | 5 | 3.37 |
| 459580 | < 5 | 3.33 |
| 459581 | < 5 | 3.35 |
| 459582 | < 5 | 3.26 |
| 459583 | < 5 | 3.22 |
| 459584 damaged - disregard | | 0.000 |
| 459585 | < 5 | 3.10 |
| 459586 | < 5 | 3.28 |
| 459587 | < 5 | 3.06 |

| Analyte Symbol | Au | Received Weight |
|----------------------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459588 | < 5 | 3.36 |
| 459589 damaged - disregard | | 0.000 |
| 459590 | < 5 | 0.311 |
| 459591 | < 5 | 3.13 |
| 459592 | < 5 | 3.29 |
| 459593 | < 5 | 3.23 |
| 459594 | < 5 | 2.89 |
| 459595 | < 5 | 2.95 |
| 459596 | < 5 | 3.35 |
| 459597 | < 5 | 3.18 |
| 459598 | < 5 | 3.11 |
| 459599 | < 5 | 2.48 |
| 459600 | < 5 | 3.43 |
| 459601 | < 5 | 3.13 |
| 459602 | < 5 | 3.18 |
| 459603 | 223 | 0.0610 |
| 459604 | < 5 | 3.08 |
| 459605 | < 5 | 3.37 |
| 459606 | < 5 | 2.96 |
| 459607 | < 5 | 3.18 |
| 459608 | < 5 | 2.93 |
| 459609 | < 5 | 3.56 |
| 459610 | < 5 | 3.12 |
| 459611 | < 5 | 3.31 |
| 459612 | < 5 | 3.14 |
| 459613 | < 5 | 2.95 |
| 459614 | 5 | 2.80 |
| 459615 | < 5 | 0.312 |
| 459616 | < 5 | 2.90 |
| 459617 | 6 | 3.45 |
| 459618 | < 5 | 3.65 |
| 459619 | < 5 | 3.61 |
| 459620 | < 5 | 3.26 |
| 459621 | 6 | 3.51 |
| 459622 | < 5 | 3.49 |
| 459623 | 5 | 3.39 |
| 459624 | 6 | 3.13 |
| | | |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459625 | 5 | 3.30 |
| 459626 | 23 | 3.60 |
| 459627 | 32 | 3.68 |
| 459628 | 491 | 0.0690 |
| 459629 | 8 | 3.65 |
| 459630 | 8 | 3.46 |
| 459631 | < 5 | 3.19 |
| 459632 | 6 | 3.12 |
| 459633 | 7 | 2.69 |
| 459634 | 9 | 3.55 |
| 459635 | 6 | 2.86 |
| 459636 | < 5 | 3.06 |
| 459637 | < 5 | 2.37 |
| 459638 | < 5 | 2.60 |
| 459639 | < 5 | 2.67 |
| 459640 | < 5 | 0.314 |
| 459641 | < 5 | 4.04 |
| 459642 | < 5 | 3.58 |
| 459643 | < 5 | 3.61 |
| 459644 | < 5 | 3.38 |
| 459645 | < 5 | 3.38 |
| 459646 | < 5 | 3.38 |
| 459647 | < 5 | 3.33 |
| 459648 | < 5 | 3.29 |
| 459649 | < 5 | 3.36 |
| 459650 | < 5 | 2.50 |
| 459651 | 5 | 3.15 |
| 459652 | 5 | 3.58 |
| 459653 | 687 | 0.0650 |
| 459654 | < 5 | 3.67 |
| 459655 | < 5 | 3.59 |
| 459656 | < 5 | 3.44 |
| 459657 | < 5 | 3.78 |
| 459658 | < 5 | 3.58 |
| 459659 | < 5 | 3.44 |
| 459660 | < 5 | 3.58 |
| 459661 | < 5 | 3.20 |
| 459662 | < 5 | 3.31 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459663 | < 5 | 2.92 |
| 459664 | < 5 | 3.04 |
| 459665 | < 5 | 0.312 |
| 459666 | < 5 | 3.24 |
| 459667 | < 5 | 3.43 |
| 459668 | 5 | 2.59 |
| 459669 | 6 | 3.27 |
| 459670 | < 5 | 3.05 |
| 459671 | 5 | 3.28 |
| 459672 | < 5 | 3.55 |
| 459673 | < 5 | 2.85 |
| 459674 | < 5 | 3.22 |
| 459675 | < 5 | 2.69 |
| 459676 | 6 | 3.33 |
| 459677 | < 5 | 3.33 |
| 459678 | 1620 | 0.0650 |
| 459679 | < 5 | 4.07 |
| 459680 | < 5 | 3.57 |
| 459681 | < 5 | 3.37 |
| 459682 | < 5 | 2.90 |
| 459683 | < 5 | 2.66 |
| 459684 | < 5 | 3.29 |
| 459685 | < 5 | 3.66 |
| 459686 | < 5 | 3.03 |
| 459687 | < 5 | 1.43 |
| 459688 | < 5 | 1.84 |
| 459689 | 7 | 2.78 |
| 459690 | < 5 | 0.316 |
| 459691 | < 5 | 3.46 |
| 459692 | < 5 | 3.28 |
| 459693 | < 5 | 3.25 |
| 459694 | < 5 | 3.75 |
| 459695 | < 5 | 3.64 |
| 459696 | < 5 | 3.80 |
| 459697 | < 5 | 3.20 |
| 459698 | < 5 | 2.83 |
| 459699 | < 5 | 3.21 |
| 459700 | < 5 | 3.26 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 459701 | < 5 | 3.43 |
| 459702 | < 5 | 2.97 |
| 459703 | 202 | 0.0650 |
| 459704 | < 5 | 3.05 |
| 459705 | < 5 | 2.98 |
| 459706 | < 5 | 2.95 |
| 459707 | < 5 | 3.08 |
| 459708 | < 5 | 3.60 |
| 459709 | < 5 | 3.94 |
| 459710 | < 5 | 2.67 |
| 459711 | < 5 | 3.27 |
| 459712 | < 5 | 3.50 |
| 459713 | < 5 | 3.29 |
| 459714 | 5 | 3.88 |
| 459715 | < 5 | 0.312 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 3080 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2970 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2910 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 545 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 512 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 536 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 541 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 517 |
| OREAS 218 Cert | 531 |
| 459560 Orig | < 5 |
| 459560 Dup | < 5 |
| 459575 Orig | < 5 |
| 459575 Dup | < 5 |
| 459580 Orig | < 5 |
| 459580 Dup | < 5 |
| 459590 Orig | < 5 |
| 459593 Orig | < 5 |
| 459593 Dup | < 5 |
| 459599 Orig | < 5 |
| 459599 Dup | < 5 |
| 459600 Split Orig | < 5 |
| 459600 Split | < 5 |
| 459612 Orig | < 5 |
| 459612 Dup | < 5 |
| 459631 Orig | < 5 |
| 459631 Dup | < 5 |
| 459646 Orig | < 5 |
| 459646 Dup | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 459651 Split Orig | 5 |
| 459651 Split | 6 |
| 459652 Orig | 5 |
| 459652 Dup | < 5 |
| 459661 Orig | < 5 |
| 459661 Dup | < 5 |
| 459667 Orig | < 5 |
| 459667 Dup | < 5 |
| 459681 Orig | < 5 |
| 459681 Dup | 5 |
| 459700 Split Orig | < 5 |
| 459700 Split | < 5 |
| 459701 Orig | < 5 |
| 459701 Dup | < 5 |
| 459714 Orig | 5 |
| 459714 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 21-Mar-18
Invoice No.: A18-04779
Invoice Date: 09-May-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

242 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-04779**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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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

