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**Ministry of Energy, Mines & Petroleum Resources**
Mining & Minerals Division
BC Geological Survey

**Assessment Report**
**Title Page and Summary**

**TYPE OF REPORT [type of survey(s)]:** Diamond Drilling, Geochemical, Physical **TOTAL COST:** $534,724.92

**AUTHOR(S):** Thomas Branson **SIGNATURE(S):** T Branson

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** 1300188-201501 August 12th, 2015 **YEAR OF WORK:** 2016

**STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):** Event # 5638522 February 21st, 2017

**PROPERTY NAME:** Mt. Milligan

**CLAIM NAME(S) (on which the work was done):** 512888, 595146, 512884

**COMMODITIES SOUGHT:** Copper, Gold, Silver

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:** 093N190, 093N191, 093N194, 093N123, 093N204

**MINING DIVISION:** Omineca **NTS/BCGS:** NTS 93O04, 93N01, 93K16, 93J13

**LATITUDE:** 55 ° 10 ' 55 " **LONGITUDE:** 123 ° 48 ' 50 " **(at centre of work)**

**OWNER(S):**
1) Thompson Creek Metals Company Inc. 2)

**MAILING ADDRESS:**
177 Victoria Street, Suite 100
Prince George, BC V2L 5R8

**OPERATOR(S) [who paid for the work]:**
1) Thompson Creek Metals Company Inc. 2)

**MAILING ADDRESS:**
177 Victoria Street, Suite 100
Prince George, BC V2L 5R8

**PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):**
Middle-Lower Jurassic Quesnel belt
Takla, Nicola and Stuhini groups

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:** 04274,04742,05175,11951,12912,14377,16966
17936,18523,19121,19268,20446,21448,21682,22294,25299,27709,28209,28210,28712,30425,31095,31930,35023,36021

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| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|---|---|---|
| GEOLOGICAL (scale, area) | | | |
| Ground, mapping | | | |
| Photo interpretation | | | |
| GEOPHYSICAL (line-kilometres) | | | |
| Ground | | | |
| Magnetic | | | |
| Electromagnetic | | | |
| Induced Polarization | | | |
| Radiometric | | | |
| Seismic | | | |
| Other | | | |
| Airborne | | | |
| GEOCHEMICAL (number of samples analysed for...) | | | |
| Soil | | | |
| Silt | | | |
| Rock | | | |
| Other | | | |
| DRILLING (total metres; number of holes, size) | | | |
| Core | 1794.66 m, 4 holes, NQ core | 595146, 512884 | $407,357.61 |
| Non-core | | | |
| RELATED TECHNICAL | | | |
| Sampling/assaying | 1150 half core samples | 595146, 512884 | $31,392.31 |
| Petrographic | | | |
| Mineralographic | | | |
| Metallurgic | | | |
| PROSPECTING (scale, area) | | | |
| PREPARATORY / PHYSICAL | | | |
| Line/grid (kilometres) | | | |
| Topographic/Photogrammetric (scale, area) | | | |
| Legal surveys (scale, area) | | | |
| Road, local access (kilometres)/trail | 9.80 km | 512888, 595146, 512884 | $95,975.00 |
| Trench (metres) | | | |
| Underground dev. (metres) | | | |
| Other | | | |
| | | TOTAL COST: | $534,724.92 |

**Thompson Creek Metals Company**

# 2016 DRILLING REPORT ON THE MT. MILLIGAN NORTHWEST CLAIM GROUP

Located in the Nation River Area, Omineca Mining Division
NTS 93O04, 93N01, 93K16 and 93J13
55˚ 10’ 55” N Latitude; 123˚ 48' 50” W Longitude

-prepared for-

**Thompson Creek Metals Company**
**A Division of Centerra Gold Inc.**
1 University Avenue, Suite 1500
Toronto, ON
M5J 2P1

-prepared by-

Thomas Branson

**EQUITY EXPLORATION CONSULTANTS LTD.**
Suite 1510, 250 Howe Street
Vancouver, British Columbia, Canada, V6C 3R8

March 23, 2017

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## 1.0 SUMMARY

In April 2016, Thompson Creek Metals Corporation (Thompson Creek) contracted Equity Exploration Consultants Ltd. (Equity) to conduct an exploration drilling program focused on the Snell and Mitzi geophysical and geochemical Targets in the Mt. Milligan Northwest Claim Group (Northwest Claim Group) of the Mt. Milligan Property (Property). Drilling consisted of four diamond drill holes (DDHs) for a total of 1794.66 m and was completed between August and September 2016.

The aim of the 2016 drill program was to identify porphyry-style Cu-Au mineralization, similar to the existing Mt. Milligan mine, by drill testing coincident magnetic, chargeability and geochemical anomalies referred to as the Mitzi Target and Snell Target. In 2015, drilling at the Mitzi Target intersected encouraging phyllic alteration and slightly elevated copper values (301 ppm over 9.52 m) in the bottom of DDH 15-1024. However, due to limited road access, DDH 15-1024 only tested the margins of the Mitzi geophysical anomaly. At the Snell Target, 2015 drilling results suggest that the multi-element geochemical anomalies and shallow high chargeability anomaly relate to epiclastic argillaceous rocks but a deeper chargeability and magnetic anomaly north of Mitzi creek remains untested (Branson and Voordouw, 2016).

Prior to commencing the 2016 drill program, Thompson Creek completed road improvements along the Mitzi Lake access trail allowing for improved drill rig and crew access to and from the target areas. Two DDHs were completed at the Mitzi Target (16-1025 and 16-1026) totaling 1,064.97 m and two DDHs were completed at the Snell Target (16-1027 and 16-1028) for 729.69 m. No significant porphyry style mineralization was encountered in the program and assay results were disappointing with only localized low grade Cu and Au occurrences. The most significant Cu results are from DDH 16-1025 and include 2855 ppm (0.286%) over 0.60 m and 1746 ppm (0.175%) over 0.86 m. The maximum Au result is 143.6 ppb (0.144 g/t) over 2.50 m from DDH 16-1028.

The intersected geology offers reasonable explanations of the coincident anomalies in both target areas. At the Mitzi Target, a strongly magnetic gabbro unit, intersected in DDH 16-1025, explains the magnetic anomaly beneath Mitzi Lake. The surrounding high chargeability ring is likely caused by a graphitic argillite rock package, intersected in DDH 16-1026, believed to be the eastward dip equivalent of argillite intersected at the Snell Target. The coincident high chargeability, anomalous soil chemistry and high conductivity anomalies at the Snell Target likely result from a near surface graphitic argillite rock package intersected in drill holes from both the 2015 and 2016 drill programs.

Despite the low assay results and geological explanations for anomalies at both the Mitzi and Snell targets, additional work in the Northwest Claim Group is still warranted. A work program here should include expansion of the 2009-2010 soil grid to the north and northeast to include geochemically untested magnetic anomalies and expand the North Grid IP survey to cover the localized magnetic anomalies. No further work is recommended for the Mitzi and Snell Targets at this stage.

## 2.0 INTRODUCTION

This report has been prepared by Equity, on behalf of Thompson Creek, to be used for assessment credit filing and to detail results of the 2016 drill program on the Northwest Claim Group. The program consisted of access trail upgrading and construction for drilling four DDHs for a total of 1794.66 m. Equity managed all aspects of the drill program on behalf of Thompson Creek, except for the access trail upgrading and construction, which was managed by Thompson Creek directly. All new data presented in this report was either collected by Equity personnel or by subcontractors managed by Equity. Preparation for the drill program began in June (access trail upgrading and construction) with drilling conducted between August 23rd and September 18th, 2016. Historical data is taken from internal data supplied by Thompson Creek, NI 43-101 technical reports, government reports and academic papers. Thomas Branson and Mike Leidl were actively involved in the exploration program and have first-hand knowledge of the Property.

## 3.0 RELIANCE ON OTHER EXPERTS

Mineral Titles Online provided claim information for this report with background information drawn from publicly available reports (as listed in Appendix A). No other report, opinion or statement has been relied upon for information concerning legal, environmental or political issues.

## 4.0 PROPERTY DESCRIPTION AND LOCATION

The Property is 100% owned by Thompson Creek (Owner Number 283374), a division of Centerra Gold Inc, and is located within the Omineca Mining Division in north-central British Columbia, approximately 155 km northwest of Prince George, 86 km north of Fort St James and 95 km west of Mackenzie (Figure 1). The claim group consists of 108 mineral claims and 1 mining lease covering a total area of 49,713 ha, the details of which are summarized in Appendix B and shown in Figure 2 (in pocket). The boundaries of these claims are defined by map locations (longitude/latitude or UTM) rather than ground position. Positioned over four National Topographic System (NTS) maps, which include 93O04, 93N01, 93K16 and 93J13, the Property is centred at approximately 123°1'30" west longitude and 55°7'35" north latitude, or 436,000 mE, 6,104,000 mN (NAD 83 Zone 10). The field area for the 2016 drill program is located on NTS map sheet 93N01.

The 2016 drill program occurred on a block of claims located to the northwest of the Mt. Milligan mine site (Figure 2), referred to as the Northwest Claim Group. This is part of a larger land holding that includes the Mt. Milligan alkalic porphyry Cu-Au mine that, as of December 2014, contains Measured and Indicated Mineral Resources of 122.3 Mt at 0.155 % Cu and 0.321 g/t Au for 417 million lbs copper and 1.25 Moz gold. The mine also contains proven and probable mineral reserves of 542.1 Mt at 0.201 % Cu and 0.355 g/t Au for 2.4 billion lbs copper and 6.2 Moz gold (Clifford and Berthelsen, 2015). The three main deposit zones will be mined through multiple phases cumulating in a LOM (Life of Mine) Ultimate Pit. Mining is by conventional truck-shovel operations and ore is processed in a 60,000 t per day copper flotation concentrator. The phased start-up commenced on August 15th, 2013, followed by the first production of copper-gold concentrate in September 2013. The mine achieved commercial production on February 18th, 2014.

In British Columbia, exploration and development work must be registered within one year of the work being completed and must be registered before the expiry date of the claim. Upon registration of the work, the titleholder has 90 days to submit a technical report of work completed. The value of exploration and development work required to maintain a mineral claim is $5 per hectare for anniversary years 1 and 2, $10 per hectare for anniversary years 3 and 4, $15 per hectare for anniversary years 5 and 6 and $20 per hectare for subsequent anniversary years. The single mining lease included within the claim group was issued to Thompson Creek on September 9th, 2009 and has required lease payments of $20 per hectare or $102,760, due annually on the 9th September.

Work during the 2016 drill program was conducted under Mines Act Permit MX-13-182, a multi-year area-based (MYAB) permit allowing for exploration activities on the Property until December 31st, 2017. Equity submitted a Notice of Work for exploration drilling in the Northwest Claim Group on June 12th, 2015, which was approved on August 12th, 2015.


Thompson Creek Metals Company

*A Division of Centerra Gold Inc.*

**Mt Milligan Project**

**Location Map**

EQUITY

| | | |
|---|---|---|
| *Date:* 31/01/2017 | | *Figure* |
| *Proj:* UTM Zone 10 (NAD 83) | | 1 |
| *Prov:* BC | | |

## 5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

The Mt. Milligan Property can be accessed from the south via Fort St James on the Germansen North Road followed by the Rainbow-Milligan Forest Service Road (FSR), or from the east via Mackenzie on the Community Connector FSR and switching to the Rainbow-Milligan FSR. The roads are in good condition and well maintained owing to active logging and mining in the area that utilises both routes. In addition, the Community Connector FSR serves as a haul road for the Mt. Milligan mine site. Both routes are used for daily and weekly crew changes. Access to the 2016 field area required passing through the Mt. Milligan active mining area towards Heidi Lake and then taking the Mitzi Lake access road.

The climate in the area is classified as Interior Plateau that is characterized by short warm summers and longer moderately cold winters. Climate data derived from a monitoring station at Mackenzie airport indicate that temperatures range from an average low of -12.9°C in January to an average high of 22.2°C in July.

Regionally, the Property lies near the northern boundary of the Nechako Plateau and the southern limits of the Swannell Range of the Omineca Mountains of the Canadian Cordilleran Interior System. A chain of peaks aligned in an approximate north-south direction dominates the western part of the Property, which includes the field area for this report and the Mt. Milligan mine site. Mt. Milligan is the highest of these peaks, rising to an elevation of 1,508 m, and is rounded and symmetrical in shape. The Mt. Milligan deposit occurs to the south of Mt. Milligan at an elevation of approximately 1,100 m. The eastern part of the Property is dominated by gentle relief but includes a central region of elevated topography trending northwest and rising to approximately 1,350 m. Several isolated rounded hills also occur in the area rising to a similar elevation. A region of lower topography separates the western and eastern areas of the Property. Several elongated northwest-trending lakes occur in the eastern part of the Property and are interpreted to reflect the regional structural grain.

The Mt. Milligan area was last glaciated 10,000–20,000 years ago with regional ice flow direction to the northeast (Kerr and Sibbick, 1991). This event coated the landscape with a blanket of glacial till and altered pre-glacial drainage patterns. Drumlins, flutings, eskers and melt-water channels of various dimensions are noticeable features of the region. Locally, glacial features show that ice was funnelled through east–west oriented valleys north and south of the Mt. Milligan deposit before flowing northeast (Kerr and Sibbick, 1991). In the field area south of the Nation River, ice flow direction was re-oriented towards the east (Kerr and Sibbick, 1991). The field area is generally well drained with flow towards the Nation River except for glacial depressions that have formed into bogs.

Vegetation in the region consists of pine and spruce with lesser amounts of alder. Beetle-killed timber is present throughout the field area and represents a hazard during fieldwork, especially during strong winds. In addition, numerous recent and active logging cut blocks occur throughout the field area, many of which have been recently replanted.

Labour and services are readily available from Fort St James, Mackenzie, Vanderhoof and Prince George with access provided by the aforementioned forest service roads from the south and east. The Mt. Milligan mine site occurs approximately 4.5 km to the southeast of the field area providing well-serviced camp accommodation, emergency response capabilities and specialized trade expertise. Electrical power is accessed directly from the BC Hydro Kennedy Substation south of Mackenzie or from the main high voltage transmission lines that run from the Kennedy Substation to the Mt. Milligan mine site.

## 6.0 HISTORY

The description of history of the Property, unless otherwise noted, is drawn largely verbatim from the Wardrop "Technical Report – Feasibility Update, Mt. Milligan Property – Northern BC" (Mills et al., 2009).

### 6.1 Timeline

The earliest record of exploration activity in the area is by prospector George Snell, who found gold-bearing float on the western flank of Mt. Milligan in 1937. In 1945, Mr. Snell returned to the area and staked 10 two-post claims west of Mitzi Lake. Five pyritic andesite float samples returned assays ranging from trace to 148.8 g/t Au. The source of the float was not found and no other gold-bearing mineralization was found in place.

The first recorded claims in the Mt. Milligan region were the Mosquito 1–10 two-post claims staked on August 4, 1972 by Pechiney Development Ltd. (Pechiney). Subsequent exploration work identified induced polarization and soil geochemical anomalies. Pechiney drilled five DDHs to evaluate the anomalies, but identified no significant Cu mineralization and allowed the claims to lapse.

No additional major exploration work in the Mt. Milligan area occurred until 1983 when Selco Inc. (Selco) took an interest in the region. Selco staked the PHIL 1 through 12 claims over the ground covered by the original Mosquito claims and completed preliminary surveys. In early 1984, Selco amalgamated with BP Resources.

In April 1984, Richard Haslinger staked the HEIDI claims adjacent to the PHIL claims. BP Resources Canada Ltd. (BP Resources) optioned the HEIDI claims from Richard Haslinger in July 1984. In late 1984 and early 1985, BP Resources staked the PHIL 21 through 29 claims. In 1984 and 1985, BP Resources completed geological, soil geochemical, magnetic, induced polarization surveys, and carried out a modest trenching program. The work identified polymetallic auriferous vein systems and weak Cu-Au porphyry mineralization.

Lincoln Resources Inc. (Lincoln) entered into an agreement with BP Resources on April 21st, 1986, to continue exploration of the claims. The agreement allowed Lincoln to earn a 51% interest in the Property, which was subsequently increased to 69.84% through the operation of dilution provisions. In July 1986, Lincoln entered into a new option agreement with Richard Haslinger on the HEIDI claims. In September 1987, Lincoln undertook a drilling campaign following up on targets identified by BP Resources, which resulted in the first discovery of significant Cu-Au mineralization in the MBX zone.

Drilling in 1988 focused on the porphyry Cu-Au style mineralization intersected in the MBX Zone. On July 31, 1988, Lincoln reorganized to become United Lincoln Resources Inc. (United Lincoln). In September 1988, United Lincoln staked the MILLIGAN, RAINBOW 1 through 4, and SKUD mineral claims, and the Magnetite Breccia (MBX) 1 through 13 placer claims. In August 1988, Continental Gold Corp. (Continental) acquired 64% of the shares of United Lincoln. On March 15, 1989, Continental and United Lincoln amalgamated and concurrently transferred the amalgamated undertaking to their subsidiary, and successor company, DASS No. 39 Holdings Ltd. (DASS). DASS changed its name to Continental Gold Corp. on the same date.

In July 1989, a major drill program was launched that included 87,622 m of drilling in 336 DDHs, which intersected further significant Cu-Au mineralization and essentially outlined all of the currently known deposit zones. In 1990, Continental continued staking and acquiring claims in the region. The company staked the RAINBOW 5 through 9, RAINBOW 3 Fraction, BEE and SEE mineral claims, MBX 14 through 29, and RAIN placer claims. It also acquired the BONANZA, MARTIN, and TRNAVA mineral claims.

Additionally, BP Resources staked 154 contiguous claim units on the western edge of the main Mt. Milligan claims owned by Continental in February, March and October, 1989, later grouped as the SNOWSHOE group and TEA groups in February, 1990 (Barnes, 1991). These claims include part of the work area in this report.

Infill diamond drilling continued from January to September 1990 with 386 holes totalling 82,924 m. In September 1990, Placer Dome Inc. (Placer Dome) purchased BP Resources' share of the PHIL and HEIDI mineral claims. Placer Dome and a wholly-owned subsidiary (PDI Subco) then acquired by takeover bid approximately 98% of the shares of Continental, and in November 1990, Placer Dome resumed exploration drilling. Drilling focused on the SS deposit with additional exploration drilling elsewhere on the Property and a number of geotechnical and metallurgical holes were also completed.

An airborne magnetometer and VLF-EM survey was carried out on the SNOWSHOE and TEA claims in June 1989 by Aerodat Ltd., and was followed by the construction of 3.7 km of access roads and the completion of two ground magnetometer survey grids over anomalous airborne magnetic responses in September, 1989 (Wong, 1990).

In September 1990, a further 3 km of access roads was constructed and a total of 1,427.4 m was drilled in 10 DDHs on geophysical anomalies outlined during the previous field campaign. No economically significant values were returned from drilling (Barnes, 1991)

In January 1991, PDI Subco acquired the balance of the outstanding Continental shares. With these acquisitions, Placer Dome became the primary proponent of the Project and continued the process of seeking regulatory approval. In 1992, Placer Dome concluded that the Project was not sufficiently profitable, and wrote off the carried value of the property. In 1996, Placer Dome re-evaluated the Project using a new geological model that included new domains and hard boundaries. Test pits were excavated to the bedrock surface to obtain additional geotechnical information. Operating and mining costs were updated and revised. Placer Dome completed an economic re-evaluation in 1998. No re-modelling of the geology was undertaken, with the 1996 model for the Main deposit being used, along with the 1991 model for the SS. A variety of alternate mining and processing scenarios were investigated during this study.

In 2003, Mining Solutions completed a project review of available data, particularly Placer Dome's patented hydrometallurgy process. In 2004, Placer Dome initiated a number of programs to further assess the Project. Historical data was assembled and reprocessed into a GIS database. This included all available geological, geochemical, and geophysical data. Geophysical and geochemical data was processed to form a variety of images to enhance interpretation. A drill program consisting of 14 DDHs was initiated to provide fresh core samples for additional metallurgical testing. The holes were planned to twin existing holes that were collared in mineralization to maximize the amount of recovered mineralized core. A 3-D geological model was constructed to provide a more consistent geological model.

In 2005, a regional stream sediment-sampling program was undertaken as a research project to assess the downstream dispersion from Mt. Milligan as expressed by a number of analytical and sampling techniques. A Masters Study was also initiated through UBC/MDRU, investigating the alteration patterns, with the objective of building a 3-D alteration model. At this time, a resource estimate was also completed by Placer Dome (Table 1). In May 2006, Barrick Gold Corporation purchased Placer Dome and sold Placer Dome's Canadian assets to Goldcorp Inc. (Goldcorp), including the Mt. Milligan Property. Goldcorp in turn sold certain assets (including Mt. Milligan) to Atlas Cromwell Ltd. (Atlas Cromwell) and in July 2006, Atlas Cromwell was renamed Terrane Metals Corporation.

Terrane continued exploration and resource definition work on the Mt. Milligan deposit. This included additional drilling for metallurgical test work, drilling to target areas of mineralization that had been less densely drilled by previous operators and drilling designed to gather geological and geotechnical information along the perimeters of the Main deposit. In 2007, a fourth phase of drilling was completed for geotechnical purposes along the margins of the SS deposit and to gather geological information in the mine infrastructure area.

**Table 1: Mt. Milligan resource estimates**

| Year | Category | Tonnes (Mt) | Cu (%) | Au g/t | Contained Cu (million lbs) | Contained Au (million oz) |
|---|---|---|---|---|---|---|
| 2005 | Measured | 90.6 | 0.26 | 0.6 | 520 | 1.78 |
| | Indicated | 115.3 | 0.236 | 0.5 | 600 | 1.91 |
| | **Total** | **205.9** | **0.247** | **0.6** | **1,120** | **3.69** |
| 2009 | Measured | 334.6 | 0.197 | 0.398 | 1,453 | 4.28 |
| | Indicated | 372.1 | 0.169 | 0.269 | 1,386 | 3.22 |
| | **Total** | **706.7** | **0.182** | **0.330** | **2,840** | **7.50** |
| 2014 | Measured | 43.2 | 0.122 | 0.465 | 116 | 0.64 |
| | Indicated | 79.1 | 0.172 | 0.243 | 301 | 0.61 |
| | **Total** | **122.3** | **0.155** | **0.321** | **417** | **1.25** |
| | Proven | 300.1 | 0.206 | 0.424 | 1,366 | 4.10 |
| | Probable | 242.0 | 0.195 | 0.269 | 1,041 | 2.10 |
| | **Total** | **542.1** | **0.201** | **0.355** | **2,407** | **6.20** |

In 2008, Fugro Airborne Surveys Corp flew an airborne magnetics and HeliGEOTEM II electromagnetic survey consisting of 1,458 line-km over 264 km$^2$ of the 400 km$^2$ Mt. Milligan Property. The survey was successful in identifying numerous geophysical anomalies warranting further follow up exploration. In 2009, follow up work from the airborne geophysics included the completion of Induced Polarity (IP) surveys on two grids to investigate 12 of the geophysical anomalies. Two and three dimensional IP surveys (2DIP and 3DIP, respectively) were conducted by SJ Geophysics Ltd correspondingly on the North and South Grids (Hermiston, 2009). The survey results demonstrated that five of the HeliGEOTEM anomalies, including the Mitzi and Snell Targets, have coincident IP chargeability anomalies and display signatures similar to those found at the Main and SS deposits.

In the summer seasons of 2009 and 2010, Terrane completed a regional geochemical stream survey, a soil geochemical orientation survey over the Mt. Milligan deposits, and a soil geochemical survey over the North Grid to supplement the 2DIP survey. The soil geochemical work over the North Grid identified a multi element soil anomaly on Snell Hill, west of Mitzi Lake, with the geochemical signature of a high-level intrusive source (Heberlein, 2010).

A revised NI 43-101 compliant resource was released for the Mt. Milligan deposit in October 2009 that contained measured and indicated mineral resources of 706.7 Mt at 0.18% Cu and 0.33 g/t Au, containing 2.84 billion lbs Cu and 7.5 Moz Au, significantly increasing the resource from the 2005 estimate (Table 1).

During the summer of 2010, Quantec Geoscience Ltd. completed 35.8 line-km of Titan-24 Direct Current resistivity (DC) and Induced Polarization chargeability (IP) surveys and a 21.3 line-km Audio Magnetotelluric resistivity (MT) survey over the deposit area. Results identified 27 geophysical anomalies with potential for porphyry copper mineralization from near surface to >1500 m depth, with nine high priority targets along with seven secondary targets (Martinez Del Pino and Eadie, 2010).

From September to November 2010, nine DDHs were completed for a total of 4,944 m in the South Grid area. Drilling identified narrow intervals of high-grade Cu-Au mineralization associated with biotite-magnetite alteration similar to the Mt. Milligan deposit and wider Au-rich, Cu-poor intersections similar to the 66 Zone. From November 2010 to March 2011, a total of 5,591 m in eight DDHs were drilled to follow-up upon previous holes drilled into the footwall of the WBX and other Stocks (Harris, 2011a, b). This drilling used the results of the TITAN 24 survey and was successful in identifying additional Cu-Au resources.

On October 20$^{th}$, 2010, Thompson Creek acquired all of the issued and outstanding equity of Terrane, which included the Mt. Milligan deposit and large land holding. Thompson Creek continued to develop the deposit as a conventional truck and shovel operation from three main open pits and 60,000 t per day copper flotation concentrator. The phased start-up commenced on August 15$^{th}$, 2013, followed by the first production of copper-gold concentrate in September 2013. The mine achieved commercial production on February 18$^{th}$, 2014.

Between August and October 2014, an exploration program involving geological mapping, rock sampling, petrographic descriptions, soil sampling, Induced Polarization/Resistivity (IP/RES) and ground magnetic geophysical surveys on the eastern claim group of the Property was undertaken by Equity on behalf of Terrane. Two phases of work were completed; phase one consisted of mapping and soil sampling while phase two included IP/RES and ground magnetic surveys following up on phase one observations. This work identified a new prospect (Prospect 26) in the northeast of the Property with strong texturally destructive propylitic alteration, overlapping low, but elevated Cu and Zn soil values and is also ringed by a zone of unexplained high chargeability values (Hughes and Perk, 2014).

In the fall of 2015, Equity carried out a drill program consisting of five holes, including one abandoned hole, for 1786.43 m of drilling in the Mitzi and Snell Target areas. Drilling at the Mitzi Target intersected encouraging phyllic alteration and slightly elevated copper values (301 ppm over 9.52 m) in the bottom of DDH 15-1024, however, due to limited road access, DDH 15-1024 only tested the margins of the geophysical target. At the Snell Target, drilling results suggest that the multi-element geochemical anomalies and high chargeability are related to epiclastic argillaceous rocks (Branson and Voordouw, 2016).

Additional claims were staked in August 2014 (GD1-GD3) and June 2015 (DB1-2), while two claims (ARM and STRONG) were transferred to Thompson Creek in July 2015. Thompson Creek purchased one claim (MILL 9) in May 2016.

On October 20$^{th}$ 2016, Centerra acquired all of the issued and outstanding common shares of Thompson Creek, which included the large Mt. Milligan land holding.

### 6.2 2016 Exploration Program

The 2016 drill program involved additional drilling at the Mitzi and Snell Targets in the northwest corner of the Mt. Milligan claim group, which surrounds the Mt. Milligan mining lease. Upgrading the Mitzi Lake access road and construction of drill trails to the Mitzi and Snell Target areas was completed between late June and early August. Drilling was carried out from August 26th to September 18th, 2016 and all exploration crews were off site by September 20th, 2016. All work was based out of the Mt. Milligan mine site with field crews travelling to and from the field area each day.

The Mitzi and Snell Target areas are situated approximately six kilometres along the Mitzi Lake access road from the staging area at the former Heidi Lake exploration camp. The Mitzi Lake access road was practically impassable using 4x4 pickup trucks prior to being upgraded by Duz Cho Logging Ltd of Mackenzie, BC.

A total of 1,794.66 m of diamond core was drilled in four holes (Table 2), two holes at the Mitzi Target (1,064.97 m) and two holes at the Snell Target (729.69 m). Drilling was completed by LDS Diamond Drilling Ltd from Kamloops, BC with a Longyear Super 38 diamond drill rig. The drill rig was set up using a Reflex TN14 Gyrocompass and down hole surveys were completed using a Reflex Gyroscope tool to record azimuth and dip deviation at 20 ft. intervals over the entire hole. Drill core was transported from the field area to the core logging facility on the Mt Milligan mining lease by 4x4 truck at crew change. Core boxes were labelled with hole number, box number, and meterage at the top and bottom of each box. The core was logged for geology (lithology, alteration, mineralization, veining, structure), core recovery, rock quality descriptor (RQD) and magnetic susceptibility (using KT-10 handheld probe), then photographed prior to being sampled. Complete drill logs are located in Appendix D of this report.

Diamond core was sampled from top to bottom of each hole, with individual samples laid out to respect geological boundaries as much as possible. A wax coated sample tag was placed at the end of each sample and the sample number was written on the core with a red China Marker. Core was cut in half using an electric core saw, parallel to the core axis, with one half of the core retained for future reference and the other half placed in a labelled sample bag for analysis. Quality control and quality assurance samples (QA/QC) were included at a rate of one field duplicate, one preparation duplicate, one certified standard and one blank in every 40 samples. Field duplicates were produced by quartering the primary half core sample again, parallel to core axis, and placing each quarter in individually labelled sequential sample bags. Preparation duplicates were produced by including an empty bag (with sample tag) in the sample sequence and instructing the analytical lab to take a split of the sample after initial crushing and analyze it as a duplicate sample. Standard samples were supplied by CDN Resource Laboratories Ltd of Vancouver, BC and comprised 100 g samples so that reanalyses could be completed if required. Blank material comprised bags of barren landscaping stone sourced from Canadian Tire. All sample bags were sealed with a plastic zip tie and were packed into rice bags, together with the QA/QC samples, and sealed with uniquely numbered non-resealable security tags prior to shipping. The reference half core is currently stored at the core logging facility on the mining lease although it will, at some point, be moved to a more permanent storage area at the Heidi Lake staging area where most of the historical drill core is kept.

A total of 1150 samples were produced from the 2016 drill program, including 115 QA/QC samples (29 certified standard samples, 29 field duplicate pairs, 29 preparation duplicate pairs and 28 blank samples). All samples were shipped to the Bureau Veritas analytical facility in Vancouver, BC, an ISO 9001 registered laboratory, where they were crushed, split and pulverized to produce 250 g pulps with 85% passing 75 µm. Fifty three elements were analysed using method AQ251 (modified aqua regia digestion followed by ICP-MS analysis of 15 g sample) which can detect low concentration of elements within rock samples. Complete certificates of analytical results are included in Appendix E and results of the QA/QC program are presented in Appendix F.

# 7.0 REGIONAL GEOLOGY AND MINERALIZATION

## 7.1 Regional Geology

The Mt. Milligan Property occurs within the Quesnel Terrane, a part of the Intermontane Belt that also includes the Cache Creek and Stikine terranes (Figure 3). The Intermontane Belt is thought to have amalgamated offshore in an oceanic setting prior to being accreted onto North America during the Early Jurassic (Monger et al., 1982). The Quesnel Terrane extends from southern BC northwest towards the Yukon, and is bound by the Cassiar Terrane to the east, inter-fingered with the Slide Mountain Terrane, and bound by the Cache Creek and Stikine terranes to the west.

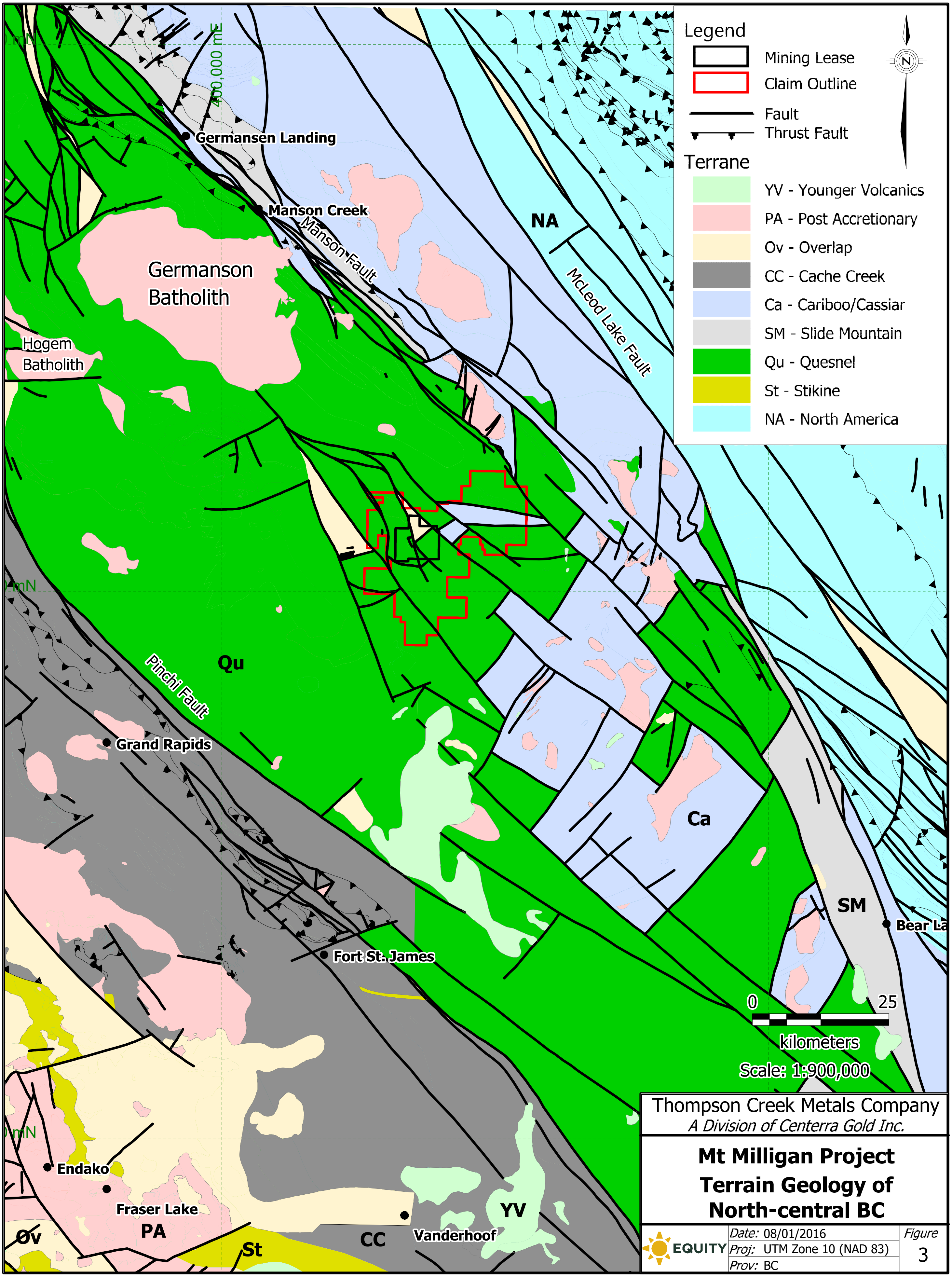
The eastern boundary between the Quesnel and Cassiar terranes is marked by the Manson Fault Zone, a complex zone of east directed thrust faults that have emplaced the Quesnel Terrane above the Cassiar Terrane (Nelson, 1991). The western boundary contact with the Cache Creek Terrane is defined by the Pinchi Fault Zone, which comprises a network of strike slip and localized thrust faults (Nelson, 1991).

The Cassiar Terrane forms an autochthonous group of Upper Proterozoic to Permian sediments that were deposited along the ancient margin of the North American Craton (Colpron et al., 2007). The Wolverine Metamorphic Complex (WMC) forms part of the Cassiar Terrane and occurs in the eastern part of the Mt. Milligan claim group and to the east and southeast of the Property. Towards the southeast, in the area around Carp Lake, it is known as the southern WMC (Nelson, 1991). Regionally, the WMC consists of metamorphosed sedimentary and mafic to intermediate intrusive rocks that are intruded by syn- and post-metamorphic felsic rocks (Staples, 2007). They can be divided into three sub-groups based on their composition, including metapelite, calc-silicate and amphibolite assemblages with biotite to garnet-grade metapelitic schist occurring at the highest stratigraphic level (Staples, 2007).

The Quesnel Terrane is a composite of low-grade metamorphic volcanic, intrusive and sedimentary rocks interpreted to represent an island arc assemblage that was first formed in the Middle and Late Triassic (Mortimer, 1986, 1987). The Takla and Nicola groups form the dominant lithologic units of this terrane. The Nicola Group is the name assigned to the volcano-sedimentary sequence and related intrusions in the south of the province with the Takla Group representing a coeval package of rocks in the north (Monger et al., 1982).

Regionally, the Takla Group comprises Late Triassic to Early Jurassic sedimentary units consisting of volcanic sandstone, tuff, siltstone, argillite, slate and sedimentary breccia, informally named the Inzana Lake Formation, inter-fingered with and overlain by volcanic, pyroclastic and epiclastic rocks of the Witch Lake Formation (Nelson, 1991). Augite-phyric volcaniclastics and coherent basaltic andesite's dominant the Witch Lake Formation, although plagioclase- and hornblende-phyric rocks also occur and may be locally abundant (Nelson, 1991; Nelson and Bellefontaine, 1996). Both formations are intruded by coeval and post-Takla Group intrusions that are as young as Early Jurassic (Nelson, 1991).

Within the Mt. Milligan region, Takla Group volcanic rocks have undergone regional low grade metamorphism that produced prehnite-pumpellyite and, locally, zeolite facies assemblages. These low-grade metamorphic rocks contain secondary chlorite, carbonate, albite, epidote as well as rare pumpellyite and prehnite (Nelson, 1991; Nelson and Bellefontaine, 1996). Clinopyroxene is generally fresh whereas plagioclase ranges from fresh to albitized and sericitized (Nelson and Bellefontaine, 1996). Mapping has shown that a faulted package of rocks within the vicinity of the Property has undergone lower greenschist facies metamorphism as defined by abundant clear to pale green actinolite occurring as small acicular crystals and overgrowths on clinopyroxene (Nelson and Bellefontaine, 1996). Due to the complex structural history of the region, it is thought that these rocks may have laid closer to, and possibly even formed the roof of, the southern WMC where they were affected by elevated regional isotherms (Nelson and Bellefontaine, 1996).


Legend
Mining Lease
Claim Outline
Fault
Thrust Fault
Terrane
YV - Younger Volcanics
PA - Post Accretionary
Ov - Overlap
CC - Cache Creek
Ca - Cariboo/Cassiar
SM - Slide Mountain
Qu - Quesnel
St - Stikine
NA - North America
400,000 mE
Germansen Landing
Manson Creek
Manson Fault
Germanson Batholith
Hogem Batholith
NA
McLeod Lake Fault
Qu
Pinchi Fault
Grand Rapids
Ca
SM
Bear La
Fort St. James
0
25
kilometers
Scale: 1:900,000
Endako
Fraser Lake
Ov
PA
St
CC
Vanderhoof
YV
Thompson Creek Metals Company
A Division of Centerra Gold Inc.
Mt Milligan Project
Terrain Geology of
North-central BC
EQUITY
Date: 08/01/2016
Proj: UTM Zone 10 (NAD 83)
Prov: BC
Figure
3

### 7.2 Regional Mineralization

The Late Triassic volcanic arc responsible for the formation of the Quesnel Terrane also produced a number of intrusions that range in composition from gabbro to granodiorite. These intrusions are associated with several mineralization styles that include porphyry, epithermal and VMS. Of these deposit types, the Late Triassic to Early Jurassic porphyry Cu-Au and porphyry Cu-Mo deposits represent one of the most important groups of ore deposits in British Columbia.

Calc-alkaline porphyry Cu-Mo deposits such as Highland Valley, Brenda and Gibraltar are typically hosted in quartz-diorite to granodiorite intrusions that are approximately 215 to 210 Ma (Mortensen et al., 1995). The alkalic porphyry Cu-Au deposits are younger and thought to have formed during two different temporal events, the first of which includes Mt. Polley and Copper Mountain (210–200 Ma) and the second event includes Mt. Milligan and Lorraine (183–178 Ma) (Mortensen et al., 1995). Host rocks for these deposits include monzonite, monzodiorite and syenite. Regional mapping and prospecting has documented the potential for alkaline porphyry Cu-Au deposits throughout the Takla Group. Unfortunately, exposure of Takla Group rocks is generally poor, especially within the Nechako Plateau area, so that identification of prospective areas relies on less direct criteria such as alteration haloes and/or coincident geophysical and geochemical anomalies. Several such prospects occur in the vicinity of the Mt Milligan Mine and are described below.

The Mt. Milligan alkalic porphyry Cu-Au deposit is located southeast of the 2016 field area. Here mineralization occurs in three main zones: MBX (including the Cu-Au-rich WBX Zone), the 66 Zone (Au-rich) and Southern Star (Cu-Au-rich). Each of these zones is surrounded by well-developed propylitic and potassic alteration halos. Together these mineralized bodies constitute a mineral resource (measured and indicated) of 122.3 Mt at 0.155 % Cu and 0.321 g/t Au and proven and probable mineral reserves of 542.1 Mt at 0.201 % Cu and 0.355 g/t Au (Table 1) (Clifford and Berthelsen, 2015).

The Mitzi Showing is located 4.5 km northwest of the Mt. Milligan deposit and 1 km northeast of Mitzi Lake, and consists of a tetrahedrite- and chalcopyrite-bearing quartz-ankerite breccia vein hosted in augite porphyry of the Witch Lake Formation (Nelson, 1991). The 2009–10 regional soil sampling program completed over several magnetic targets in the North Grid area detected a strong multi-element Au-As-Sb-Cd-Mo-Pb-Zn anomaly on Snell Hill (Heberlein, 2009; 2010) that is here referred to as the “Snell Showing”. Both the Mitzi and Snell showings were targeted in the 2016 drill program.

Another significant showing occurs 15 km south of the Mt Milligan deposit, along a north-flowing tributary of Rainbow Creek, and is referred to as the Rainbow Creek Showing. This showing coincides with a strong base metal anomaly in stream sediments identified during a regional geochemical survey program. One sample within the anomaly contained 21.5 ppm As, 9.4 ppm Sb and 128 ppm Zn (Nelson, 1991). A grey to black fault-zone breccia with quartz and carbonate veining and up to 20% pyrite outcrops on the banks of the tributary. The zone cuts through augite porphyry and tuffaceous black siltstone and mudstone of the Witch Lake Formation. Gossanous zones occur adjacent to the breccia’s and contain up to 3% pyrite. Base and precious metals values in the breccia are generally lacking, however a grab sample of one of the veins returned values of 1.4 g/t Au and 180 ppm As (Nelson, 1991).

## 8.0 PROPERTY GEOLOGY

### 8.1 Mt. Milligan Geology

The Mt. Milligan Property is located within Triassic to Lower Jurassic volcanic and sedimentary rocks of the Takla Group and Hogem Intrusive Suite. On the property, the Takla Group is divided into the lower sedimentary Inzana Lake Formation and upper volcaniclastic Witch Lake Formation.

The Witch Lake Formation hosts the Mt. Milligan deposit and is characterized by augite-phyric volcaniclastics and more coherent basaltic andesite flows with subordinate epiclastic beds (Mills et al., 2009). At Mt. Milligan, the Witch Lake Formation is intruded by coeval and post-Takla Group intrusions. The coeval intrusions include monzonite with minor diorite/monzodiorite and gabbro, with the monzonite intrusions hosting mineralization in the MBX, SS, Goldmark and North Slope stocks. Post-Takla Group intrusions comprise mainly granite (Mills et al., 2009).

The Main and Southern Star deposits are centred on the MBX and SS stocks respectively. The Main deposit is further divided into the DWBX, WBX, MBX and “66” zones, with the MBX Zone comprising the main Au-Cu ore body. Centred on the Rainbow Dyke, the MBX stock is a moderate west dipping monzonite body with mineralization extending from the eastern contact of the MBX stock to the Great Eastern Fault (Mills et al., 2009). The SS stock is moderately west dipping, strikes north-northwest and has more irregular margins than the MBX stock (Mills et al., 2009). The MBX and SS stocks contain up to 30% sub parallel plagioclase phenocrysts in a greyish pink fine-grained groundmass of plagioclase, quartz, hornblende, biotite and accessory magnetite. Hydrothermal breccia, characterized by potassium feldspar veinlet’s and flooding, occurs throughout the SS stock and less commonly along the margins of the MBX stock (Mills et al., 2009).

Monolithic andesitic rocks of the Witch Lake Formation host most of the Mt. Milligan deposit. They are characterized by actinolite-altered augite-porphyritic lapilli tuff and augite crystal lithic tuff with augite-plagioclase porphyritic flows and heterolithic debris flows. Hornblende phenocrysts are locally present within flows and crystal tuffs. Rocks originally described as latitic volcanics surround most of the area of the MBX stock and less commonly in areas adjacent to the SS stock (Mills et al., 2009). The latitic volcanic rocks can be distinguished from andesite rocks by their darker colour, a general absence of visible hornblende, the presence of biotite and, based on staining, greater than one-third potassium feldspar content (Mills et al., 2009).

The abundance of potassium feldspar led past workers to a field classification of augite-porphyritic latite rocks. However, microscopic examination revealed that rocks up to 4 km from the stocks contained secondary potassium feldspar occurring in veinlet’s, clumps along with pyrite and seams cutting plagioclase crystals (Nelson, 1991). The replacement in rocks distal to the deposit suggests that the “latitic” rocks occurring around and within the deposit are more likely potassic altered andesite (Nelson, 1991).

Alteration assemblages at Mt. Milligan are either potassic or propylitic, with propylitic alteration locally overprinting the potassic assemblage (DeLong et al., 1991; Jago and Tosdal, 2009); Gold and copper mineralization is concentrated in zones of potassic alteration (DeLong et al., 1991).

Zones of potassic alteration occur around the contacts of the monzonite stocks and extend several hundred meters into surrounding fractured andesite. Potassic alteration also occurs within the monzonite intrusions themselves. The alteration assemblage includes potassium feldspar, hydrothermal biotite and magnetite, with biotite most abundant close to and along brecciated margins of the (DeLong et al., 1991; Jago and Tosdal, 2009). Biotite forms up to 30% of wall rocks near intrusive contacts, typically showing pervasive replacement of andesite protoliths but also occurring as envelopes to potassium feldspar veinlet’s (DeLong et al., 1991). Chalcopyrite, bornite and secondary magnetite are strongly associated with the potassic alteration assemblage.

The propylitic alteration assemblage is widespread and peripheral to the potassic alteration shell and consists of epidote with variable abundances of calcite, chlorite, albite and pyrite (DeLong et al., 1991; Jago and Tosdal, 2009). Epidote is the most common propylitic mineral and is associated with pyrite blebs and disseminations. It also forms envelopes around pyrite-calcite veinlet’s, replaces pyroxene and forms aggregates in the groundmass (DeLong et al., 1991). Albite and calcite are generally also present in the groundmass whereas pyrite is widespread (DeLong et al., 1991).

The propylitic and potassic alteration zones locally overlap as they are contemporaneous and form part of the same hydrothermal system. Within parts of the MBX deposit, an inner propylitic alteration shell overprints part of the potassic assemblage (Jago and Tosdal, 2009). Propylitic alteration also cross-cuts earlier alteration assemblages along permeable horizons and could have formed as part of a retrograde event during the collapse of the hydrothermal system (DeLong et al., 1991; Jago and Tosdal, 2009).

Noted in Nelson and Bellefontaine (1996), but absent from more recent regional geology maps (Massey et al., 2005; Struick et al., 2007), is a thin strip of Witch Lake Formation rocks, comprised of epiclastic sediments (sandstone, siltstone) with minor amygdaloidal trachyte and dacite flows mapped south of the MBX and Southern Star deposits. This package extends to the northwest, adjacent to the eastern edge of Heidi Lake, and continues north and west of Mitzi Lake, where it is truncated by the regional north-northwest striking Nelson Fault (Figure 4, in pocket).

### 8.2 Property Structure

Intrusions on the property are likely structurally controlled and coeval with the demise of the long-lived subduction zone between Quesnellia and the Cache Creek Terrane when Quesnellia was emplaced eastward onto the westward edge of Ancestral North America (Nelson and Bellefontaine, 1996). Major faults in Quesnellia are dextral transcurrent faults that include the Manson-McLeod Fault system, the Finlay-Ingenika system and the Pinchi Fault (Figure 3). A north-easterly striking second order network of transcurrent and normal faults divides Quesnellia into structural blocks (Nelson and Bellefontaine, 1996).

Ductile fabrics in the intrusive phases present on Mount Milligan record the accretion of Quesnellia. Wall rocks and numerous pendants include strongly foliated amphibolite's and augite gneisses as well as contact hornfelses. The transition from plutonic and high-grade metamorphic core of the complex into low-grade metamorphic Witch Lake rocks occurs variously across both contact metamorphic zones and strain gradients. South of the main Mount Milligan peak, amphibolite's are proximal (~300 m) to texturally unaffected augite porphyritic rocks. The intrusive phases display sporadic schistosity, though felsic apophyses are post-kinematic, suggesting the granites were emplaced during the waning stages of penetrative deformation in the wall rocks, whereas ductile fabrics resulted from crustal shortening accompanied locally by plutonic heating (Nelson and Bellefontaine, 1996).

West of Mount Milligan peak, the Mount Milligan intrusive suite is faulted in contact with slightly metamorphosed Takla Group rocks. Striking parallel to this fault zone are strongly deformed, steep northwest striking foliations in quartz-plagioclase-biotite rhyodacite porphyry dikes. Thin sections indicate dextral strike-slip motion with poorly developed C-S structures. These plastically deformed rocks show later, post-uplift brittle deformation where in contact with foliated green clay gouge. A U-Pb titanite age of 169.3 ± 5 Ma for the dikes suggests this fault was in existence by Middle Jurassic, but underwent subsequent dextral motion (Nelson and Bellefontaine, 1996).

Faulting occurs throughout the Mt. Milligan deposit and the surrounding host rocks. A steep northwest trending east-dipping fault separates the MBX stock from the SS stock (Mills et al., 2009). The regional Great Eastern Fault, a broad zone of milling and brittle shear zones seen only in drill core (Nelson and Bellefontaine, 1996), truncates mineralization to the east and juxtaposes Takla Group volcanic rocks against a wedge of early Tertiary rocks (Mills et al., 2009). East-northeast trending cross faults represent the latest faulting episode of the area. Regionally, several northwest trending faults occur on the Property which include the Limestone Creek Fault and Philip Lakes Fault. Several elongated lakes occur within the field area and are also oriented northwest, thereby following the regional fault pattern. This orientation is interpreted to reflect the underlying structural grain of the region.

Rocks within and surrounding the Mt. Milligan deposit generally trend north-northwest, dipping moderately to steeply to the east (Mills et al., 2009). North of the deposits, strata dips steeply to the west. In the south-eastern portion of the deposit, the stratigraphy trends northerly to north-easterly (Mills et al., 2009). Graded bedding and cross-bedding in tuffaceous rocks indicate that the stratigraphy faces east.

The north-northwest striking regional Nelson Fault cuts through the Northwest Claim Group and the Snell Target Area (Figure 4, in pocket). North of the Nation River, the Nelson Fault cuts through Witch Lake Formation rocks, whereas south of the Nation River, the fault hosts a sliver of the Early to Middle Jurassic Mount Milligan intrusive suite rocks with Witch Lake Formation volcaniclastic rocks bounded to the west. West of Mitzi Lake, the Nelson Fault terminates a package of north-westerly striking Witch Lake Formation epiclastic sedimentary rocks (Nelson and Bellefontaine, 1996).

## 9.0 DIAMOND DRILLING

Four DDHs, totalling 1,794.66 m, were completed on the Property in August-September, 2016 (Table 2). Drilling was intended to test coincident geophysical and geochemical anomalies in the North Grid area at the Mitzi and Snell Targets outlined during previous exploration work in 2008 and 2010 (Figure 5; Heberlein, 2010; Mills et al., 2009). The first two DDHs (16-1025 and 16-1026) tested the magnetic anomaly and surrounding strong chargeability comprising the Mitzi Target. These holes are located to the north of Mitzi Lake and are a more direct test of the geophysical anomalies than the 2015 DDHs. At the Snell Target, two DDHs (16-1027 and 16-1028) were drilled to the north of the 2015 DDHs. These were designed to further explore an untested area of the geophysical and geochemical anomalies comprised of coincident strong chargeability, high conductivity, moderate to high magnetics and anomalous Au-As-Sb-Cd-Mo-Pb-Zn geochemistry.

Complete drill logs are located in Appendix D and certificates of analysis are located in Appendix E. Drill hole locations are shown in Figure 4 (in pocket) and drill hole cross sections can be found in Figures 6 and 7 (in pocket).

**Table 2: 2016 Mt. Milligan drill hole summary**

| Hole | Target area | UTM_E* | UTM_N* | Start Date | Finish Date | Total Depth (m) | Azimuth (°) | Dip (°) |
|---|---|---|---|---|---|---|---|---|
| 16-1025 | Mitzi | 431611 | 6112194 | 26/08/2016 | 01/09/2016 | 553.82 | 90 | -70 |
| 16-1026 | Mitzi | 431076 | 6112198 | 02/09/2016 | 10/09/2016 | 511.15 | 92.2 | -82.8 |
| 16-1027 | Snell | 430052 | 6113007 | 11/09/2016 | 14/09/2016 | 300.84 | 0 | -90 |
| 16-1028 | Snell | 430270 | 6112653 | 14/09/2016 | 18/09/2016 | 428.85 | 270 | -75 |
| | | | | | **Total m** | **1,794.66** | | |

*Zone 10

**Table 3: 2016 Composites of note, 2016 drill program**

| Target Area | Hole | From (m) | To (m) | Drill Width (m) | Cu (%) | Au (ppb) | Ag (ppb) | Mo (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| Mitzi | 16-1025 | 241.50 | 242.10 | 0.60 | 0.286 | 11.9 | 848 | 0.06 | 58.7 |
| Mitzi | 16-1025 | 336.00 | 336.86 | 0.86 | 0.174 | 5.1 | 338 | 0.12 | 46.6 |
| Mitzi | 16-1025 | 361.00 | 388.00 | 27.00 | 0.033 | 2.5 | 78 | 0.11 | 42.3 |
| Mitzi | 16-1025 | 463.00 | 479.00 | 16.00 | 0.032 | 10.9 | 364 | 0.13 | 60.7 |
| Snell | 16-1028 | 289.00 | 291.50 | 2.50 | 0.003 | 143.6 | 104 | 3.23 | 72.4 |

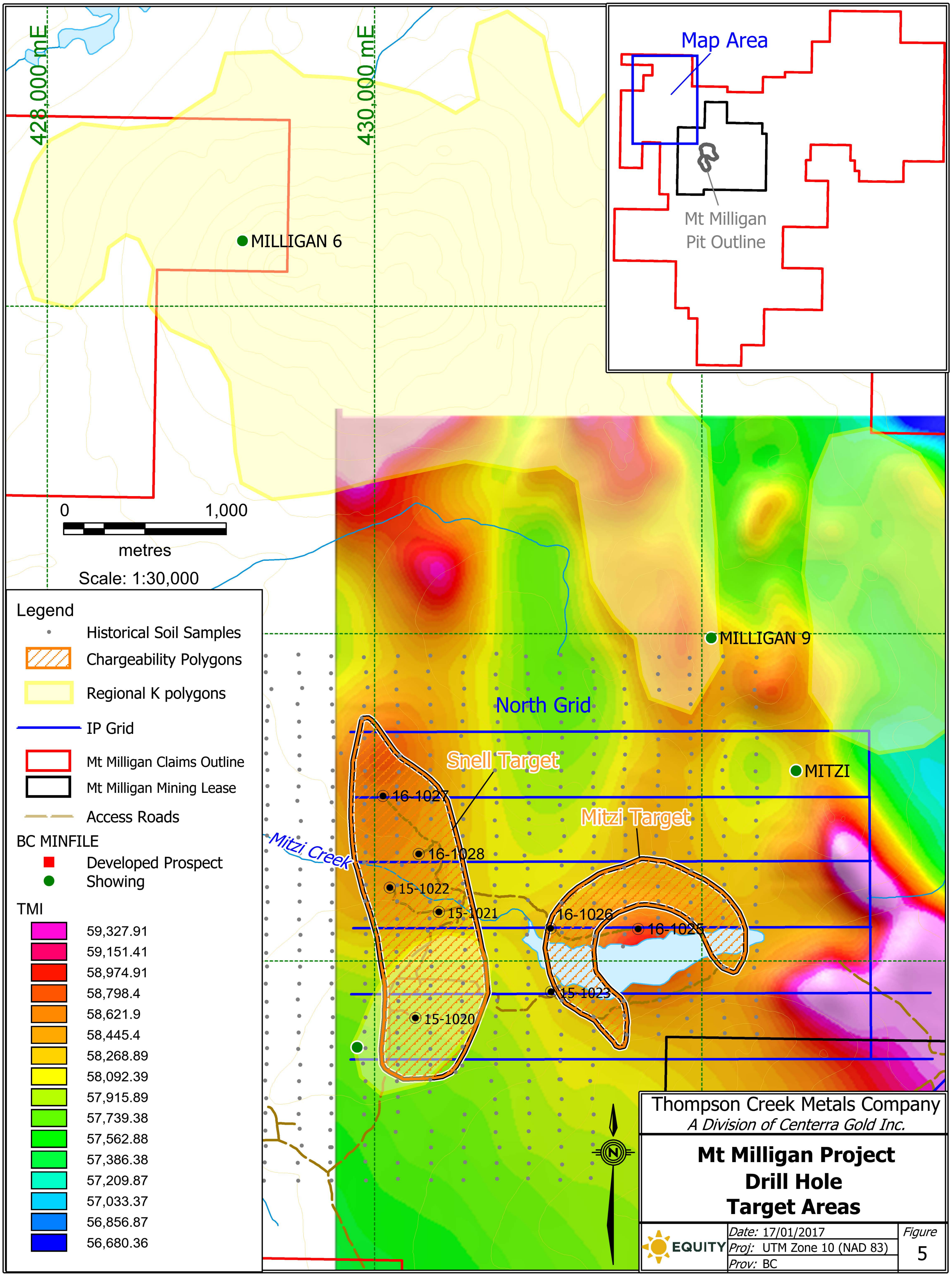
### 9.1 Mitzi Target

Two DDHs, 16-1025 and 16-1026, were drilled in the Mitzi Target area, north of Mitzi Lake and were designed to better test the strong magnetic anomaly centred beneath Mitzi Lake and the surrounding chargeability high now that drill rig access had been improved. Both holes were drilled along IP North Grid line +2200 and had a 550 m separation. The margin of the Mitzi geophysical anomaly was previously tested by DDH 15-1024, which intersected encouraging phyllic alteration towards the end of hole.

#### 16-1025

DDH 16-1025 was designed to test the coincident magnetic and IP chargeability/conductivity high, interpreted as a WBX-like anomaly, to the north of Mitzi Lake.

Bedrock was encountered at 15.24 m where the hole intersects moderately fractured and broken andesite tuff (ANTF) to 20.47 m, comprising medium-grained pyroxene and feldspar phenocrysts, underlain by pyroxene latitic crystal tuff (LPXT). Below the LXPT unit, from 25.30-208.95 m, the hole continues in mostly competent pyroxene phyric andesite porphyry flow (APFW) consisting of locally chlorite altered pyroxene and characteristic ‘snowflake’ plagioclase phenocrysts. The unit is massive and interrupted only by a few short intermediate and mafic dykes. A massive, dark green to black, strongly magnetic medium to coarse-grained gabbro (GABR) dominates below the APFW unit to 549.30 m. The unit exhibits moderate to strong biotite alteration with a pervasive chlorite +/- serpentine overprint. Locally this unit contains very coarse pegmatitic textures characterized by 1-3 cm biotite and less common acicular amphibole crystals. This texture is associated with interstitial to veined feldspar, quartz +/- epidote, but does not appear to have a



428,000 mE
430,000 mE
Map Area
Mt Milligan
Pit Outline
MILLIGAN 6
0
1,000
metres
Scale: 1:30,000
Legend
Historical Soil Samples
Chargeability Polygons
Regional K polygons
IP Grid
Mt Milligan Claims Outline
Mt Milligan Mining Lease
Access Roads
BC MINFILE
Developed Prospect
Showing
TMI
59,327.91
59,151.41
58,974.91
58,798.4
58,621.9
58,445.4
58,268.89
58,092.39
57,915.89
57,739.38
57,562.88
57,386.38
57,209.87
57,033.37
56,856.87
56,680.36
MILLIGAN 9
North Grid
Snell Target
MITZI
Mitzi Target
16-1027
16-1028
Mitzi Creek
15-1022
15-1021
16-1026
16-1025
15-1023
15-1020
N
Thompson Creek Metals Company
A Division of Centerra Gold Inc.
Mt Milligan Project
Drill Hole
Target Areas
EQUITY
Date: 17/01/2017
Proj: UTM Zone 10 (NAD 83)
Prov: BC
Figure
5

spatial relationship to sulphide mineralization. Magnetite is persistent throughout, occurring locally as coarse blebs and bands. At 549.3 m to EOH, alteration decreases significantly and the hole transitions into a finer grained magnetic basalt, masked by localized quartz-calcite veining.

Mineralization is generally weak throughout the hole. Two short occurrences of pyrite stringers, locally 3-5%, occur in the APFW unit between 32.33-32.35 m and 35.66-36.00 m and are associated with and marginal to quartz-calcite veining. Within the GABR unit, pyrite and pyrrhotite mineralization is also typically associated with quartz-calcite veining. The best-developed zone occurs between 275.66-276.66 m, where a 30 cm massive quartz-calcite vein contains coarse blebby pyrite (~7%) and chalcopyrite (~0.5%). A zone of disseminated and blebby pyrite and pyrrhotite, ranging from 1-2% each, and locally up to 7% pyrite occurs from ~350.00-400.00 m associated with weak to moderate epidote and chlorite alteration.

Geochemical results from the hole returned locally anomalous Cu values (up to 0.286% over 0.60 m from 241.50-242.10 m and 0.175% over 0.86 m from 336.00-336.86 m) hosted in GABR (Table 3). Broadly elevated Cu values also occur in the GABR between 323.90-479.00 m, averaging 0.025% over 155.10 m, including 0.033% Cu over 27 m (361.00-388.00 m) and 0.032% Cu over 16.00 m (463.00-479.00 m). Results for other precious and base metals (Au, Ag, Mo, Pb, and Zn) are generally low with highs of 41 ppb (0.041 g/t) Au, 848 ppb (0.848 g/t) Ag, 35.8 ppm Mo, 32.9 ppm Pb and 139.9 ppm Zn.

Generally, DDH 16-1025 intersects two massive and relatively competent bodies of APFW and strongly magnetic GABR, with the later explaining the strong magnetic anomaly. Both units contain localized occurrences of pyrite and pyrrhotite, with only one notable occurrence of chalcopyrite. Sulphide content is weak overall and does not explain the high chargeability anomaly at depth.

**16-1026**

DDH 16-1026 was drilled 550 m to the west of DDH 16-1025 along IP North Grid Line +2200, and was designed to test the ‘WBX style’ IP chargeability anomaly along the northwestern margin of the magnetic high.

Till, comprised of boulders and siliceous sand, was intersected from surface to 100.58 m. Several attempts were required to case the hole over this interval due to sand ingress into the core barrel preventing retrieval of the core tube. Variably sericite-albite altered andesite lapilli tuff (ANLT) occurs to 147.35 m followed by a thick package of interleaved calcareous graphitic argillite (ARGC), short fine-grained felsic dykes (MNDR) and massive plagioclase monzonite porphyry intrusive (MZPD) to 231.00 m. ARGC units are typically competent but the MZPD intrusions are regularly broken. Weakly altered, competent, plagioclase-pyroxene phyric andesite porphyry flow (APFW) occurs to 376.35 m followed by alternating intervals of andesite (ANDS) and MZPD to the EOH, which are commonly sericite-chlorite altered with localized fault related clay zones.

Mineralization is typically weak throughout the hole with the best-developed zones related to lithology or quartz-sericite-chlorite alteration. ARGC units from 147.35-231.00 m contain the highest concentrations of pyrite (0.5-3.5%) +/- pyrrhotite associated with abundant calcite healed fracturing in contrast to the MZPD units, which are only weakly or non-mineralized. A narrow interval of strongly silicified, alkalic-altered breccia (BREX) occurs from 376.35-381.30 m containing 1-3% fine-grained disseminated pyrite with trace amounts of arsenopyrite and chalcopyrite. The lower contact of the BREX is diffuse containing lithic fragments of the surrounding APFW units. Zones of pervasive quartz-sericite-chlorite alteration occur form ~358.00 m and are typically associated with slightly increased (>0.5%) disseminated and fracture controlled pyrite-pyrrhotite. One notable zone occurs from ~454.00-458.00 m containing 3-4% pyrrhotite-pyrite stringers. Below ~458.00 m, alteration notably decreases and only minor fracture controlled pyrite occurs.

The hole returned uniformly low Cu and Au values with highs of 0.033% Cu and 47.2 ppb (0.047 g/t) Au between 491.00-493.00 m. Slightly elevated Ag and Mo (up to 868 ppb Ag and 46.5 ppm Mo) correlates with the ARGC and MZPD package between 149.00-230.00 m. Locally, Mo values of 54.7 and 92.2 ppm occur over narrow intervals hosted within APFW between 347.00-348.10 m and 456.80-458.00 m respectively.

The IP chargeability anomaly appears to relate to the interleaved sequence of pyrite-bearing ARGC intersected towards the top of the hole, similar to the relationship observed in DDHs 15-1020 and 15-1021. Localized breccia’s and quartz-sericite-chlorite alteration zones were encountered, but these were narrow, uncommon and did not return any elevated Cu or Au values.

### 9.2 Snell Target

Two DDHs, 16-1027 and 16-1028, were drilled in the Snell Target area north of the 2015 drill holes on the north side of Mitzi Creek. The holes were designed to further explore an untested area of coincident strong IP chargeability, moderate to high magnetics, high conductivity and anomalous multi-element soil geochemistry that may relate to porphyry style mineralization.

**16-1027**

DDH 16-1027 was collared on IP North Grid Line +3000 and was designed to test the northern extent of the Snell Target area that comprises a coincident chargeability, magnetic and geochemical anomaly.

Bedrock was encountered at 14.32 m with a short interval of andesite crystal tuff (APXT). A thick package of interleaved calcareous graphitic argillite (ARGC), similar to units in DDH 16-1026 but with lesser calcite-rich banding, plagioclase monzonite porphyry (MZPD) and variably textured andesite dykes (ANDS) occurs to 140.05 m. ARGC units dominate this package (55%) followed by MZPD (40%) and ANDS (5%). The remainder of the hole intersects mainly andesite crystal tuff (APXT) and pyroxene phyric andesite porphyry flows (APFW) to EOH at 300.84 m.

Alteration and deformation are most significant throughout the APXT and APFW units. These rocks contain a pervasive sericite-chlorite overprint, altering both the groundmass and pyroxene phenocrysts. Epidote alteration, though uncommon and weak, occurs intermittently throughout the package. Structural highlights include a significant fault zone between 176.00-212.00 m and rock-flour-supported breccia's occurring locally between 254.00-290.00 m. Both fault zones are weakly mineralized with no significant veining or hydrothermal alteration and may represent splays off the Nelson Fault to the west.

Disseminated and fracture filling pyrite is strongest in ARGC units between ~87.00-114.00 m and throughout an APXT unit between 110.15-112.44 m where it ranges from ~3-6%. Locally 4-6% fracture filling pyrite +/- pyrrhotite occurs over 30 cm intervals. MZPD units within this package are only weakly mineralized containing minor disseminated pyrite along fractured faces and patchy sericite alteration. Assay results did not return any significant Cu or Au values, maximums of 0.019% Cu and 17.5 ppb (0.0175 g/t) Au respectively; though Ag was weakly elevated in ARGC units up to 1190 ppb (1.19 g/t).

Again, the IP chargeability anomaly appears to be related to the interleaved sequence of pyrite-bearing ARGC intersected at the top of the hole, whereas the magnetic high, which increases in intensity to the north, is not well explained by the intersected geology.

**16-1028**

DDH 16-1028 was designed to test the central part of the Snell chargeability target along IP North Grid Line +2600, as well as the coincident conductivity high.

Bedrock was encountered at 34.44 m consisting of a broken and faulted trachyte dyke (TRD), overlying a sequence of interleaved calcareous and graphitic argillite (ARGC) and variably textured intermediate to felsic intrusions to 74.00 m. From 74.00-428.85 m, the hole intersects alternating intervals of pyroxene phyric andesite porphyry flow (APFW) and siliceous plagioclase monzonite porphyry (MZPD), terminating in a moderately sericite-chlorite altered APFW unit.