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638001 | < 5 | 2.21 |
| 638002 | < 5 | 2.09 |
| 638003 | 210 | 0.0660 |
| 638004 | 26 | 2.69 |
| 638005 | < 5 | 2.43 |
| 638006 | < 5 | 2.47 |
| 638007 | < 5 | 2.08 |
| 638008 | < 5 | 1.97 |
| 638009 | < 5 | 2.20 |
| 638010 | < 5 | 2.35 |
| 638011 | < 5 | 2.12 |
| 638012 | < 5 | 2.77 |
| 638013 | < 5 | 2.33 |
| 638014 | < 5 | 2.12 |
| 638015 | < 5 | 0.313 |
| 638016 | < 5 | 2.12 |
| 638017 | < 5 | 2.56 |
| 638018 | < 5 | 2.41 |
| 638019 | < 5 | 2.20 |
| 638020 | < 5 | 2.80 |
| 638021 | < 5 | 2.42 |
| 638022 | < 5 | 2.51 |
| 638023 | < 5 | 2.21 |
| 638024 | < 5 | 1.85 |
| 638025 | < 5 | 2.66 |
| 638026 | < 5 | 2.05 |
| 638027 | < 5 | 2.54 |
| 638028 | 470 | 0.0680 |
| 638029 | < 5 | 1.98 |
| 638030 | < 5 | 1.88 |
| 638031 | < 5 | 2.26 |
| 638032 | < 5 | 2.16 |
| 638033 | < 5 | 2.06 |
| 638034 | < 5 | 2.27 |
| 638035 | 32 | 2.00 |
| 638036 | 14 | 2.78 |
| 638037 | < 5 | 2.03 |
| 638038 | < 5 | 2.34 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638039 | < 5 | 1.44 |
| 638040 | < 5 | 0.316 |
| 638041 | < 5 | 1.98 |
| 638042 | < 5 | 2.17 |
| 638043 | < 5 | 2.22 |
| 638044 | < 5 | 2.65 |
| 638045 | < 5 | 1.65 |
| 638046 | 7 | 3.60 |
| 638047 | < 5 | 2.42 |
| 638048 | < 5 | 2.01 |
| 638049 | < 5 | 2.20 |
| 638050 | < 5 | 2.17 |
| 638051 | < 5 | 1.96 |
| 638052 | < 5 | 2.07 |
| 638053 | 696 | 0.0650 |
| 638054 | < 5 | 2.13 |
| 638055 | < 5 | 2.18 |
| 638056 | < 5 | 2.25 |
| 638057 | < 5 | 2.20 |
| 638058 | < 5 | 2.04 |
| 638059 | < 5 | 2.10 |
| 638060 | < 5 | 2.15 |
| 638061 | < 5 | 2.45 |
| 638062 | < 5 | 2.09 |
| 638063 | < 5 | 3.13 |
| 638064 | 177 | 2.43 |
| 638065 | < 5 | 0.322 |
| 638066 | < 5 | 2.81 |
| 638067 | < 5 | 1.50 |
| 638068 | < 5 | 3.04 |
| 638069 | < 5 | 2.33 |
| 638070 | < 5 | 2.50 |
| 638071 | < 5 | 1.96 |
| 638072 | < 5 | 2.29 |
| 638073 | < 5 | 2.03 |
| 638074 | < 5 | 2.35 |
| 638075 | < 5 | 2.16 |
| 638076 | < 5 | 2.22 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638077 | < 5 | 4.13 |
| 638078 | 1610 | 0.0660 |
| 638079 | < 5 | 2.22 |
| 638080 | < 5 | 2.49 |
| 638081 | < 5 | 2.10 |
| 638082 | < 5 | 2.07 |
| 638083 | < 5 | 2.20 |
| 638084 | < 5 | 1.80 |
| 638085 | < 5 | 2.18 |
| 638086 | < 5 | 2.79 |
| 638087 | < 5 | 2.11 |
| 638088 | < 5 | 2.59 |
| 638089 | 8 | 2.09 |
| 638090 | < 5 | 0.318 |
| 638091 | < 5 | 2.07 |
| 638092 | < 5 | 2.07 |
| 638093 | < 5 | 1.96 |
| 638094 | < 5 | 2.35 |
| 638095 | < 5 | 2.13 |
| 638096 | < 5 | 2.38 |
| 638097 | < 5 | 2.34 |
| 638098 | < 5 | 1.93 |
| 638099 | < 5 | 2.26 |
| 638100 | < 5 | 1.89 |
| 638101 | < 5 | 1.92 |
| 638102 | < 5 | 3.04 |
| 638103 | 220 | 0.0650 |
| 638104 | < 5 | 1.48 |
| 638105 | < 5 | 2.22 |
| 638106 | < 5 | 1.76 |
| 638107 | < 5 | 1.91 |
| 638108 | < 5 | 2.92 |
| 638109 | < 5 | 1.37 |
| 638110 | 36 | 2.20 |
| 638111 | < 5 | 2.10 |
| 638112 | < 5 | 2.18 |
| 638113 | < 5 | 1.87 |
| 638114 | < 5 | 2.29 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638115 | < 5 | 0.305 |
| 638116 | < 5 | 1.89 |
| 638117 | < 5 | 1.96 |
| 638118 | < 5 | 1.73 |
| 638119 | < 5 | 1.94 |
| 638120 | < 5 | 2.11 |
| 638121 | < 5 | 1.90 |
| 638122 | < 5 | 2.23 |
| 638123 | < 5 | 2.02 |
| 638124 | < 5 | 2.25 |
| 638125 | < 5 | 1.96 |
| 638126 | 18 | 2.22 |
| 638127 | < 5 | 2.03 |
| 638128 | 474 | 0.0650 |
| 638129 | < 5 | 2.14 |
| 638130 | < 5 | 2.14 |
| 638131 | < 5 | 2.22 |
| 638132 | < 5 | 1.86 |
| 638133 | < 5 | 2.30 |
| 638892 | < 5 | 2.31 |
| 638893 | 35 | 2.03 |
| 638894 | < 5 | 1.74 |
| 638895 | < 5 | 1.81 |
| 638896 | < 5 | 2.03 |
| 638897 | < 5 | 2.79 |
| 638898 | < 5 | 1.97 |
| 638899 | < 5 | 1.87 |
| 638900 | < 5 | 1.86 |
| 638901 | 13 | 2.09 |
| 638902 | < 5 | 1.93 |
| 638903 | 221 | 0.0640 |
| 638904 | < 5 | 1.94 |
| 638905 | < 5 | 2.16 |
| 638906 | < 5 | 1.86 |
| 638907 | < 5 | 1.85 |
| 638908 | < 5 | 1.99 |
| 638909 | < 5 | 2.20 |
| 638910 | < 5 | 1.97 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638911 | < 5 | 1.81 |
| 638912 | < 5 | 2.01 |
| 638913 | < 5 | 2.50 |
| 638914 | < 5 | 2.08 |
| 638915 | < 5 | 0.310 |
| 638916 | < 5 | 3.00 |
| 638917 | < 5 | 1.27 |
| 638918 | < 5 | 2.62 |
| 638919 | < 5 | 2.02 |
| 638920 | < 5 | 2.29 |
| 638921 | < 5 | 2.04 |
| 638922 | < 5 | 2.35 |
| 638923 | < 5 | 2.54 |
| 638924 | < 5 | 1.53 |
| 638925 | < 5 | 2.16 |
| 638926 | < 5 | 2.09 |
| 638927 | < 5 | 1.99 |
| 638928 | 473 | 0.0660 |
| 638929 | < 5 | 2.05 |
| 638930 | < 5 | 2.16 |
| 638931 | < 5 | 1.99 |
| 638932 | < 5 | 2.14 |
| 638933 | < 5 | 2.08 |
| 638934 | < 5 | 2.21 |
| 638935 | < 5 | 2.34 |
| 638936 | < 5 | 2.00 |
| 638937 | < 5 | 1.96 |
| 638938 | < 5 | 1.82 |
| 638939 | < 5 | 2.65 |
| 638940 | < 5 | 0.313 |
| 638941 | < 5 | 2.09 |
| 638942 | < 5 | 1.92 |
| 638943 | < 5 | 2.34 |
| 638944 | < 5 | 2.63 |
| 638945 | < 5 | 1.78 |
| 638946 | < 5 | 2.12 |
| 638947 | < 5 | 2.02 |
| 638948 | < 5 | 2.64 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638949 | < 5 | 1.79 |
| 638950 | < 5 | 1.99 |
| 638951 | < 5 | 2.11 |
| 638952 | < 5 | 2.04 |
| 638953 | 686 | 0.0660 |
| 638954 | < 5 | 2.03 |
| 638955 | < 5 | 1.98 |
| 638956 | < 5 | 2.12 |
| 638957 | < 5 | 2.31 |
| 638958 | < 5 | 2.01 |
| 638959 | 119 | 1.92 |
| 638960 | < 5 | 2.00 |
| 638961 | < 5 | 2.06 |
| 638962 | < 5 | 1.88 |
| 638963 | < 5 | 2.36 |
| 638964 | < 5 | 2.16 |
| 638965 | < 5 | 0.302 |
| 638966 | < 5 | 2.29 |
| 638967 | < 5 | 2.28 |
| 638968 | < 5 | 2.01 |
| 638969 | < 5 | 2.07 |
| 638970 | < 5 | 2.03 |
| 638971 | < 5 | 2.16 |
| 638972 | < 5 | 1.97 |
| 638973 | < 5 | 1.74 |
| 638974 | < 5 | 2.12 |
| 638975 | < 5 | 1.90 |
| 638976 | < 5 | 2.25 |
| 638977 | < 5 | 2.51 |
| 638978 | 1660 | 0.0630 |
| 638979 | < 5 | 2.21 |
| 638980 | < 5 | 2.18 |
| 638981 | < 5 | 2.26 |
| 638982 | < 5 | 2.39 |
| 638983 | < 5 | 1.70 |
| 638984 | < 5 | 2.28 |
| 638985 | < 5 | 2.45 |
| 638986 | < 5 | 1.98 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638987 | < 5 | 2.62 |
| 638988 | < 5 | 2.33 |
| 638989 | 39 | 2.25 |
| 638990 | < 5 | 0.304 |
| 638991 | 14 | 2.36 |
| 638992 | 43 | 2.33 |
| 638993 | < 5 | 2.33 |
| 638994 | 117 | 2.30 |
| 638995 | 5 | 2.39 |
| 638996 | < 5 | 2.27 |
| 638997 | < 5 | 2.31 |
| 638998 | < 5 | 2.56 |
| 638999 | < 5 | 2.31 |
| 639000 | < 5 | 2.34 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2980 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2960 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3040 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2970 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2920 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2920 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3080 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2890 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2890 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 548 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 544 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 540 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 500 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 511 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 523 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 517 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 550 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 521 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 521 |
| OREAS 218 Cert | 531 |
| 638010 Orig | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 638010 Dup | < 5 |
| 638025 Orig | < 5 |
| 638025 Dup | < 5 |
| 638030 Orig | < 5 |
| 638030 Dup | < 5 |
| 638041 Orig | < 5 |
| 638041 Dup | < 5 |
| 638046 Split Orig | 7 |
| 638046 Split | 8 |
| 638046 Split | 8 |
| 638060 Orig | < 5 |
| 638060 Dup | < 5 |
| 638079 Orig | < 5 |
| 638079 Dup | < 5 |
| 638094 Orig | < 5 |
| 638094 Dup | < 5 |
| 638099 Orig | < 5 |
| 638099 Dup | < 5 |
| 638102 Split Orig | < 5 |
| 638102 Split | < 5 |
| 638109 Orig | < 5 |
| 638109 Dup | < 5 |
| 638115 Orig | < 5 |
| 638115 Dup | < 5 |
| 638129 Orig | < 5 |
| 638129 Dup | < 5 |
| 638906 Orig | < 5 |
| 638906 Dup | < 5 |
| 638916 Split Orig | < 5 |
| 638916 Split | < 5 |
| 638920 Orig | < 5 |
| 638920 Dup | < 5 |
| 638925 Orig | < 5 |
| 638925 Dup | < 5 |
| 638936 Orig | < 5 |
| 638936 Dup | < 5 |
| 638942 Orig | < 5 |
| 638942 Dup | < 5 |
| 638956 Orig | < 5 |
| 638956 Dup | < 5 |
| 638975 Orig | < 5 |
| | |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 638975 Dup | < 5 |
| 638987 Split Orig | < 5 |
| 638987 Split | < 5 |
| 638994 Orig | 117 |
| 638994 Dup | 85 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
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| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 18-Apr-18
Invoice No.: A18-05017
Invoice Date: 22-May-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

252 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-05017**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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 | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637151 | < 5 | 1.98 |
| 637152 | < 5 | 2.10 |
| 637153 | 688 | 0.0650 |
| 637154 | < 5 | 2.19 |
| 637155 | < 5 | 2.23 |
| 637156 | < 5 | 2.01 |
| 637157 | < 5 | 2.28 |
| 637158 | < 5 | 2.01 |
| 637159 | < 5 | 2.15 |
| 637160 | < 5 | 2.10 |
| 637161 | < 5 | 1.94 |
| 637162 | < 5 | 2.23 |
| 637163 | < 5 | 2.32 |
| 637164 | < 5 | 2.14 |
| 637165 | < 5 | 0.309 |
| 637166 | < 5 | 2.26 |
| 637167 | < 5 | 2.34 |
| 637168 | < 5 | 1.85 |
| 637169 | < 5 | 2.18 |
| 637170 | < 5 | 1.98 |
| 637171 | < 5 | 2.16 |
| 637172 | < 5 | 2.22 |
| 637173 | < 5 | 2.33 |
| 637174 | < 5 | 1.71 |
| 637175 | < 5 | 2.69 |
| 637176 | < 5 | 1.71 |
| 637177 | < 5 | 1.68 |
| 637178 | 1620 | 0.0680 |
| 637179 | < 5 | 2.30 |
| 637180 | < 5 | 2.56 |
| 637181 | < 5 | 1.31 |
| 637182 | 79 | 2.11 |
| 637183 | < 5 | 2.26 |
| 637184 | < 5 | 2.85 |
| 637185 | < 5 | 2.30 |
| 637186 | < 5 | 2.40 |
| 637187 | < 5 | 1.91 |
| 637188 | < 5 | 1.26 |

| Analyte Symbol | Au | Received Weight |
|-------------------------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637189 | < 5 | 1.19 |
| 637190 Damaged - not analyzed | | 0.000 |
| 637191 | < 5 | 1.44 |
| 637192 | < 5 | 2.07 |
| 637193 | < 5 | 2.26 |
| 637194 | < 5 | 2.08 |
| 637195 | < 5 | 2.14 |
| 637196 | < 5 | 2.05 |
| 637197 | < 5 | 1.88 |
| 637198 | < 5 | 1.94 |
| 637199 | < 5 | 2.17 |
| 637200 | < 5 | 2.11 |
| 637201 | < 5 | 1.92 |
| 637202 | < 5 | 2.02 |
| 637203 | 444 | 0.0650 |
| 637204 | < 5 | 1.84 |
| 637205 | < 5 | 2.11 |
| 637206 | < 5 | 2.11 |
| 637207 | < 5 | 1.95 |
| 637208 | < 5 | 2.03 |
| 637209 | < 5 | 1.99 |
| 637210 | < 5 | 2.12 |
| 637211 | < 5 | 1.96 |
| 637212 | < 5 | 1.92 |
| 637213 | < 5 | 2.05 |
| 637214 | < 5 | 2.03 |
| 637215 | < 5 | 0.306 |
| 637216 | 6 | 1.95 |
| 637217 | < 5 | 1.89 |
| 637218 | 5 | 1.87 |
| 637219 | < 5 | 1.92 |
| 637220 | < 5 | 1.96 |
| 637221 | < 5 | 1.92 |
| 637222 | < 5 | 1.91 |
| 637223 | < 5 | 2.70 |
| 637224 | < 5 | 2.78 |
| 637225 | < 5 | 2.51 |
| | | |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637226 | < 5 | 2.03 |
| 637227 | < 5 | 2.05 |
| 637228 | 475 | 0.0630 |
| 637229 | 6 | 1.92 |
| 637230 | < 5 | 2.23 |
| 637231 | < 5 | 2.28 |
| 637232 | < 5 | 1.29 |
| 637233 | < 5 | 1.03 |
| 637234 | < 5 | 2.25 |
| 637235 | < 5 | 2.17 |
| 637236 | < 5 | 1.91 |
| 637237 | < 5 | 1.88 |
| 637238 | < 5 | 2.20 |
| 637239 | < 5 | 2.01 |
| 637240 | < 5 | 0.307 |
| 637241 | < 5 | 2.16 |
| 637242 | < 5 | 2.09 |
| 637243 | < 5 | 1.97 |
| 637244 | < 5 | 2.00 |
| 637245 | < 5 | 1.99 |
| 637246 | < 5 | 1.91 |
| 637247 | < 5 | 2.05 |
| 637248 | < 5 | 1.99 |
| 637249 | < 5 | 1.92 |
| 637250 | < 5 | 1.92 |
| 637251 | < 5 | 2.08 |
| 637252 | < 5 | 2.22 |
| 637253 | 494 | 0.0630 |
| 637254 | < 5 | 2.15 |
| 637255 | < 5 | 2.06 |
| 637256 | < 5 | 2.26 |
| 637257 | < 5 | 2.15 |
| 637258 | < 5 | 2.38 |
| 637259 | < 5 | 2.05 |
| 637260 | < 5 | 2.10 |
| 637261 | < 5 | 2.08 |
| 637262 | < 5 | 2.01 |
| 637263 | < 5 | 1.95 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637264 | < 5 | 2.20 |
| 637265 | < 5 | 0.308 |
| 637266 | < 5 | 1.89 |
| 637267 | < 5 | 2.13 |
| 637268 | < 5 | 2.18 |
| 637269 | < 5 | 2.15 |
| 637270 | < 5 | 2.04 |
| 637271 | < 5 | 2.27 |
| 637272 | < 5 | 2.04 |
| 637273 | < 5 | 2.04 |
| 637274 | < 5 | 2.00 |
| 637275 | < 5 | 2.05 |
| 637276 | < 5 | 2.02 |
| 637277 | < 5 | 1.93 |
| 637278 | 447 | 0.0640 |
| 637279 | < 5 | 2.03 |
| 637280 | < 5 | 1.85 |
| 637281 | < 5 | 2.34 |
| 637282 | < 5 | 2.03 |
| 637283 | < 5 | 2.00 |
| 637284 | < 5 | 1.89 |
| 637285 | < 5 | 2.04 |
| 637286 | < 5 | 1.14 |
| 637287 | < 5 | 1.68 |
| 637288 | < 5 | 1.43 |
| 637289 | < 5 | 2.14 |
| 637290 | < 5 | 0.308 |
| 637291 | < 5 | 2.05 |
| 637292 | < 5 | 2.17 |
| 637293 | < 5 | 2.15 |
| 637294 | < 5 | 1.81 |
| 637295 | < 5 | 1.95 |
| 637296 | < 5 | 1.91 |
| 637297 | < 5 | 1.30 |
| 637298 | < 5 | 1.51 |
| 637299 | < 5 | 1.30 |
| 637300 | < 5 | 2.03 |
| 637301 | < 5 | 2.10 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637302 | < 5 | 2.31 |
| 637303 | 219 | 0.0660 |
| 637304 | < 5 | 2.13 |
| 637305 | < 5 | 1.93 |
| 637306 | < 5 | 1.86 |
| 637307 | < 5 | 2.00 |
| 637308 | < 5 | 1.86 |
| 637309 | < 5 | 1.99 |
| 637310 | < 5 | 1.97 |
| 637311 | < 5 | 1.92 |
| 637312 | 9 | 2.03 |
| 637313 | < 5 | 1.94 |
| 637314 | < 5 | 1.90 |
| 637315 | < 5 | 0.309 |
| 637316 | < 5 | 1.91 |
| 637317 | < 5 | 1.95 |
| 637318 | < 5 | 1.87 |
| 637319 | < 5 | 1.94 |
| 637320 | < 5 | 2.00 |
| 637321 | < 5 | 2.02 |
| 637322 | < 5 | 2.16 |
| 637323 | < 5 | 2.11 |
| 637324 | < 5 | 1.90 |
| 637325 | < 5 | 2.09 |
| 637326 | < 5 | 2.00 |
| 637327 | < 5 | 1.89 |
| 637328 | 470 | 0.0660 |
| 637329 | 5 | 2.15 |
| 637330 | < 5 | 2.09 |
| 637331 | < 5 | 2.08 |
| 637332 | < 5 | 2.12 |
| 637333 | 30 | 2.06 |
| 637334 | < 5 | 2.04 |
| 637335 | < 5 | 2.10 |
| 637336 | < 5 | 2.04 |
| 637337 | < 5 | 2.03 |
| 637338 | < 5 | 2.05 |
| 637339 | < 5 | 2.00 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637340 | < 5 | 0.310 |
| 637341 | < 5 | 2.00 |
| 637342 | < 5 | 2.09 |
| 637343 | < 5 | 2.17 |
| 637344 | < 5 | 2.03 |
| 637345 | < 5 | 1.95 |
| 637346 | < 5 | 1.95 |
| 637347 | < 5 | 1.89 |
| 637348 | < 5 | 1.99 |
| 637349 | < 5 | 1.96 |
| 637350 | < 5 | 1.89 |
| 637351 | < 5 | 1.93 |
| 637352 | < 5 | 1.89 |
| 637353 | 676 | 0.0670 |
| 637354 | < 5 | 2.03 |
| 637355 | < 5 | 2.78 |
| 637356 | < 5 | 1.39 |
| 637357 | < 5 | 1.40 |
| 637358 | < 5 | 2.66 |
| 637359 | 5 | 2.06 |
| 637360 | < 5 | 2.03 |
| 637361 | < 5 | 2.04 |
| 637362 | < 5 | 2.03 |
| 637363 | < 5 | 2.06 |
| 637364 | < 5 | 2.11 |
| 637365 | < 5 | 0.309 |
| 637366 | < 5 | 2.01 |
| 637367 | < 5 | 2.02 |
| 637368 | < 5 | 2.01 |
| 637369 | < 5 | 1.96 |
| 637370 | < 5 | 1.99 |
| 637371 | < 5 | 2.02 |
| 637372 | < 5 | 1.95 |
| 637373 | < 5 | 2.00 |
| 637374 | < 5 | 2.01 |
| 637375 | < 5 | 2.01 |
| 637376 | < 5 | 2.38 |
| 637377 | 7 | 1.99 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 637378 | 1590 | 0.0680 |
| 637379 | < 5 | 1.63 |
| 637380 | < 5 | 2.01 |
| 637381 | < 5 | 2.02 |
| 637382 | < 5 | 1.97 |
| 637383 | < 5 | 2.04 |
| 637384 | < 5 | 2.12 |
| 637385 | < 5 | 2.24 |
| 637386 | < 5 | 2.20 |
| 637387 | < 5 | 2.62 |
| 637388 | < 5 | 1.67 |
| 637389 | < 5 | 2.10 |
| 637390 | < 5 | 0.319 |
| 637391 | < 5 | 1.81 |
| 637392 | < 5 | 1.94 |
| 637393 | < 5 | 1.95 |
| 637394 | < 5 | 1.84 |
| 637395 | < 5 | 1.96 |
| 637396 | < 5 | 1.94 |
| 637397 | < 5 | 2.05 |
| 637398 | < 5 | 2.17 |
| 637399 | < 5 | 2.09 |
| 637400 | < 5 | 2.12 |
| 637401 | < 5 | 2.23 |
| 638508 | < 5 | 1.82 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2880 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3000 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3000 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2810 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3080 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2940 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2950 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3010 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 524 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 511 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 524 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 534 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 540 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 547 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 538 |
| OREAS 218 Cert | 531 |
| 637160 Orig | < 5 |
| 637160 Dup | < 5 |
| 637175 Orig | < 5 |
| 637175 Dup | < 5 |
| 637180 Orig | < 5 |
| 637180 Dup | < 5 |
| 637192 Orig | < 5 |
| | |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 637192 Dup | < 5 |
| 637198 Orig | < 5 |
| 637198 Dup | < 5 |
| 637212 Orig | < 5 |
| 637212 Dup | < 5 |
| 637223 Split Orig | < 5 |
| 637223 Split | < 5 |
| 637230 Orig | < 5 |
| 637230 Dup | < 5 |
| 637245 Orig | < 5 |
| 637245 Dup | < 5 |
| 637250 Orig | < 5 |
| 637250 Dup | < 5 |
| 637261 Orig | < 5 |
| 637261 Dup | < 5 |
| 637267 Orig | < 5 |
| 637267 Dup | < 5 |
| 637281 Orig | < 5 |
| 637281 Dup | < 5 |
| 637300 Orig | < 5 |
| 637300 Dup | < 5 |
| 637314 Orig | < 5 |
| 637314 Dup | < 5 |
| 637320 Orig | < 5 |
| 637320 Dup | < 5 |
| 637331 Orig | < 5 |
| 637331 Dup | < 5 |
| 637337 Orig | < 5 |
| 637337 Dup | < 5 |
| 637351 Orig | < 5 |
| 637351 Dup | < 5 |
| 637355 Split Orig | < 5 |
| 637355 Split | < 5 |
| 637369 Orig | < 5 |
| 637369 Dup | < 5 |
| 637384 Orig | < 5 |
| 637384 Dup | < 5 |
| 637387 Split Orig | < 5 |
| 637387 Split | < 5 |
| 637388 Orig | < 5 |
| 637388 Dup | < 5 |
| | |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 637399 Orig | < 5 |
| 637399 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 18-Apr-18
Invoice No.: A18-05017-ReAssay
Invoice Date: 05-Jun-18
Your Reference: Cote Gold