Similar to DDH 16-1027, most units are weakly to moderately sericite-chlorite altered which is interpreted to reflect regional-scale metamorphism. Epidote is weak overall, occurring intermittently as patchy groundmass alteration and within fractures, most commonly in andesitic rocks. The most significant structural deformation occurs within APFW between 111.00-128.00 m, 139.00-147.00 m and 162.00-168.00 m. These fault zones are characterized by extensive intervals of broken core with localized fault gouge and pervasive clay alteration, and may represent splays of the Nelson Fault, which is projected at surface to the west. In addition, localized vein swarms (containing 15-20% veining) with patchy silicification and fracture networks cut the APFW unit between 190.00-217.00 m.

Overall, mineralization is weak with the most significant concentrations of pyrite-pyrrhotite occurring in two ARGC units between ~56.00-58.00 m and ~60.00-74.00 m where the rocks transition to grey calcareous argillite and siliceous fine grained units. Pyrite is fracture controlled ranging from 1-3%, locally up to 6%. Weakly magnetic APFW towards the EOH frequently contains fracture related hematite and localized intervals of 0.3-1% disseminated pyrite-pyrrhotite over 0.5 m intervals.

Assay results did not return any significant values for Cu or Au, with maximum values of 0.032% Cu and 143.6 ppb (0.144 g/t) Au. Although the Au value is relatively low, it is the highest Au result returned from the 2016 drill program and is hosted in monzonite. Values for other precious and base metals were uniformly low.

Unlike DDHs 15-1020, 15-1021, 15-1022 and 16-1027, the strong chargeability targeted at depth is not easily explained by the presence of interleaved ARGC units, which only occur in the top 74.00 m of the hole. Furthermore, local intervals with high sulphide content at depth are not thought to adequately explain the strong chargeability anomaly.

## 10.0 DISCUSSION

Results from the 2016 drill program are similar to the 2015 results with narrow, localized low grade Cu and Au occurrences but lacking the encouraging phyllic alteration and pyrite mineralization encountered at the bottom of DDH 15-1024.

At the Mitzi Target, the strongly magnetic gabbro (GABR) intersected in DDH 16-1025 can explain the magnetic anomaly beneath Mitzi Lake. The location and orientation of this body is poorly constrained as it is only intersected by this drill hole and historical geological mapping suggests that it does not outcrop at surface. The GABR is considerably elevated in Cu (250 ppm average over 155 m, locally up to 421 ppm over 8.05 m) relative to the background values of the other major lithological units encountered in 2015 and 2016 and is almost 100 ppm higher than the andesitic units (Branson and Voordouw, 2016).

The coincident Mitzi chargeability anomaly is likely a result of the interleaved calcareous graphitic argillite (ARGC) encountered in the top half of DDH 16-1026. This is probably the same graphitic package of rocks, dipping moderately to the east, intersected at the top of DDHs 15-1020, 15-1021, 16-1027, 16-1028 that correspond with mapped Witch Lake Formation epiclastic sedimentary rocks that cut across the Snell Target area (Nelson and Bellefontaine, 1996). Interestingly, DDH 15-1024, which collared to the south of DDH 16-1026, also targeted the same chargeability anomaly but failed to intersect any obvious lithological units to explain the feature. Although the Mitzi chargeability anomaly at surface can be explained by the interleaved ARGC units towards the top of DDH 16-1026, the deeper chargeability representing the footwall of the 'WBX style' target is not well explained by either DDH 16-1025 or 16-1026, as neither hole intersected significant sulphide mineralization at depth to explain the anomaly.

In the Snell Target area, the chargeability anomaly on IP North Grid Line +3000 is well explained by interleaved ARGC units intersected at the top of DDH 16-1027. This is almost certainly the same argillite package intersected in DDHs 15-1020 and 15-1021, which explains the continuation of the chargeability anomaly further south. However, the relative lack of ARGC in DDH 16-1028 does not satisfactorily explain the presence of the pronounced chargeability anomaly on IP North Grid Line +2600.

Branson and Voordouw (2016) show that the ARGC units are always enriched in Ag, As, Ca, Cd, Mo, S, Sb, Tl and Zn relative to the intrusive and extrusive rocks in the area. This enrichment likely explains the anomalous soil geochemistry present in the Snell Target area that Heberlein (2009) suggested could result from a higher-level porphyry environment.

The magnetic anomaly situated in the north of the Snell Target area is not adequately explained by the geology intersected in DDH 16-1027. The anomaly appears subdued relative to other local magnetic features which may suggest that it is either naturally weaker or that it results from a deeper magnetic body. Interestingly DDH 16-1027 is the shallowest hole in the 2016 drill program and may not have drilled deep enough to test the anomaly.

Down hole plots of ferric elements (Co, Cr, Ni and V) for each 2016 drill hole are found in Appendix G. From the plots, it is apparent that the monzonite lithologies (MZPD and MNDR) are strongly depleted in these elements relative to the andesitic rocks (ANDS, APFW, APXT and ANLT) they intrude. This depletion can be used as a tool to accurately define and validate the contacts between rock types but could also be used to geochemically domain rocks at Mt. Milligan. It would be interesting to see if the monzonite lithologies intersected in the Northwest Claim Group are chemically part of the same suite as the MBX or SS monzonite stocks at Mt. Milligan or if they are part of the post-mineral dyke suite that cuts the Main and Southern Star deposits (Clifford and Berthelsen, 2015).

## 11.0 CONCLUSIONS AND RECCOMENDATIONS

The 2016 drill program consisted of four diamond drill holes totalling 1,794.66 m of drilling to test coincident IP chargeability, magnetic and geochemical anomalies at the Mitzi and Snell Target areas in the Northwest Claim Group of the Mt. Milligan Property. Improved drill rig access to the Mitzi Target allowed drilling to provide a better test of the strong magnetic anomaly and surrounding chargeability high and follow up on encouraging phyllic alteration intersected towards the end of DDH 15-1024. Snell Target drilling was designed to further explore an untested area of strong chargeability, moderate to high magnetics, and anomalous soil geochemistry.

Results of the program offer reasonable explanations of the coincident anomalies in both target areas. At the Mitzi Target, the strongly magnetic gabbro unit, intersected in DDH 16-1025, likely explains the occurrence of the magnetic anomaly. The coincident high chargeability likely results from a calcareous graphitic argillite rock package, intersected in DDH 16-1026, that is believed to be the eastward dip equivalent of argillite at the Snell Target. At the Snell Target, the 2015 and 2016 drilling has adequately explained the coincident high chargeability, anomalous soil chemistry and high conductivity which results from a near surface graphitic argillite rock package. At this stage, no further work is recommended for the Mitzi or Snell Targets.

Despite the disappointing results and geologically explained anomalies additional work is recommended in the Northwest Claim Group area and should include the following:

- Expand the 2009-10 soil grid north and northeast to include geochemically untested magnetic anomalies at the Milligan 9 (MINFILE 093N 190) and Mitzi (MINFILE 093N 204) showings as well as localized rounded airborne magnetic anomalies.
- Expand the North Grid IP survey northwards over the Milligan 9 showing and localized magnetic anomalies. This area forms part of the southern extent of a regional K anomaly, largely attributed to the Mt. Milligan syenitic to monzonitic intrusion. The fact that the Mt. Milligan deposit also sits on a large K anomaly suggests that this area should not be ruled out.

Respectfully submitted,

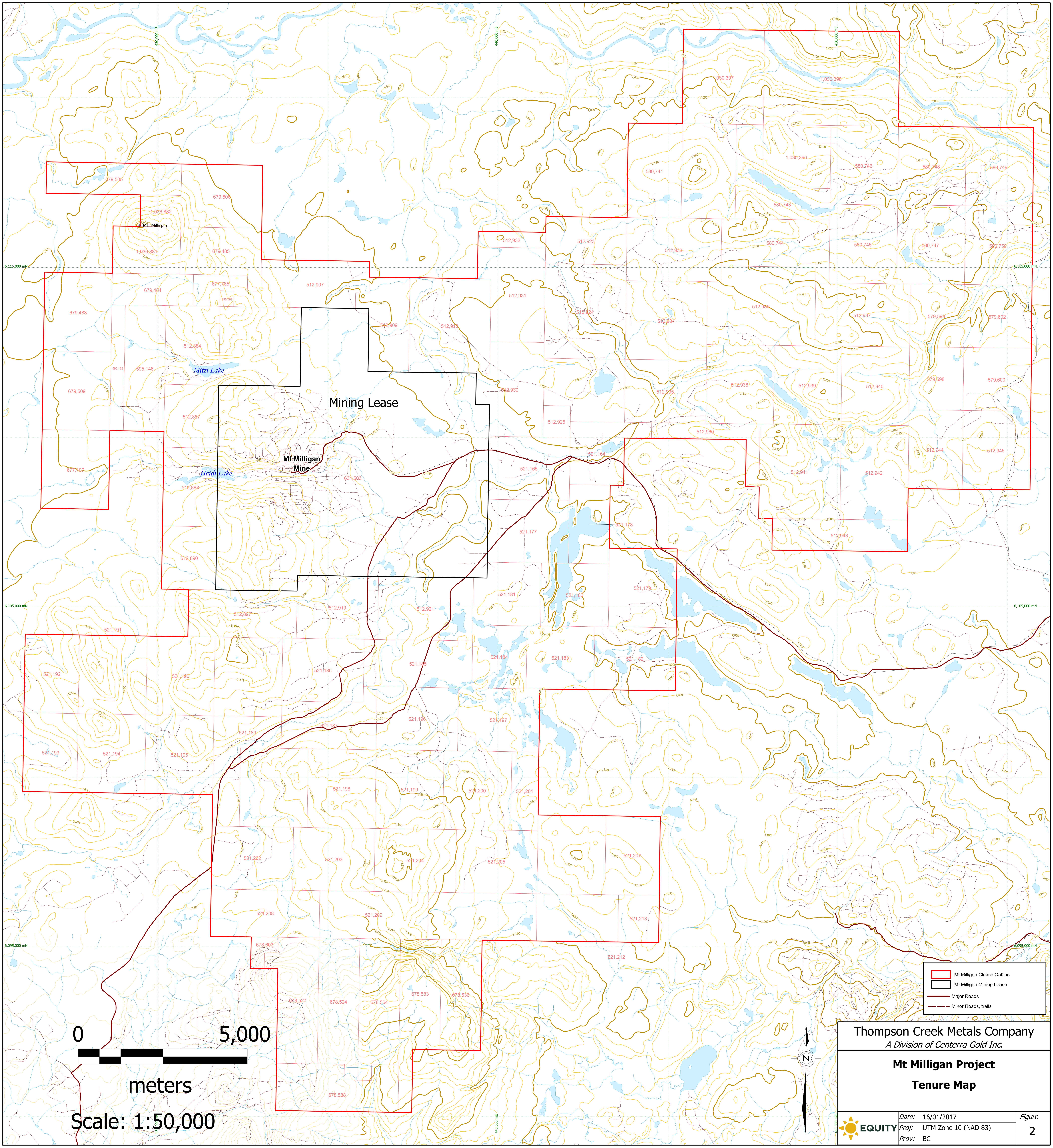
*Signed “Thomas Branson”*

______________________________

Thomas Branson, M.Sc., P.Geo.

Vancouver, British Columbia

March 23, 2017



Mt. Milligan
Mitzi Lake
Mining Lease
Mt Milligan Mine
Heidi Lake
Mt Milligan Claims Outline
Mt Milligan Mining Lease
Major Roads
Minor Roads, trails
0
5,000
meters
Scale: 1:50,000
N
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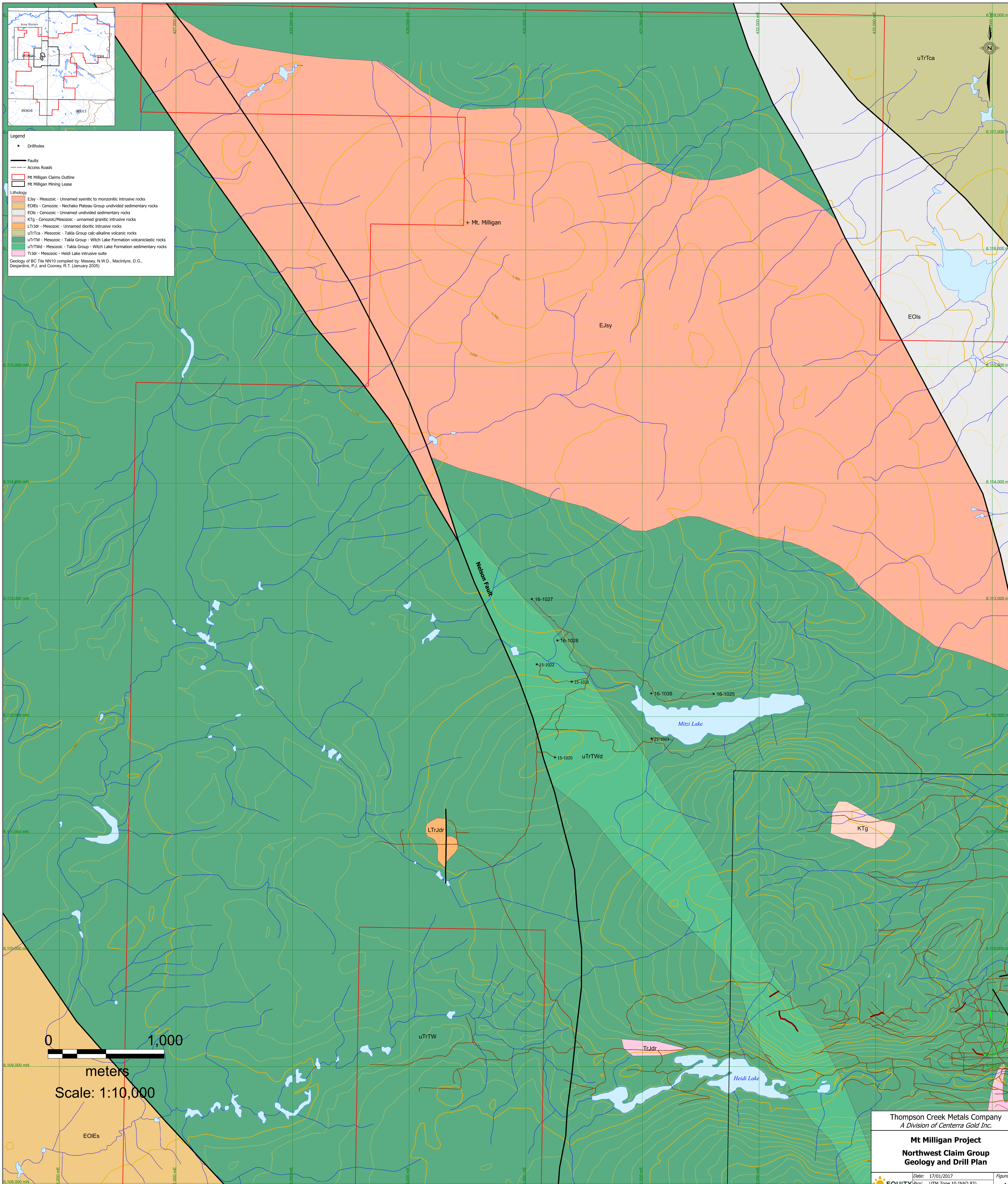
Mt Milligan Project
Tenure Map
EQUITY
Date: 16/01/2017
Proj: UTM Zone 10 (NAD 83)
Prov: BC
Figure
2

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**Mt Milligan Project**

**Northwest Claim Group Geology and Drill Plan**

| | | |
|---|---|---|
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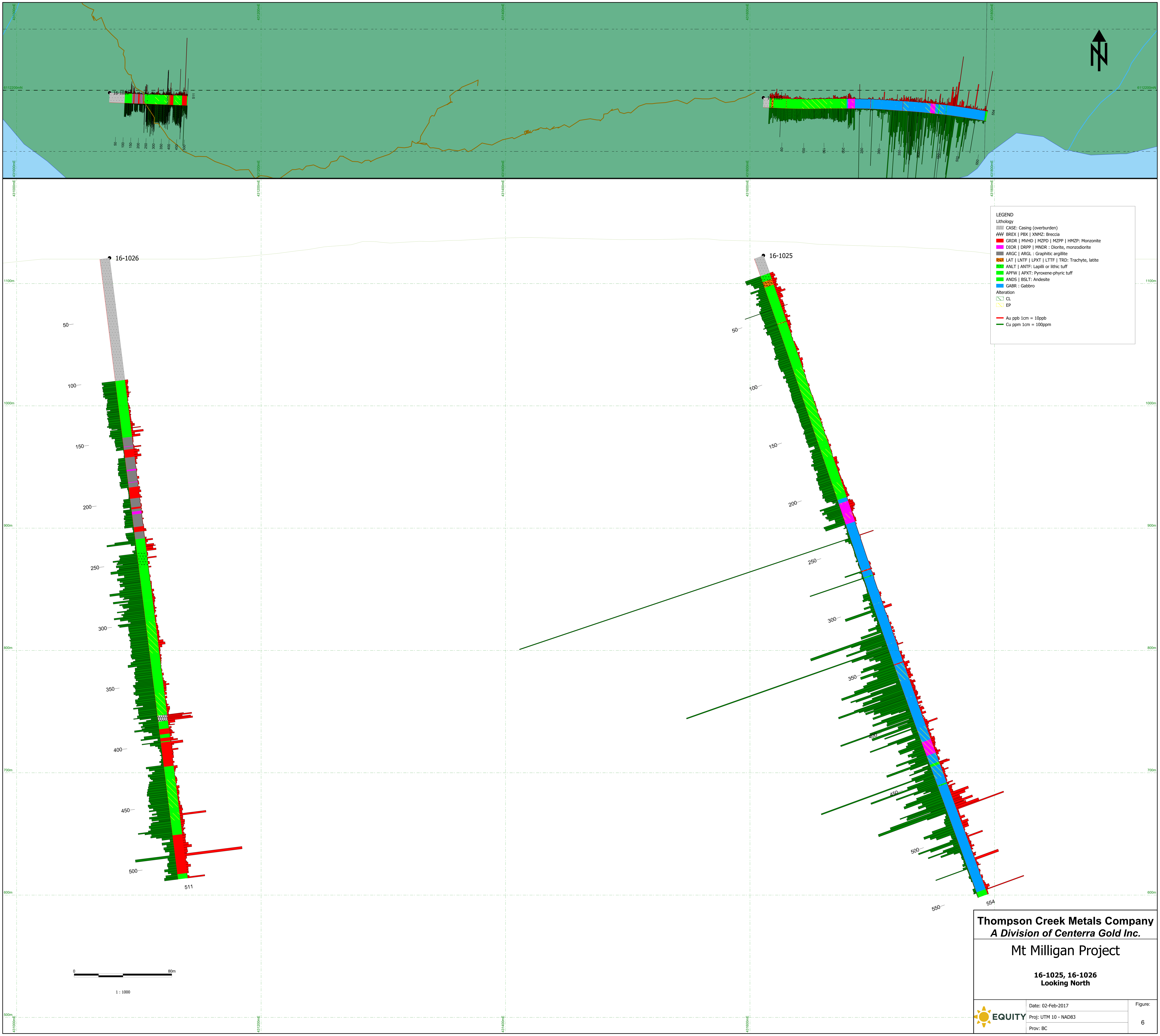
| | *Proj:* UTM Zone 10 (NAD 83) | |
| | *Prov:* BC | |


16-1026
16-1025
LEGEND
Lithology
CASE: Casing (overburden)
BREX | PBX | XNMZ: Breccia
GRDR | MVHD | MZPD | MZPP | HMZP: Monzonite
DIOR | DRPP | MNDR : Diorite, monzodiorite
ARGC | ARGL : Graphitic argillite
LAT | LNTF | LPXT | LTTF | TRD: Trachyte, latite
ANLT | ANTF: Lapilli or lithic tuff
APFW | APXT: Pyroxene-phyric tuff
ANDS | BSLT: Andesite
GABR : Gabbro
Alteration
CL
EP
Au ppb 1cm = 10ppb
Cu ppm 1cm = 100ppm
511
554
0
80m
1 : 1000
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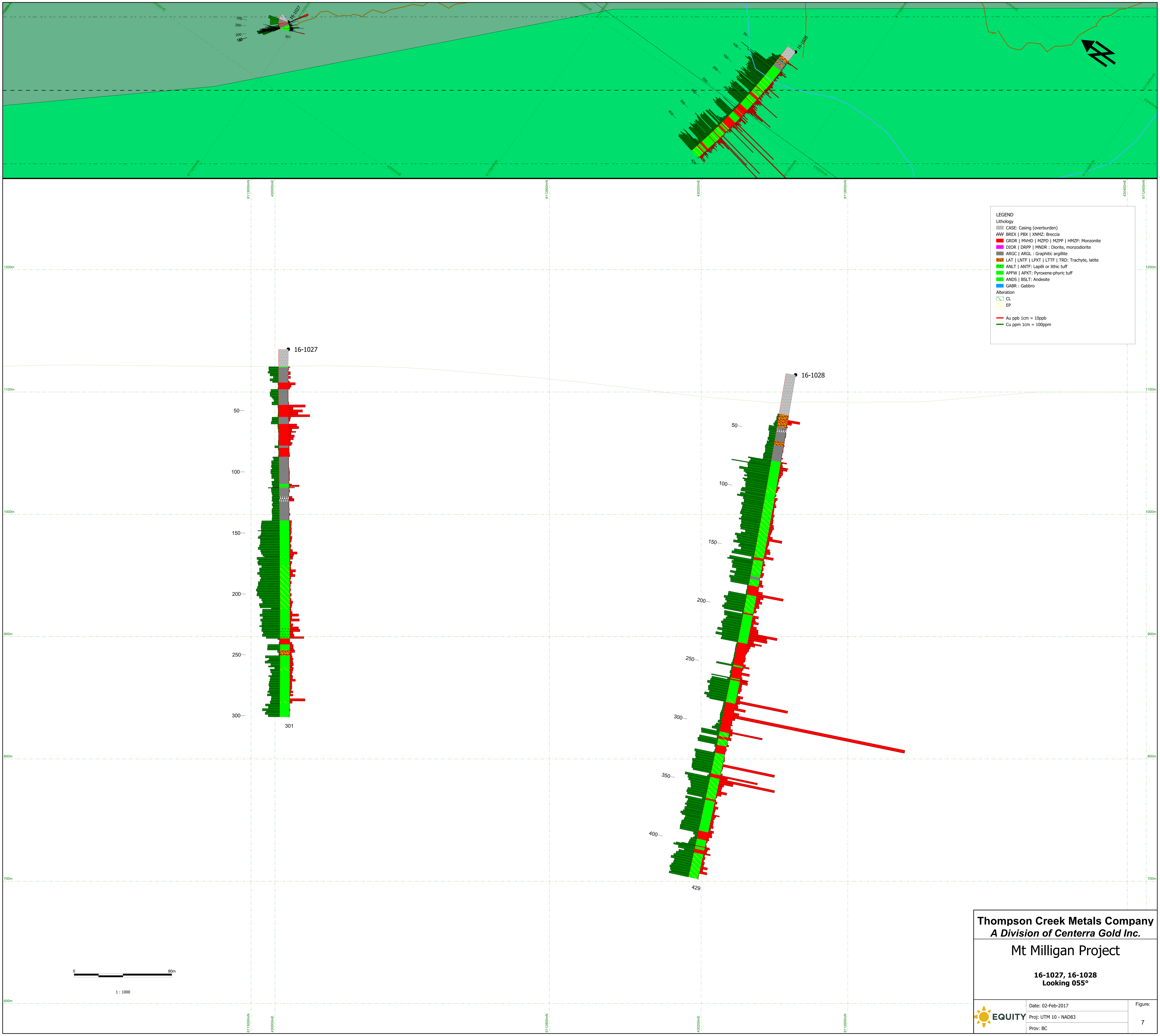
Mt Milligan Project
16-1025, 16-1026
Looking North
EQUITY
Date: 02-Feb-2017
Proj: UTM 10 - NAD83
Prov: BC
Figure:
6

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Mt Milligan Project

**16-1027, 16-1028**
**Looking 055°**

EQUITY

Date: 02-Feb-2017
Proj: UTM 10 - NAD83
Prov: BC

Figure:
7

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**Appendix B: Claim Data**

This appendix contains a list of all claims comprising the Mt. Milligan Property as of December, 2016. Claims are ordered by tenure number.

**Table B-1: Tenure details of the Mt. Milligan Property claims**

| Tenure Number | Claim Name | Owner | Tenure type | Issue Date | Expiry Date | Area (ha) |
|---|---|---|---|---|---|---|
| 512884 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 369.632 |
| 512887 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 295.844 |
| 512888 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 369.979 |
| 512890 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 296.121 |
| 512891 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 554.449 |
| 512897 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 444.34 |
| 512907 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 424.903 |
| 512909 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 351.094 |
| 512913 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 665.236 |
| 512919 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 444.319 |
| 512921 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 518.369 |
| 512923 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 332.428 |
| 512924 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 665.165 |
| 512925 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 73.961 |
| 512927 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 406.695 |
| 512930 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 480.648 |
| 512931 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 480.341 |
| 512932 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2019* | 92.341 |
| 512933 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 517.134 |
| 512934 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 554.332 |
| 512935 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 443.673 |
| 512936 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 720.559 |
| 512937 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 517.346 |
| 512938 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 462.136 |
| 512939 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 462.135 |
| 512940 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 462.134 |
| 512941 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 665.851 |
| 512942 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 554.875 |
| 512943 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 370.069 |
| 512944 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 369.861 |
| 512945 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 462.324 |
| 512960 | | 283374 (100%) | Mineral Claim | 18/05/05 | 14/03/2018* | 203.414 |
| 521164 | MILL 1 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 332.887 |
| 521165 | MILL 2 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 443.905 |
| 521177 | MILL 3 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 444.089 |
| 521178 | MILL 4 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 277.539 |
| 521179 | MILL 5 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 462.756 |
| 521180 | MILL 6 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 370.225 |



EQUITY

| Tenure Number | Claim Name | Owner | Tenure type | Issue Date | Expiry Date | Area (ha) |
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| 521181 | MILL 7 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 351.719 |
| 521182 | MILL 8 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 444.449 |
| 521183 | MILL 9 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 370.374 |
| 521184 | MILL10 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2019* | 296.301 |
| 521185 | MILL 11 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 444.471 |
| 521186 | MILL 12 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 444.496 |
| 521187 | MILL 13 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 407.598 |
| 521189 | MILL 14 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 370.632 |
| 521190 | MILL 15 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.037 |
| 521191 | MILL 16 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.038 |
| 521192 | MILL 17 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 370.431 |
| 521193 | MILL 18 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 370.621 |
| 521194 | MILL 19 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.276 |
| 521195 | MILL 20 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.276 |
| 521196 | MILL 21 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 444.632 |
| 521197 | MILL 22 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 444.635 |
| 521198 | MILL 23 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.375 |
| 521199 | MILL 24 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.374 |
| 521200 | MILL 25 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.377 |
| 521201 | MILL 26 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 185.351 |
| 521202 | MILL 27 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.045 |
| 521203 | MILL 28 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.047 |
| 521204 | MILL 29 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.047 |
| 521205 | MILL 30 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.049 |
| 521206 | MILL 31 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 463.565 |
| 521207 | MILL 32 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 370.852 |
| 521208 | MILL 33 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.206 |
| 521209 | MILL 34 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.207 |
| 521210 | MILL 35 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 445.21 |
| 521212 | MILL 36 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 333.905 |
| 521213 | MILL 37 | 283374 (100%) | Mineral Claim | 14/10/05 | 14/03/2018* | 166.952 |
| 524891 | ARM | 283374 (100%) | Mineral Claim | 01/08/06 | 14/03/2019* | 463.039 |
| 524892 | STRONG | 283374 (100%) | Mineral Claim | 01/08/06 | 14/03/2019* | 463.374 |
| 579598 | | 283374 (100%) | Mineral Claim | 28/03/08 | 14/03/2018* | 295.7519 |
| 579599 | | 283374 (100%) | Mineral Claim | 28/03/08 | 14/03/2018* | 295.6275 |
| 579600 | | 283374 (100%) | Mineral Claim | 28/03/08 | 14/03/2018* | 369.6889 |
| 579602 | | 283374 (100%) | Mineral Claim | 28/03/08 | 14/03/2018* | 369.5332 |
| 580741 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 443.0304 |
| 580742 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 443.0297 |
| 580743 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 406.1485 |
| 580744 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.7058 |
| 580745 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.699 |

| Tenure Number | Claim Name | Owner | Tenure type | Issue Date | Expiry Date | Area (ha) |
|---|---|---|---|---|---|---|
| 580746 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.4626 |
| 580747 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.6993 |
| 580748 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.4618 |
| 580749 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.4602 |
| 580750 | | 283374 (100%) | Mineral Claim | 8/4/2008 | 14/03/2018* | 461.6977 |
| 595146 | | 283374 (100%) | Mineral Claim | 1/12/2008 | 14/03/2019* | 443.6279 |
| 595163 | | 283374 (100%) | Mineral Claim | 1/12/2008 | 14/03/2019* | 147.8759 |
| 677107 | FURB | 283374 (100%) | Mineral Claim | 1/12/2009 | 14/03/2019* | 462.4242 |
| 677785 | | 283374 (100%) | Mineral Claim | 2/12/2009 | 14/03/2019* | 147.8006 |
| 678524 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 464.0154 |
| 678527 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 464.0028 |
| 678536 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 389.7479 |
| 678564 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 464.014 |
| 678583 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 464.0256 |
| 678588 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 464.2712 |
| 678603 | | 283374 (100%) | Mineral Claim | 3/12/2009 | 14/03/2018* | 55.663 |
| 679483 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 461.9455 |
| 679484 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 221.7012 |
| 679485 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 350.9391 |
| 679505 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 369.2328 |
| 679506 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 443.1255 |
| 679509 | | 283374 (100%) | Mineral Claim | 5/12/2009 | 14/03/2019* | 462.1832 |
| 1030396 | GD1 | 283374 (100%) | Mineral Claim | 19/08/14 | 14/03/2018* | 369.1532 |
| 1030397 | GD2 | 283374 (100%) | Mineral Claim | 19/08/14 | 14/03/2018* | 664.135 |
| 1030398 | GD3 | 283374 (100%) | Mineral Claim | 19/08/14 | 14/03/2018* | 1106.8883 |
| 1036881 | DB1 | 283374 (100%) | Mineral Claim | 23/06/15 | 14/03/2019* | 277.0547 |
| 1036882 | DB2 | 283374 (100%) | Mineral Claim | 23/06/15 | 14/03/2019* | 110.7931 |

*Based on the assessment work included in this report and Portable Assessment Credit Withdrawal (Filing event #: 5638522)

**Appendix C: Statement of Expenditures**

**STATEMENT OF EXPENDITURES**
Mt. Milligan Project
April to December, 2016

| | | | | |
|---|---|---|---|---|
| **PROFESSIONAL FEES AND WAGES:** | | | | |
| Thomas Branson, P. Geo. | | | | |
| | 9.88 days @ $700/day | $ 6,916.00 | | |
| William McLean Campbell, Exploration Assistant | | | | |
| | 9.19 days @ $400/day | 3,675.00 | | |
| Mike Leidl, Geologist | | | | |
| | 39.67 days @ $525/day | 20,825.00 | | |
| Lane Hampson, Sampler | | | | |
| | 40.73 days @ $275/day | 11,200.00 | | |
| Scott Parker, GIS / Logistics | | | | |
| | 12.00 hours @ $75/hour | 900.00 | | |
| Michael Pond, P. Geo. | | | | |
| | 14.00 days @ $700/day | 9,800.00 | | |
| Agata Zurek, GIS | | | | |
| | 5.00 hours @ $75/hour | 375.00 | $ 53,691.00 | |
| **EQUIPMENT RENTALS:** | | | | |
| Chainsaw | | | | |
| | 2.00 days @ $30/day | $ 60.00 | | |
| Coresaw (Electric) | | | | |
| | 23.00 days @ $40/day | 920.00 | | |
| Field Computer | | | | |
| | 84.00 days @ $40/day | 3,360.00 | | |
| Micromine Software | | | | |
| | 2.00 hours @ $50/hour | 100.00 | 4,440.00 | |
| **EXPENSES:** | | | | |
| Chemical Analyses | | $ 31,392.31 | | |
| Field Consumables | | 1,713.80 | | |
| Materials and Supplies | | 1,671.73 | | |
| Plot Charges | | 60.31 | | |
| Meals | | 94.70 | | |
| Accommodation | | 26,000.00 | | |
| Taxis and Airporters | | 81.78 | | |
| Truck Rental (Non-Equity) | | 3,865.83 | | |
| Automotive Fuel | | 605.91 | | |
| Automotive Expenses | | 1,134.74 | | |
| Airfare | | 2,690.31 | | |
| Courier | | 53.61 | | |
| Freight | | 7,303.30 | | |
| Bulk Fuels | | 13,389.01 | | |
| Geophysical Equipment Rental | | 700.22 | | |
| Drug Test | | 124.00 | | |
| Road Maintenance | | 95,975.00 | | |
| Satellite Phone Rental (Non-Equity) | | 1,662.64 | | |

| | | |
|---|---|---|
| Radio Rental (Non-Equity) | 1,827.35 | |
| Downhole Survey Tool Rental (Non-Equity) | 16,878.65 | |
| Other Equipment Rental | 1,045.00 | |
| Drilling: Mob/Demob | 1,000.00 | |
| Drilling: Footage | 205,123.00 | |
| Drilling: Materials | 10,571.85 | |
| Drilling: Coreboxes | 5,016.44 | |
| Surveying | 3,031.50 | |
| Report | 5,000.00 | 438,012.99 |
| **SUB-TOTAL:** | | $ 496,143.99 |
| **PROJECT SUPERVISION CHARGES:** | | 38,580.93 |
| **TOTAL:** | | **$ 534,724.92** |

## Appendix D: Drillhole Logs

### MINERALS AND ALTERATION TYPES

| | | | | | |
|---|---|---|---|---|---|
| AC | Actinolite | FP | feldspar | PF | plagioclase |
| AL | alunite | GA | garnet | PH | phlogopite |
| AM | amphibole | GE | goethite | PL | pyrolusite |
| AS | arsenopyrite | GL | galena | PO | pyrrhotite |
| AU | augite | GR | graphite | PY | pyrite |
| AZ | azurite | HB | hornblende | QZ | quartz veining |
| BA | barite | HE | haematite | RE | realgar |
| BI | biotite | HS | specularite | RN | rhodonite |
| BO | bornite | HZ | hydrozincite | SB | stibnite |
| BT | pyrobitumen | IL | illite | SD | siderite |
| CA | calcite | JA | jarosite | SI | silicification |
| CB | Fe-carbonate | KF | potassium feldspar | SK | skarn |
| CC | chalcocite | MC | malachite | SM | smithsonite |
| CD | chalcedony | MG | magnetite | SP | sphalerite |
| CL | chlorite | MI | mica | SR | scorodite |
| CP | chalcopyrite | MN | Mn-oxides | SS | sulphosalts |
| CU | native copper | MO | molybdenite | ST | smectite |
| CV | covellite | MR | mariposite/fuchsite | TP | topaz |
| CY | clay | MS | sericite | TT | tetrahedrite |
| DC | dickite | MT | marcasite | VG | gold |
| DS | diaspore | MU | muscovite | ZE | Zeolite |
| DU | dumortierite | NA | natroalunite | ZN | zunyite |
| EN | enargite | NE | neotocite | | |
| EP | epidote | PA | pyrargyrite | | |

### ALTERATION INTENSITY

| | | | |
|---|---|---|---|
| w | weak | s | strong |
| m | moderate | i | intense |

This appendix contains all of the drill logs from the 2016 drilling program on the Mt. Milligan Northwest Claim Group. Drill logs are placed in hole number order with the first page of each log starting on the page number indicated in Table D-1.