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

252 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-05017-ReAssay**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 637198 | < 5 |
| 637199 | < 5 |
| 637200 | < 5 |
| 637201 | < 5 |
| 637202 | < 5 |
| 637203 | 467 |
| 637204 | < 5 |
| 637205 | < 5 |
| 637206 | < 5 |
| 637207 | < 5 |
| 637208 | < 5 |
| 637248 | < 5 |
| 637249 | < 5 |
| 637250 | < 5 |
| 637251 | < 5 |
| 637252 | < 5 |
| 637253 | 458 |
| 637254 | < 5 |
| 637255 | < 5 |
| 637256 | < 5 |
| 637257 | < 5 |
| 637258 | < 5 |
| 637273 | < 5 |
| 637274 | < 5 |
| 637275 | < 5 |
| 637276 | < 5 |
| 637277 | < 5 |
| 637278 | 454 |
| 637279 | < 5 |
| 637280 | < 5 |
| 637281 | < 5 |
| 637282 | < 5 |
| 637283 | < 5 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 2890 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 534 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 515 |
| OREAS 218 Cert | 531 |
| 637207 Orig | < 5 |
| 637207 Dup | < 5 |
| 637275 Orig | < 5 |
| 637275 Dup | < 5 |
| 637280 Orig | < 5 |
| 637280 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |



Date Submitted: 18-Apr-18
Invoice No.: A18-05024
Invoice Date: 22-May-18
Your Reference:

**IAMGOLD COTE PROJECT
3 MESOMIKENDA LAKE RD
GOGAMA ON P0M 1W0
Canada**

ATTN: ALAN SMITH

CERTIFICATE OF ANALYSIS

241 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-50 Au - Fire Assay AA (QOP AA-Au)

Code Weight Report (kg) Received Weights (no pulps)

REPORT **A18-05024**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E'.

Emmanuel Esemé , Ph.D.
Quality Control

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| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638134 | < 5 | 2.81 |
| 638135 | < 5 | 2.42 |
| 638136 | < 5 | 2.41 |
| 638137 | < 5 | 2.25 |
| 638138 | < 5 | 2.24 |
| 638139 | < 5 | 2.07 |
| 638140 | < 5 | 0.317 |
| 638141 | < 5 | 2.36 |
| 638142 | < 5 | 2.26 |
| 638143 | < 5 | 2.38 |
| 638144 | < 5 | 2.19 |
| 638145 | < 5 | 2.13 |
| 638146 | < 5 | 2.54 |
| 638147 | < 5 | 2.28 |
| 638148 | < 5 | 1.49 |
| 638149 | < 5 | 2.40 |
| 638150 | < 5 | 2.42 |
| 638151 | < 5 | 2.40 |
| 638152 | < 5 | 3.43 |
| 638153 | 478 | 0.0690 |
| 638154 | < 5 | 3.48 |
| 638155 | < 5 | 2.25 |
| 638156 | < 5 | 2.35 |
| 638157 | < 5 | 2.36 |
| 638158 | < 5 | 2.24 |
| 638159 | < 5 | 2.23 |
| 638160 | < 5 | 2.42 |
| 638161 | < 5 | 2.33 |
| 638162 | < 5 | 2.24 |
| 638163 | < 5 | 2.26 |
| 638164 | < 5 | 2.29 |
| 638165 | < 5 | 0.313 |
| 638166 | < 5 | 2.23 |
| 638167 | < 5 | 2.08 |
| 638168 | < 5 | 2.17 |
| 638169 | < 5 | 2.67 |
| 638170 | < 5 | 1.85 |
| 638171 | < 5 | 2.18 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638172 | < 5 | 2.25 |
| 638173 | < 5 | 2.24 |
| 638174 | < 5 | 2.34 |
| 638175 | < 5 | 2.34 |
| 638176 | < 5 | 2.24 |
| 638177 | < 5 | 2.16 |
| 638178 | 484 | 0.0650 |
| 638179 | < 5 | 2.19 |
| 638180 | < 5 | 1.91 |
| 638181 | < 5 | 2.66 |
| 638182 | < 5 | 2.19 |
| 638183 | < 5 | 2.42 |
| 638184 | < 5 | 2.61 |
| 638185 | < 5 | 2.01 |
| 638186 | < 5 | 2.11 |
| 638187 | < 5 | 2.10 |
| 638188 | < 5 | 2.03 |
| 638189 | < 5 | 2.40 |
| 638190 | < 5 | 0.310 |
| 638191 | < 5 | 2.33 |
| 638192 | < 5 | 2.19 |
| 638193 | < 5 | 2.02 |
| 638194 | < 5 | 2.21 |
| 638195 | < 5 | 2.16 |
| 638196 | < 5 | 2.30 |
| 638197 | < 5 | 2.11 |
| 638198 | < 5 | 2.31 |
| 638199 | < 5 | 2.35 |
| 638200 | < 5 | 2.02 |
| 638201 | < 5 | 2.30 |
| 638202 | < 5 | 2.36 |
| 638203 | 219 | 0.0660 |
| 638204 | < 5 | 2.10 |
| 638205 | < 5 | 2.23 |
| 638206 | < 5 | 2.97 |
| 638207 | < 5 | 2.64 |
| 638208 | < 5 | 1.36 |
| 638209 | < 5 | 1.85 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638210 | < 5 | 2.47 |
| 638211 | < 5 | 2.21 |
| 638212 | < 5 | 2.13 |
| 638213 | < 5 | 2.17 |
| 638214 | < 5 | 2.17 |
| 638215 | < 5 | 0.319 |
| 638216 | < 5 | 2.32 |
| 638217 | < 5 | 2.14 |
| 638218 | < 5 | 2.27 |
| 638219 | < 5 | 2.16 |
| 638220 | < 5 | 2.24 |
| 638221 | < 5 | 2.05 |
| 638222 | < 5 | 2.20 |
| 638223 | < 5 | 2.23 |
| 638224 | < 5 | 2.22 |
| 638225 | < 5 | 2.15 |
| 638226 | < 5 | 2.20 |
| 638227 | < 5 | 2.12 |
| 638228 | 476 | 0.0660 |
| 638229 | < 5 | 2.22 |
| 638230 | < 5 | 2.29 |
| 638231 | < 5 | 2.07 |
| 638232 | < 5 | 2.37 |
| 638233 | < 5 | 2.34 |
| 638234 | < 5 | 2.21 |
| 638235 | < 5 | 2.15 |
| 638236 | < 5 | 2.22 |
| 638237 | < 5 | 2.22 |
| 638238 | < 5 | 2.30 |
| 638239 | < 5 | 2.23 |
| 638240 | < 5 | 0.310 |
| 638241 | < 5 | 2.04 |
| 638242 | < 5 | 2.22 |
| 638243 | < 5 | 2.13 |
| 638244 | < 5 | 3.43 |
| 638245 | < 5 | 3.24 |
| 638246 | < 5 | 2.25 |
| 638247 | < 5 | 2.18 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638248 | < 5 | 2.09 |
| 638249 | < 5 | 2.23 |
| 638250 | < 5 | 2.29 |
| 638251 | < 5 | 2.13 |
| 638252 | < 5 | 2.17 |
| 638253 | 458 | 0.0640 |
| 638254 | < 5 | 2.13 |
| 638255 | < 5 | 2.08 |
| 638256 | < 5 | 2.12 |
| 638257 | < 5 | 2.16 |
| 638258 | < 5 | 2.21 |
| 638259 | < 5 | 2.18 |
| 638260 | < 5 | 2.23 |
| 638261 | < 5 | 2.21 |
| 638262 | < 5 | 2.09 |
| 638263 | < 5 | 2.30 |
| 638264 | < 5 | 2.33 |
| 638265 | < 5 | 0.303 |
| 638266 | < 5 | 2.33 |
| 638267 | < 5 | 2.32 |
| 638268 | < 5 | 2.29 |
| 638269 | < 5 | 3.46 |
| 638270 | < 5 | 3.59 |
| 638271 | < 5 | 2.34 |
| 638272 | < 5 | 2.20 |
| 638273 | < 5 | 2.28 |
| 638274 | < 5 | 2.33 |
| 638275 | < 5 | 2.16 |
| 638276 | < 5 | 2.31 |
| 638277 | < 5 | 2.36 |
| 638278 | 1660 | 0.0520 |
| 638279 | < 5 | 2.26 |
| 638280 | < 5 | 2.38 |
| 638281 | < 5 | 2.28 |
| 638282 | < 5 | 2.00 |
| 638283 | < 5 | 2.51 |
| 638284 | < 5 | 2.16 |
| 638285 | < 5 | 2.32 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638286 | < 5 | 2.29 |
| 638287 | < 5 | 2.07 |
| 638288 | < 5 | 2.28 |
| 638289 | < 5 | 3.67 |
| 638290 | < 5 | 0.299 |
| 638291 | < 5 | 3.31 |
| 638292 | < 5 | 2.08 |
| 638293 | < 5 | 2.18 |
| 638294 | < 5 | 2.32 |
| 638295 | < 5 | 2.12 |
| 638296 | < 5 | 2.17 |
| 638297 | < 5 | 2.41 |
| 638298 | < 5 | 2.28 |
| 638299 | < 5 | 2.36 |
| 638300 | < 5 | 2.38 |
| 638301 | < 5 | 2.19 |
| 638302 | < 5 | 2.34 |
| 638303 | 222 | 0.0550 |
| 638304 | < 5 | 2.27 |
| 638305 | < 5 | 2.36 |
| 638306 | < 5 | 2.18 |
| 638307 | < 5 | 2.33 |
| 638308 | < 5 | 2.40 |
| 638309 | < 5 | 2.33 |
| 638310 | < 5 | 2.33 |
| 638311 | < 5 | 2.43 |
| 638312 | < 5 | 2.31 |
| 638313 | < 5 | 2.41 |
| 638314 | < 5 | 2.29 |
| 638315 | < 5 | 0.300 |
| 638316 | < 5 | 2.27 |
| 638317 | < 5 | 2.32 |
| 638318 | < 5 | 2.46 |
| 638319 | < 5 | 2.35 |
| 638320 | < 5 | 2.32 |
| 638321 | < 5 | 2.13 |
| 638322 | < 5 | 2.29 |
| 638323 | < 5 | 2.45 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638324 | < 5 | 2.28 |
| 638325 | < 5 | 2.24 |
| 638326 | < 5 | 2.44 |
| 638327 | < 5 | 2.17 |
| 638328 | 496 | 0.0530 |
| 638329 | < 5 | 2.31 |
| 638330 | < 5 | 2.20 |
| 638331 | < 5 | 2.30 |
| 638332 | < 5 | 2.25 |
| 638333 | < 5 | 2.25 |
| 638334 | < 5 | 2.26 |
| 638335 | < 5 | 2.21 |
| 638336 | < 5 | 2.65 |
| 638337 | < 5 | 2.14 |
| 638338 | < 5 | 1.90 |
| 638339 | < 5 | 2.13 |
| 638340 | < 5 | 0.297 |
| 638341 | < 5 | 2.25 |
| 638342 | < 5 | 2.14 |
| 638343 | < 5 | 2.52 |
| 638344 | < 5 | 2.34 |
| 638345 | < 5 | 2.29 |
| 638346 | < 5 | 2.38 |
| 638347 | < 5 | 2.32 |
| 638348 | < 5 | 2.67 |
| 638349 | < 5 | 3.18 |
| 638350 | < 5 | 2.79 |
| 638351 | < 5 | 2.16 |
| 638352 | < 5 | 2.21 |
| 638353 | 485 | 0.0530 |
| 638354 | < 5 | 2.03 |
| 638355 | < 5 | 1.91 |
| 638356 | < 5 | 2.00 |
| 638357 | < 5 | 2.08 |
| 638358 | < 5 | 1.86 |
| 638359 | < 5 | 2.18 |
| 638360 | < 5 | 1.88 |
| 638361 | < 5 | 2.19 |