**Table D-1: Table of contents for 2016 diamond drill hole logs in this appendix**



*Total:* 4 Holes 1794.66 m



EQUITY

# GeoSpark Logger ~ Drill Log

**Project:** **Mt Milligan** **Hole Number:** **16-1025**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Prospect: | Mitzi | Hole Type: | DD | Survey Type: | GPS | Logged By: | Mike Leidl |
| Grid: | NAD83_Z10 | Hole Diameter: | | Survey By: | Mike Leidl | Date Logging Start: | 8/27/2016 |
| UTM Easting | 431611 | Core Size: | NQ | Azimuth: | 90 | Date Logging Complete: | 9/3/2016 |
| UTM Northing: | 6112194 | Casing Pulled?: | Yes | Dip: | -70 | Drill Company: | LDS |
| UTM Elev. (m): | 1123 | Casing Depth (m): | 15.24 | Length (m): | 553.82 | Drill Rig: | Rig1 |
| Local Easting: | | Stored?: | Yes | Claims Title | | Drill Started: | 8/26/2016 |
| Local Northing: | | Cemented?: | No | Core Storage Loc.: | TCM Core Shack | Drill Completed: | 9/1/2016 |
| Local Elev. (m): | | | | Hole Completed?: | Completed | Purpose: | |
| | | | | | | Parent Hole: | |

Comments:

DDH 16-1025 was designed to test the coincident magnetic anomaly and IP chargeability high situated at Mitzi Lake.
The hole intersects two massive and relatively competent bodies of pyroxene-phyric andesite porphyry flow (APFW) and strongly magnetic medium to coarse-grained gabbro (GABR), explaining the strong magnetic anomaly. Both units contain localized occurrences of pyrite and pyrrhotite associated with quartz-calcite veining, but sulphide content was weak overall, with only one notable occurrence of chalcopyrite between 275.66-276.66 m. A zone of disseminated and blebby pyrite and pyrrhotite, ranging from 1-2% each, and locally up to 7% pyrite occurs from ~350.00-400.00 m and is associated with weak to moderate epidote and chlorite alteration. After drilling strongly magnetic gabbro for over 300 m the hole was terminated as it had accomplished its objective of testing the magnetic anomaly at depth.

***Downhole Surveys:***

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | -70.26461 | 92.4 | | | TN14 | Mike Leidl | 9/1/2016 | | ☑ | |
| 6.096 | -70.38034 | 92.60495 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 12.192 | -70.61796 | 92.64479 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 18.288 | -70.6487 | 93.0089 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 24.384 | -70.60096 | 92.97511 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 30.48 | -70.6459 | 93.16489 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 36.576 | -70.65451 | 92.79439 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 42.672 | -70.65309 | 92.47969 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 48.768 | -70.66797 | 92.38912 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 54.864 | -70.691 | 92.26232 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 60.96 | -70.72692 | 92.0638 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 67.056 | -70.83506 | 91.51414 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 73.152 | -70.90644 | 91.45918 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 79.248 | -70.85993 | 91.19302 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 85.344 | -70.99278 | 90.81172 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 91.44 | -71.0742 | 90.35613 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 97.536 | -71.12944 | 90.10382 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |

GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1025

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 103.632 | -71.1728 | 89.94415 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 109.728 | -71.21217 | 89.60118 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 115.824 | -71.24012 | 89.38483 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 121.92 | -71.19258 | 89.34784 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 128.016 | -71.21831 | 89.06709 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 134.112 | -71.24728 | 88.97492 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 140.208 | -71.18752 | 88.93774 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 146.304 | -71.13104 | 89.20164 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 152.4 | -71.11608 | 89.37252 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 158.496 | -71.06458 | 89.52423 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 164.592 | -71.05838 | 89.51321 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 170.688 | -71.08381 | 89.6509 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 176.784 | -71.02713 | 89.79703 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 182.88 | -71.06643 | 89.75568 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 188.976 | -71.00515 | 89.80285 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 195.072 | -71.16184 | 89.83764 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 201.168 | -71.24013 | 89.99987 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 207.264 | -71.26046 | 90.17075 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 213.36 | -71.32631 | 90.19597 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 219.456 | -71.34034 | 90.35019 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 225.552 | -71.30091 | 90.60416 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 231.648 | -71.31745 | 90.49253 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 237.744 | -71.39421 | 90.69118 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 243.84 | -71.43162 | 90.92756 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 249.936 | -71.3929 | 90.93119 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 256.032 | -71.46776 | 91.40242 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 262.128 | -71.45647 | 91.85708 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 268.224 | -71.38294 | 92.07406 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 274.32 | -71.27672 | 92.18235 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 280.416 | -71.17637 | 92.34899 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 286.512 | -71.11471 | 92.77806 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 292.608 | -70.98798 | 92.96434 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 298.704 | -70.90842 | 93.50907 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |
| 304.8 | -70.816 | 94.12671 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ☑ | |

GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1025

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 310.896 | -70.78087 | 94.10738 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 316.992 | -70.73467 | 94.251 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 323.088 | -70.61972 | 94.34335 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 329.184 | -70.51946 | 94.21715 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 335.28 | -70.61741 | 93.89058 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 341.376 | -70.56152 | 93.76881 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 347.472 | -70.52529 | 93.58876 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 353.568 | -70.5565 | 93.59551 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 359.664 | -70.47038 | 93.70941 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 365.76 | -70.48429 | 93.71422 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 371.856 | -70.4746 | 94.15439 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 377.952 | -70.44679 | 94.57166 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 384.048 | -70.41854 | 94.72539 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 390.144 | -70.45592 | 95.0019 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 396.24 | -70.28515 | 95.29478 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 402.336 | -70.00218 | 95.46958 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 408.432 | -69.8106 | 95.69708 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 414.528 | -69.6951 | 95.65152 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 420.624 | -69.72854 | 95.94293 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 426.72 | -69.6797 | 96.10843 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 432.816 | -69.74673 | 96.04596 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 438.912 | -69.72767 | 96.19476 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 445.008 | -69.74486 | 96.24378 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 451.104 | -69.70921 | 96.4785 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 457.2 | -69.6763 | 97.04507 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 463.296 | -69.65534 | 97.37394 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 469.392 | -69.64335 | 97.72486 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 475.488 | -69.68292 | 97.92972 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 481.584 | -69.55415 | 98.32115 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 487.68 | -69.6353 | 98.40976 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 493.776 | -69.64584 | 98.54885 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 499.872 | -69.69068 | 98.57424 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 505.968 | -69.77385 | 98.75771 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |
| 512.064 | -69.72048 | 98.72016 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✓ | |

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 518.16 | -69.633 | 98.87671 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✔ | |
| 524.256 | -69.6872 | 99.32163 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✔ | |
| 530.352 | -69.69884 | 99.54332 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✔ | |
| 536.448 | -69.72975 | 99.71918 | | | Reflex Gyr | Mike Leidl | 9/1/2016 | | ✔ | |

From (m) To (m) Rocktype & Description

**0.00 15.24 CASE Casing/Overburden**

**15.24 20.47 ANTF Andesitic tuff FMG**

15.24 - 20.47: Broken to locally competent Andesite tuff. Fine-med grained, pyroxene and feldspar phenocrysts within a fine dark grey to light green matrix. Unit contains sporadic xenoliths of underlying Pyroxene Latitic Crystal Tuff. Xenoliths contain frequent pyroxene phenocrysts 1-8mm, within light green matrix.

<<Min: 15.24 - 32.35 0.01% pyrite>> Weakly diss and occasionally fracture controlled Py, often weakly oxidized.

<<Alt: 15.24 - 18.8 Weak Clay>> Moderately broken interval of bedrock close to overlying overburden with clay altered fractures.

<<Alt: 15.24 - 25.3 Weak Biotite>> Patchy biotite alteration of f.g matrix occurring through multiple rock units. Dull brown when dry with purplish hue when wet.

<<Struc: 15.24 - 20.42 Moderate Fractured>> Broken and rubble core with locally competent intervals. Clay alteration present along fractures, probably influenced by spatial association to overburden.

**20.47 25.30 LPXT Pyroxene Latitic Crystal Tuff grey CG**

20.47 - 25.3: Unit is locally broken and fractured. Porphyritic texture containing 1-8mm pyroxene phenocrysts, un-foliated with rare calcite amygdules, fg grey to greenish-grey matrix. Locally matrix is purple-brown from pervasive Bi alteration.

<<Min: 23.8 - 25.3 0.01% pyrrhotite>> Trace f.g. diss Po.

<<Struc: 22.8 - 22.8 Weak Veining - fracture fill>> Qz-Ca filled fracture/veinlet, 1-2mm.

<<Struc: 23.7 - 23.7 Weak Veining - fracture fill>> Thin Qz-Ca healed fracture/veinlet parallel to fractured core directly adjacent.

**25.30 28.30 ANDS Andesite grey FG**

25.3 - 28.3: Sheared and altered unit with strongly broken intervals and slickensides along fractures. Sharp contacts, possibly marking shear contacts rather than lithological breaks? Unit is fg, light grey and homogenous, short silicified interval at top. Unit is pervasively albitized and sericite altered with fine calcite diss throughout matrix, weak patchy Bi alteration.

<<Alt: 25.3 - 25.6 Moderate Quartz>> Short silicified interval at top of sheared andesite unit. Original rock texture almost entirely replaced.

<<Alt: 25.3 - 28.3 Weak to moderate Sericite>> Fine grained and soft, pervasive locally where Ab-Si are weak.

<<Alt: 25.3 - 28.3 Weak Clay>> Slight clay alteration related to strong shearing and faulting over interval, localized along strongly fractured intervals.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 15.24 | 17.00 | 1.76 | 2570501 | 2.9 | 132.33 | 1.48 | 6.38 | 111.1 |
| 17.00 | 18.70 | 1.70 | 2570502 | 3.7 | 130.13 | 1.54 | 7.77 | 86.8 |
| 18.70 | 20.47 | 1.77 | 2570503 | 2.3 | 94.77 | 0.63 | 3.9 | 53.8 |
| 20.47 | 22.10 | 1.63 | 2570504 | 4.1 | 83.12 | 0.88 | 7.06 | 54.8 |
| 22.10 | 23.70 | 1.60 | 2570506 | 3.1 | 79.97 | 0.72 | 4.39 | 48.3 |
| 23.70 | 25.30 | 1.60 | 2570507 | 2.4 | 43.46 | 0.94 | 4.94 | 46.6 |
| 25.30 | 26.80 | 1.50 | 2570508 | 3.2 | 122.34 | 0.78 | 6.21 | 60.5 |
| 26.80 | 28.30 | 1.50 | 2570509 | 1.8 | 62 | 0.87 | 7.27 | 85.1 |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|

<<Alt: 25.3 - 28.3 Weak to moderate Calcite>> F.g calcite diss throughout the rock, weaker in intervals where Qz/Ab are stronger.

<<Alt: 25.3 - 28.3 Moderate Albitisation >> Strongly sheared and altered andesite, pervasive f.g grey alt'n has overprinted original texture, only rare pyroxene and plag phenos remain.

<<Alt: 27 - 31.2 Weak Chlorite >> Weak chlorite replacement of some pyroxene phenos, soft with slight green colour. Trace overall.

<<Alt: 27 - 31.23 Weak Biotite>> Patchy Bi alteration of f.g matrix

<<Struc: 25.3 - 25.3 Weak contact>> Logged as lithological contact but may also mark a shear zone that is present below. Diss Py present along contact.

<<Struc: 25.3 - 28.3 Moderate fault>> Strongly sheared/faulted interval with broken rubbled core and slickensides present along fracture planes. Rock unit is pervasively altered and original texture has been overprinted.

**28.30 31.23 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 28.30 | 29.80 | 1.50 | 2570511 | 4.7 | 83.34 | 1.05 | 4.5 | 52.3 |
| 29.80 | 31.23 | 1.43 | 2570512 | 4.8 | 70.17 | 0.92 | 4.87 | 52 |

28.3 - 31.23: Mostly competent andesite pyroxene porphyry flow, variably altered with patchy biotite and sericite within matrix. Pyroxene phenos locally chlorite altered.

<<Vein: 31.22 - 31.23 100% Quartz-Carbonate 50 deg. >> Barren Qz-Ca vein, massive and undeformed.

<<Struc: 30.1 - 30.1 Weak Veining - fracture fill>> Ca healed fracture 2mm

<<Struc: 31.22 - 31.23 Weak to moderate Veining - fracture fill>> 1cm Qz-Ca vein, barren. Marking transition into more strongly altered rock.

**31.23 32.66 APFW Pyroxene Andesite Porphyry Flow grey FMG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 31.23 | 32.66 | 1.43 | 2570513 | 7.6 | 91.81 | 1.02 | 5.83 | 59.1 |

31.23 - 32.66: Altered interval of andesite pyroxene porphyry, with Qz-Ca veining +/- Py and fg tan coloured alteration halos (albite?). Porphyritic texture is faint to cryptic throughout overprinted by alteration associated with locally constrained shearing and veining.

<<Min: 32.33 - 32.35 8% pyrite>> 2cm band of strong Py mineralization along upper selvage of Qz-Ca vein.

<<Min: 32.35 - 35.05 0.1% pyrite>> Diss/fracture filling pyrite f.g. and weak.

<<Alt: 31.23 - 32.66 Weak Calcite>> Both veined and finely diss within foliated rock matrix.

<<Alt: 31.23 - 32.66 Moderate Albitisation >> Fine grained light grey albitization

<<Alt: 31.8 - 32 Moderate Clay>> Short faulted interval with clay alteration.

<<Vein: 32.35 - 32.44 Quartz-Carbonate 42 deg. >> Massive undeformed sub-concordant Qz-Ca vein with 1cm band of Py along upper selvage. Only trace diss Py is present within vein.

<<Struc: 32.35 - 32.44 Moderate Veining - fracture fill>> Massive Qz-Ca vein with 1cm Py band along upper margin. Trace diss Py within vein.

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**32.66 56.66 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

32.66 - 56.66: Mostly competent andesite pyroxene porphyry flow with characteristic 'snowflake' plagioclase phenocrysts. Patchy Bi-Se altered matrix and trace diss SXs Py-Po-Cp.

<<Min: 35.66 - 36 2% pyrite>> Py stringers/banding along upper margin of Qz-Ca vein and also diss within rock matrix.

<<Min: 35.66 - 36 0.1% pyrrhotite>> Finely diss Po, weak.

<<Min: 37.18 - 37.22 1% pyrite>> Finely diss within Qz-Ca vein

<<Min: 37.18 - 37.22 0.01% arsenopyrite>> One visible fleck of weakly oxidized As within Qz-Ca vein with diss Py

<<Min: 41 - 41.4 0.5% pyrite>> Finely disseminated

<<Min: 44.11 - 44.45 1.5% pyrite>> Finely diss and along fractures within short f.g. andesitic dyke.

<<Min: 54 - 55 0.1% pyrite>> Minor fracture filling Py associated with Ca stringer zone containing relatively large alteration halos.

<<Alt: 32.66 - 44.11 Weak to moderate Sericite>> Mod patchy to locally pervasive Se alt'n of f.g matrix, intensity increasing with higher strained intervals.

<<Alt: 32.66 - 44.11 Weak to moderate Biotite>> Patchy alteration of f.g matrix, locally moderate strength but relatively weak overall.

<<Alt: 36.73 - 37.2 Weak Albitisation >> Weakly albitized interval showing a slight change in hardness and colouration from surrounding Bi-Se altered rocks. Harder & grey

<<Alt: 44.45 - 50 Weak Sericite>> Patchy weak sericite occurring with patchy to mottled Bi

<<Alt: 44.45 - 50 Weak to moderate Biotite>> Patchy Bi alt'n of rock matrix

<<Alt: 50 - 51.3 Moderate Sericite>> Pervasive Se alt'n moderate, occurring in weakly foliated/fractured andesite porphyry flow.

<<Alt: 51.3 - 54.2 Weak to moderate Sericite>> Locally pervasive and moderate at bottom of interval.

<<Alt: 51.3 - 54.2 Weak to moderate Biotite>>

<<Alt: 54.2 - 56.66 Moderate Biotite>> Pervasive Bi alt'n is mod to strong, cut by frequent Ca +/- Qz stringers and healed fractures associated with comparably large green alteration halos (Se-Cl?)

<<Vein: 34.9 - 34.9 Quartz 22 deg. >> Fibrous quartz crystals forming cockade texture visible within vein. 3-4mm vein cuts foliation at a low angle to core axis.

<<Vein: 35.76 - 35.76 20% Calcite 50 deg. >> Qz-Ca vein 1-2cm deformed and contorted with Py bands/stringers along selvages and adjacent, but rarely within.

<<Vein: 37.18 - 37.22 100% Quartz>> Qz-Ca vein 2cm with diss Py and trace As, minor host rock lithics contained within

<<Vein: 47 - 51.2 Calcite>> Discordant calcite stringer zone +/- Qz. Multiple phases of thin hairline veinlet's/healed fractures crosscut at variable angles.

<<Struc: 36.1 - 37.35 Weak Fractured>> Weak to locally moderate fractured interval

<<Struc: 37.35 - 41.76 Weak Fractured>> Parallel hairline fractures at low angle to core axis commonly calcite healed.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 32.66 | 34.00 | 1.34 | 2570514 | 3.1 | 64.8 | 1.03 | 4.16 | 48.8 |
| 34.00 | 35.47 | 1.47 | 2570515 | 3.9 | 82.1 | 1 | 4.46 | 55.8 |
| 35.47 | 37.22 | 1.75 | 2570516 | 4.1 | 109.16 | 0.98 | 6.6 | 67.8 |
| 37.22 | 38.90 | 1.68 | 2570517 | 1.5 | 91.7 | 1.12 | 3.1 | 54.2 |
| 38.90 | 40.60 | 1.70 | 2570518 | 2.6 | 79.52 | 1.02 | 8.22 | 94.8 |
| 40.60 | 42.30 | 1.70 | 2570519 | 2.7 | 89.73 | 0.93 | 3.06 | 55.3 |
| 42.30 | 44.11 | 1.81 | 2570520 | 2.8 | 105.7 | 1.15 | 3.15 | 61.5 |
| 44.11 | 44.45 | 0.34 | 2570521 | 5.3 | 235.72 | 1.09 | 4.49 | 36.2 |
| 44.45 | 46.45 | 2.00 | 2570522 | 2.2 | 103.44 | 0.62 | 3.55 | 61.8 |
| 46.45 | 48.00 | 1.55 | 2570523 | 1.8 | 101.86 | 0.65 | 2.95 | 51 |
| 48.00 | 50.00 | 2.00 | 2570524 | 2.4 | 104.27 | 0.73 | 4.11 | 51.3 |
| 50.00 | 51.30 | 1.30 | 2570526 | 0.9 | 99.08 | 0.52 | 4.11 | 51.1 |
| 51.30 | 53.00 | 1.70 | 2570527 | 2.4 | 97.1 | 0.77 | 3.11 | 48.5 |
| 53.00 | 54.20 | 1.20 | 2570528 | 4.2 | 94.82 | 0.85 | 3.19 | 48.3 |
| 54.20 | 56.66 | 2.46 | 2570529 | 1.5 | 104.44 | 0.58 | 2.76 | 53 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**56.66 57.33 TRD Trachyte Post-Mineral Dyke green-brown FG**

56.66 - 57.33: Fine grained intermediate to mafic trachyte dyke, similar Bi-Se alteration as surrounding volcanics. Unit has sharp contacts, is hornblende phyric, lacking visible plagioclase crystals.

<<Alt: 56.66 - 71 Weak to moderate Sericite>> Patchy alt'n within f.g matrix and less commonly as alt'n halos around discordant Ca stringers and fractures.

<<Alt: 56.66 - 71 Weak to moderate Biotite>> Fine grained pervasive to patchy alt'n

<<Struc: 56.66 - 56.66 Weak contact>> Hanging wall contact of trachyte dyke

<<Struc: 57.1 - 57.1 Weak Fractured>> Ca healed fracture within trachyte dyke

**57.33 160.90 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

57.33 - 160.9: Massive andesite pyroxene flow similar to massive unit above. Porphyritic textures occur intermittently throughout, unit is dominantly tuffaceous with lath shaped feldspar and pyroxene phenos. Homogenous unit with slight variations in texture and grain size with rare coarse volcaniclastic/breccia intervals.

<<Min: 60.4 - 60.75 0.3% pyrite>> Coarse diss Po with Py, contained within Se altered pyroxene porphyritic interval.

<<Min: 60.4 - 60.75 0.3% pyrrhotite>> Coarse diss Po with Py, contained within Se altered pyroxene porphyritic interval.

<<Min: 60.75 - 92.4 0.01% pyrite>> Very weakly mineralized, rare diss Py. One occurrence of minor Cpy at 90.6m.

<<Alt: 71 - 72.3 Weak to moderate Sericite>> Pervasive, homogenous Se alt'n of rock matrix

<<Alt: 71 - 72.3 Weak Biotite>> Weak to trace patchy biotite, interval is dominated by Se alt'n

<<Alt: 72.3 - 72.77 Weak to moderate Chlorite >> Chlorite altered fracture planes with visible polished to waxy slickensides through faulted interval.

<<Alt: 72.3 - 72.77 Weak to moderate Clay>> Clay alteration strongest at core of interval and decreases outwards.

<<Alt: 72.77 - 92.4 Weak Biotite>> Weak patchy biotite selectively altering the f.g matrix of the more tuffaceous intervals of the andesite flow.

<<Alt: 72.77 - 92.4 Weak to moderate Sericite>> Relatively uniform Se alt'n over large interval of competent andesite pyroxene flow.

<<Alt: 84.1 - 85.4 Weak to moderate Chlorite >> Locally moderate over short intervals, Cl alt'n most prominent along fracture planes and at start of interval.

<<Alt: 92.4 - 93 Weak to moderate Albitisation >> Locally moderate albitization at the top of a large fault zone within foliated to sheared andesite. F.g. grey alteration/replacement.

<<Alt: 92.4 - 97 Weak to moderate Chlorite >> Chlorite altered fracture planes, highlighted by waxy to polished slickensides.

<<Alt: 92.4 - 97 Moderate Clay>> Faulting related clay alteration locally strong within middle of interval.

<<Alt: 96.61 - 159.1 Weak to moderate Epidote-Chlorite>> Patchy green epidote alteration occurring intermittently as stringers and more commonly large blotches.

<<Alt: 97 - 125.6 Weak Sericite>> Weak patchy sericite altering rock matrix.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 56.66 | 57.33 | 0.67 | 2570530 | 2.8 | 120.28 | 1.69 | 3.42 | 37.1 |
| 57.33 | 60.00 | 2.67 | 2570531 | 2.6 | 96.43 | 0.7 | 2.73 | 47.1 |
| 60.00 | 61.00 | 1.00 | 2570532 | 2.8 | 109.78 | 1.21 | 3.24 | 40.5 |
| 61.00 | 63.00 | 2.00 | 2570533 | 1.7 | 106.52 | 0.53 | 2.85 | 37 |
| 63.00 | 65.00 | 2.00 | 2570534 | 1 | 86.95 | 0.62 | 3.93 | 44.9 |
| 65.00 | 67.00 | 2.00 | 2570535 | 1.4 | 86.4 | 0.77 | 3.36 | 40.6 |
| 67.00 | 69.00 | 2.00 | 2570536 | 0.4 | 87.32 | 0.84 | 3.46 | 44 |
| 69.00 | 71.00 | 2.00 | 2570537 | -0.2 | 93.98 | 0.97 | 2.27 | 39.7 |
| 71.00 | 72.30 | 1.30 | 2570538 | 0.3 | 92.11 | 0.85 | 2.32 | 28.4 |
| 72.30 | 74.50 | 2.20 | 2570539 | -0.2 | 82.19 | 0.56 | 3.92 | 44.3 |
| 74.50 | 77.00 | 2.50 | 2570541 | 0.9 | 92.81 | 0.55 | 2.72 | 41.1 |
| 77.00 | 79.00 | 2.00 | 2570542 | 1.2 | 94.31 | 0.62 | 3.14 | 37.7 |
| 79.00 | 81.00 | 2.00 | 2570543 | 1.5 | 93.03 | 0.49 | 2.72 | 39.3 |
| 81.00 | 82.50 | 1.50 | 2570544 | 2 | 102.04 | 0.71 | 3.96 | 42.8 |
| 82.50 | 84.10 | 1.60 | 2570546 | -0.2 | 114.67 | 0.87 | 2.8 | 44.4 |
| 84.10 | 85.40 | 1.30 | 2570547 | 1.7 | 84.87 | 1.2 | 4.71 | 40.3 |
| 85.40 | 87.40 | 2.00 | 2570548 | 0.9 | 94.99 | 0.9 | 3.13 | 43.9 |

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# GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1025

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | <<Alt: 97 - 125.6 Weak to moderate Biotite>> Patchy alteration of f.g matrix | 87.40 | 89.00 | 1.60 | 2570549 | 0.6 | 100.26 | 0.56 | 2.9 | 42.1 |
| | | <<Alt: 125.6 - 126.1 Moderate Sericite>> Pervasive sericite altered interval overprinting the matrix and plag phenos. | 89.00 | 91.00 | 2.00 | 2570551 | 2.4 | 100.42 | 0.52 | 2.36 | 41.8 |
| | | <<Alt: 126.1 - 127.2 Weak to moderate Sericite>> | 91.00 | 92.40 | 1.40 | 2570552 | 1.3 | 99.46 | 0.52 | 2.88 | 47.9 |
| | | <<Alt: 126.8 - 127.1 moderate to strong Clay>> Pervasive clay alteration, rock is soft and friable. | 92.40 | 95.00 | 2.60 | 2570553 | 1.3 | 97.4 | 0.45 | 3.05 | 55.2 |
| | | <<Alt: 127.1 - 144.25 Weak Biotite>> | 95.00 | 97.00 | 2.00 | 2570554 | 0.8 | 79.98 | 0.52 | 3.86 | 64.9 |
| | | <<Alt: 127.1 - 144.25 Weak Sericite>> Weak, patchy | 97.00 | 99.00 | 2.00 | 2570555 | -0.2 | 77.12 | 0.48 | 2.77 | 54 |
| | | <<Alt: 129.3 - 138.9 Weak Haematite >> Weak to trace patchy hematite staining of feldspar phenos. | 99.00 | 101.00 | 2.00 | 2570556 | 0.9 | 97.1 | 0.74 | 1.71 | 48.4 |
| | | <<Alt: 138.9 - 145 Weak Haematite >> Weak to trace hematite altered fracture planes | 101.00 | 103.00 | 2.00 | 2570557 | -0.2 | 78.21 | 0.42 | 1.75 | 55.6 |
| | | <<Alt: 144.25 - 144.7 Weak to moderate Sericite>> Pervasive greenish sericite alt'n associated with moderate hematite altered fractures. | 103.00 | 105.00 | 2.00 | 2570558 | 0.3 | 85.95 | 0.58 | 1.51 | 53.1 |
| | | <<Alt: 144.7 - 156.3 Weak Sericite>> Weak alt'n overprint, patchy and locally weak to mod over restricted intervals. | 105.00 | 107.00 | 2.00 | 2570559 | -0.2 | 76.05 | 0.73 | 1.67 | 52.2 |
| | | <<Alt: 144.7 - 159.2 Weak Biotite>> Weak to trace patchy Bi overprint of f.g. matrix | 107.00 | 109.00 | 2.00 | 2570560 | -0.2 | 80.37 | 0.89 | 1.3 | 51.6 |
| | | <<Alt: 159.2 - 165.1 Weak to moderate Biotite>> Pervasive Bi overprint, spatially associated to f.g mafic dyke. | 109.00 | 111.00 | 2.00 | 2570561 | -0.2 | 75.3 | 0.73 | 1.3 | 52.3 |
| | | <<Vein: 84.48 - 88 1% Calcite 12 deg. >> Discordant stockwork of Ca stringer and fractures, often contorted and at low angle to core axis. Weak overall. | 111.00 | 113.00 | 2.00 | 2570562 | 0.7 | 81.68 | 0.36 | 2.5 | 68.8 |
| | | <<Vein: 91.7 - 92.7 1% Calcite 70 deg. >> Calcite stringer zone near upper margin of significant fault zone. Stringers often thin 1-2mm with one 1.5cm vein occurring directly below FLT zone contact. | 113.00 | 115.00 | 2.00 | 2570563 | -0.2 | 77.41 | 0.45 | 1.66 | 51.1 |
| | | <<Vein: 151 - 156.3 1% Calcite 4 deg. >> Calcite-Quartz stringer zone, commonly axial planar. Quartz crystal growth perpendicular to veining. | 115.00 | 117.00 | 2.00 | 2570564 | -0.2 | 82.4 | 1.42 | 2.14 | 53.3 |
| | | <<Struc: 60.85 - 60.85 Weak Fractured>> Ca-Qz healed fracture/veinlet | 117.00 | 119.00 | 2.00 | 2570566 | -0.2 | 84.57 | 1.05 | 1.57 | 57.4 |
| | | <<Struc: 72.3 - 72.77 Moderate fault>> Moderately faulted/sheared interval with a ~10cm core of clay altered fault gouge. | 119.00 | 121.00 | 2.00 | 2570567 | -0.2 | 85.97 | 0.56 | 1.2 | 48.1 |
| | | <<Struc: 77.5 - 79.3 Weak Fractured>> Weakly fractured but consistently at 55 degrees to core axis and fractures have a strong parallel relationship. | 121.00 | 123.00 | 2.00 | 2570568 | 0.4 | 83.33 | 3.38 | 1.33 | 51.6 |
| | | <<Struc: 84.1 - 84.28 Weak fault>> Short fault with localized chlorite alteration and minor consolidated gouge. | 123.00 | 125.00 | 2.00 | 2570569 | 0.4 | 80.74 | 1.44 | 1.44 | 43.6 |
| | | <<Struc: 92.4 - 97 moderate to strong fault>> Moderate to strongly faulted interval with significant intervals of FLT gouge and rubble broken core throughout. | 125.00 | 126.10 | 1.10 | 2570570 | -0.2 | 85.8 | 0.9 | 1.99 | 55.5 |
| | | <<Struc: 109.06 - 109.06 Weak Fractured>> Thin Ca healed fracture at 25 degrees to core axis. | 126.10 | 127.10 | 1.00 | 2570571 | 0.7 | 81.84 | 0.99 | 2.74 | 63.8 |
| | | <<Struc: 124.5 - 124.5 Weak Fractured>> Thin Ca-Qz filled fracture at 35 degrees to core axis. Vuggy texture | 127.10 | 129.30 | 2.20 | 2570572 | 0.6 | 79.81 | 0.72 | 1.57 | 49.8 |
| | | <<Struc: 125.6 - 125.6 Weak Fractured>> Planar fracture with slickensides at 30 degrees to core axis. | 129.30 | 131.00 | 1.70 | 2570573 | 0.5 | 81.74 | 0.82 | 1.4 | 54.1 |
| | | <<Struc: 126.81 - 127.1 Moderate fault>> Small faulted interval strongly clay altered and friable rock at 30 degrees to core axis consistent with fracturing up unit. | 131.00 | 133.00 | 2.00 | 2570574 | 0.2 | 75.88 | 0.68 | 2 | 43.7 |
| | | <<Struc: 135.1 - 135.4 Weak Fractured>> Stockwork of extensional fractures, 10 degrees to axial planar and highly irregular/angular, brittle. Minor Ca and Qz filled fractures/voids | 133.00 | 135.00 | 2.00 | 2570575 | 0.6 | 78.37 | 0.38 | 1.14 | 45.8 |
| | | | 135.00 | 137.00 | 2.00 | 2570576 | -0.2 | 79.16 | 0.72 | 2.32 | 45.1 |
| | | | 137.00 | 138.90 | 1.90 | 2570577 | 0.4 | 82.75 | 0.54 | 3.2 | 47.5 |
| | | | 138.90 | 140.90 | 2.00 | 2570578 | 0.5 | 79.48 | 0.5 | 1.16 | 53.5 |

From (m) | To (m) | Rocktype & Description

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 140.90 | 142.90 | 2.00 | 2570579 | 0.9 | 82.13 | 0.54 | 1.88 | 51 |
| 142.90 | 143.90 | 1.00 | 2570581 | -0.2 | 79.35 | 0.4 | 1.15 | 55.5 |
| 143.90 | 145.00 | 1.10 | 2570582 | 0.9 | 77.09 | 0.75 | 1.5 | 64.8 |
| 145.00 | 147.00 | 2.00 | 2570583 | 0.4 | 71.87 | 0.37 | 1.48 | 47.7 |
| 147.00 | 148.44 | 1.44 | 2570584 | -0.2 | 80.64 | 0.33 | 1.13 | 51.4 |
| 148.44 | 149.14 | 0.70 | 2570586 | 0.5 | 90.32 | 1.62 | 1.99 | 54.9 |
| 149.14 | 151.14 | 2.00 | 2570587 | 0.3 | 79.36 | 0.39 | 1.6 | 50.5 |
| 151.14 | 152.20 | 1.06 | 2570588 | 0.8 | 80.74 | 0.41 | 1.51 | 51.3 |
| 152.20 | 153.30 | 1.10 | 2570589 | -0.2 | 84.16 | 0.33 | 1.41 | 46 |
| 153.30 | 155.30 | 2.00 | 2570591 | -0.2 | 81.27 | 0.31 | 1.76 | 54.5 |
| 155.30 | 156.30 | 1.00 | 2570592 | 0.4 | 88.72 | 0.93 | 2.35 | 53.3 |
| 156.30 | 158.30 | 2.00 | 2570593 | 0.5 | 83.1 | 0.64 | 1.59 | 55.3 |
| 158.30 | 159.20 | 0.90 | 2570594 | 0.5 | 80.37 | 1.27 | 2 | 56.3 |
| 159.20 | 160.90 | 1.70 | 2570595 | 0.8 | 82.69 | 1.2 | 1.71 | 53.5 |
| 160.90 | 163.45 | 2.55 | 2570596 | 0.4 | 38.69 | 2.89 | 1.71 | 36.2 |

**160.90 163.45 ANDS Andesite grey-green FG**

160.9 - 163.45: Fine grained intermediate to mafic dyke. Sharp contacts and surrounding wall rock. Unit dispalys a gradational decrease in grain size closer to the intrusion. Intrusion is competent with minor CA stringers +/- Py+Ep. Py is diss and veined but weak <1%. Unit is weakly porphyritic with small sparse 1mm pyroxene phenos ~5%.