| Analyte Symbol | Au | Received Weight |
|-----------------|--------|--------------------|
| Package Code | 1A2-50 | Weight Report (kg) |
| Detection Limit | 5 | |
| Unit Symbol | ppb | Kg |
| Analysis Method | FA-AA | none |
| 638362 | < 5 | 2.06 |
| 638363 | < 5 | 2.03 |
| 638364 | < 5 | 2.30 |
| 638365 | < 5 | 0.303 |
| 638366 | < 5 | 2.03 |
| 638367 | < 5 | 2.23 |
| 638368 | < 5 | 2.31 |
| 638369 | < 5 | 2.12 |
| 638370 | < 5 | 2.26 |
| 638371 | < 5 | 1.98 |
| 638372 | < 5 | 2.31 |
| 638373 | < 5 | 2.23 |
| 900924 | < 5 | 2.20 |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| OREAS 214 Meas | 3050 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2960 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3020 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3060 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3010 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3190 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 2970 |
| OREAS 214 Cert | 3030 |
| OREAS 214 Meas | 3120 |
| OREAS 214 Cert | 3030 |
| OREAS 218 Meas | 538 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 550 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 549 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 558 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 529 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 537 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 524 |
| OREAS 218 Cert | 531 |
| OREAS 218 Meas | 564 |
| OREAS 218 Cert | 531 |
| 638143 Orig | < 5 |
| 638143 Dup | < 5 |
| 638158 Orig | < 5 |
| 638158 Dup | < 5 |
| 638163 Orig | < 5 |
| 638163 Dup | < 5 |
| 638174 Orig | < 5 |
| 638174 Dup | < 5 |
| 638180 Orig | < 5 |

| | |
|-------------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| 638180 Dup | < 5 |
| 638184 Split Orig | < 5 |
| 638184 Split | < 5 |
| 638193 Orig | < 5 |
| 638193 Dup | < 5 |
| 638212 Orig | < 5 |
| 638212 Dup | < 5 |
| 638227 Orig | < 5 |
| 638227 Dup | < 5 |
| 638232 Orig | < 5 |
| 638232 Dup | < 5 |
| 638243 Orig | < 5 |
| 638243 Dup | < 5 |
| 638244 Split Orig | < 5 |
| 638244 Split | < 5 |
| 638248 Orig | < 5 |
| 638248 Dup | < 5 |
| 638262 Orig | < 5 |
| 638262 Dup | < 5 |
| 638281 Orig | < 5 |
| 638281 Dup | < 5 |
| 638289 Split Orig | < 5 |
| 638289 Split | < 5 |
| 638295 Orig | < 5 |
| 638295 Dup | < 5 |
| 638300 Orig | < 5 |
| 638300 Dup | < 5 |
| 638311 Orig | < 5 |
| 638311 Dup | < 5 |
| 638317 Orig | < 5 |
| 638317 Dup | < 5 |
| 638331 Orig | < 5 |
| 638331 Dup | < 5 |
| 638336 Split Orig | < 5 |
| 638336 Split | < 5 |
| 638350 Split Orig | < 5 |
| 638350 Split | < 5 |
| 638364 Orig | < 5 |
| 638364 Dup | < 5 |
| 638370 Orig | < 5 |
| 638370 Dup | < 5 |
| | |

| | |
|-----------------|--------|
| Analyte Symbol | Au |
| Package Code | 1A2-50 |
| Detection Limit | 5 |
| Unit Symbol | ppb |
| Analysis Method | FA-AA |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

QAQC

Drill Core Samples

| Hole No. | Sample No. | Lab value (ppb) | Lab Certificate No. | Value (Au_FA_AA_ppb) | Standard Value (<5ppb) | Std Dev (ppb) | Pass or Fail |
|----------|------------|-----------------|---------------------|----------------------|------------------------|---------------|--------------|
| CD17-001 | 637390 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637265 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637215 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637290 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637240 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637165 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637315 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637365 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-001 | 637340 | <5 | A18-05017 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460315 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460190 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460265 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460340 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460240 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460215 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-002 | 460290 | <5 | A18-03361 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638640 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638615 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638590 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638565 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638540 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 638515 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 637495 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 637465 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 637440 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-003 | 637415 | <5 | A18-02149v2 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638815 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638865 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638790 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638715 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638740 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638765 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638690 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638840 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638665 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-004 | 638890 | <5 | A18-03660 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 456515 | <5 | A18-01344 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 456540 | <5 | A18-01344 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 456590 | <5 | A18-01344 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 456615 | <5 | A18-01344 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 456565 | <5 | A18-01344 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 638390 | <5 | A18-01345 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 638415 | <5 | A18-01345 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 638440 | <5 | A18-01345 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 638465 | <5 | A18-01345 | 5 | 5 | 0.015 | Pass |
| CD17-005 | 638490 | <5 | A18-01345 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638140 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638165 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638190 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638240 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638365 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638265 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |

| Hole No. | Sample No. | Lab value (ppb) | Lab Certificate No. | Value (Au_FA_AA_ppb) | Standard Value (<5ppb) | Std Dev (ppb) | Pass or Fail |
|----------|------------|-----------------|---------------------|----------------------|------------------------|---------------|--------------|
| CD17-006 | 638315 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638290 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638340 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-006 | 638215 | <5 | A18-05024 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638940 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638015 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638915 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638065 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638090 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638990 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638965 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638115 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-007 | 638040 | <5 | A18-04779 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459590 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459565 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459640 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459715 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459690 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459665 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-008 | 459615 | <5 | A18-04760 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456790 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456740 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456715 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456890 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456815 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456765 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456865 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-009 | 456840 | <5 | A18-03364 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459815 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459890 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459865 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459840 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459765 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459790 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-010 | 459915 | <5 | A18-01461 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456690 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456990 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456965 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456915 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456640 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456665 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-011 | 456940 | <5 | A18-03167 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460090 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460165 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460115 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460015 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460040 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460065 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-012 | 460140 | <5 | A18-01462 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460440 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460415 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460365 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |

| Hole No. | Sample No. | Lab value (ppb) | Lab Certificate No. | Value (Au_FA_AA_ppb) | Standard Value (<5ppb) | Std Dev (ppb) | Pass or Fail |
|-----------|------------|-----------------|---------------------|----------------------|------------------------|---------------|--------------|
| CD17-013 | 456015 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460390 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460465 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-013 | 460490 | <5 | A18-01349 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456340 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456265 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456040 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456065 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456090 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456115 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456140 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456165 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456190 | 6 | A18-00585 | 6 | 5 | 0.015 | Pass |
| CD17-014 | 456390 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456240 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456290 | 6 | A18-00585 | 6 | 5 | 0.015 | Pass |
| CD17-014 | 456315 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456365 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456415 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456440 | <5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-014 | 456215 | 5 | A18-00585 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765365 | 13 | A18-00680 | 13 | 5 | 0.015 | Pass |
| CD17-015 | 765340 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765315 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765290 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765265 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765240 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-015 | 765215 | <5 | A18-00680 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765490 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765565 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765415 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765540 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765440 | 6 | A18-01469 | 6 | 5 | 0.015 | Pass |
| CD17-016 | 765465 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-016 | 765515 | <5 | A18-01469 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765165 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765140 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765115 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765015 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765040 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765045 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765065 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |
| CD17-017A | 765090 | <5 | A18-00373 | 5 | 5 | 0.015 | Pass |

| Hole No. | Sample No. | Lab VALUE (ppm) | Pass or Fail | Standard Type | Lab Certificate No. | Re-assayed Lab VALUE | Re-assayed Lab Job | Re-assayed Pass or Fail | Expected AU (ppm) | STD DEV | Lower 2nd Std Dev (ppm) | Upper 2nd Std Dev (ppm) | Lower 3rd Std Dev (ppm) | Upper 3rd Std Dev (ppm) |
|----------|------------|-----------------|--------------|---------------|---------------------|----------------------|--------------------|-------------------------|-------------------|---------|-------------------------|-------------------------|-------------------------|-------------------------|
| CD17-001 | 637153 | 0.688 | Pass | Oreas 503b | A18-05017 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-001 | 637178 | 1.62 | Pass | Oreas 504b | A18-05017 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-001 | 637203 | 0.444 | Fail | Oreas 502b | A18-05017 | No Reassay | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-001 | 637228 | 0.475 | Pass | Oreas 502b | A18-05017 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-001 | 637253 | 0.494 | Pass | Oreas 502b | A18-05017 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-001 | 637278 | 0.447 | Fail | Oreas 502b | A18-05017 | No Reassay | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-001 | 637303 | 0.219 | Pass | Oreas 501C | A18-05017 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-001 | 637328 | 0.47 | Pass | Oreas 502b | A18-05017 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-001 | 637353 | 0.676 | Pass | Oreas 503b | A18-05017 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-001 | 637378 | 1.59 | Pass | Oreas 504b | A18-05017 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-002 | 460178 | 1.56 | Pass | Oreas 504b | A18-03361 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-002 | 460203 | 0.217 | Pass | Oreas 501C | A18-03361 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-002 | 460228 | 0.477 | Pass | Oreas 502b | A18-03361 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-002 | 460253 | 0.667 | Pass | Oreas 503b | A18-03361 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-002 | 460278 | 1.51 | Pass | Oreas 504b | A18-03361 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-002 | 460303 | 0.217 | Pass | Oreas 501C | A18-03361 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-002 | 460328 | 0.464 | Pass | Oreas 502b | A18-03361 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-002 | 460353 | 0.675 | Pass | Oreas 503b | A18-03361 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-003 | 637403 | 0.238 | Pass | Oreas 501C | A18-02149v2 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-003 | 637428 | 0.52 | Pass | Oreas 502b | A18-02149v2 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-003 | 637453 | 0.71 | Pass | Oreas 503b | A18-02149v2 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-003 | 637478 | 1.65 | Pass | Oreas 504b | A18-02149v2 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-003 | 638503 | 0.232 | Pass | Oreas 501C | A18-02149v2 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-003 | 638528 | 0.518 | Pass | Oreas 502b | A18-02149v2 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-003 | 638553 | 0.707 | Pass | Oreas 503b | A18-02149v2 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-003 | 638578 | 1.61 | Pass | Oreas 504b | A18-02149v2 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-003 | 638603 | 1.62 | Pass | Oreas 504b | A18-02149v2 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-003 | 638628 | 0.478 | Pass | Oreas 502b | A18-02149v2 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-004 | 638653 | 0.676 | Pass | Oreas 503b | A18-03660 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-004 | 638678 | 1.51 | Pass | Oreas 504b | A18-03660 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-004 | 638703 | 0.221 | Pass | Oreas 501C | A18-03660 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-004 | 638728 | 0.476 | Pass | Oreas 502b | A18-03660 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-004 | 638753 | 0.676 | Pass | Oreas 503b | A18-03660 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-004 | 638778 | 1.62 | Pass | Oreas 504b | A18-03660 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-004 | 638803 | 0.235 | Pass | Oreas 501C | A18-03660 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-004 | 638828 | 0.478 | Pass | Oreas 502b | A18-03660 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-004 | 638853 | 0.703 | Pass | Oreas 503b | A18-03660 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |

| Hole No. | Sample No. | Lab VALUE (ppm) | Pass or Fail | Standard Type | Lab Certificate No. | Re-assayed Lab VALUE | Re-assayed Lab Job | Re-assayed Pass or Fail | Expected AU (ppm) | STD DEV | Lower 2nd Std Dev (ppm) | Upper 2nd Std Dev (ppm) | Lower 3rd Std Dev (ppm) | Upper 3rd Std Dev (ppm) |
|----------|------------|-----------------|--------------|---------------|---------------------|----------------------|--------------------|-------------------------|-------------------|---------|-------------------------|-------------------------|-------------------------|-------------------------|
| CD17-004 | 638878 | 1.64 | Pass | Oreas 504b | A18-03660 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-005 | 456503 | 0.225 | Pass | Oreas 501C | A18-01344 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-005 | 456528 | 0.488 | Pass | Oreas 502b | A18-01344 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-005 | 456553 | 0.686 | Pass | Oreas 503b | A18-01344 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-005 | 456578 | 1.56 | Pass | Oreas 504b | A18-01344 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-005 | 456603 | 0.22 | Pass | Oreas 501C | A18-01344 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-005 | 638378 | 1.590 | Pass | Oreas 504b | A18-01345 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-005 | 638403 | 0.224 | Pass | Oreas 501C | A18-01345 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-005 | 638428 | 0.505 | Pass | Oreas 502b | A18-01345 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-005 | 638453 | 0.721 | Pass | Oreas 503b | A18-01345 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-005 | 638478 | 1.620 | Pass | Oreas 504b | A18-01345 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-006 | 638153 | 0.478 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-006 | 638178 | 0.484 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-006 | 638203 | 0.219 | Pass | Oreas 501C | A18-05024 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-006 | 638228 | 0.476 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-006 | 638253 | 0.458 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-006 | 638278 | 1.66 | Pass | Oreas 504b | A18-05024 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-006 | 638303 | 0.222 | Pass | Oreas 501C | A18-05024 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-006 | 638328 | 0.496 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-006 | 638353 | 0.485 | Pass | Oreas 502b | A18-05024 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-007 | 638003 | 0.21 | Pass | Oreas 501C | A18-04779 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-007 | 638028 | 0.47 | Pass | Oreas 502b | A18-04779 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-007 | 638053 | 0.696 | Pass | Oreas 503b | A18-04779 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-007 | 638078 | 1.61 | Pass | Oreas 504b | A18-04779 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-007 | 638103 | 0.22 | Pass | Oreas 501C | A18-04779 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-007 | 638128 | 0.474 | Pass | Oreas 502b | A18-04779 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-007 | 638903 | 0.221 | Pass | Oreas 501C | A18-04779 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-007 | 638928 | 0.473 | Pass | Oreas 502b | A18-04779 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-007 | 638953 | 0.686 | Pass | Oreas 503b | A18-04779 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-007 | 638978 | 1.66 | Pass | Oreas 504b | A18-04779 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-008 | 459553 | 0.658 | Pass | Oreas 503b | A18-04760 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-008 | 459578 | 1.5 | Pass | Oreas 504b | A18-04760 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-008 | 459603 | 0.223 | Pass | Oreas 501C | A18-04760 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-008 | 459628 | 0.491 | Pass | Oreas 502b | A18-04760 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-008 | 459653 | 0.687 | Pass | Oreas 503b | A18-04760 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-008 | 459678 | 1.62 | Pass | Oreas 504b | A18-04760 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-008 | 459703 | 0.202 | Pass | Oreas 501C | A18-04760 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |

| Hole No. | Sample No. | Lab VALUE (ppm) | Pass or Fail | Standard Type | Lab Certificate No. | Re-assayed Lab VALUE | Re-assayed Lab Job | Re-assayed Pass or Fail | Expected AU (ppm) | STD DEV | Lower 2nd Std Dev (ppm) | Upper 2nd Std Dev (ppm) | Lower 3rd Std Dev (ppm) | Upper 3rd Std Dev (ppm) |
|----------|------------|-----------------|--------------|---------------|---------------------|----------------------|--------------------|-------------------------|-------------------|---------|-------------------------|-------------------------|-------------------------|-------------------------|
| CD17-009 | 456703 | 0.217 | Pass | Oreas 501C | A18-03364 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-009 | 456728 | 0.459 | Pass | Oreas 502b | A18-03364 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-009 | 456753 | 0.677 | Pass | Oreas 503b | A18-03364 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-009 | 456778 | 1.53 | Pass | Oreas 504b | A18-03364 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-009 | 456803 | 0.215 | Pass | Oreas 501C | A18-03364 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-009 | 456828 | 0.464 | Pass | Oreas 502b | A18-03364 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-009 | 456853 | 0.625 | Fail | Oreas 503b | A18-03364 | 0.684 | A18-03364r | Pass | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-009 | 456878 | 1.54 | Pass | Oreas 504b | A18-03364 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-010 | 459753 | 0.694 | Pass | Oreas 503b | A18-01461 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-010 | 459778 | 1.6 | Pass | Oreas 504b | A18-01461 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-010 | 459803 | 0.226 | Pass | Oreas 501C | A18-01461 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-010 | 459828 | 0.509 | Pass | Oreas 502b | A18-01461 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-010 | 459853 | 0.731 | Pass | Oreas 503b | A18-01461 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-010 | 459878 | 1.59 | Pass | Oreas 504b | A18-01461 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-010 | 459903 | 0.233 | Pass | Oreas 501C | A18-01461 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-011 | 456628 | 0.484 | Pass | Oreas 502b | A18-03167 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-011 | 456653 | 0.656 | Pass | Oreas 503b | A18-03167 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-011 | 456678 | 1.55 | Pass | Oreas 504b | A18-03167 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-011 | 456903 | 1.55 | Pass | Oreas 504b | A18-03167 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-011 | 456928 | 0.673 | Pass | Oreas 503b | A18-03167 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-011 | 456953 | 0.666 | Pass | Oreas 503b | A18-03167 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-011 | 456978 | 1.57 | Pass | Oreas 504b | A18-03167 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-012 | 460003 | 0.228 | Pass | Oreas 501C | A18-01462 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-012 | 460028 | 0.502 | Pass | Oreas 502b | A18-01462 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-012 | 460053 | 0.704 | Pass | Oreas 503b | A18-01462 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-012 | 460078 | 1.6 | Pass | Oreas 504b | A18-01462 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-012 | 460103 | 0.226 | Pass | Oreas 501C | A18-01462 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-012 | 460128 | 0.519 | Pass | Oreas 502b | A18-01462 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-012 | 460153 | 0.698 | Pass | Oreas 503b | A18-01462 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-013 | 456003 | 0.228 | Pass | Oreas 501C | A18-01349 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-013 | 456028 | 0.499 | Pass | Oreas 502b | A18-01349 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-013 | 460378 | 1.69 | Pass | Oreas 504b | A18-01349 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-013 | 460403 | 0.223 | Pass | Oreas 501C | A18-01349 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-013 | 460428 | 0.5 | Pass | Oreas 502b | A18-01349 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-013 | 460453 | 0.699 | Pass | Oreas 503b | A18-01349 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-013 | 460478 | 1.58 | Pass | Oreas 504b | A18-01349 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-014 | 456053 | 0.709 | Pass | Oreas 503b | A18-00585 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |

| Hole No. | Sample No. | Lab VALUE (ppm) | Pass or Fail | Standard Type | Lab Certificate No. | Re-assayed Lab VALUE | Re-assayed Lab Job | Re-assayed Pass or Fail | Expected AU (ppm) | STD DEV | Lower 2nd Std Dev (ppm) | Upper 2nd Std Dev (ppm) | Lower 3rd Std Dev (ppm) | Upper 3rd Std Dev (ppm) |
|-----------|------------|-----------------|--------------|---------------|---------------------|----------------------|--------------------|-------------------------|-------------------|---------|-------------------------|-------------------------|-------------------------|-------------------------|
| CD17-014 | 456078 | 1.5 | Pass | Oreas 504b | A18-00585 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-014 | 456103 | 0.219 | Pass | Oreas 501C | A18-00585 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-014 | 456128 | 0.504 | Pass | Oreas 502b | A18-00585 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-014 | 456153 | 0.69 | Pass | Oreas 503b | A18-00585 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-014 | 456178 | 1.6 | Pass | Oreas 504b | A18-00585 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-014 | 456203 | 0.221 | Pass | Oreas 501C | A18-00585 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-014 | 456228 | 0.487 | Pass | Oreas 502b | A18-00585 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-014 | 456253 | 0.68 | Pass | Oreas 503b | A18-00585 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-014 | 456278 | 1.56 | Pass | Oreas 504b | A18-00585 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-014 | 456303 | 0.234 | Pass | Oreas 501C | A18-00585 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-014 | 456328 | 0.485 | Pass | Oreas 502b | A18-00585 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-014 | 456353 | 0.684 | Pass | Oreas 503b | A18-00585 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-014 | 456378 | 1.57 | Pass | Oreas 504b | A18-00585 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-014 | 456403 | 0.218 | Pass | Oreas 501C | A18-00585 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-014 | 456428 | 0.474 | Pass | Oreas 502b | A18-00585 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-015 | 765203 | 0.227 | Pass | Oreas 501C | A18-00680 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-015 | 765228 | 0.415 | Fail | Oreas 502b | A18-00680 | 0.504 | A18-00680r | Pass | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-015 | 765253 | 0.689 | Pass | Oreas 503b | A18-00680 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-015 | 765278 | 1.51 | Pass | Oreas 504b | A18-00680 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-015 | 765303 | 0.308 | Fail | Oreas 501C | A18-00680 | 0.217 | A18-00680r | Pass | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-015 | 765328 | 0.5 | Pass | Oreas 502b | A18-00680 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-015 | 765353 | 0.718 | Pass | Oreas 503b | A18-00680 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-015 | 765378 | 1.55 | Pass | Oreas 504b | A18-00680 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-016 | 765403 | 0.225 | Pass | Oreas 501C | A18-01469 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-016 | 765428 | 0.497 | Pass | Oreas 502b | A18-01469 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-016 | 765453 | 0.682 | Pass | Oreas 503b | A18-01469 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-016 | 765478 | 1.57 | Pass | Oreas 504b | A18-01469 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-016 | 765503 | 0.218 | Pass | Oreas 501C | A18-01469 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-016 | 765528 | 0.512 | Pass | Oreas 502b | A18-01469 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-016 | 765553 | 0.721 | Pass | Oreas 503b | A18-01469 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-016 | 765578 | 1.56 | Pass | Oreas 504b | A18-01469 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-017A | 765003 | 0.214 | Pass | Oreas 501C | A18-00373 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-017A | 765028 | 0.466 | Pass | Oreas 502b | A18-00373 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-017A | 765053 | 0.697 | Pass | Oreas 503b | A18-00373 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |
| CD17-017A | 765078 | 1.54 | Pass | Oreas 504b | A18-00373 | | | | 1.61 | 0.04 | 1.53 | 1.68 | 1.5 | 1.72 |
| CD17-017A | 765103 | 0.214 | Pass | Oreas 501C | A18-00373 | | | | 0.221 | 0.007 | 0.208 | 0.234 | 0.202 | 0.241 |
| CD17-017A | 765128 | 0.472 | Pass | Oreas 502b | A18-00373 | | | | 0.495 | 0.015 | 0.464 | 0.525 | 0.448 | 0.54 |
| CD17-017A | 765153 | 0.671 | Pass | Oreas 503b | A18-00373 | | | | 0.695 | 0.021 | 0.654 | 0.737 | 0.633 | 0.757 |

Appendix H

Distribution of Assessment Work by Claim, Lease and Patent Cell

Table H1: Distribution of geological mapping work by claim, lease or patent

| Claim, Lease or Patent No. | Type of Work | Percentage Worked | No. Samples per Claim, Lease or Patent | Amount | Attributable Amount |
|-----------------------------------|---------------------------------|--------------------------|-----------------------------------------------|---------------------|----------------------------|
| LEA-109892 | Geological mapping | 60.67 | 108 | \$ 43,714.05 | \$ 27,097.41 |
| CLM 556 | Geological mapping | 13.48 | 24 | \$ 9,714.23 | \$ 6,021.65 |
| LEA-109881 | Geological mapping | 3.37 | 6 | \$ 2,428.56 | \$ 1,505.41 |
| LEA-109901 | Geological mapping | 2.25 | 4 | \$ 1,619.04 | \$ 1,003.61 |
| CLM 553 | Geological mapping | 2.25 | 4 | \$ 1,619.04 | \$ 1,003.61 |
| PAT-1025 | Geological mapping | 8.99 | 16 | \$ 6,476.16 | \$ 4,014.43 |
| 116621 | Geological mapping | 0.56 | 1 | \$ 404.76 | \$ 250.90 |
| 224235 | Geological mapping | 4.49 | 8 | \$ 3,238.08 | \$ 2,007.22 |
| 212220 | Geological mapping | 1.69 | 3 | \$ 1,214.28 | \$ 752.71 |
| 328798 | Geological mapping | 0.56 | 1 | \$ 404.76 | \$ 250.90 |
| 314121 | Geological mapping | 1.69 | 3 | \$ 1,214.28 | \$ 752.71 |
| | | 100 | 178 | \$ 72,047.23 | \$ 44,660.55 |
| | Geological Mapping Costs | | | Amount | Attributable Amount |
| | Geologist | | | \$ 10,800.00 | \$ 8,400.00 |
| | Junior geologists | | | \$ 35,200.00 | \$ 20,200.00 |
| | Geotechnician | | | \$ 1,200.00 | \$ 600.00 |
| | Actlabs | | | \$ 5,882.23 | \$ 3,738.05 |
| | Transportation | | | \$ 2,900.00 | \$ 1,800.00 |
| | lamgold camp | | | \$ 16,065.00 | \$ 9,922.50 |
| | Total | | | \$ 72,047.23 | \$ 44,660.55 |