<<Min: 160.9 - 163.45 0.75% pyrite>> Diss and fracture filling/veined Py within fine grained intermediate to mafic dyke. Mineralization is very fine but visible along freshly broken faces.

**163.45 208.95 APFW Pyroxene Andesite Porphyry Flow grey-green MG**

163.45 - 208.95: Mostly competent andesite pyroxene porphyry flow with coarse grained pyroxene phenos locally Cl altered and frequent tuffaceous intervals with lath shaped plagioclase rare 'snowflake' phenos. Variably altered with patchy Bi-Se in matrix and blotchy Ep. Pyroxene phenos locally chlorite altered.

<<Min: 174.6 - 176.24 1.5% pyrite>> Coarse diss/fracture controlled pyrite, often replacing altered phenos.

<<Min: 174.6 - 176.24 0.75% pyrrhotite>> Mainly disseminated one occurrence where Po forms envelope around Py.

<<Min: 184.2 - 184.6 0.3% pyrite>> Minor pyrite mineralization within discordant Ca-He stringer.

<<Alt: 165.1 - 173.6 Weak Sericite>>

<<Alt: 165.1 - 173.6 Weak Biotite>> Weak patchy to mottled Bi overprint.

<<Alt: 165.1 - 204.1 Weak Chlorite >> Weak to trace alt'n/ selective replacement of pyroxene phenos.

<<Alt: 166.1 - 172.8 Weak to moderate Epidote-Chlorite>> Ep occurs as blotches up to 8cm but more commonly as mottled replacement of individual minerals with fuzzy boundaries.

<<Alt: 173.6 - 180.6 Weak to moderate Biotite>> Weak to locally moderate pervasive overprint.

<<Alt: 175.87 - 176.2 Weak Albitisation >> Localized band of Ab alteration within zone of diss Po-Py ~1%

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 163.45 | 165.10 | 1.65 | 2570597 | 1.5 | 84.86 | 0.82 | 2.06 | 68.3 |
| 165.10 | 166.20 | 1.10 | 2570598 | 0.5 | 69.96 | 0.61 | 1.68 | 51.1 |
| 166.20 | 168.20 | 2.00 | 2570599 | 0.3 | 78.43 | 1.35 | 1.4 | 62.3 |
| 168.20 | 170.20 | 2.00 | 2570600 | 0.6 | 88.34 | 0.68 | 1.79 | 56.8 |
| 170.20 | 172.20 | 2.00 | 2570601 | 0.3 | 81.96 | 3.82 | 1.71 | 44.3 |
| 172.20 | 173.60 | 1.40 | 2570602 | -0.2 | 89.94 | 3.42 | 1.63 | 54.1 |
| 173.60 | 174.60 | 1.00 | 2570603 | -0.2 | 85.18 | 0.58 | 1.69 | 55.2 |
| 174.60 | 176.24 | 1.64 | 2570604 | 2.8 | 111.12 | 1.11 | 2.02 | 28.8 |
| 176.24 | 178.24 | 2.00 | 2570606 | 2.4 | 97.48 | 0.8 | 2.5 | 57.6 |
| 178.24 | 179.24 | 1.00 | 2570607 | 2.1 | 100.86 | 0.61 | 2.24 | 51.7 |

EQUITY EXPLORATION CONSULTANTS LTD.

# GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1025

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | <<Alt: 180.6 - 182.55 Moderate Calcite>> Well foliated interval with frequent calcite veining highly variable 1mm stringers to 3cm massive veins ~15%. |
| | | <<Alt: 180.6 - 182.55 Weak to moderate Clay>> Soft grey alt'n along fractures and occurring interstitially where locally brecciated. |
| | | <<Alt: 182.55 - 185.8 Weak Sericite>> Weak pervasive overprint. |
| | | <<Alt: 184 - 184.6 Weak Haematite >> Trace He running parallel down the center of Ca veining with diss Py along vein margins ~0.1%. |
| | | <<Alt: 185.9 - 186.5 Weak to moderate Clay>> Late alteration resulting from deformation of inherently weak fractured interval. |
| | | <<Alt: 185.9 - 186.5 Moderate Calcite>> Vein breccia, Qz and Ca stockwork with boudinaged wall rock clasts. |
| | | <<Alt: 187.9 - 188.7 Weak Clay>> |
| | | <<Alt: 187.9 - 188.7 Weak Biotite>> |
| | | <<Alt: 188.7 - 204.1 Weak Biotite>> |
| | | <<Alt: 188.7 - 204.1 Weak Sericite>> |
| | | <<Alt: 195 - 204.1 Weak Epidote-Chlorite>> Weak patchy Ep with minor hematite stained plagioclase phenos +/- calcite |
| | | <<Alt: 195 - 208.95 Weak Haematite >> Weak He along fractures and in top of unit replacing plag +/- Ca phenos |
| | | <<Alt: 204.1 - 205.4 Moderate Clay>> Moderately fractured andesite with fracture controlled to pervasive clay alteration. |
| | | <<Alt: 204.1 - 205.4 Weak to moderate Sericite>> Pervasive sericite overprint, f.g. |
| | | <<Alt: 205.4 - 208.7 Weak Clay>> Weak to trace clay altered fractures. |
| | | <<Alt: 205.4 - 208.7 Weak to moderate Sericite>> |
| | | <<Alt: 208.7 - 208.95 Moderate Quartz>> |
| | | <<Alt: 208.7 - 208.95 Moderate Calcite>> Strongly fractured/veined at footwall of andesite flow. Ca-Qz healed breccia |
| | | <<Vein: 180.6 - 182.55 15% Calcite 26 deg. >> Ca vein and stringer zone within a well foliated to sheared interval. Variable vein thickness, average ~1.25cm. Veining occurs at consistent angle to core axis sub concordant to tensional shearing. |
| | | <<Vein: 185.8 - 186.3 30% Calcite>> Strongly deformed vein breccia with boudinaged clasts of andesitic wall rock. Weak stringers and clay alt'n extend below to 186.5m. |
| | | <<Vein: 208.7 - 208.95 20% Calcite>> Strongly fracture Ca-Qz healed breccia. Highly irregular angle to core axis. Interval lies directly above lithology and alteration break which is at 60 degrees to core axis. |
| | | <<Struc: 163.45 - 163.45 Weak contact>> Sharp hanging wall contact of Int. dyke with minor hairline fractures propagating into underlying wall rock. |
| | | <<Struc: 180.6 - 182.55 Weak to moderate Sheared>> Well foliated interval with frequent Ca veining and clay alteration, locally brecciated but overall core is competent weakly friable. |
| | | <<Struc: 204.1 - 205.4 Weak to moderate Fractured>> Moderately fractured interval, clay and sericite altered. Angle to core axis 45 degrees. |
| | | <<Struc: 208.7 - 208.95 Moderate breccia>> Ca-Qz healed breccia |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 179.24 | 180.60 | 1.36 | 2570608 | 2.9 | 98.23 | 0.86 | 2.71 | 53.9 |
| 180.60 | 182.55 | 1.95 | 2570609 | 1 | 76.94 | 0.55 | 2.45 | 77 |
| 182.55 | 184.00 | 1.45 | 2570610 | 1.2 | 93.94 | 0.59 | 1.64 | 72.9 |
| 184.00 | 185.80 | 1.80 | 2570611 | 1.7 | 93.07 | 0.63 | 2.13 | 75.1 |
| 185.80 | 186.50 | 0.70 | 2570612 | 1.7 | 95.4 | 0.39 | 2.09 | 64 |
| 186.50 | 187.90 | 1.40 | 2570613 | 0.7 | 108.75 | 0.51 | 1.19 | 56.7 |
| 187.90 | 188.70 | 0.80 | 2570614 | 0.6 | 111.37 | 0.55 | 1.13 | 73.9 |
| 188.70 | 190.70 | 2.00 | 2570615 | 0.7 | 103.69 | 0.69 | 1.38 | 66.5 |
| 190.70 | 192.70 | 2.00 | 2570616 | 0.8 | 107.19 | 2.15 | 1.69 | 55.8 |
| 192.70 | 194.00 | 1.30 | 2570617 | 0.9 | 102.41 | 1.06 | 1.51 | 59.3 |
| 194.00 | 195.10 | 1.10 | 2570618 | 1.4 | 109.88 | 0.94 | 2.58 | 55.9 |
| 195.10 | 197.10 | 2.00 | 2570619 | 1.4 | 111.33 | 0.8 | 1.87 | 49.7 |
| 197.10 | 199.10 | 2.00 | 2570621 | 1.2 | 97.45 | 0.87 | 1.73 | 51.1 |
| 199.10 | 201.10 | 2.00 | 2570622 | 1.5 | 97.77 | 0.69 | 2.17 | 52.3 |
| 201.10 | 203.10 | 2.00 | 2570623 | 2.2 | 105.8 | 0.68 | 2.26 | 51.4 |
| 203.10 | 204.10 | 1.00 | 2570624 | 1.6 | 110.25 | 1.47 | 1.63 | 56.7 |
| 204.10 | 205.40 | 1.30 | 2570626 | 1.9 | 94.82 | 0.73 | 2.26 | 63.4 |
| 205.40 | 206.90 | 1.50 | 2570627 | 1.9 | 98.4 | 0.76 | 2.23 | 77.7 |
| 206.90 | 208.50 | 1.60 | 2570628 | 2.5 | 91.45 | 0.69 | 2.99 | 79.9 |
| 208.50 | 208.95 | 0.45 | 2570629 | 1 | 54.22 | 0.79 | 2.35 | 46.6 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**208.95 212.20 GABR Gabbro green FMG**

208.95 - 212.2: Strongly magnetic, biotite-chlorite-magnetite altered mafic unit. Hanging wall contact is strongly foliated (mylonitic) with banded Bi-He-Mg with coarse calcite and lesser feldspar fragments. 1m of unit is strongly chloritized and/or serpentinized, very soft and green. Original texture, mineralogy, and protolith obscured by strong pervasive alteration and replacement.

<<Min: 208.95 - 210.6 3% magnetite>> Strongly magnetic interval, strong Bi alteration obscures magnetite.

<<Min: 211.2 - 212.3 2% magnetite>> Magnetic interval magnetite decreases down unit.

<<Alt: 208.95 - 209.6 Weak to moderate Haematite >> Thin hematite banding in strongly foliated interval near top of unit.

<<Alt: 208.95 - 210.6 moderate to strong Magnetite>> Finely diss to pervasive magnetite, visibly cryptic with strong Bi but unit is strongly magnetic.

<<Alt: 208.95 - 210.6 Moderate Chlorite >> Strong pervasive f.g. soft green alteration of rock groundmass.

<<Alt: 208.95 - 210.6 Strong Biotite>> Strongly banded at margins to pervasive within middle of interval. Outer margins are strongly foliated with alternating bands of hematite.

<<Alt: 210.6 - 211.2 Strong Chlorite >> Interval is f.g., green and very soft/friable almost entirely replaced by alteration.

<<Alt: 210.6 - 211.2 Weak Biotite>>

<<Alt: 211.2 - 212.2 Moderate Chlorite >> F.g, soft green alteration of rock matrix.

<<Alt: 211.2 - 212.2 moderate to strong Biotite>> Pervasive biotite overprint.

<<Alt: 211.2 - 212.3 Moderate Magnetite>> Pervasive magnetite extends below Cl-Bi alt'n boundary into intermediate intrusive unit below.

<<Struc: 208.95 - 208.95 Weak contact>> Strong transition in alteration possibly lithology? From healed breccia into strongly foliated and biotite altered rock below.

<<Struc: 208.95 - 211.3 Moderate Sheared>> Strongly foliated interval with banded biotite and chlorite alteration. With micro scale ramp thrust like crosscutting relationship of foliation fabric.

**212.20 230.10 MNDR Monzodiorite grey-green MCG**

212.2 - 230.1: Equigranular monzodiorite, light grey-green in colour. 1-3cm Qz-Ca-Kspar? Veining common. Blotchy Ep-Ab alteration increases down unit with minor amounts of light pink silica.

<<Min: 227.5 - 228 0.1% pyrite>>

<<Min: 227.5 - 228 0.1% pyrrhotite>>

<<Alt: 212.2 - 213.4 Weak to moderate Epidote-Chlorite>> Alteration stronger near top and decreases down unit.

<<Alt: 212.2 - 213.4 Weak to moderate Biotite>> Localized Bi near top of unit, weak continuation from strongly altered rocks above.

<<Alt: 213.4 - 215.1 Weak Haematite >> Weak pink colouration to feldspar +/- quartz phenos. Possibly a potassic alteration?

<<Alt: 218.3 - 218.54 moderate to strong Albitisation >> Pervasive f.g. grey albitized alteration/replacement and or vein. Interval lies just below massive Qz-Ca veining and is at similar angle to core axis.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 208.95 | 210.60 | 1.65 | 2570631 | 0.3 | 45.51 | 0.1 | 1.13 | 62.3 |
| 210.60 | 211.20 | 0.60 | 2570632 | -0.2 | 17.22 | 0.11 | 0.66 | 21.6 |
| 211.20 | 212.20 | 1.00 | 2570633 | 2 | 27.46 | 0.27 | 1.85 | 76.1 |
| 212.20 | 213.40 | 1.20 | 2570634 | 3.7 | 164.1 | 0.95 | 5.49 | 70.7 |
| 213.40 | 215.10 | 1.70 | 2570635 | 3.9 | 134.11 | 0.99 | 5.38 | 66.4 |
| 215.10 | 217.10 | 2.00 | 2570636 | 4.5 | 153.75 | 1.09 | 4.29 | 68.7 |
| 217.10 | 218.10 | 1.00 | 2570637 | 3.7 | 121.14 | 0.75 | 6.88 | 56.3 |
| 218.10 | 219.10 | 1.00 | 2570638 | 2.3 | 120.34 | 2.07 | 5.23 | 55.6 |
| 219.10 | 220.15 | 1.05 | 2570639 | 3 | 139.56 | 0.89 | 5.1 | 66.6 |
| 220.15 | 221.30 | 1.15 | 2570640 | 1.5 | 133.8 | 0.87 | 4.52 | 79.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Alt: 220.15 - 220.5 Weak to moderate Biotite>> Bi healed fractures/veins.

<<Alt: 221.3 - 226.5 Weak to moderate Epidote-Chlorite>> Patchy Ep-Cl alt'n, light to dark green. Light green (epidote) is hard, f.g. and selectively alters feldspars, where dark green chlorite alters pyroxenes?

<<Alt: 226.5 - 230.1 Weak Quartz>> Trace amounts of pink quartz within fractured Ca-Cl altered interval. Possibly potassic fluids introduced through fracturing altering rock to coarse blotchy texture.

<<Alt: 226.5 - 230.1 Moderate Chlorite >> Pervasive dark green and soft alteration, interval contains thin healed fractures and coarse blotchy texture possibly due to introduction of fluids and metasomatism?

<<Alt: 226.6 - 230.1 Weak to moderate Calcite>> Associated with chlorite alteration and fracturing of rocks with interpreted fluid introduction.

<<Alt: 230.05 - 260 moderate to strong Chlorite >> Pervasive fine grained chlorite alteration. Possibly chlorite-amphibole?

<<Vein: 217.1 - 218.1 25% Quartz 35 deg. >> Massive 3-5cm discordant veining slight pink colouration (Kspar?) Veins are cut and offset by perpendicular micro faulting with as much as 2.5cm offset.

**230.10 260.80 GABR Gabbro black FMG**

230.1 - 260.8: Strongly magnetic black-green mafic gabbro/basalt? Unit is strongly Bi-Cl altered with diss/blebby/banded magnetite ~5%. Locally diss Py trace Po. Coarse flashy amphibole present. Rare Fspar-Qz-Ca veinlet's at top of unit.

<<Min: 230.1 - 270.2 1.5% magnetite>> Diss/banded/blebby pervasive magnetite mineralization through out rock. Roughly 3-5%? Quantity obscured by pervasive Bi alt'n.

<<Min: 241.73 - 242 6% pyrite>> Fine grained pervasive diss pyrite.

<<Alt: 230.1 - 232.5 moderate to strong Biotite>> Mod to Strong Bi replacement.

<<Alt: 232.5 - 233.05 Strong Biotite>> Very strong Bi alteration/replacement.

<<Alt: 233.05 - 260 moderate to strong Biotite>> Strongly altered rocks, Bi is variable from fine to medium grained and always black.

<<Alt: 260 - 260.8 Moderate Chlorite >> Fine grained homogenous alt'n.

<<Alt: 260 - 260.8 Weak to moderate Calcite>> Ca alt'n finely diss to fracture filling with one 2cm vein at bottom of intervals. Possibly influencing comparatively lighter green colouration of rock.

<<Alt: 260 - 260.8 Weak to moderate Biotite>> Notably weaker Bi alt'n than in surrounding rocks.

<<Struc: 245.5 - 245.5 Weak Fractured>>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 221.30 | 223.30 | 2.00 | 2570641 | 0.5 | 120.95 | 0.08 | 1.93 | 92.3 |
| 223.30 | 225.30 | 2.00 | 2570642 | 0.8 | 73.62 | 0.08 | 2.27 | 77.8 |
| 225.30 | 226.50 | 1.20 | 2570643 | 0.9 | 74.3 | 0.08 | 1.36 | 84.4 |
| 226.50 | 228.00 | 1.50 | 2570644 | 1.5 | 178.36 | 0.21 | 1.68 | 73.2 |
| 228.00 | 230.10 | 2.10 | 2570646 | 1.3 | 171.97 | 0.15 | 1.85 | 73.7 |
| 230.10 | 231.10 | 1.00 | 2570647 | -0.2 | 10.69 | 0.06 | 0.74 | 57.1 |
| 231.10 | 232.40 | 1.30 | 2570648 | 0.6 | 13.4 | 0.09 | 1.08 | 57.9 |
| 232.40 | 233.05 | 0.65 | 2570649 | -0.2 | 26.46 | 0.04 | 1.85 | 76.5 |
| 233.05 | 235.00 | 1.95 | 2570650 | -0.2 | 5.62 | 0.04 | 0.48 | 55 |
| 235.00 | 237.00 | 2.00 | 2570651 | -0.2 | 10.35 | 0.04 | 0.53 | 58.2 |
| 237.00 | 238.00 | 1.00 | 2570652 | -0.2 | 24.7 | 0.39 | 0.41 | 26.2 |
| 238.00 | 240.00 | 2.00 | 2570653 | -0.2 | 14.99 | 0.02 | 0.43 | 53.5 |
| 240.00 | 241.50 | 1.50 | 2570654 | -0.2 | 15.74 | 0.07 | 0.43 | 59 |
| 241.50 | 242.10 | 0.60 | 2570655 | 11.9 | 2855.64 | 0.06 | 2.52 | 58.7 |
| 242.10 | 244.00 | 1.90 | 2570656 | 0.4 | 49.01 | 0.09 | 0.44 | 43.8 |
| 244.00 | 246.00 | 2.00 | 2570657 | -0.2 | 26.01 | 0.09 | 0.47 | 37.4 |
| 246.00 | 248.00 | 2.00 | 2570658 | -0.2 | 9.64 | 0.06 | 0.42 | 53 |
| 248.00 | 250.00 | 2.00 | 2570659 | -0.2 | 7.25 | 0.07 | 0.42 | 51.9 |
| 250.00 | 252.00 | 2.00 | 2570661 | -0.2 | 6.53 | 0.03 | 0.44 | 57.1 |
| 252.00 | 254.00 | 2.00 | 2570662 | -0.2 | 6.88 | 0.07 | 0.47 | 54.8 |
| 254.00 | 256.00 | 2.00 | 2570663 | -0.2 | 9.19 | 0.05 | 0.49 | 51.1 |
| 256.00 | 258.00 | 2.00 | 2570664 | -0.2 | 11.24 | 0.08 | 0.42 | 44.3 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**260.80 270.20 GABR Gabbro green CG**

260.8 - 270.2: Similar to above unit of altered GABR/BSLT however texture and grain size are highly variable with coarse to pegmatic biotite and flashy green amphiboles with pervasive Qz-Ca throughout.

<<Alt: 260.8 - 263.25 Moderate Chlorite >> Pervasive chlorite amphibole alteration, with visible large hard flashy green crystals and chlorite slickensides along fractured faces.

<<Alt: 260.8 - 263.25 Weak to moderate Calcite>> Interstitial Ca +/-Qz and white-pink feldspar shows strong association with coarse/pegmatic Bi.

<<Alt: 260.8 - 263.25 moderate to strong Biotite>> Coarse/pegmatic Bi mod, often associated with large flashy amphibole crystals and sporadic Qz-Ca mottled and strongly angular replacement?

<<Alt: 263.25 - 263.8 Weak Chlorite >> Weak Chlorite amphibole overprint.

<<Alt: 263.25 - 263.8 Moderate Biotite>> Fine grained interval, Bi alt'n is pervasive but loss of pegmatic books coinciding with significant decrease in Ca-Qz-Feldspar.

<<Alt: 263.8 - 270.2 Moderate Chlorite >>

<<Alt: 263.8 - 270.2 Weak to moderate Calcite>>

<<Alt: 263.8 - 270.2 moderate to strong Biotite>> Same as previous pegmatic interval

<<Vein: 261.76 - 262 50% Quartz-Carbonate 55 deg. >> One massive 9cm Qz-Ca-Am vein with 2cm vein at top of interval. Contorted and fractured, barren.

<<Struc: 261 - 262.8 Weak to moderate Fractured>> Moderately fractured interval with strong Bi-Cl and minor Cy alteration. Moderate associated Qz-Ca-Feldspar veining often containing large biotite crystals.

<<Struc: 265.5 - 265.6 Weak Fractured>> Ca Ep healed fracture.

**270.20 271.15 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green MG**

270.2 - 271.15: Short intermediate to felsic monzodiorite to granodiorite crystal tuff. Fine to med grained matrix with common 2-5mm quartz and feldspar phenos ~8-10%. Unit also contains short aphanitic bands. Minor diss Py. Contains fg strongly magnetic basaltic frag.

<<Min: 270.36 - 271.15 0.3% pyrite>> Diss Py within intermediate-felsic intrusive

<<Alt: 270.2 - 271.15 Weak Epidote-Chlorite>>

**271.15 275.95 GABR Gabbro grey-green CG**

<<Min: 271.15 - 351.05 1.5% magnetite>> Strongly magnetic rocks, Mg mineralization is persistent throughout with some short localized veins and stringers.

<<Min: 275.66 - 276.76 4% pyrite>> Coarse cubic diss to banded pyrite

<<Min: 275.66 - 276.76 0.3% chalcopyrite>> Blebby Cpy within massive Qz-Ca vein

<<Alt: 271.15 - 273.2 Weak to moderate Chlorite >> Pervasive chlorite amphibole weak to mod.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 258.00 | 260.00 | 2.00 | 2570666 | -0.2 | 7.35 | 0.08 | 0.43 | 45.2 |
| 260.00 | 260.80 | 0.80 | 2570667 | -0.2 | 5.69 | 0.09 | 0.57 | 37.6 |
| 260.80 | 262.00 | 1.20 | 2570668 | -0.2 | 18.01 | 0.09 | 8.47 | 36.4 |
| 262.00 | 263.25 | 1.25 | 2570669 | -0.2 | 2.71 | 0.14 | 1.76 | 33.5 |
| 263.25 | 263.80 | 0.55 | 2570671 | -0.2 | 6.55 | 0.13 | 0.58 | 36.8 |
| 263.80 | 264.45 | 0.65 | 2570672 | 0.2 | 8.95 | 0.13 | 1.1 | 52.7 |
| 264.45 | 265.30 | 0.85 | 2570673 | 0.8 | 10.08 | 0.11 | 0.7 | 47.7 |
| 265.30 | 267.40 | 2.10 | 2570674 | 1.2 | 8.36 | 0.32 | 0.84 | 47.1 |
| 267.40 | 268.10 | 0.70 | 2570675 | -0.2 | 7.09 | 0.09 | 0.56 | 48.2 |
| 268.10 | 270.20 | 2.10 | 2570676 | 0.5 | 4.51 | 0.06 | 0.85 | 56.4 |
| 270.20 | 271.15 | 0.95 | 2570677 | 0.9 | 144.04 | 0.12 | 3.23 | 78.7 |
| 271.15 | 271.87 | 0.72 | 2570678 | -0.2 | 20.23 | 0.19 | 1.64 | 53.7 |
| 271.87 | 272.50 | 0.63 | 2570679 | -0.2 | 8.57 | 0.08 | 1.06 | 65 |
| 272.50 | 273.20 | 0.70 | 2570680 | -0.2 | 6.77 | 0.3 | 1.16 | 39.9 |
| 273.20 | 274.45 | 1.25 | 2570681 | 0.4 | 8.54 | 0.19 | 0.54 | 54.6 |
| 274.45 | 275.95 | 1.50 | 2570682 | 1.7 | 14.53 | 0.24 | 2.18 | 52.8 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Alt: 271.15 - 276.3 Moderate Biotite>> Variable over interval from fine to coarse grained.

<<Alt: 273.2 - 274.45 moderate to strong Chlorite >> Mod to strongly chloritized, fractured and friable.

<<Alt: 274.45 - 275.95 Weak to moderate Chlorite >>

<<Alt: 275.6 - 277.1 Moderate Calcite>> Moderate diss and veined calcite.

**275.95 276.60 ANTF Andesitic tuff grey FG**

275.95 - 276.6: F.g bleached Ca and Si altered tuff, with significant Qz-Ca veining comprising ~50% of interval. Diss Py-Cpy 3-4%.

<<Vein: 275.95 - 276.6 70% Quartz 33 deg. >> Massive Qz-Ca veining 30cm, with blebby Cp and diss Py within and adjacent to vein

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 275.95 | 276.60 | 0.65 | 2570683 | 1.7 | 464.55 | 1.06 | 3.34 | 139.9 |

**276.60 299.05 GABR Gabbro green FMG**

276.6 - 299.05: Continuation of strongly magnetic Bi-Cl-Am altered mafic rocks (basalt/gabbro).

<<Alt: 276.6 - 281.3 Weak to moderate Chlorite >>

<<Alt: 276.6 - 281.3 Moderate Biotite>>

<<Alt: 276.6 - 351.1 Moderate Magnetite>>

<<Alt: 281.3 - 285.5 Moderate Chlorite >> Pervasive Chlorite alteration is moderate to strong locally over short intervals commonly associated with heavy coarse Bi.

<<Alt: 281.3 - 285.5 Moderate Biotite>> Biotite locally mod to strong and coarse grained, commonly associated with strong pervasive Cl.

<<Alt: 285.5 - 294.66 Weak to moderate Chlorite >> Pervasive chlorite alteration of pyroxenes, locally moderate over short restricted intervals.

<<Alt: 285.5 - 294.66 Moderate Biotite>> Pervasive biotite alt'n of matrix giving rock mottle appearance

<<Alt: 294.66 - 295.4 moderate to strong Chlorite >> Strongly chloritized, friable and fractured.

<<Alt: 294.66 - 295.4 moderate to strong Biotite>> Strong pervasive Bi associated with Cl alt'n.

<<Alt: 295.4 - 299.05 Weak Chlorite >>

<<Alt: 295.4 - 299.05 Moderate Biotite>>

<<Vein: 284.6 - 284.6 Quartz 20 deg. >> Possibly interstitial Qz-Ca and pegmatic secondary Bi forming along thin fracture in rock where alteration fluids have entered.

<<Vein: 293.75 - 293.84 Quartz-Carbonate>> Qz-Ca-Feldspar with coarse 3cm Bi books and weak mottled Ep alt'n. Vein boundaries are diffuse.

<<Struc: 281.05 - 285.5 Weak to moderate Fractured>> Multiple intervals of strong Bi-Cl alt'n and fractured friable core.

<<Struc: 294.66 - 295.4 Weak to moderate Fractured>> Strong Cl-Bi alt'n friable moderately fractured locally rubbled core.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 276.60 | 278.60 | 2.00 | 2570684 | 0.3 | 10.32 | 0.37 | 3.06 | 35.8 |
| 278.60 | 279.60 | 1.00 | 2570686 | -0.2 | 7.46 | 0.18 | 0.63 | 37.4 |
| 279.60 | 281.00 | 1.40 | 2570687 | -0.2 | 7.45 | 0.12 | 0.39 | 36.4 |
| 281.00 | 282.30 | 1.30 | 2570688 | -0.2 | 7.11 | 0.08 | 0.42 | 38 |
| 282.30 | 283.40 | 1.10 | 2570689 | -0.2 | 7.54 | 0.06 | 0.48 | 40.4 |
| 283.40 | 285.50 | 2.10 | 2570690 | -0.2 | 7.44 | 0.11 | 0.59 | 45.9 |
| 285.50 | 287.00 | 1.50 | 2570691 | -0.2 | 9.74 | 0.06 | 0.38 | 40.3 |
| 287.00 | 289.00 | 2.00 | 2570692 | -0.2 | 11.75 | 0.05 | 0.46 | 36.7 |
| 289.00 | 291.00 | 2.00 | 2570693 | 0.3 | 54.33 | 0.08 | 0.49 | 34.5 |
| 291.00 | 293.00 | 2.00 | 2570694 | 1.6 | 56.28 | 0.05 | 1.09 | 46.1 |
| 293.00 | 294.66 | 1.66 | 2570695 | 0.8 | 68.3 | 0.06 | 0.52 | 44.5 |
| 294.66 | 295.40 | 0.74 | 2570696 | -0.2 | 24.18 | 0.06 | 0.64 | 56.2 |
| 295.40 | 297.00 | 1.60 | 2570697 | -0.2 | 14.36 | 0.03 | 0.42 | 42.4 |
| 297.00 | 299.05 | 2.05 | 2570698 | -0.2 | 27.8 | 0.05 | 0.49 | 43.3 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

## 299.05 299.45 GABR Gabbro green CG

299.05 - 299.45: Interstitial Qz-Ca-Fspar with coarse 3cm Bi books and weak mottled Ep alt'n. Upper boundary is diffuse and overprinted by Bi. Bottom is marked by a 1.5cm Mg vein with a sharp contact.

<<Min: 299.05 - 299.45 0.01% chalcopyrite>> Trace Cpy observed on freshly fractured core within pegmatic veined interval, with 2 cm Mg vein at the bottom.

<<Alt: 299.05 - 299.45 Weak to moderate Quartz>> Feldspar/Qz appears to be coming into the rock interstitially enveloping pegmatic Bi books, often associated with weak mottled Ep.

<<Alt: 299.05 - 299.45 Weak Epidote-Chlorite>>

<<Alt: 299.05 - 299.45 Moderate Biotite>> Pegmatic Bi within Qz-Ca veined/altered interval of gabbro

<<Vein: 299.05 - 299.45 100% Quartz-Carbonate 20 deg. >> Qz-Ca-Feldspar with coarse 3cm Bi books and weak mottled Ep alt'n. Upper vein boundary is diffuse and overprinted by Bi. Bottom of vein is marked by a 1.5cm Mg vein with a sharp contact.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 299.05 | 299.45 | 0.40 | 2570699 | 1 | 15.64 | 0.09 | 1.19 | 49.1 |

## 299.45 333.80 GABR Gabbro green MCG

299.45 - 333.8: Variably textured and Bi-Cl altered gabbro, 2-5cm discordant Qz-Ca veins common with locally fractured intervals. Strongly magnetic.

<<Min: 323.25 - 326.8 1% pyrite>> Top meter of interval includes Qz-feldspar veining and moderately fractured core. Py diss along vein selvages rare Py stringers.

<<Min: 323.25 - 326.8 0.3% pyrrhotite>> Weak sparsely disseminated.

<<Alt: 299.45 - 333.8 Moderate Chlorite >>

<<Alt: 299.45 - 333.8 moderate to strong Biotite>> Locally strong over short intervals

<<Alt: 333.3 - 334.3 Weak to moderate Biotite>> Coarse elongated Bi aligned with Qz-Feldspar interstitial veins. As well as pervasive f.g. replacement of wall rock surrounding veined interval.

<<Vein: 307.5 - 307.52 100% Quartz 45 deg. >> Qz-Kspar vein, massive, hard, slight pink colour sharp boundaries and undeformed, pristine.

<<Vein: 313.2 - 313.5 10% Calcite 25 deg. >> Foliated Ca veining with Bi altered selvages, veins appeared sheared.

<<Vein: 316.08 - 317 5% Quartz-Carbonate 35 deg. >> Qz-Ca vein zone 3-8cm veins subconcordant, barren.

<<Vein: 323 - 323.5 5% Quartz>> Qz-Feldspar veins ~2cm wide with slight pink colouration and soft greyish blue speckles. Diss Py-Po 1%

<<Struc: 321 - 321.5 Weak Fractured>> Pervasive chlorite alt'n, fractured interval with slickensides and polished fracture planes.