Table H2: Distribution of diamon drill work by lease

| Lease No. | Type of Work | Percentage Worked | No. Drill holes/Lease | Amount | | Attributable Amount | |
|---------------------------------|---------------------|--------------------------|------------------------------|---------------|-------------------|----------------------------|-------------------|
| LEA-109892 | Diamond Drilling | 48.82 | 8.3 | \$ | 276,089.49 | \$ | 138,044.75 |
| CLM 556 | Diamond Drilling | 39.41 | 6.7 | \$ | 222,867.42 | \$ | 111,433.71 |
| LEA-109881 | Diamond Drilling | 11.76 | 2 | \$ | 66,527.59 | \$ | 33,263.79 |
| | | 100 | 17 | \$ | 565,484.50 | \$ | 282,742.25 |
| Geological Mapping Costs | | | | Amount | | Attributable Amount | |
| | Geologist | | | \$ | 11,600.00 | \$ | 5,800.00 |
| | Junior geologists | | | \$ | 20,800.00 | \$ | 10,400.00 |
| | Geotechnician | | | \$ | 33,600.00 | \$ | 16,800.00 |
| | Norex | | | \$ | 402,140.01 | \$ | 201,070.01 |
| | L. Labelle Surveys | | | \$ | 2,531.20 | \$ | 1,265.60 |
| | Actlabs | | | \$ | 78,598.29 | \$ | 39,299.15 |
| | Transportation | | | \$ | 150.00 | \$ | 75.00 |
| | Iamgold camp | | | \$ | 16,065.00 | \$ | 8,032.50 |
| | Total | | | \$ | 565,484.50 | \$ | 282,742.25 |

Appendix I

Legend of Abbreviations

Table I: List of abbreviations

Symbol Description

General Abbreviations

| | |
|-------|-----------------------------|
| cm | Centimetre |
| ppm | Parts per million |
| g/t | Grams per tonne |
| % | Percent |
| ca. | Circa |
| Ma | Millions years |
| NAD | North American Datum |
| NTS | National Topographic System |
| Corp. | Corporation |
| Ltd. | Limited |
| Inc. | Incorporated |
| No. | Number |
| cont. | Continued |
| ± | Plus or minus |
| < | Less than |

Surface Mapping Abbreviations

| | |
|---------|-----------------------------------------|
| QV | Quartz vein |
| QCV | Quartz-carbonate vein |
| QCSV | Quartz-carbonate-sulphide |
| QCBV | Quartz-carbonate-biotite vein |
| QCCHLV | Quartz-carbonate-chlorite vein |
| QCCHLSV | Quartz-carbonate-chlorite-sulphide vein |
| QCHLSV | Quartz-chlorite-sulphide vein |
| QTSV | Quartz-tourmaline-sulphide vein |
| CHLMTV | Chlorite-magnetite vein |
| py | Pyrite |
| cpy | Chalcopyrite |
| po | Pyrrhotite |
| mal | Malachite |

Symbol Description

Drill Hole Log Abbreviations

| | |
|----------------|--------------------------|
| kg | kilogram |
| ppb | Parts per billion |
| ppm | Parts per million |
| m | meter |
| mm | millimeter |
| DL | Detection Limit |
| VG | Visible Gold |
| Au-FA | Gold fire assay |
| Inten. | Intensity |
| DIS or Diss | Disseminated |
| CL or CHL | Chlorite |
| QZ or qz | Quartz |
| Py or PY | Pyrite |
| OB or OB | Overburden |
| DIA | Diabase |
| DR | Diorite |
| FP | Feldspar Phenocrysts |
| FVOL | Felsic Volcanic |
| IVOL | Intermediate Volcanic |
| Lam | Lamprophyre |
| LamDk | Lamprophyre Dyke |
| MafDk | Mafic Dyke |
| MVOL | Mafic Volcanic |
| QDR | Quartz Diorite |
| QDRBx | Quartz Diorite Breccia |
| QFP or Qfprphy | Quartz Feldspar Porphyry |
| Ton | Tonalite |
| TonBx | Tonalite Breccia |
| EOH | End of Hole |
| Alt | altered |
| CA or AC | Core Axis |
| Irr | Irregular |
| Sup | Superior |
| inf | Inferred |

Appendix J

Permits

Exploration Permit/Permis d'exploration

Number/Numero : PR-16-10943

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est émis conformément aux dispositions de section 78.3 de la *Loi sur les mines* et des règlements et est sujet aux restrictions et dispositions de ce lois et règlements ainsi qu'aux conditions ci-énoncées

Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.

Remarque: La délivrance d'un permis n'exonère pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, gouvernement, etc. qui pourrait être exigée, non plus qu'elle exempte le détenteur des dispositions des lois et elle ne garantit pas l'accès à la terre.

Project Details/ Détails sur le projet

| | |
|-------------------------------|-------------------------------------------|
| Project Name/ Titre du projet | Qualified Supervisor/Superviseur qualifié |
| TAAC Watershed Project | Alan Smith |

This Permit is issued to: Ce Permis est délivré a:

Name of Permittee/Nom du détenteur:
Trelawney Augen Acquisition Corporation

Mailing Address/Adresse postale:
3 Memomikenda Lake Road, P.O. Box 100, Gogama, Ontario P0M 1W0

To conduct an early exploration activities from/ Pour effectuer des activités d'exploration du (yyyy/mm/dd): 2016/09/19 to: 2019/09/18

On claim/lease/licence of occupation number(s)/Sur le numéro(s) du claim/bail/permis d'occupation: 4209355 4216686 3004844 3010239 3011820 3011854 3014374 3017665 3017666 3017667 3017668 3018410 3018411 3018412 3018437 3019033 4203263 4203267 4203839 4203852 4206270 4206271 4206272 4206273 4206276 4206277 4206278 4206279 4227171 4240907 4240908 4219670 3017383 3017384 3017670 3017671 3017672 3017673 3017674 3018463 3018541 3019553 3019555 3019556 4203293 4203294 as per your exploration permit application date/conformément a la demande de permis d'exploration en date du: 2016/08/18

for the purpose of:

- Mechanized Drilling (assembled weight >150kg)/ Forage mécanisé (poids assemblé >150 kg)
- Mechanized Stripping (>100m² in 200m radius)/ Décapage mécanisé (> 100 m² dans un rayon de 200 m)
- Pitting and Trenching (>3m³ in 200m radius)/ Creusement de fosses et de tranchées (>3 m³ dans un rayon de 200 m)
- Line Cutting (>1.5m width)/ Découpage des quadrillages (<1,5 m de largeur)
- Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour laquelle le Directeur a demandé un permis):

Subject to the following conditions:/Et sous les conditions suivantes:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le détenteur conserver ace permis ou une copie conforme sur les lieux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration permit area to any inspector whenever requested by the officer./Le responsable des travaux couverts par ce permis doit produire le permis ou sa copie conforme si un inspecteur lui demande.
3. The requirements outlined in Schedule 1 of Ontario Regulation 308/2012 and applicable Provincial Standards for Early Exploration/ Les exigences générales identifier à l'annexe 1 du Règlement de l'Ontario 308/2012 et les normes provinciale relatives a l'exploration préliminaire.
4. Other terms and conditions as listed on this permit./Autres termes et conditions énoncées sur ce permis.

Place of Issue/Emis a:
South Porcupine, Ontario

Issued by/Emis par:
Director of Exploration, Northeast Region

Date of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):
2016/09/19

Signature of Director/Signature du directeur:

Robert Calhoun

Additional Terms and Conditions:

N/A

Autre termes et conditions:

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est émis conformément aux dispositions de section 78.3 de la *Loi sur les mines* et des règlements et est sujet aux restrictions et dispositions de ce lois et règlements ainsi qu'aux conditions ci-énoncées

Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.

Remarque: La délivrance d'un permis n'exonère pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, gouvernement, etc. qui pourrait être exigée, non plus qu'elle exempte le détenteur des dispositions des lois et elle ne garantit pas l'accès à la terre.

Project Details/ Détails sur le projetProject Name/ Titre du projet
CHESTER AREAQualified Supervisor/Superviseur qualifié
ALAN SMITH**This Permit is issued to: Ce Permis est délivré a:**

Name of Permittee/Nom du détenteur:

TREWLAWNEY MINING AND EXPLORATION INC. / 986813 ONTARIO LIMITED

Mailing Address/Adresse postale:

#3 MESOMIKENDA LAKE ROAD, GOGAMA, ON, P0M 1W0

To conduct an early exploration activities from/ Pour effectuer des activités d'exploration du (yyyy/mm/dd): 2016/08/04 to: 2019/08/03

On claim/lease/licence of occupation number(s)/Sur le numéro(s) du claim/bail/permis d'occupation:

543820 543822 681824 681825 681826 681827 720647 720673 720674 720675 720703 720704 720705 734211 734213 734214 894840 894841 894842
1210929 1213793 1213796 4220425 4240522 4241016 4254022 4260697 4260698 4260699 4260700 CLM266 CLM365 CLM376 1238635 1191819 1246710
3007643 3010943 3011808 3018489 3018490 3006971 4201539 471954 471955 471956 471957 471958 473683 473684 473685 473686 473687 473688
473689 473690 473691 473692 473693 473694 473703 473704 473705 473706 473707 473708 473709 473710 473711 473713 473714 473712 473715
473716 473717 473718 473719 473720 473721 473722 473723 473724 473725 473726 473727 473728 473729 473730 473731 473732 473733 473734
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549111 549113 549114 549115 549116 549117 549294 881269 881270 1136163 1136164 1158643 1158644 538059 543993 538082 543824 543823

as per your exploration permit application date/conformément à la demande de permis d'exploration en date du: 2016/06/11

for the purpose of:

- Mechanized Drilling (assembled weight >150kg)/ Forage mécanisé (poids assemblé >150 kg)
- Mechanized Stripping (>100m² in 200m radius) / Décapage mécanisé (> 100 m² dans un rayon de 200 m)
- Pitting and Trenching (>3m³ in 200m radius)/ Creusement de fosses et de tranchées (>3 m³ dans un rayon de 200 m)
- Line Cutting (>1.5m width)/ Découpage des quadrillages (<1,5 m de largeur)
- Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour laquelle le Directeur a demandé un permis):

Subject to the following conditions:/Et sous les conditions suivantes:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le détenteur conserver ce permis ou une copie conforme sur les lieux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration permit area to any inspector whenever requested by the officer./Le responsable des travaux couverts par ce permis doit produire le permis ou sa copie conforme si un inspecteur lui demande.
3. The requirements outlined in Schedule 1 of Ontario Regulation 308/2012 and applicable Provincial Standards for Early Exploration/ Les exigences

Place of Issue/Émis à:

SOUTH PORCUPINE, ONTARIO

Issued by/Émis par:

DIRECTOR OF EXPLORATION, NORTHEAST REGION

Date of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):

2016/08/04

Signature of Director/Signature du directeur:

ROBERT CALHOUN

Additional Terms and Conditions:

N/A

Autre termes et conditions:

N/A