<<Struc: 323 - 323.9 Weak to moderate Fractured>> Moderately fractured interval with localized 5cm gouge.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 299.45 | 301.00 | 1.55 | 2570701 | 2.1 | 79.6 | 0.32 | 15.81 | 62 |
| 301.00 | 303.00 | 2.00 | 2570702 | -0.2 | 29.11 | 0.12 | 5.32 | 47.2 |
| 303.00 | 305.00 | 2.00 | 2570703 | 6.5 | 254.86 | 0.06 | 7.18 | 60.2 |
| 305.00 | 307.00 | 2.00 | 2570704 | -0.2 | 25.86 | 0.17 | 4.79 | 48.5 |
| 307.00 | 309.00 | 2.00 | 2570706 | -0.2 | 40.38 | 0.11 | 2.75 | 40.9 |
| 309.00 | 310.00 | 1.00 | 2570707 | 0.5 | 13.75 | 0.1 | 5.48 | 45.5 |
| 310.00 | 311.00 | 1.00 | 2570708 | -0.2 | 27.01 | 0.11 | 1.63 | 38.6 |
| 311.00 | 312.60 | 1.60 | 2570709 | 0.9 | 33.34 | 0.12 | 4.77 | 51 |
| 312.60 | 313.50 | 0.90 | 2570711 | 0.6 | 12.29 | 0.12 | 12.8 | 63.2 |
| 313.50 | 314.50 | 1.00 | 2570712 | 0.4 | 13.24 | 0.14 | 1.96 | 35.1 |
| 314.50 | 316.08 | 1.58 | 2570713 | 0.4 | 18.56 | 0.15 | 1.73 | 33.3 |
| 316.08 | 317.00 | 0.92 | 2570714 | -0.2 | 35.38 | 0.14 | 20.65 | 35.1 |
| 317.00 | 319.00 | 2.00 | 2570715 | 1.4 | 103.67 | 0.12 | 1.21 | 54.9 |
| 319.00 | 321.00 | 2.00 | 2570716 | 0.4 | 38.79 | 0.12 | 3 | 53.4 |
| 321.00 | 323.00 | 2.00 | 2570717 | 1.8 | 181.78 | 0.12 | 3.63 | 52.5 |
| 323.00 | 323.90 | 0.90 | 2570718 | -0.2 | 13.47 | 1.08 | 2.14 | 44.9 |
| 323.90 | 325.90 | 2.00 | 2570719 | 1.9 | 628.89 | 0.16 | 2.97 | 46 |

From (m) | To (m) | Rocktype & Description

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 325.90 | 326.80 | 0.90 | 2570720 | -0.2 | 281.58 | 0.14 | 1.65 | 55.6 |
| 326.80 | 328.00 | 1.20 | 2570721 | 0.9 | 203.14 | 0.08 | 0.57 | 56.4 |
| 328.00 | 329.00 | 1.00 | 2570722 | -0.2 | 211.31 | 0.09 | 0.96 | 68.1 |
| 329.00 | 331.00 | 2.00 | 2570723 | 0.9 | 219.5 | 0.11 | 1.77 | 60.3 |
| 331.00 | 332.50 | 1.50 | 2570724 | 0.5 | 342.89 | 0.18 | 0.8 | 59.7 |
| 332.50 | 333.80 | 1.30 | 2570726 | 1 | 174.78 | 0.12 | 0.57 | 61.5 |

## 333.80 334.25 GABR Gabbro green CG

333.8 - 334.25: Si-Fspar veined/altered gabbro with coarse elongate Bi and patchy Ep alt'n. Similar to previous intervals with large Bi and interstitial to veined feldspar and quartz, here with a significant fg Bi alt'n halo ~40cm. Elongated Bi crystals are oriented parallel to Qz-Fspar flows within.

<<Alt: 333.8 - 334.25 Moderate Quartz>> Qz-Feldspar veined/altered interval with coarse elongated Bi crystals and patchy Ep alt'n.

<<Alt: 333.8 - 334.25 Weak Epidote-Chlorite>>

<<Vein: 333.8 - 334.25 100% Quartz 20 deg. >> Qz-Feldspar with coarse elongated Bi crystals and weak mottled Ep alt'n. Vein boundaries have significant and diffuse Bi alteration halo, pervasive and f.g..

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 333.80 | 334.25 | 0.45 | 2570727 | -0.2 | 44.58 | 0.12 | 2.46 | 63.8 |

## 334.25 347.50 GABR Gabbro light grey MG

334.25 - 347.5: Bi altered gabbro, equigranular light grey. Homogenous unit with abundant fg Bi giving rock speckled appearance. Intruded by axial planar 2-3mm Qz-Fspar-Bi veinlet's and a minor Monzonite intrusion/veinlet only partially intrudes core at 340m at a low angle to core axis possibly grazing a intermediate-felsic dyke.

<<Min: 336.35 - 336.66 4% pyrite>> Very fine grained diss Py with Mg in a f.g. interval of rocks with wispy Bi stringers parallel to core axis

<<Alt: 334.3 - 347.5 Weak to moderate Chlorite >> Weak Cl overprint

<<Alt: 334.3 - 347.5 Moderate Biotite>> Predominantly f.g. disseminated Bi alt'n speckled throughout rock, with pervasive mod to strong interval at top of unit where Bi does not alter pyroxene phenos giving rock porphyritic texture.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 334.25 | 336.00 | 1.75 | 2570728 | 1.2 | 183.31 | 0.13 | 0.7 | 61.4 |
| 336.00 | 336.86 | 0.86 | 2570729 | 5.1 | 1746.34 | 0.12 | 1.02 | 46.6 |
| 336.86 | 338.46 | 1.60 | 2570730 | 0.4 | 316.54 | 0.15 | 1.92 | 50.1 |
| 338.46 | 339.75 | 1.29 | 2570731 | 0.4 | 212.88 | 0.1 | 1.09 | 51.6 |
| 339.75 | 340.25 | 0.50 | 2570732 | 0.3 | 136.79 | 0.17 | 0.98 | 51.9 |
| 340.25 | 342.25 | 2.00 | 2570733 | -0.2 | 176.18 | 0.1 | 1.08 | 51.3 |
| 342.25 | 344.25 | 2.00 | 2570734 | 1.7 | 130.77 | 0.13 | 13.13 | 75.4 |
| 344.25 | 346.00 | 1.75 | 2570735 | 1 | 94.06 | 0.12 | 1.03 | 40.8 |
| 346.00 | 347.50 | 1.50 | 2570736 | 2.9 | 250.36 | 0.13 | 5.1 | 41 |

## 347.50 351.00 GABR Gabbro black MCG

347.5 - 351: Strongly Bi altered gabbro. Dark black fg groundmass with coarse flashy Bi and Cl altered pyroxene phenos. At top of unit is a 5cm silicified interval with aphanitic diss Py, possibly a Si healed Flt or shear?

<<Alt: 347.5 - 351 Weak Chlorite >> Weak chlorite alteration selectively altering pyroxene.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 347.50 | 349.00 | 1.50 | 2570737 | 2.3 | 274.19 | 0.1 | 1.65 | 48.2 |
| 349.00 | 351.00 | 2.00 | 2570738 | 0.8 | 167.08 | 0.11 | 1.01 | 43.5 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|

<<Alt: 347.5 - 351 moderate to strong Biotite>> Pervasive alt'n, black and soft. Both f.g. and coarse flashy Bi crystals throughout.

### 351.00 351.80 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey MCG

351 - 351.8: Intermediate to felsic plagioclase porphyritic dyke. Grey groundmass with 2-5 mm plag phenos. Very sharp contacts with surrounding gabbro, late intrusion? Down unit intrusion splits into a thin offshoots 'dyke swarm'. Cuts gabbro at a low angle to core axis 18 degrees.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 351.00 | 351.80 | 0.80 | 2570739 | 1.2 | 132.74 | 0.16 | 7.35 | 62.1 |

### 351.80 365.80 GABR Gabbro black MCG

351.8 - 365.8: Similar to previous gabbro unit locally mineralized with diss Py-Po-Mg-He ~2-3% overall. Bi alt'n over short intervals is strong (lamprophyric)

<<Min: 351.8 - 359.3 1% pyrrhotite>> Diss and fracture filling

<<Min: 351.8 - 365.8 0.5% pyrite>>

<<Min: 351.8 - 403.75 1.5% magnetite>> Pervasive Mg mineralization locally blebby and veined.

<<Min: 359.3 - 365.8 2% pyrrhotite>> Slightly stronger Po mineralization diss to blebby locally

<<Alt: 351.8 - 365.8 Weak Epidote-Chlorite>> Weak sparse Ep-Se veining/healed hairline fracturing

<<Alt: 351.8 - 365.8 moderate to strong Biotite>> Similar to previous Bi interval of pervasive mod to locally strong (lamprophyric) Bi alt'n

<<Vein: 353 - 365.8 0.5% Epidote>> Very minor Ep-Si discordant veining/veinlets and Ep healed fracturing.

<<Struc: 352.3 - 352.3 Weak Veining - fracture fill>> 2-3mm dyklet extending from MZPD intrusion above

<<Struc: 358.2 - 358.75 Weak Fractured>> Short interval of fractured broken core, strongly Bi altered

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 351.80 | 353.80 | 2.00 | 2570741 | 4.8 | 294.07 | 0.12 | 1.07 | 45.1 |
| 353.80 | 355.80 | 2.00 | 2570742 | 2.7 | 192.29 | 0.14 | 2.78 | 40.3 |
| 355.80 | 357.80 | 2.00 | 2570743 | 1.2 | 163.68 | 0.11 | 1.57 | 39.6 |
| 357.80 | 359.30 | 1.50 | 2570744 | 3.8 | 259.56 | 0.13 | 1.47 | 37 |
| 359.30 | 361.00 | 1.70 | 2570746 | 2.8 | 294.65 | 0.14 | 3.65 | 48 |
| 361.00 | 363.00 | 2.00 | 2570747 | 2.8 | 380.49 | 0.06 | 0.83 | 38.7 |
| 363.00 | 364.80 | 1.80 | 2570748 | 3.8 | 498.48 | 0.12 | 1.16 | 48.7 |
| 364.80 | 365.80 | 1.00 | 2570749 | 1.7 | 276.42 | 0.1 | 0.6 | 33 |

### 365.80 366.85 GABR Gabbro green CG

365.8 - 366.85: Interstitial feldspar and silica alt'n with coarse Bi, magnetic.

<<Alt: 365.8 - 366.85 Weak to moderate Quartz>> Interstitial to veined Si and feldspar.

<<Alt: 365.8 - 366.85 Moderate Biotite>> Coarse Bi in Feldspar-Si vein/alteration zone.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 365.80 | 366.85 | 1.05 | 2570751 | -0.2 | 33.78 | 0.16 | 1.02 | 62.2 |

### 366.85 403.75 GABR Gabbro black MCG

366.85 - 403.75: Pervasively Bi altered gabbro, dark green to black. Locally fractured but fairly competent overall. Bi-rich, lamprophyric over short intervals. Locally diss Po-Py and He. Strongly magnetic.

<<Min: 368 - 372.33 0.3% pyrite>> F.g

<<Min: 372.33 - 375 1.5% pyrite>> Diss rare stringers

<<Min: 372.33 - 375 1% pyrrhotite>>

<<Min: 375 - 375.9 0.5% pyrite>>

<<Min: 375 - 375.9 0.5% Hematite>> Deep red and finely disseminated

<<Min: 375.9 - 376.35 4% pyrite>> Blebby/diss/stringers

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 366.85 | 368.00 | 1.15 | 2570752 | 1.5 | 258.63 | 0.12 | 0.62 | 39.8 |
| 368.00 | 369.00 | 1.00 | 2570753 | 3.9 | 435.52 | 0.1 | 0.83 | 30.8 |
| 369.00 | 370.00 | 1.00 | 2570754 | 4.2 | 394.12 | 0.13 | 1.65 | 46.4 |
| 370.00 | 371.10 | 1.10 | 2570755 | 2.1 | 166.77 | 0.07 | 0.88 | 40.7 |
| 371.10 | 372.20 | 1.10 | 2570756 | 2.1 | 260.16 | 0.14 | 1.83 | 37.2 |
| 372.20 | 374.00 | 1.80 | 2570757 | 2.7 | 343.53 | 0.12 | 0.95 | 35.3 |
| 374.00 | 375.00 | 1.00 | 2570758 | 2.4 | 353.01 | 0.12 | 0.49 | 37.8 |

From (m) To (m) Rocktype & Description

<<Min: 376.35 - 379.7 1.5% pyrite>> Mostly fine grained minor blebs

<<Min: 376.35 - 379.7 1.5% pyrrhotite>>

<<Min: 379.7 - 403.75 1% pyrite>> Patchy diss/fracture filling/ rare blebby Py.

<<Min: 379.7 - 403.75 1% pyrrhotite>> Weak patchy mainly diss mineralization

<<Min: 389.25 - 389.85 0.1% Hematite>>

<<Alt: 366.85 - 369.45 moderate to strong Biotite>> F.G pervasive Bi, often occurring adjacent to coarse grained intervals with Si-Feldspar.

<<Alt: 369.45 - 384.5 Moderate Biotite>>

<<Alt: 370.2 - 371.1 Weak Albitisation >> Patchy disseminated feldspars, no sharp margins around alteration or compositional change to rock matrix and unlike previous intervals its f.g. with no coarse Bi.

<<Alt: 380.09 - 380.7 Weak Epidote-Chlorite>> Ep stringer stockwork with large 1cm acicular amphibole crystals (actinolite?)

<<Alt: 383.3 - 384.5 Weak to moderate Albitisation >> Patchy/mottled albite and silica alteration, light blue grey stain and hard, commonly see He mineralization with this style of alt'n

<<Alt: 384.5 - 403.75 Moderate Chlorite >> Chlorite alteration of 3-4mm pyroxene phenos through coarser intervals typically associated with strong Bi also fracture related but weak.

<<Alt: 384.5 - 403.75 moderate to strong Biotite>> Pervasive locally strong and coarse.

<<Alt: 389.25 - 389.85 Moderate Quartz>> Cryptic f.g. silicified interval. Slight blue colouration and hard. Less white feldspar than previous intervals with similar alt'n, diss He trace.

<<Vein: 368.45 - 372.2 1% Quartz 52 deg. >> Qz-Kspar veining two Qz-rich 2cm veins and one feldspar-rich vuggy 10cm vein. Sharp contacts unfoliated and no SXs. All at 50-55 degrees.

<<Struc: 379.75 - 380.7 Weak Fractured>> Moderately broken core, strongly Bi altered with thin Ep stringers

<<Struc: 390.8 - 391.6 Weak to moderate Fractured>> Broken, rubbled core. No fault gouge or clay alt'n but strong pervasive Bi

**403.75 405.00 GABR Gabbro**

403.75 - 405: Strongly veined interval of gabbro, weakly fractured between silicified/veined intervals. Strong Py mineralization within veining (~8%) blebby stringers and bands.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 375.00 | 375.90 | 0.90 | 2570759 | 2.1 | 202.79 | 0.12 | 1.41 | 42.6 |
| 375.90 | 376.50 | 0.60 | 2570760 | 1.6 | 433.07 | 0.12 | 0.84 | 38.6 |
| 376.50 | 378.00 | 1.50 | 2570761 | 2.6 | 572.14 | 0.1 | 0.68 | 42 |
| 378.00 | 379.00 | 1.00 | 2570762 | 3.2 | 398.3 | 0.13 | 0.56 | 44.2 |
| 379.00 | 380.09 | 1.09 | 2570763 | 2.8 | 357.92 | 0.12 | 0.79 | 52.1 |
| 380.09 | 380.70 | 0.61 | 2570764 | 2.3 | 278.25 | 0.11 | 0.64 | 36.4 |
| 380.70 | 382.30 | 1.60 | 2570766 | 1.4 | 352.52 | 0.15 | 0.58 | 44.3 |
| 382.30 | 383.30 | 1.00 | 2570767 | 3.9 | 282.05 | 0.13 | 0.94 | 52.9 |
| 383.30 | 384.50 | 1.20 | 2570768 | 3.3 | 288.56 | 0.15 | 10.15 | 59.8 |
| 384.50 | 386.40 | 1.90 | 2570769 | 0.6 | 237.15 | 0.1 | 0.8 | 39.4 |
| 386.40 | 388.00 | 1.60 | 2570770 | 3.7 | 308.93 | 0.1 | 0.46 | 32.3 |
| 388.00 | 389.23 | 1.23 | 2570771 | -0.2 | 156.13 | 0.06 | 0.63 | 36 |
| 389.23 | 389.85 | 0.62 | 2570772 | 2 | 90.48 | 0.1 | 3.7 | 34.8 |
| 389.85 | 390.70 | 0.85 | 2570773 | 0.7 | 34.28 | 0.08 | 2.11 | 45.4 |
| 390.70 | 391.60 | 0.90 | 2570774 | 2.9 | 249.59 | 0.13 | 0.63 | 50.3 |
| 391.60 | 393.30 | 1.70 | 2570775 | 3.5 | 330.1 | 0.1 | 0.88 | 50 |
| 393.30 | 395.30 | 2.00 | 2570776 | 1.2 | 212.03 | 0.09 | 0.81 | 70 |
| 395.30 | 396.90 | 1.60 | 2570777 | 3.8 | 220.03 | 0.08 | 0.94 | 55.3 |
| 396.90 | 397.40 | 0.50 | 2570778 | -0.2 | 31.22 | 0.15 | 0.44 | 58.7 |
| 397.40 | 398.40 | 1.00 | 2570779 | 0.6 | 375.1 | 0.08 | 0.8 | 56.8 |
| 398.40 | 399.55 | 1.15 | 2570781 | 1.2 | 632.32 | 0.1 | 0.75 | 51.1 |
| 399.55 | 400.05 | 0.50 | 2570782 | -0.2 | 54.04 | 0.07 | 0.46 | 60.5 |
| 400.05 | 402.00 | 1.95 | 2570783 | 1.5 | 140.35 | 0.18 | 0.65 | 53.6 |
| 402.00 | 403.75 | 1.75 | 2570784 | 2.6 | 373.03 | 0.56 | 1.23 | 50.7 |
| 403.75 | 405.00 | 1.25 | 2570786 | 10.9 | 40.55 | 35.84 | 13.49 | 102.6 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Min: 403.75 - 405 7% pyrite>> Blebs/stringers/diss Py within strongly Qz-Ca veined interval 1cm bands common. Sharp decline in mineralization below veined interval.

<<Alt: 403.75 - 405 moderate to strong Calcite>> Moderate to strong Qz-Ca veining with strong blebby Py bands 8-10% locally

<<Vein: 404 - 405 50% Quartz 50 deg. >> Significant 10-30cm Qz-Ca veining/silicification with coarse blebby/stringer Py locally 8%

<<Struc: 403.75 - 406 Weak to moderate Fractured>> Moderately fractured interval with significant Qz-Ca veining and blebby Py mineralization locally 8% within 34cm silicified/veined interval.

## 405.00 418.50 GABR Gabbro black MG

405 - 418.5: Mostly competent locally broken Bi altered magnetic gabbro. Weak Se overprint locally with minor Ep stringers/fractures. Weakly mineralized. Py ~1%

<<Min: 405 - 553.82 1.5% magnetite>> Pervasive Mg often occurring as bands and blebs, consistent throughout package.

<<Alt: 405 - 410 Weak Sericite>> Weak sericite overprint, soft light green alt'n.

<<Alt: 405 - 410 Moderate Biotite>>

<<Alt: 406.6 - 441 Weak Epidote-Chlorite>> Trace Ep healed fractures/alt'n halos.

<<Alt: 410 - 411 moderate to strong Biotite>> Locally strong pervasive Bi replacement, f.g. alteration overprints rock texture, interval is also weakly fractured and broken.

<<Alt: 411 - 418.5 Moderate Biotite>>

<<Alt: 413.61 - 418.5 Weak Chlorite >> Weakly Cl altered pyroxene and amphibole phenos

<<Vein: 405 - 406 Calcite>> Minor Ca veinlet's/fractures, lower extension of strongly veined interval above irregular and discordant.

<<Vein: 417.28 - 418.1 0.5% Quartz-Carbonate 52 deg. >> Interval contains 2 1cm Qz-Ca veins at 52 & 60 degrees TCA, with trace amounts of Py-Po within and adjacent to veining.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 405.00 | 406.00 | 1.00 | 2570787 | 3.1 | 274.43 | 1.51 | 4.41 | 52.7 |
| 406.00 | 408.00 | 2.00 | 2570788 | 2 | 45.85 | 0.28 | 1.11 | 47.7 |
| 408.00 | 410.00 | 2.00 | 2570789 | 1.4 | 44.4 | 0.13 | 0.5 | 51.3 |
| 410.00 | 411.00 | 1.00 | 2570791 | 1.6 | 264.42 | 0.13 | 0.67 | 47.6 |
| 411.00 | 412.00 | 1.00 | 2570792 | 5 | 422.97 | 0.1 | 1.69 | 60.7 |
| 412.00 | 413.61 | 1.61 | 2570793 | 1.3 | 193.04 | 0.09 | 0.84 | 40.8 |
| 413.61 | 415.00 | 1.39 | 2570794 | 1.8 | 39.17 | 0.1 | 0.58 | 41.2 |
| 415.00 | 417.00 | 2.00 | 2570795 | 1.4 | 112.14 | 0.17 | 0.68 | 45 |
| 417.00 | 418.50 | 1.50 | 2570796 | 3.4 | 131.11 | 0.12 | 1.58 | 57.7 |

## 418.50 430.40 DIOR Diorite dark grey MG

418.5 - 430.4: Medium grained, mottled irregular texture. Interval does not have clear contacts and is likely alteration of the massive gabbro (?). Interval is moderately siliceous with a dark blue-grey groundmass and speckled with irregular mottled white plagioclase rarely seen as well developed crystals. Have seen similar style of alteration up hole but much more restricted and localized.

<<Min: 430 - 438.1 0.3% pyrite>> Patchy diss Py, weak.

<<Alt: 418.5 - 430.4 Weak Quartz>> Weak pervasive silica, no visible Qz eyes but interval is harder than surrounding gabbro with blue-grey colour, may also be related to albitization.

<<Alt: 418.5 - 430.4 Moderate Albitisation >> Patchy mottled white feldspar alteration appears to interstitial only rarely seen as developed crystals, associated with pervasive Si

<<Vein: 423.5 - 424.4 0.3% Epidote>> Thing Ep veinlets stockwork. Thin parallel fractures and veinlets, weak overall

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 418.50 | 420.00 | 1.50 | 2570797 | 3.3 | 204.26 | 0.11 | 0.83 | 42.6 |
| 420.00 | 422.00 | 2.00 | 2570798 | 2.6 | 199.58 | 0.11 | 0.96 | 46.9 |
| 422.00 | 423.00 | 1.00 | 2570799 | 2.6 | 77.75 | 0.11 | 0.79 | 44.3 |
| 423.00 | 424.40 | 1.40 | 2570800 | 1.9 | 96.84 | 0.07 | 0.5 | 44.6 |
| 424.40 | 426.40 | 2.00 | 2570801 | 1.2 | 142.86 | 0.11 | 0.66 | 43.3 |
| 426.40 | 428.00 | 1.60 | 2570802 | 1.8 | 119.52 | 0.17 | 0.93 | 41.7 |
| 428.00 | 428.85 | 0.85 | 2570803 | 2 | 79.07 | 0.16 | 0.67 | 38 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

### 430.40 438.10 GABR Gabbro black MG

430.4 - 438.1: Pervasively Bi altered fg groundmass with frequent 2-6mm pyroxene phenos overprinted with Cl and/or Se alt'n giving them a fuzzy diffuse margin and slight amygdaloidal appearance.

<<Alt: 430.4 - 438.1 Weak to moderate Chlorite >> Weak patchy Cl possibly Se altered phenos.

<<Alt: 430.4 - 438.1 Moderate Biotite>> Alt'n of f.g. matrix

<<Alt: 436.9 - 438.8 Weak Clay>> Minor local clay alt'n in short fractured to faulted intervals

<<Struc: 437.7 - 439.7 Weak to moderate Fractured>> Moderately fractured interval with minor 2-5cm gouge and Qz-Ca veining

### 438.10 440.22 ANDS Andesite grey

438.1 - 440.22: Fine grained intermediate intrusion. Fg light grey matrix with 1-2mm dark black porphyroblasts, possible Bi after hornblende? Dyke is fractured with 5 cm FLT Gouge and Qz-Ca veining at top of unit with diss Po-Py 1-2%.

<<Min: 438.1 - 440.2 0.1% Hematite>>

<<Min: 438.1 - 440.7 0.3% pyrite>>

<<Min: 438.1 - 440.7 0.5% pyrrhotite>> Diss Po along Qz-Ca vein margins.

<<Vein: 438.1 - 438.65 10% Quartz-Carbonate>> Qz-Ca vein/stringer zone at contact between gabbro and intermediate intrusion, rocks are locally broken and weakly faulted within dyke. Veining is discordant with minor diss Po-Py along margins.

### 440.22 441.90 GABR Gabbro green CG

440.22 - 441.9: Locally plag-qz altered/veined gabbro with coarse pegmatic Bi-Am crystals and patchy Ep alt'n.

<<Alt: 440.22 - 441.9 Weak to moderate Epidote-Chlorite>>

<<Alt: 440.22 - 441.9 Moderate Albitisation >> Patchy Feldspar-Qz appears interstitially between pegmatic Bi-Am crystals along with patchy Ep.

<<Vein: 441.1 - 441.4 50% Epidote>> Feldspar-Qz-Ep vein/alteration with coarse 1cm Bi and Am phenos giving interval coarse pegmatic texture.

### 441.90 456.19 GABR Gabbro black MCG

441.9 - 456.19: Similar to previous gabbro unit.

<<Alt: 441.9 - 442.8 moderate to strong Biotite>>

<<Alt: 441.9 - 450.7 Weak Epidote-Chlorite>> Weak patchy Ep and stringers.

<<Alt: 442.8 - 506.6 Weak to moderate Chlorite >> Pervasive, homogenous Cl alteration possibly a weak serpentization as well.

<<Alt: 442.8 - 528.3 Moderate Biotite>> Fairly homogenous Bi alt'n locally mod to strong over short intervals.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 428.85 | 430.40 | 1.55 | 2570804 | 4 | 260.87 | 0.16 | 11.46 | 46.4 |
| 430.40 | 432.00 | 1.60 | 2570806 | 2.1 | 159.76 | 0.07 | 4.47 | 42.6 |
| 432.00 | 433.15 | 1.15 | 2570807 | 0.6 | 107.72 | 0.09 | 4.28 | 39.6 |
| 433.15 | 434.15 | 1.00 | 2570808 | 0.6 | 151.7 | 0.08 | 2.71 | 44.5 |
| 434.15 | 435.80 | 1.65 | 2570809 | 1.4 | 363.99 | 0.07 | 2.98 | 48.9 |
| 435.80 | 436.80 | 1.00 | 2570810 | 1.2 | 164.59 | 0.06 | 1.92 | 42.1 |
| 436.80 | 438.10 | 1.30 | 2570811 | -0.2 | 14.08 | 0.07 | 4.05 | 65.6 |
| 438.10 | 438.80 | 0.70 | 2570812 | 7.1 | 65.35 | 3.03 | 32.89 | 86.6 |
| 438.80 | 440.22 | 1.42 | 2570813 | 8.6 | 143.11 | 0.16 | 2.2 | 29.7 |
| 440.22 | 441.05 | 0.83 | 2570814 | 2.9 | 187.07 | 0.15 | 1.34 | 42.6 |
| 441.05 | 441.90 | 0.85 | 2570815 | 1.1 | 32.42 | 0.07 | 1.7 | 53 |
| 441.90 | 443.50 | 1.60 | 2570816 | 1.1 | 63.96 | 0.06 | 1.15 | 59.5 |
| 443.50 | 445.00 | 1.50 | 2570817 | 1.9 | 180.38 | 0.08 | 1.34 | 46.5 |
| 445.00 | 446.00 | 1.00 | 2570818 | 5.4 | 973.45 | 0.08 | 1.36 | 53.4 |
| 446.00 | 448.00 | 2.00 | 2570819 | 1.9 | 159.56 | 0.16 | 1.04 | 55.9 |
| 448.00 | 449.00 | 1.00 | 2570821 | 1.2 | 92.75 | 0.14 | 0.95 | 44.2 |

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# GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1025

From (m) To (m) Rocktype & Description

<<Struc: 455.3 - 457.15 Weak Fractured>> Fractured interval includes short dyke and minor veining, no gouge or obvious shearing, wk.

**456.19 457.15 ANTF Andesitic tuff grey-green MG**

456.19 - 457.15: Short andesitic tuffaceous dyke with Cl altered phenos in top of unit and Qz veining with minor Se and diss Py down unit. Sharp upper contact at 35 degrees to core axis, lower contact broken.

<<Min: 456.85 - 457.15 3% pyrite>> Coarsely diss to blebby Py in and along Qz veining.

<<Alt: 456.6 - 457.15 Weak Sericite>> Minor patchy Se alt'n within dike interval

<<Alt: 456.6 - 457.15 Moderate Quartz>> Mod Qz veining and silicification locally with associated diss Py

<<Vein: 456.85 - 457.15 10% Quartz-Pyrite>> QZ-Py veins roughly 10% of interval, strong Si content with coarse blebby Py

**457.15 549.30 GABR Gabbro green MG**

457.15 - 549.3: Massive homogenous gabbro, BI-Cl altered possibly weak serpentine. Rare Qz-Kspar veins and locally fractured and pervasively Bi altered.

<<Min: 460.8 - 461.3 1% pyrite>>

<<Min: 471.05 - 471.8 0.3% pyrite>> One small blebby occurrence of Py within a 1cm Kspar-Qz veinlet with actinolite needles and minor patchy Ep.

<<Min: 471.05 - 471.8 0.5% pyrrhotite>> Diss Po restricted to 1cm band along margin of a 10cm sheared zone.

<<Min: 474.9 - 475.2 1% pyrite>> Finely diss Py restricted within strongly foliated interval with Ca stringers

<<Min: 501.6 - 501.75 1% pyrrhotite>> Thin bands to finely diss Po along bottom margin of Qz-Kspar vein.

<<Min: 504.15 - 504.25 4% pyrrhotite>> 5mm Po band and diss. Moderate mineralization, restricted to short interval

<<Min: 528.3 - 528.58 0.5% pyrite>> Very fine grained diss Py within siliceous Ep altered zone.

<<Alt: 506.6 - 512.8 Moderate Chlorite >> Mixed interval with intermittent pervasive Cl alteration mod to strong locally

<<Alt: 528.3 - 528.58 Moderate Quartz>> Silicified interval with Ep alt'n

<<Alt: 528.3 - 528.58 Moderate Epidote-Chlorite>> Pervasive Ep restricted to short silicified interval with f.g. diss Py

<<Alt: 528.58 - 530.5 moderate to strong Biotite>> Pervasive alt'n and locally rubbled core.

<<Alt: 528.58 - 549.3 Moderate Chlorite >> Pervasive Cl overprint, possibly serpentization, alt'n decreases down unit

<<Alt: 530.5 - 549.3 Weak to moderate Biotite>> Weak patchy Bi locally moderate

<<Vein: 460.8 - 461.56 2% Quartz 39 deg. >> Two Qz-Ca-Cl/Am veins 1-1.5cm one of which contains blebby Py, lower vein is barren.

<<Vein: 501.6 - 501.75 100% Quartz 55 deg. >> Massive light pink Qz-Kspar vein with angular wall rock breccia frags and thin bands of Po along lower vein margin.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 449.00 | 450.70 | 1.70 | 2570822 | 1.6 | 238.26 | 0.08 | 0.89 | 38 |
| 450.70 | 452.00 | 1.30 | 2570823 | 2.4 | 561.97 | 0.1 | 1.26 | 36.9 |
| 452.00 | 453.50 | 1.50 | 2570824 | 0.9 | 164.69 | 0.05 | 0.81 | 40.6 |
| 453.50 | 455.00 | 1.50 | 2570826 | 1 | 164 | 0.09 | 0.77 | 35.9 |
| 455.00 | 456.19 | 1.19 | 2570827 | 0.4 | 356.9 | 0.07 | 1.11 | 47.7 |
| 456.19 | 457.15 | 0.96 | 2570828 | 5.1 | 206.99 | 0.22 | 3.6 | 79.8 |
| 457.15 | 458.00 | 0.85 | 2570829 | 1.5 | 108.49 | 0.48 | 1.52 | 58.3 |
| 458.00 | 459.00 | 1.00 | 2570831 | 0.4 | 129.52 | 0.28 | 0.88 | 49.9 |
| 459.00 | 460.00 | 1.00 | 2570832 | 6.2 | 70.12 | 0.61 | 1.07 | 49.7 |
| 460.00 | 461.60 | 1.60 | 2570833 | 2.9 | 198.61 | 0.16 | 1 | 66.1 |
| 461.60 | 463.00 | 1.40 | 2570834 | 2.2 | 296.91 | 0.06 | 0.85 | 73.3 |
| 463.00 | 465.00 | 2.00 | 2570835 | 2.6 | 319.64 | 0.05 | 1.01 | 72.8 |
| 465.00 | 467.00 | 2.00 | 2570836 | 15.3 | 169.5 | 0.05 | 1.32 | 68 |
| 467.00 | 469.00 | 2.00 | 2570837 | 11.7 | 210.54 | 0.11 | 1.22 | 58.6 |
| 469.00 | 470.95 | 1.95 | 2570838 | 6.4 | 150.83 | 0.08 | 1.13 | 61.8 |
| 470.95 | 471.80 | 0.85 | 2570839 | 7.7 | 382.85 | 0.1 | 1.91 | 53.8 |
| 471.80 | 473.00 | 1.20 | 2570840 | 7.3 | 321.48 | 0.09 | 1.86 | 61.6 |
| 473.00 | 474.70 | 1.70 | 2570841 | 16 | 331.62 | 0.19 | 1.63 | 60.2 |
| 474.70 | 475.20 | 0.50 | 2570842 | 8 | 128 | 1.44 | 6.95 | 84.4 |
| 475.20 | 477.00 | 1.80 | 2570843 | 9.5 | 483.36 | 0.06 | 2.27 | 48 |
| 477.00 | 479.00 | 2.00 | 2570844 | 19.9 | 593.91 | 0.08 | 2.82 | 50.3 |
| 479.00 | 480.00 | 1.00 | 2570846 | 41.1 | 174.58 | 0.08 | 1.52 | 46.4 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | <<Vein: 507.55 - 508.9 0.5% Quartz 50 deg. >> Vuggy pink Qz-Kspar veins with f.g. Bi alt'n halos, two veins are 4-8cm with sharp undeformed contacts. |
| | | <<Vein: 518.45 - 520.29 15% Quartz>> Vuggy Pink Qz-Kspar veins very similar to previous interval but very weak alt'n halo and veins are all broken and rubbled. |
| | | <<Vein: 528.3 - 528.58 Quartz>> Green Qz-Ep veining and alteration zone with fine diss Py. Si is more of a pervasive alteration than a vein |
| | | <<Struc: 474.95 - 475.1 Weak Sheared>> Short localized shear foliation and Ca stringers with diss Py. |
| | | <<Struc: 491.5 - 491.5 Weak Fractured>> |
| | | <<Struc: 496.6 - 497.1 Weak Fractured>> Moderately fractured interval associated with Cl and or serpentine alt'n |
| | | <<Struc: 502.1 - 503 Weak Fractured>> Moderately fractured interval with minor 1-2cm sheared friable intervals |
| | | <<Struc: 517.8 - 520.29 Weak Fractured>> Short intermittent rubbled and broken intervals often containing Qz-Kspar veins |
| | | <<Struc: 528.58 - 535.3 Weak Fractured>> Multiple short fractured intervals, with 5cm gouge at bottom of interval, weak overall no obvious shearing or significant faulting. |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 480.00 | 482.00 | 2.00 | 2570847 | 1.3 | 17.96 | 0.1 | 0.73 | 43.8 |
| 482.00 | 484.00 | 2.00 | 2570848 | 1.2 | 29.52 | 0.05 | 0.81 | 50.3 |
| 484.00 | 486.00 | 2.00 | 2570849 | 1.2 | 45.73 | 0.04 | 0.83 | 53.9 |
| 486.00 | 488.00 | 2.00 | 2570850 | 4.4 | 53.6 | 0.11 | 0.96 | 57.9 |
| 488.00 | 490.00 | 2.00 | 2570851 | 1.1 | 49.88 | 0.09 | 0.84 | 51.4 |
| 490.00 | 492.00 | 2.00 | 2570852 | 6 | 172.62 | 0.13 | 0.9 | 46.8 |
| 492.00 | 494.00 | 2.00 | 2570853 | 4.8 | 253.02 | 0.08 | 1.42 | 52.2 |
| 494.00 | 496.00 | 2.00 | 2570854 | 4.8 | 205.65 | 0.1 | 0.96 | 47.9 |
| 496.00 | 498.00 | 2.00 | 2570855 | 0.8 | 158.82 | 0.1 | 0.82 | 61.6 |
| 498.00 | 500.00 | 2.00 | 2570856 | 0.3 | 39.61 | 0.06 | 0.88 | 64.9 |
| 500.00 | 501.50 | 1.50 | 2570857 | 1.2 | 39.79 | 0.12 | 0.7 | 50.7 |
| 501.50 | 502.00 | 0.50 | 2570858 | 2.2 | 30.73 | 0.08 | 2.8 | 45.9 |
| 502.00 | 503.00 | 1.00 | 2570859 | 1.1 | 62.9 | 0.08 | 0.73 | 53.5 |
| 503.00 | 504.20 | 1.20 | 2570861 | 13.9 | 338.82 | 0.1 | 7.14 | 61.4 |
| 504.20 | 505.80 | 1.60 | 2570862 | 1.6 | 239.15 | 0.11 | 3.27 | 53.6 |
| 505.80 | 507.80 | 2.00 | 2570863 | 1.5 | 47.39 | 0.13 | 1.07 | 54.9 |
| 507.80 | 509.00 | 1.20 | 2570864 | 2.2 | 142.74 | 0.91 | 1.32 | 50.8 |
| 509.00 | 510.00 | 1.00 | 2570866 | 1.8 | 275.51 | 0.06 | 1.29 | 47.8 |
| 510.00 | 511.40 | 1.40 | 2570867 | 1.6 | 115.06 | 0.09 | 1.56 | 58.8 |
| 511.40 | 512.80 | 1.40 | 2570868 | 3.4 | 174.94 | 0.09 | 1.01 | 51.7 |
| 512.80 | 514.00 | 1.20 | 2570869 | 1.1 | 65.92 | 0.05 | 0.64 | 47.9 |
| 514.00 | 515.00 | 1.00 | 2570871 | 1.6 | 18.85 | 0.11 | 0.63 | 54.6 |
| 515.00 | 516.00 | 1.00 | 2570872 | -0.2 | 15.95 | 0.09 | 0.51 | 49.2 |
| 516.00 | 517.80 | 1.80 | 2570873 | 0.5 | 14.59 | 0.04 | 0.62 | 57.2 |
| 517.80 | 518.45 | 0.65 | 2570874 | 2.8 | 19.52 | 0.08 | 1.08 | 52.4 |
| 518.45 | 520.29 | 1.84 | 2570875 | 2.1 | 19.25 | 0.07 | 1.98 | 54.4 |
| 520.29 | 522.00 | 1.71 | 2570876 | 0.3 | 12.03 | 0.07 | 0.71 | 57.2 |
| 522.00 | 524.00 | 2.00 | 2570877 | 20.6 | 15.42 | 0.07 | 0.81 | 62.5 |
| 524.00 | 526.00 | 2.00 | 2570878 | 1 | 31.73 | 0.07 | 0.61 | 61.7 |
| 526.00 | 526.90 | 0.90 | 2570879 | 1.6 | 12.18 | 0.08 | 0.81 | 59.4 |
| 526.90 | 528.30 | 1.40 | 2570880 | 1.8 | 39.02 | 0.09 | 0.63 | 52.8 |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 528.30 | 528.90 | 0.60 | 2570881 | 3 | 279.89 | 0.1 | 1.28 | 66.2 |
| | | | 528.90 | 530.10 | 1.20 | 2570882 | 0.4 | 9.01 | 0.05 | 0.49 | 80.4 |
| | | | 530.10 | 532.00 | 1.90 | 2570883 | 0.3 | 8.25 | 0.09 | 1.45 | 45.8 |
| | | | 532.00 | 534.00 | 2.00 | 2570884 | 1.1 | 8.01 | 0.09 | 0.58 | 39 |
| | | | 534.00 | 535.00 | 1.00 | 2570886 | 0.4 | 8.35 | 0.07 | 0.69 | 55 |
| | | | 535.00 | 537.00 | 2.00 | 2570887 | -0.2 | 17.56 | 0.09 | 0.58 | 53.5 |
| | | | 537.00 | 539.00 | 2.00 | 2570888 | 1.4 | 8.81 | 0.08 | 0.59 | 49.2 |
| | | | 539.00 | 540.00 | 1.00 | 2570889 | 1 | 10.75 | 0.08 | 0.54 | 51.5 |
| | | | 540.00 | 542.00 | 2.00 | 2570890 | 0.3 | 3.62 | 0.06 | 0.77 | 47.2 |
| | | | 542.00 | 544.00 | 2.00 | 2570891 | 1.2 | 4.37 | 0.1 | 0.52 | 38.1 |
| | | | 544.00 | 545.80 | 1.80 | 2570892 | 1.6 | 4.06 | 0.09 | 0.92 | 50.9 |
| | | | 545.80 | 548.10 | 2.30 | 2570893 | 3.9 | 22.1 | 0.48 | 0.65 | 51.8 |
| | | | 548.10 | 549.30 | 1.20 | 2570894 | 2.2 | 21.81 | 0.1 | 0.94 | 48.6 |
| **549.30** | **553.82** | **BSLT Basalt grey FG**<br>549.3 - 553.82: Fine grained basalt relatively unaltered with frequent hairline fracturing. EOH | 549.30 | 550.00 | 0.70 | 2570895 | 33 | 26.8 | 3.65 | 13.74 | 60.9 |
| | | <<Min: 549.3 - 549.54 0.1% pyrite>> | 550.00 | 552.00 | 2.00 | 2570896 | 1 | 4.73 | 0.1 | 0.62 | 45.3 |
| | | <<Min: 549.3 - 549.54 0.3% pyrrhotite>> Weak mineralization along vein margins at Lith contact | 552.00 | 553.82 | 1.82 | 2570897 | 0.9 | 4.11 | 0.11 | 0.6 | 45.3 |

<<Vein: 549.3 - 549.54 60% Quartz-Carbonate>> Qz-Ca veining at what is interpreted as the contact between gabbro and basalt. Weak diss Po along bottom margin of interval. Massive unaltered veins.

<<Vein: 549.54 - 553.82 1% Quartz-Carbonate>> Frequent hairline fractures and thin Qz-Ca stringers

<<Struc: 551.5 - 551.5 Weak Fractured>> Frequent hairline fractures within weakly to unaltered basalt

**End of Hole @ 553.82**

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# GeoSpark Logger ~ Drill Log

**Project:** **Mt Milligan** **Hole Number:** **16-1026**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Prospect: | Mitzi | Hole Type: | DD | Survey Type: | GPS | Logged By: | Mike Leidl |
| Grid: | NAD83_Z10 | Hole Diameter: | | Survey By: | Mike Leidl | Date Logging Start: | 9/6/2016 |
| UTM Easting | 431076 | Core Size: | NQ | Azimuth: | 92.2 | Date Logging Complete: | 9/11/2016 |
| UTM Northing: | 6112198 | Casing Pulled?: | Yes | Dip: | -82.8 | Drill Company: | LDS |
| UTM Elev. (m): | 1121 | Casing Depth (m): | 100.58 | Length (m): | 511.15 | Drill Rig: | Rig1 |
| Local Easting: | | Stored?: | Yes | Claims Title | | Drill Started: | 9/2/2016 |
| Local Northing: | | Cemented?: | No | Core Storage Loc.: | TCM Core Shack | Drill Completed: | 9/10/2016 |
| Local Elev. (m): | | | | Hole Completed?: | Completed | Purpose: | |
| | | | | | | Parent Hole: | |

Comments:

DDH 16-1026 collared into 100 m of siliceous boulder and sand-rich overburden. From 100-231 m the hole intersects an interleaved sequence of graphitic argillite and monzonite porphyry. In the lower half of the hole, alternating intervals of andesitic and monzonitic porhyry dominate the package. Felsic monzonite porphyry units are commonly broken and faulted but contain only minor fracture-related pyrite. Graphitic argillite intervals are well mineralized with ~3-4% fracture filling Py +/-Po. Excluding the argillite units, alteration throughout the hole consists of weak to locally moderate sericite-chlorite overprint. Locallized intervals show promising signs for alkalic porphyry-style hydrothermal alteration and vein breccia, most notably between 376-381 m. However, no significant copper mineralization is observed and strongly altered zones are restricted and infrequent.

***Downhole Surveys:***

From (m) | To (m) | Rocktype & Description

## 0.00 58.50 CASE Casing/Overburden

0 - 58.5: No core. Overburden contained flowing sand and frequent large boulders. Coring was attempted on three separate occasions, but encountered flowing sand which filled the tubes. The small amounts of overburden and sand that was cored was siliceous.

## 58.50 100.58 CASE Casing/Overburden

58.5 - 100.58: Only roughly 2 m of broken drill spun pebble size rock and sand. Drillers attempted coring multiple times before hitting bedrock.

## 100.58 145.55 ANDS Andesite grey-green FMG

100.58 - 145.55: Competent, fine to medium grained andesite with tuffaceous intervals pervasive Se, locally Ab altered. Greenish-grey fine grained matrix moderate stockwork of hairline fractures, calcite healed. Weakly vuggy surfaces with diss/interstitial Ca. Mod foliated locally broken.

<<Min: 100.58 - 114.2 0.1% pyrite>> Rare diss Py, trace

<<Min: 107.12 - 107.13 0.3% magnetite>> Weakly diss Mg and trace Cp within Ab-Ca-Qz vein

<<Min: 114.2 - 114.57 0.3% pyrite>> One occurrence of fracture controlled Py with slight Ab alt'n halo

<<Min: 114.2 - 114.75 0.5% pyrrhotite>> Diss within Qz-Ca vein at top of interval with Cp, both trace amounts. Down unit in Ab altered rock mineralization slightly stronger

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 100.58 | 102.75 | 2.17 | 2570898 | 2.4 | 110.86 | 0.44 | 7.41 | 67.3 |
| 102.75 | 104.00 | 1.25 | 2570899 | 2 | 99.59 | 0.64 | 1.9 | 68 |
| 104.00 | 106.00 | 2.00 | 2570901 | 1.5 | 111.11 | 0.64 | 1.05 | 51.7 |
| 106.00 | 107.00 | 1.00 | 2570902 | 2.2 | 107.7 | 0.63 | 1.16 | 55.6 |
| 107.00 | 108.00 | 1.00 | 2570903 | 1.9 | 111.09 | 0.62 | 2.69 | 57.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | <<Min: 114.57 - 136.55 0.1% pyrite>> Weakly mineralized interval with intermittent diss/fracture controlled Py-Po trace |
| | | <<Min: 136.55 - 139.93 0.3% pyrite>> Patchy diss Py in interval with frequent patchy Ab alt'n |
| | | <<Min: 136.55 - 139.93 0.5% pyrrhotite>> Patchy diss Po |
| | | <<Min: 139.93 - 140.3 5% pyrite>> Diss Py within Qz-Ca vein 30cm and diss along lower vein margin. |
| | | <<Min: 140.3 - 145.55 0.3% pyrite>> Weak patchy Py diss/fracture controlled. |
| | | <<Alt: 100.58 - 102.75 Weak Sericite>> Weak pervasive Se overprint |
| | | <<Alt: 100.58 - 102.75 Weak Albitisation >> Weak, sparse fracture related Ab alt'n, f.g light-grey and hard. |
| | | <<Alt: 102.75 - 104 Moderate Albitisation >> Patchy/banded in upper margin to pervasive alt'n at the core. Associated with increased fracturing/veining/deformation. |
| | | <<Alt: 102.75 - 104 Weak to moderate Calcite>> Weak pervasive Ca to stringers and healed Bx/vein Bx at the core, discordant and brittle nature |
| | | <<Alt: 102.75 - 104 Weak Clay>> Minor fracture related clay alt'n. Weak to Trace |
| | | <<Alt: 104 - 110.75 Weak Sericite>> Patchy f.g soft green alt'n of rock matrix. Occasionally banded and hard with Ab+/-Qz only over a few short restricted intervals. |
| | | <<Alt: 104 - 145.55 Weak to moderate Calcite>> Fine Ca healed fractures present throughout andesite unit, locally finely diss and pervasive |
| | | <<Alt: 110.75 - 111.15 Moderate Albitisation >> Banded with rare patchy fragmental f.g grey Ab alt'n. Se is locally hardened, possibly trace amounts of pervasive Si as well. |
| | | <<Alt: 110.75 - 111.25 Moderate Sericite>> Pervasive Se overprint locally hard, weakly albitized/silicified? Interval occurs at bottom of moderately fractured interval. |
| | | <<Alt: 111.25 - 114.2 Weak to moderate Sericite>> Patchy to locally pervasive Se |
| | | <<Alt: 112.85 - 113.1 Moderate Albitisation >> Pervasive Ab interval, slight grey colouration and reduced Se locally |
| | | <<Alt: 114.2 - 114.5 Moderate Albitisation >> Pervasive to banded where Qz-Ca veining occurs. |
| | | <<Alt: 114.2 - 114.5 Weak to moderate Quartz>> Qz-Ca veining in top 10cm of interval with weakly pervasive Si extending below within Ab altered andesite. |
| | | <<Alt: 114.5 - 147.35 Moderate Sericite>> Weak to moderate pervasive homogenous Se overprint. With locally Si-Ab altered intervals |
| | | <<Alt: 124 - 124.35 Weak to moderate Biotite>> F.g pervasive Bi discolouring rock brownish-black. Rare throughout andesite unit. |
| | | <<Alt: 125.5 - 125.9 Weak to moderate Albitisation >> Pervasive f.g tan-grey alteration of andesite groundmass. Loss of vuggy surface on core due to increased hardness. Minor amounts of Si |
| | | <<Alt: 126.8 - 127.4 Weak to moderate Albitisation >> Pervasive f.g tan-grey alteration of andesite groundmass. Loss of vuggy surface on core due to increased hardness. Minor amounts of Si |
| | | <<Alt: 128.9 - 129.55 Weak Albitisation >> Pervasive f.g tan-grey alteration of andesite groundmass, weaker than previous intervals. Weak vuggy texture on surface of core still present. |
| | | <<Alt: 136.55 - 145.55 Weak Albitisation >> Short intermittent Ab altered intervals and stringers/bands commonly associated with weak Py+/- Po |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 108.00 | 110.00 | 2.00 | 2570904 | 1.7 | 107.04 | 0.5 | 1.21 | 48.9 |
| 110.00 | 110.75 | 0.75 | 2570906 | 1.7 | 111.81 | 0.55 | 0.94 | 58.4 |
| 110.75 | 111.25 | 0.50 | 2570907 | 3.5 | 100.62 | 0.46 | 1.67 | 56.3 |
| 111.25 | 112.70 | 1.45 | 2570908 | 2.1 | 112.52 | 0.42 | 1.1 | 54.7 |
| 112.70 | 114.20 | 1.50 | 2570909 | 1.5 | 99.23 | 0.35 | 1.21 | 53.2 |
| 114.20 | 114.90 | 0.70 | 2570911 | 1.6 | 80.52 | 0.5 | 2.07 | 52.9 |
| 114.90 | 116.90 | 2.00 | 2570912 | 0.5 | 83.98 | 0.4 | 1.6 | 54.7 |
| 116.90 | 117.90 | 1.00 | 2570913 | 0.5 | 84.57 | 0.55 | 1.16 | 51.1 |
| 117.90 | 119.45 | 1.55 | 2570914 | -0.2 | 91.79 | 0.33 | 1.42 | 41.8 |
| 119.45 | 121.45 | 2.00 | 2570915 | 0.6 | 94.51 | 0.34 | 1.4 | 43.6 |
| 121.45 | 123.45 | 2.00 | 2570916 | 1.1 | 101.35 | 0.26 | 1.65 | 43.2 |
| 123.45 | 124.35 | 0.90 | 2570917 | 1.5 | 70.03 | 0.47 | 1.59 | 53.1 |
| 124.35 | 125.40 | 1.05 | 2570918 | 0.4 | 99.28 | 0.36 | 1.02 | 40.6 |
| 125.40 | 126.00 | 0.60 | 2570919 | 1.5 | 92.15 | 0.34 | 1.58 | 53.6 |
| 126.00 | 127.40 | 1.40 | 2570920 | 1.5 | 101.51 | 0.35 | 1.54 | 55.8 |
| 127.40 | 128.90 | 1.50 | 2570921 | 0.9 | 97.7 | 0.34 | 1.51 | 42.7 |
| 128.90 | 129.65 | 0.75 | 2570922 | 1.4 | 90.35 | 0.77 | 3 | 45.9 |
| 129.65 | 131.00 | 1.35 | 2570923 | 0.9 | 101.88 | 0.35 | 1.91 | 49.8 |
| 131.00 | 133.00 | 2.00 | 2570924 | 1 | 97.37 | 0.83 | 1.27 | 42.4 |
| 133.00 | 135.00 | 2.00 | 2570926 | 1.1 | 95.67 | 0.33 | 1.34 | 41 |
| 135.00 | 136.55 | 1.55 | 2570927 | 1.9 | 99.46 | 0.34 | 1.21 | 48.3 |
| 136.55 | 137.55 | 1.00 | 2570928 | 3.3 | 111.99 | 0.41 | 1.43 | 48.4 |
| 137.55 | 138.55 | 1.00 | 2570929 | 3.2 | 97.76 | 1.43 | 2.03 | 46 |
| 138.55 | 139.80 | 1.25 | 2570930 | 1.4 | 78.68 | 0.27 | 1.66 | 27.6 |

From (m) | To (m) | Rocktype & Description

<<Vein: 102.85 - 104 10% Quartz-Carbonate 62 deg. >> Multiple phases of discordant stockwork fracturing and veining with a 10cm core of strongly angular vein breccia. Interval is only locally broken and is pervasively Ab altered.

<<Vein: 107.12 - 107.13 100% Quartz-Carbonate 76 deg. >> Very fine grained Ca-Ab+/-Qz vein light grey-tan colour. Very finely diss Mg and trace Cp.

<<Vein: 113.2 - 113.3 75% Quartz-Carbonate 85 deg. >> Qz-Ca veining in locally Ab altered rock. Nearly perpendicular to core axis. Ca appears weakly fragmented and adjacent rocks are weakly silicified. Trace diss Po-Cp

<<Vein: 139.93 - 140.23 95% Quartz-Carbonate-Sulphide 29 deg. >> Massive NOD Qz-Ca-Py vein, sharp contacts and ~5% diss Py within and adjacent to vein margins

<<Struc: 102.85 - 104 Moderate Brecciated >> Strongly fractured interval with core of angular vein breccia. Pervasive Ab-Ca-Cy alt'd with multiple phases of discordant brittle fracturing.

<<Struc: 110 - 110.75 Weak Fractured>> Moderately fractured, no gouge or veining. Interval followed by 30cm zone of Ab-Se-Si alt'n.

<<Struc: 121.5 - 121.5 Weak Foliated>> Moderately foliated andesite

<<Struc: 124.24 - 124.24 Weak Foliated>> Mod foliated andesite

### 145.55 147.35 ANDS Andesite grey-green CG

145.55 - 147.35: Moderately silicified and pervasively Ca altered, brecciated lower margin of andesite. Similar phenochryst-rich lapilli size texture observed in massive andesite unit but rare and only over short intervals with pervasive Ca alteration. Here unit has frequent angular clasts up to 6 cm and are commonly albitized and or silicified.

<<Min: 145.55 - 147.35 1% pyrite>> Mainly fracture filling Py +/- Po trace.

<<Alt: 145.55 - 147.35 Moderate Quartz>> Pervasively silicified breccia

<<Alt: 145.55 - 147.35 Moderate Calcite>> Pervasive interstitial Ca within clast supported volcaniclastic-breccia.

<<Alt: 145.55 - 147.35 Moderate Albitisation >> Weakly pervasive but commonly strongest in form of altered fragments commonly zoned when large 2-6cm pale cream rim with darker grey core.

### 147.35 154.70 ARGC Calcareous graphitic argillite black VFG

147.35 - 154.7: Very fine grained, black, laminated/banded graphitic argillite ~12% grey calcareous bands commonly 5-8 mm with stockwork Ca healed hairline fractures and diss/fracture controlled Py 2-3% lesser Po.

<<Min: 147.35 - 157.35 2.5% pyrite>> Occurring as fracture filling/disseminated and less commonly as stringers. Mineralization persistent across short felsic intrusion.

<<Min: 147.35 - 157.35 0.5% pyrrhotite>> Occurring infrequently as diss bands within argillite and minor fracture filling near bottom of interval.

<<Alt: 147.35 - 157.35 Moderate Calcite>> Ca alteration persistent across lith boundaries, banded to bedded in argillite and pervasive within and adjacent to short felsic intrusion. Ca also occurring in stockwork healed fractures.

<<Struc: 153.5 - 153.5 Weak Foliated>> Foliation/bedding plane within argillite

### 154.70 155.10 MNDR Monzodiorite

154.7 - 155.1: Short fine grained felsic intrusion, grey siliceous matrix with pervasive Ca alteration hosted within massive graphitic and calcareous argillite. Late, sharp contacts contains lithic frag of argillite in upper margin.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 139.80 | 140.40 | 0.60 | 2570931 | 8 | 31.31 | 0.45 | 12.36 | 65.2 |
| 140.40 | 142.40 | 2.00 | 2570932 | 1.3 | 92.44 | 0.36 | 2.79 | 35 |
| 142.40 | 144.00 | 1.60 | 2570933 | 9.8 | 95.49 | 0.52 | 4.91 | 40.6 |
| 144.00 | 145.55 | 1.55 | 2570934 | 2.5 | 105.07 | 0.89 | 2.09 | 39.7 |
| 145.55 | 147.35 | 1.80 | 2570935 | 6.8 | 87.18 | 3.12 | 2.79 | 55 |
| 147.35 | 149.00 | 1.65 | 2570936 | 0.7 | 62.05 | 20.09 | 13.35 | 80 |
| 149.00 | 151.00 | 2.00 | 2570937 | 0.6 | 67.66 | 46.53 | 15.8 | 100.8 |
| 151.00 | 152.00 | 1.00 | 2570938 | 0.5 | 65.01 | 39.85 | 21.01 | 98.8 |
| 152.00 | 153.50 | 1.50 | 2570939 | -0.2 | 65.41 | 30.18 | 20.94 | 205 |
| 153.50 | 154.70 | 1.20 | 2570941 | 0.4 | 62.68 | 2.9 | 11.69 | 183.2 |
| 154.70 | 155.10 | 0.40 | 2570942 | 0.9 | 25.81 | 1.34 | 4.15 | 61.7 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Struc: 154.7 - 154.7 Weak contact>> Hanging wall contact of felsic intrusion

**155.10 157.35 ARGC Calcareous graphitic argillite black VFG**

155.1 - 157.35: Same as argillite unit above

**157.35 163.80 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke dark grey FG**

157.35 - 163.8: Felsic plagioclase-quartz porphyry strongly broken consisting of fine grained siliceous dark blue-grey matrix with 10-15% 5-8 mm feldspar and rare quartz phenocrysts commonly white to slightly pale, transparent green colour.

<<Min: 163.55 - 188.45 3.5% pyrite>> Fracture filling/diss/veined Py persistent throughout interval and across lithologies extending briefly into late felsic porphyry at bottom.

<<Min: 163.55 - 188.45 0.5% pyrrhotite>> Less commonly occurring diss Po

<<Alt: 157.35 - 163.8 Weak Sericite>> Slight green colouration of some phenos within felsic porphyry and locally within matrix, possibly part of regional Se overprint? Later felsic intrusion=weaker overprint?

<<Alt: 157.35 - 163.8 Weak to moderate Calcite>> Fracture related Ca within a strongly broken felsic intrusion

<<Struc: 157.35 - 163.8 moderate to strong Fault zone>> Moderate to strongly fractured felsic porphyry, brittle rubbled core locally Ca altered.

**163.80 173.80 ARGC Calcareous graphitic argillite black VFG**

163.8 - 173.8: Similar to previous argillite unit but here calcareous intervals are larger occurring as 10-20 cm bands ~20% overall. Minor quartz-Ca veining near to of interval and locally broken. Diss/fracture controlled Py 3-4%.

<<Alt: 163.8 - 173.8 Moderate Calcite>> Banded and locally pervasive within calcareous argillite intervals commonly as 5mm bands locally 20cm but rare

<<Struc: 169.26 - 169.26 Weak Foliated>> Foliation/bedding plane with argillite

<<Struc: 171.6 - 171.6 Weak Foliated>> Foliation/bedding plane with argillite

**173.80 175.00 MNDR Monzodiorite light grey MG**

173.8 - 175: Medium grained siliceous felsic dyke consisting of crowded feldspar crystals within siliceous matrix. Diss/fracture filling Py and Po within. Sharp contacts cut argillite bedding/foliation planes.

**175.00 184.10 ARGC Calcareous graphitic argillite black VFG**

175 - 184.1: Similar to previous graphitic calcareous argillite units with stockwork Ca healed fracturing but stronger locally, commonly offset by later discordant micro faulting

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 155.10 | 156.10 | 1.00 | 2570943 | 6.3 | 57.61 | 2.96 | 10.21 | 109.7 |
| 156.10 | 157.35 | 1.25 | 2570944 | 0.8 | 64.07 | 6.46 | 13.92 | 219.2 |
| 157.35 | 158.00 | 0.65 | 2570946 | 2.3 | 5.2 | 0.25 | 11.69 | 95 |
| 158.00 | 160.00 | 2.00 | 2570947 | 4.4 | 4.68 | 0.19 | 10.74 | 79.7 |
| 160.00 | 162.00 | 2.00 | 2570948 | 2.8 | 3.78 | 0.11 | 11.83 | 80.6 |
| 162.00 | 163.80 | 1.80 | 2570949 | 5.5 | 7.47 | 0.8 | 14.38 | 84.5 |
| 163.80 | 165.80 | 2.00 | 2570951 | 2.1 | 55.72 | 2.61 | 18.1 | 100.1 |
| 165.80 | 167.80 | 2.00 | 2570952 | 0.9 | 56.74 | 6.21 | 10.81 | 213.4 |
| 167.80 | 168.80 | 1.00 | 2570953 | 0.8 | 66.7 | 4.03 | 7.93 | 170 |
| 168.80 | 169.80 | 1.00 | 2570954 | 1.4 | 57.06 | 4.51 | 8.47 | 195.3 |
| 169.80 | 171.80 | 2.00 | 2570955 | -0.2 | 64.18 | 6.33 | 9.25 | 130.3 |
| 171.80 | 173.80 | 2.00 | 2570956 | 0.2 | 69.64 | 20.81 | 9.4 | 122 |
| 173.80 | 175.00 | 1.20 | 2570957 | 0.7 | 60.66 | 3.77 | 5.33 | 76.1 |
| 175.00 | 176.00 | 1.00 | 2570958 | 0.4 | 69.23 | 35.9 | 18.85 | 79.3 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Alt: 175 - 188.35 Moderate Calcite>> Banded but also occurring as breccia matrix and fracture filling. Pervasive across short felsic intrusion.

<<Vein: 178.92 - 181.92 10% Calcite>> Stockwork of brittle highly discordant Ca healed fracturing with occasional Qz-Ca veins (minor)

<<Struc: 178 - 182.1 Weak to moderate Fractured>> Stockwork of highly discordant brittle fracturing commonly offset by later stages of micro faulting. Fracture network Ca healed core is locally brecciated and friable with minor Ca healed breccia 178.9-179.6

### 184.10 184.60 MNDR Monzodiorite light grey FG

184.1 - 184.6: Fine grained felsic intrusion, likely an offshoot of massive Monzonite porphyry below. Dyke contains 1cm quartz-Ca vein at 15 degrees TCA with coarse disseminated Py 2-3%.

### 184.60 188.35 ARGC Calcareous graphitic argillite

184.6 - 188.35: Similar to previous units with less calcite healed fracturing and minor thin bands of grey calcareous intervals ~5%.

### 188.35 197.58 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke

188.35 - 197.58: Same as previous felsic plagioclase porphyry but not as strongly and pervasively broken/faulted here.

<<Alt: 188.35 - 197.58 Weak Clay>> Minor clay altered intervals within strongly broken felsic porphyry. Clay FLT gouge in two places 5-10cm wide.

<<Struc: 188.35 - 195.9 Weak to moderate Fault zone>> Broken brittle fracturing and locally gouged felsic porphyry.

### 197.58 204.80 ARGC Calcareous graphitic argillite

197.58 - 204.8: Competent to locally broken graphitic argillite. Core of unit contains broken rubbly core to Ca healed breccia. Cut by short felsic intrusive at base of unit. Fracture controlled Py-Po 3-4%

<<Min: 197.58 - 204.8 2% pyrite>>

<<Min: 197.58 - 204.8 1% pyrrhotite>>

<<Alt: 197.58 - 204.8 Weak to moderate Calcite>> Banded Ca and also occurring as breccia matrix locally, pervasive at 202m for 20cm

<<Struc: 200.7 - 202.4 Weak to moderate Fault zone>> Locally broken rubble core to strongly fractured but competent argillite. 20cm of Ca healed strongly angular jig-saw type breccia at top of interval

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 176.00 | 178.00 | 2.00 | 2570959 | -0.2 | 70.46 | 36.59 | 22.92 | 100.7 |
| 178.00 | 180.00 | 2.00 | 2570960 | -0.2 | 58.77 | 32.31 | 17.84 | 99 |
| 180.00 | 181.90 | 1.90 | 2570961 | 1.5 | 55.81 | 7.25 | 12 | 129.1 |
| 181.90 | 183.00 | 1.10 | 2570962 | -0.2 | 54.68 | 10.43 | 13.39 | 122.3 |
| 183.00 | 184.10 | 1.10 | 2570963 | 0.5 | 68.58 | 15.31 | 15.66 | 124 |
| 184.10 | 184.60 | 0.50 | 2570964 | 0.7 | 62.56 | 5.7 | 6.09 | 75.8 |
| 184.60 | 186.60 | 2.00 | 2570966 | 0.8 | 69.13 | 30.92 | 24.37 | 99.6 |
| 186.60 | 188.35 | 1.75 | 2570967 | -0.2 | 63.54 | 29.01 | 17.52 | 105.8 |
| 188.35 | 190.00 | 1.65 | 2570968 | 1.2 | 12.48 | 1.16 | 11.39 | 85.7 |
| 190.00 | 191.25 | 1.25 | 2570969 | 0.7 | 8.97 | 0.27 | 6.83 | 79.7 |
| 191.25 | 193.00 | 1.75 | 2570971 | 1.7 | 7.58 | 0.16 | 10.39 | 83.4 |
| 193.00 | 195.00 | 2.00 | 2570972 | -0.2 | 7.5 | 0.18 | 8.06 | 85.1 |
| 195.00 | 196.50 | 1.50 | 2570973 | 0.9 | 8.64 | 0.35 | 8.08 | 76.7 |
| 196.50 | 197.58 | 1.08 | 2570974 | 1.8 | 11.2 | 0.68 | 7.15 | 80.8 |
| 197.58 | 199.00 | 1.42 | 2570975 | -0.2 | 55.62 | 8.81 | 14.58 | 232.7 |
| 199.00 | 200.40 | 1.40 | 2570976 | 0.3 | 53.36 | 21.15 | 9.32 | 91 |
| 200.40 | 202.30 | 1.90 | 2570977 | -0.2 | 63.04 | 5.51 | 8.4 | 186 |
| 202.30 | 203.30 | 1.00 | 2570978 | 0.7 | 66.8 | 7.54 | 11.84 | 320.8 |
| 203.30 | 204.80 | 1.50 | 2570979 | 0.8 | 63.49 | 6.93 | 11.95 | 167.5 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

### 204.80 206.25 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-brown

204.8 - 206.25: Felsic monzonite plagioclase-quartz porphyry, competent and strongly siliceous.

<<Min: 204.8 - 206.25 0.3% pyrite>> Weakly diss within felsic intrusion.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 204.80 | 206.25 | 1.45 | 2570981 | 0.3 | 12.28 | 0.68 | 6.27 | 76.5 |

### 206.25 208.30 ARGC Calcareous graphitic argillite

206.25 - 208.3: Competent graphitic argillite, siliceous with fracture controlled Py-Po 3%

<<Min: 206.25 - 208.9 1% pyrite>>

<<Min: 206.25 - 208.9 0.3% pyrrhotite>>

<<Alt: 206.25 - 208.3 Weak to moderate Calcite>>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 206.25 | 207.25 | 1.00 | 2570982 | 0.5 | 66.78 | 13.48 | 13.48 | 138.9 |
| 207.25 | 208.30 | 1.05 | 2570983 | -0.2 | 68.48 | 9.49 | 8.47 | 151 |

### 208.30 210.65 MNDR Monzodiorite grey FMG

208.3 - 210.65: Mixed interval of felsic-intermediate dykes and graphitic argillite. Py-Po mineralization throughout. Uppermost dyke is strongly siliceous with interstitial calcite giving it the appearance of silicified sand granules. Ab-Se alteration of lower dyked intervals give core fractured vuggy texture. Possibly different intrusions more likely proximal variation in alteration and fluids.

<<Min: 208.3 - 208.9 0.01% arsenopyrite>> Very fine trace amounts of diss As within felsic intrusion

<<Min: 208.9 - 210.65 3% pyrite>> Very fine pervasive dusting of Py along with fracture filling forms of mineralization

<<Min: 208.9 - 210.65 2% pyrrhotite>> Similar to Py mineralization where Po occurs bimodally as a fine dissemination and fracture filling

<<Alt: 208.3 - 208.9 Moderate Quartz>> Silicified intrusion, has appearance of consolidated welded sand granules

<<Alt: 208.3 - 209.4 Moderate Calcite>> Pervasive through felsic intrusions and argillite.

<<Alt: 209.4 - 210 Weak Albitisation >> Patchy Ab alt'n of intermediate intrusion, with vuggy surface

<<Alt: 210 - 221 Moderate Calcite>> More finely laminated sequence of argillite, calcareous bands are more frequent and rock appears striped.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 208.30 | 208.90 | 0.60 | 2570984 | 0.9 | 57.33 | 2.08 | 4.52 | 89.6 |
| 208.90 | 210.00 | 1.10 | 2570986 | 1.1 | 52.84 | 1.72 | 5.42 | 94.4 |
| 210.00 | 210.65 | 0.65 | 2570987 | 0.6 | 49.91 | 3.8 | 5.31 | 103.6 |

### 210.65 221.00 ARGC Calcareous graphitic argillite

210.65 - 221: Graphitic argillite with more frequent laminations of calcareous bands giving interval strongly striped appearance. Minor discordant almost axial planar stockwork fracturing, Ca healed. Py-Po 3-4%.

<<Min: 210.65 - 221 1.5% pyrite>>

<<Min: 210.65 - 221 0.5% pyrrhotite>>

<<Struc: 211.4 - 211.4 Weak Foliated>> Foliation/calcareous bedding plane with argillite

<<Struc: 219.06 - 219.06 Weak Foliated>> Foliation/calcareous bedding plane with argillite

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 210.65 | 212.65 | 2.00 | 2570988 | -0.2 | 65.62 | 3.68 | 6.11 | 211.1 |
| 212.65 | 214.30 | 1.65 | 2570989 | -0.2 | 70.55 | 4.21 | 6.06 | 229.2 |
| 214.30 | 215.30 | 1.00 | 2570991 | 1 | 60.46 | 2.35 | 6.63 | 171.1 |
| 215.30 | 217.30 | 2.00 | 2570992 | -0.2 | 68.47 | 3.64 | 7.63 | 161.6 |
| 217.30 | 219.30 | 2.00 | 2570993 | -0.2 | 69.41 | 12.72 | 7.88 | 106.4 |
| 219.30 | 221.00 | 1.70 | 2570994 | 0.4 | 75.8 | 13.41 | 7.71 | 80.4 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

## 221.00 225.13 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-brown

221 - 225.13: Locally broken monzonite porphyry with 2-5 mm feldspar phenocrysts within siliceous grey-brown matrix. Angular brittle fracturing where pervasive silicification has replaced white feldspar phenocrysts and groundmass. Patchy Ab-Se alteration as well.

<<Alt: 221 - 225.13 Weak Sericite>>

<<Alt: 221 - 225.13 Weak to moderate Quartz>> Pervasive locally replacing phenos and groundmass, rock often broken and rubbly

## 225.13 231.00 ARGC Calcareous graphitic argillite

225.13 - 231: Competent graphitic argillite stockwork of hairline calcite healed brittle/extensional fracturing increases down unit. Interleaved with underlying felsic volcanics. Decreased mineralization Py-Po 1-2%

<<Min: 225.13 - 231 0.5% pyrite>> Notably weaker mineralized argillite compared to previous units.

<<Min: 225.13 - 231 0.5% pyrrhotite>>

<<Alt: 225.13 - 231 Weak to moderate Calcite>> Mainly fracture filling Ca through argillite only minor calcareous bands.

## 231.00 241.45 ANDS Andesite leucocratic FG

231 - 241.45: Strongly albitized and locally clay altered fine grained andesite. Protolith was likely more porphyritic but alteration has completely obliterated original texture. Rock is a homogenous pale grey colour.

<<Min: 231 - 278.4 0.3% pyrite>> Weak patchy diss Py, very minor barely visible, also occurring along fractures

<<Min: 231 - 278.4 0.1% pyrrhotite>> Trace Po

<<Alt: 231 - 231.45 Weak to moderate Clay>> Soft pale grey clay alteration occurs intermittently in same unit below.

<<Alt: 231 - 242 Weak to moderate Calcite>> Pervasive Ca alt'n giving rocks pale fuzzy white colour when dry.

<<Alt: 231.8 - 242 Moderate Albitisation >> Pervasive albitization, overprinting original texture, homogenous and f.g

<<Alt: 237.4 - 238 Moderate Clay>>

<<Alt: 240.1 - 241.3 Moderate Clay>>

<<Struc: 231 - 231 Weak contact>> Contact between graphitic argillite and intermediate volcanics

## 241.45 254.10 ANLT Andesite lapilli tuff green-brown MG

241.45 - 254.1: Plagioclase phyric andesitic crystal tuff variably altered groundmass greenish grey to brown with sparse 1-2 mm feldspar phenos common and minor actinolite and hornblende. Locally broken and short silicified interval at top of unit.

<<Alt: 242 - 242.62 Moderate Quartz>> Silicified interval, brittle axial planar fractures

<<Alt: 242.62 - 245.4 Weak to moderate Biotite>> Bi alt'n of groundmass

<<Alt: 245.4 - 246.5 Moderate Quartz>> Silicification is pervasive

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 221.00 | 223.00 | 2.00 | 2570995 | 0.4 | 10.6 | 0.48 | 7.93 | 73.9 |
| 223.00 | 224.00 | 1.00 | 2570996 | 1.7 | 7.99 | 0.16 | 8.41 | 83.9 |
| 224.00 | 225.13 | 1.13 | 2570997 | 2 | 8.82 | 0.27 | 9.32 | 72.8 |
| 225.13 | 227.00 | 1.87 | 2570998 | -0.2 | 72.6 | 21.98 | 27.19 | 162.4 |
| 227.00 | 229.00 | 2.00 | 2570999 | -0.2 | 69.77 | 24.92 | 10.86 | 250.3 |
| 229.00 | 230.00 | 1.00 | 2571000 | -0.2 | 66.85 | 33.29 | 17.98 | 57 |
| 230.00 | 231.00 | 1.00 | 2571001 | 1.3 | 58.81 | 19.43 | 21.26 | 88.9 |
| 231.00 | 231.80 | 0.80 | 2571002 | 1 | 56.88 | 14.53 | 32 | 114.3 |
| 231.80 | 233.00 | 1.20 | 2571003 | 6.3 | 170.95 | 2.19 | 8 | 90.4 |
| 233.00 | 234.34 | 1.34 | 2571004 | 2 | 236.97 | 2.29 | 6.78 | 65.4 |
| 234.34 | 236.00 | 1.66 | 2571006 | 0.7 | 39.97 | 1.51 | 11.45 | 77.1 |
| 236.00 | 237.40 | 1.40 | 2571007 | 6.7 | 7.55 | 0.3 | 11.54 | 64.2 |
| 237.40 | 238.00 | 0.60 | 2571008 | 7.9 | 10.42 | 0.17 | 8.45 | 100.8 |
| 238.00 | 240.00 | 2.00 | 2571009 | 5.7 | 11.5 | 0.26 | 9.51 | 59.7 |
| 240.00 | 241.45 | 1.45 | 2571010 | 8 | 34.68 | 1.79 | 5.5 | 38.3 |
| 241.45 | 242.62 | 1.17 | 2571011 | 0.3 | 25.28 | 3.69 | 8.41 | 64.2 |
| 242.62 | 244.00 | 1.38 | 2571012 | 0.9 | 148.44 | 1.9 | 4.7 | 54.9 |
| 244.00 | 245.40 | 1.40 | 2571013 | 0.8 | 141.53 | 1.43 | 4.75 | 72.4 |
| 245.40 | 246.50 | 1.10 | 2571014 | -0.2 | 147.55 | 2.58 | 4.52 | 68.4 |

From (m) To (m) Rocktype & Description

<<Alt: 246.5 - 247.6  Moderate Clay>>    Pervasively clay altered, fracture related with some silicified fragments floating in friable rock

<<Alt: 247.3 - 248.7  Weak to moderate Biotite>>

<<Alt: 248.7 - 252.3  Moderate Sericite>>    Se overprint of f.g groundmass and feldspar phenos

<<Alt: 252.3 - 253.6  Weak to moderate Quartz>>

<<Vein: 250.25 - 250.66  20% Calcite 10 deg. >>    4cm Ca vein at low angle to core axis with undulating, weakly colliform margin

<<Struc: 246.5 - 248.5  Weak to moderate Fractured>>    Locally fractured intervals weak to moderate with pervasive clay alteration

**254.10  281.30  APFW    Pyroxene Andesite Porphyry Flow    grey-green    MCG**

254.1 - 281.3: 10-15% white to pale green (Se altered) feldspar phenos but weakly pyroxene porphyritic. Fine grained dark grey-green matrix often silicified. Rock unit appears to have early Se/Bi alt'n overprints and silicification is interpreted as late. Frequent Qz-Ca discordant stockwork veinlets and fractures.

<<Min: 278.4 - 278.8  1% pyrrhotite>>    Diss Po restricted to short interval one blebby occurrence.

<<Min: 278.8 - 303  0.1% pyrite>>    Weak diss Py, often along broken faces

<<Alt: 254.1 - 265.7  Moderate Quartz>>

<<Alt: 265.7 - 281.3  Weak to moderate Quartz>>    Not as pervasively siliceous as previous interval. Here is mixed with patchy Bi-Se-Cy altered intervals.

<<Alt: 265.7 - 281.3  Weak Biotite>>    Weak alt'n of groundmass, patchy

<<Alt: 265.7 - 294.3  Weak Sericite>>    Often replacing/overprinting pyroxene +/- plag phenos

<<Struc: 254.3 - 254.3  Weak Fractured>>    Fracturing of rock unit at low angle to core axis

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 246.50 | 247.60 | 1.10 | 2571015 | 7.5 | 203.65 | 1.81 | 8.27 | 70.8 |
| 247.60 | 248.70 | 1.10 | 2571016 | 0.3 | 164.34 | 0.93 | 6.15 | 62.5 |
| 248.70 | 250.00 | 1.30 | 2571017 | -0.2 | 174.35 | 0.56 | 3.92 | 39.3 |
| 250.00 | 250.50 | 0.50 | 2571018 | 1.1 | 125.94 | 4.3 | 5.12 | 30.8 |
| 250.50 | 252.30 | 1.80 | 2571019 | 1.3 | 182.65 | 1.26 | 4.67 | 45.4 |
| 252.30 | 253.60 | 1.30 | 2571021 | -0.2 | 160.71 | 0.56 | 4.29 | 48.9 |
| 253.60 | 254.10 | 0.50 | 2571022 | -0.2 | 163.78 | 0.43 | 3.93 | 50.9 |
| 254.10 | 255.10 | 1.00 | 2571023 | 2.2 | 178.24 | 4.41 | 6.56 | 53.7 |
| 255.10 | 257.10 | 2.00 | 2571024 | -0.2 | 233.25 | 3.99 | 6.92 | 58.6 |
| 257.10 | 259.10 | 2.00 | 2571026 | -0.2 | 174.41 | 0.39 | 5.33 | 59.7 |
| 259.10 | 261.10 | 2.00 | 2571027 | -0.2 | 126.6 | 2.4 | 6.03 | 57 |
| 261.10 | 263.10 | 2.00 | 2571028 | 0.6 | 187.36 | 4.94 | 5.57 | 57.3 |
| 263.10 | 264.60 | 1.50 | 2571029 | -0.2 | 167.13 | 1.17 | 5.07 | 60.1 |
| 264.60 | 265.70 | 1.10 | 2571031 | -0.2 | 145.65 | 1.27 | 4.47 | 54.3 |
| 265.70 | 266.30 | 0.60 | 2571032 | -0.2 | 173.08 | 2.06 | 4.9 | 54.2 |
| 266.30 | 268.30 | 2.00 | 2571033 | 0.9 | 170.27 | 6.34 | 5.36 | 48.1 |
| 268.30 | 269.90 | 1.60 | 2571034 | 0.7 | 134.34 | 0.21 | 4.51 | 49 |
| 269.90 | 271.00 | 1.10 | 2571035 | 0.6 | 149.78 | 1.21 | 3.76 | 45.6 |
| 271.00 | 273.00 | 2.00 | 2571036 | 0.5 | 180.91 | 1.64 | 5.4 | 54.8 |
| 273.00 | 274.80 | 1.80 | 2571037 | 2 | 263.92 | 2.05 | 7.19 | 60 |
| 274.80 | 276.80 | 2.00 | 2571038 | 0.8 | 184.37 | 0.52 | 6.54 | 49.2 |
| 276.80 | 278.00 | 1.20 | 2571039 | 1.6 | 149.09 | 0.75 | 5.76 | 53.5 |
| 278.00 | 278.80 | 0.80 | 2571040 | 1.3 | 159.97 | 1.32 | 6.09 | 46.4 |
| 278.80 | 279.80 | 1.00 | 2571041 | 1.9 | 110.01 | 0.91 | 5.76 | 51.6 |
| 279.80 | 281.30 | 1.50 | 2571042 | 2.4 | 244.04 | 0.99 | 5.79 | 56.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

## 281.30 282.36 APFW Pyroxene Andesite Porphyry Flow FMG

281.3 - 282.36: Strongly silicified interval of andesite plagioclase porphyry with patchy Ab alt'n. Phenos are Cl replaced within albite altered intervals. Unit is crosscut by stockwork of discordant fractures and veinlets often with transparent white halos.

<<Alt: 281.3 - 282.36 moderate to strong Quartz>> Pervasively silicified interval with stockwork discordant fractures/veinlets with transparent pale halos and patchy Ab alt'n

<<Alt: 281.3 - 282.36 Weak to moderate Albitisation >> Phenos within Ab altered patches are replaced Cl alt'n, slightly darker than Se overprint seen elsewhere

<<Vein: 281.3 - 282.36 2% Quartz>> Silicified interval with patchy albitized zones. No distinct obvious veining rather contorted interstitial fluid flow. Thing stockwork fracturing is common with transparent pale white halos. Silicified/altered fracture network?

## 282.36 294.30 APFW Pyroxene Andesite Porphyry Flow green-brown MG

282.36 - 294.3: Andesite plagioclase porphyry, 1-3 mm, white plagioclase phenos 10-12% commonly lath shaped and clustered. Pyroxenes are pervasively altered by Se and camouflaged within f.g matrix. Competent but locally fractured and clay altered.

<<Alt: 284.88 - 287.17 Weak to moderate Clay>> Locally fractured interval, core is mostly competent with clay alteration along penetrative fracturing.

<<Alt: 287.17 - 294.3 Weak Sericite>> Weak selective overprint of phenocrysts

<<Struc: 284.88 - 287.17 Weak Fractured>> Fractured and weakly brecciated interval with clay alteration.

## 294.30 297.73 APFW Pyroxene Andesite Porphyry Flow grey-green

294.3 - 297.73: Fractured and faulted interval of andesite porphyry. Pervasive Cy-Se altered

<<Alt: 294.3 - 297.73 Weak to moderate Sericite>> Pervasive overprint of f.g matrix

<<Alt: 294.3 - 297.73 Moderate Clay>> Clay altered fault zone with locally rubbly core

<<Struc: 294.3 - 296.3 Weak to moderate Fault zone>> Faulted fractured interval with broken rubbled core and clay alteration.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 281.30 | 282.36 | 1.06 | 2571043 | 1.6 | 122.36 | 3.83 | 9.25 | 43.3 |
| 282.36 | 283.36 | 1.00 | 2571044 | 1.8 | 194.48 | 0.48 | 4.02 | 52.2 |
| 283.36 | 284.88 | 1.52 | 2571046 | 1.1 | 171.95 | 0.67 | 4.32 | 51.6 |
| 284.88 | 286.10 | 1.22 | 2571047 | 0.8 | 166.3 | 1.75 | 5.23 | 55.6 |
| 286.10 | 287.17 | 1.07 | 2571048 | 1 | 120.33 | 0.75 | 5.72 | 53.7 |
| 287.17 | 288.10 | 0.93 | 2571049 | 1.1 | 139.5 | 0.37 | 5.15 | 50.7 |
| 288.10 | 289.00 | 0.90 | 2571050 | 2.2 | 221.25 | 10.86 | 5.84 | 52.3 |
| 289.00 | 290.50 | 1.50 | 2571051 | 1 | 164.12 | 0.84 | 5.05 | 57.9 |
| 290.50 | 291.50 | 1.00 | 2571052 | 1.6 | 187.96 | 2.89 | 6.2 | 69.4 |
| 291.50 | 293.00 | 1.50 | 2571053 | 0.7 | 176.82 | 0.41 | 5.2 | 45.6 |
| 293.00 | 294.30 | 1.30 | 2571054 | -0.2 | 253.22 | 0.72 | 6.9 | 52.9 |
| 294.30 | 296.00 | 1.70 | 2571055 | 1.8 | 204.53 | 0.57 | 6.25 | 59.8 |
| 296.00 | 297.73 | 1.73 | 2571056 | 0.8 | 141.46 | 0.58 | 5.79 | 51.2 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

### 297.73 303.00 APFW Pyroxene Andesite Porphyry Flow grey-brown FMG

297.73 - 303: Pervasively Bi altered matrix of andesite porphyry. Nearly all phenos have pale green Se overprint and thin Ep stringers are common. White unaltered plagioclase is rare and unit is locally broken over two 0.5 m intervals.

<<Alt: 297.73 - 303 Weak to moderate Biotite>> Bi altered matrix, gradual colour change from above Se alt'n.

<<Alt: 298.73 - 299 Moderate Albitisation >> Short albitized interval, loss of original texture

<<Alt: 299 - 317 Weak Epidote-Chlorite>> Weak Ep stringers and vein alteration halos

### 303.00 376.35 APFW Pyroxene Andesite Porphyry Flow dark grey FMG

303 - 376.35: Andesite pyroxene plagioclase porphyry variably altered competent unit.

<<Min: 303 - 317 0.1% pyrite>> Diss Py often occurring within and adjacent to thin Ep stringers

<<Min: 317 - 322.1 0.5% pyrite>> Diss within bands of Ep alt'n

<<Min: 317 - 322.1 0.1% pyrrhotite>>

<<Min: 329.6 - 329.9 0.5% pyrite>> Band of diss Py along edge of small fault zone

<<Min: 348 - 348.7 0.5% pyrite>> Diss Py within Ab alt'd interval

<<Min: 348.7 - 369 0.3% pyrite>> Weak overall, very fine with Ep alt'n.

<<Min: 348.7 - 369 0.1% pyrrhotite>>

<<Min: 369 - 369.5 1.5% pyrite>> Coarse Py in zone of Ep-Kspar alteration and Qz veining.

<<Min: 369.5 - 376.45 0.5% pyrite>>

<<Min: 369.5 - 376.45 0.3% pyrrhotite>>

<<Min: 369.5 - 376.45 0.01% arsenopyrite>>

<<Alt: 303 - 376.25 Weak to moderate Quartz>> Weak to moderately silicified, cryptic within groundmass but often marked by decrease of white plag phenos, replaced/altered.

<<Alt: 317 - 325.22 Weak Epidote-Chlorite>> Weak patchy Ep, often occurring as vein alteration halos

<<Alt: 329.6 - 330.4 Weak Clay>> Locally moderate over short interval of FLT gouge ~5cm

<<Alt: 329.6 - 330.4 Weak Chlorite >> Minor Cl altered fractures with slickensides

<<Alt: 336.65 - 338.5 Weak Clay>> Short rubbly interval clay altered.

<<Alt: 348.1 - 348.6 Moderate Albitisation >> Aphanitic grey alteration

<<Alt: 348.1 - 352.25 Weak to moderate Sericite>> Pervasive Se altered groundmass

<<Alt: 357.95 - 376.25 Weak Sericite>>

<<Alt: 357.95 - 376.25 Weak to moderate Epidote-Chlorite>> Patchy Ep alt'n of f.g matrix +/-Kspar trace and associated with weak Se-Cl. Propylitic alteration assemblage. Decreases down unit and gradually becomes more alkalic grey albite and biotite? Diffuse transition above strongly Si-Ab altered hydrothermal breccia

<<Alt: 357.95 - 376.25 Weak Chlorite >>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 297.73 | 298.73 | 1.00 | 2571057 | 0.8 | 122.5 | 0.26 | 4.77 | 52.7 |
| 298.73 | 299.73 | 1.00 | 2571058 | 0.8 | 227.79 | 1.32 | 5.53 | 68 |
| 299.73 | 301.00 | 1.27 | 2571059 | 0.5 | 217.06 | 1.65 | 4.17 | 64.1 |
| 301.00 | 303.00 | 2.00 | 2571061 | 1.2 | 145.12 | 15.25 | 4.32 | 47.2 |
| 303.00 | 305.00 | 2.00 | 2571062 | 1.7 | 145.63 | 3.59 | 6.71 | 51.5 |
| 305.00 | 307.00 | 2.00 | 2571063 | 1.3 | 142.03 | 2.2 | 4.83 | 48.3 |
| 307.00 | 309.00 | 2.00 | 2571064 | 1.9 | 153.74 | 2.31 | 6.36 | 60.2 |
| 309.00 | 311.00 | 2.00 | 2571066 | 1.7 | 143.72 | 1.41 | 3.8 | 46.1 |
| 311.00 | 312.00 | 1.00 | 2571067 | 1.6 | 138.23 | 1.62 | 3.6 | 41.6 |
| 312.00 | 313.00 | 1.00 | 2571068 | 2.3 | 149.57 | 0.43 | 2.98 | 39.7 |
| 313.00 | 315.00 | 2.00 | 2571069 | 1.1 | 142.73 | 0.71 | 2.81 | 42 |
| 315.00 | 317.00 | 2.00 | 2571071 | 4.4 | 145.36 | 0.5 | 2.9 | 40 |
| 317.00 | 319.00 | 2.00 | 2571072 | 5.7 | 149.91 | 0.68 | 3.91 | 44 |
| 319.00 | 321.00 | 2.00 | 2571073 | 2.9 | 137.78 | 0.77 | 3.53 | 45.3 |
| 321.00 | 322.17 | 1.17 | 2571074 | 1 | 145.57 | 1.86 | 4.07 | 51.9 |
| 322.17 | 324.00 | 1.83 | 2571075 | 1.1 | 142.96 | 0.97 | 3.73 | 52.4 |
| 324.00 | 325.50 | 1.50 | 2571076 | 0.7 | 155.31 | 0.69 | 3.05 | 39.8 |
| 325.50 | 326.85 | 1.35 | 2571077 | 0.5 | 153.9 | 0.99 | 3.09 | 53.4 |
| 326.85 | 328.10 | 1.25 | 2571078 | 1.4 | 148.28 | 1.19 | 3.92 | 48.6 |
| 328.10 | 329.60 | 1.50 | 2571079 | 0.8 | 123.18 | 0.52 | 4.85 | 47.1 |
| 329.60 | 330.40 | 0.80 | 2571080 | 1.3 | 141.79 | 0.75 | 6.29 | 42.1 |
| 330.40 | 332.40 | 2.00 | 2571081 | 0.8 | 162.62 | 0.62 | 4.5 | 47.1 |
| 332.40 | 334.40 | 2.00 | 2571082 | 0.5 | 188.75 | 0.85 | 4.94 | 45 |
| 334.40 | 335.40 | 1.00 | 2571083 | -0.2 | 115.86 | 0.4 | 4.48 | 41.4 |
| 335.40 | 336.65 | 1.25 | 2571084 | 0.3 | 133.9 | 0.41 | 3.49 | 42.7 |
| 336.65 | 338.65 | 2.00 | 2571086 | -0.2 | 135.1 | 0.38 | 3.96 | 49.7 |

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## GeoSpark Logger ~ Drill Log

**Project:** **Mt Milligan** **Hole Number:** **16-1026**

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | <<Alt: 369.8 - 376.25 Weak Biotite>> Pale brown altered matrix with patchy f.g grey albite alteration? Ep still present but much weaker. |
| | | <<Alt: 369.8 - 376.25 Weak Albitisation >> |
| | | <<Alt: 376.25 - 381.3 Weak Chlorite >> |
| | | <<Alt: 376.25 - 381.3 Strong Albitisation >> Strongly silicified alkalic altered breccia, pale tan colour (Ab +/-Se) with angular vein breccia. Complete overprint of original texture. Hydrothermal alteration occurring along structural corridor. |
| | | <<Alt: 376.25 - 387.65 moderate to strong Quartz>> Strongly silicified interval. Between 376.25-381.3m associated with alkalic altered breccia, pale tan colour (Ab +/-Se) with angular vein breccia. Complete overprint of original texture. |
| | | <<Vein: 304 - 317 1% Epidote 20 deg. >> Interval consists of weak Ep stringers/ alteration halos of fine fractures. Often associated with weak diss Py |
| | | <<Vein: 346.5 - 347 5% Calcite>> Brecciated/deformed pinkish light-grey veining, looks alkalic Ca-Feldspar |
| | | <<Vein: 350.1 - 350.7 5% Calcite 8 deg. >> Low angle Ca veining 1-2cm |
| | | <<Vein: 358 - 369 2% Calcite 20 deg. >> Stockwork of thin Ca veinlets <5% within low angle fracturing |
| | | <<Vein: 369 - 369.5 10% Quartz-Carbonate>> Qz-Ca vein with Ep-Kspar alteration, vein boundaries obscured by pervasive alteration. Diss Py 1.5% |
| | | <<Struc: 326.85 - 328.27 Weak Fractured>> Low angle fracturing of core |
| | | <<Struc: 329.6 - 330.4 Weak to moderate Fault zone>> Continuation of low angle fracture zone above but stronger deformation and faulting here with minor breccia and clay alteration |
| | | <<Struc: 336.8 - 337.2 Weak Fractured>> Fractured broken interval |
| | | <<Struc: 346 - 349 Weak Fractured>> Locally fractured with deformed brecciated veining, at low angle TCA |
| | | <<Struc: 354 - 355 Weak Fractured>> Brittle fracturing of core near axial planar |
| | | <<Struc: 358 - 369.7 Weak to moderate Fractured>> Low angle fracturing and veining locally broken and rubbled within core for roughly 2m. Associated with an increase in hairline Ca veining and likely patchy Ep alteration. |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 338.65 | 340.65 | 2.00 | 2571087 | 0.5 | 144.84 | 0.41 | 4.28 | 52.4 |
| 340.65 | 342.00 | 1.35 | 2571088 | -0.2 | 138.85 | 0.36 | 4.34 | 43.3 |
| 342.00 | 344.00 | 2.00 | 2571089 | 1.3 | 145.69 | 0.76 | 3.76 | 45.1 |
| 344.00 | 346.00 | 2.00 | 2571090 | 0.2 | 137.78 | 1.05 | 4.17 | 49.3 |
| 346.00 | 347.00 | 1.00 | 2571091 | 0.8 | 121.94 | 1.06 | 6.24 | 76.6 |
| 347.00 | 348.10 | 1.10 | 2571092 | 0.6 | 145.17 | 54.73 | 4.4 | 50.3 |
| 348.10 | 349.10 | 1.00 | 2571093 | 1.4 | 145.68 | 5.12 | 4.9 | 58.7 |
| 349.10 | 350.10 | 1.00 | 2571094 | 2.7 | 167.09 | 0.95 | 4.09 | 59.8 |
| 350.10 | 351.10 | 1.00 | 2571095 | 2.1 | 163.6 | 0.73 | 6.15 | 60.7 |
| 351.10 | 352.25 | 1.15 | 2571096 | 4.8 | 155 | 0.62 | 3.6 | 44.7 |
| 352.25 | 354.00 | 1.75 | 2571097 | 2.1 | 150.88 | 0.67 | 4.02 | 45.6 |
| 354.00 | 355.00 | 1.00 | 2571098 | 2.1 | 153.78 | 0.89 | 5.12 | 44.8 |
| 355.00 | 357.00 | 2.00 | 2571099 | 1.9 | 169.8 | 1.35 | 3.89 | 48.9 |
| 357.00 | 357.95 | 0.95 | 2571101 | 0.8 | 156.14 | 1.19 | 4.14 | 48 |
| 357.95 | 360.00 | 2.05 | 2571102 | 1.8 | 130.16 | 0.25 | 7.56 | 42.3 |
| 360.00 | 361.10 | 1.10 | 2571103 | -0.2 | 140.08 | 0.33 | 7.27 | 48.9 |
| 361.10 | 362.90 | 1.80 | 2571104 | 1.7 | 164.72 | 0.44 | 4.54 | 50 |
| 362.90 | 364.60 | 1.70 | 2571106 | 0.4 | 164.57 | 0.94 | 6.05 | 50.5 |
| 364.60 | 365.70 | 1.10 | 2571107 | 0.9 | 154.68 | 0.5 | 6.93 | 54.6 |
| 365.70 | 366.70 | 1.00 | 2571108 | 0.8 | 160.3 | 1.39 | 5.09 | 49.5 |
| 366.70 | 367.76 | 1.06 | 2571109 | 0.9 | 107.25 | 0.34 | 7.06 | 41.3 |
| 367.76 | 368.76 | 1.00 | 2571111 | 2.1 | 188.58 | 0.31 | 4.95 | 54.1 |
| 368.76 | 369.76 | 1.00 | 2571112 | 1.1 | 149.94 | 0.96 | 6.95 | 36.8 |
| 369.76 | 371.76 | 2.00 | 2571113 | 2.9 | 150.93 | 5.34 | 5.19 | 52.1 |
| 371.76 | 373.00 | 1.24 | 2571114 | 2.5 | 152.02 | 2.8 | 4.77 | 52.9 |
| 373.00 | 374.35 | 1.35 | 2571115 | 1.8 | 149.4 | 0.72 | 5.04 | 56.6 |
| 374.35 | 376.35 | 2.00 | 2571116 | 1.3 | 164.6 | 1.47 | 4.84 | 59.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

## 376.35 381.30 BREX Breccia beige FMG

376.35 - 381.3: Strongly silicified alkalic altered breccia, pale tan colour (Ab +/-Se) with angular vein breccia. Complete overprint of original texture. Hydrothermal alteration occurring along structural corridor. Protolith appears to be same as adjacent andesite plagioclase porphyry with transitional alteration contacts rather than clear lithological breaks.

<<Min: 376.45 - 376.88 3% pyrite>> On the shoulder of a strongly Si-Ab altered breccia, Blebby Py with minor diss Po

<<Min: 376.45 - 376.88 0.5% pyrrhotite>>

<<Min: 376.88 - 381.3 1% pyrite>> Finely diss sulfides within altered rock, rarely coarse Py within two Qz-Ca veins.

<<Min: 376.88 - 381.3 0.1% chalcopyrite>>

<<Min: 376.88 - 381.3 0.5% arsenopyrite>>

<<Vein: 377.2 - 377.22 100% Quartz-Carbonate-Sulphide 18 deg. >> Low angle discordant, late Qz-Ca vein with coarse diss Py

<<Vein: 378 - 380 40% Quartz 7 deg. >> Low angle vein breccia, silicified with strongly angular chaotic fragments. Some larger clasts appear to have a similar porphyritic texture as adjacent porphyry but here matrix is completely replaced by Qz and phenos are pale beige colour (Ab/Se altered)

<<Struc: 376.35 - 381.3 moderate to strong breccia>> Strongly Si-Ab altered interval containing angular hydrothermal breccia. Alteration fluids likely advanced here through a structural corridor which has since been healed. Rock is now strongly silicified and competent. Original angle of structure unknown, vein breccia is at low angle 7 degrees TCA

## 381.30 387.55 APFW Pyroxene Andesite Porphyry Flow green-brown MG

381.3 - 387.55: Andesite pyroxene plagioclase porphyry, strongly silicified and locally pervasively albite altered. Phenos are light green-grey, Se-Cl altered within a fine grained brown matrix frequently cut by Ab and or Se-Cl stringers and patchy alteration.

<<Min: 381.3 - 392 0.5% pyrite>>

<<Min: 381.3 - 392 0.3% pyrrhotite>>

<<Min: 381.3 - 392 0.1% arsenopyrite>> Commonly observed where groundmass has been altered.

<<Alt: 381.3 - 384.57 Weak to moderate Albitisation >> Patchy alteration of f.g matrix

<<Alt: 381.3 - 387.65 Weak to moderate Sericite>> Se-Cl overprinting of phenos and partially altering matrix along with albite.

<<Alt: 384.57 - 385.2 moderate to strong Albitisation >> Short pervasively altered interval very similar to larger brecciated zone above.

<<Alt: 385.2 - 387.65 Weak to moderate Albitisation >>

<<Struc: 384.77 - 384.77 Weak Veining - fracture fill>> Thin Ca vein within pervasively Ab-Se altered interval

<<Struc: 385.4 - 385.4 Weak Veining - fracture fill>> Thin Ca vein

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 376.35 | 376.95 | 0.60 | 2571117 | 13.5 | 197.33 | 1.3 | 8.43 | 62.4 |
| 376.95 | 378.00 | 1.05 | 2571118 | 20.1 | 147 | 6.22 | 8.93 | 55.2 |
| 378.00 | 379.00 | 1.00 | 2571119 | 12.2 | 55.06 | 27.41 | 7.01 | 43.8 |
| 379.00 | 380.00 | 1.00 | 2571120 | 19 | 95.88 | 12.03 | 8.42 | 43.8 |
| 380.00 | 381.30 | 1.30 | 2571121 | 20.5 | 159.7 | 0.55 | 7.31 | 60.1 |
| 381.30 | 383.30 | 2.00 | 2571122 | 5.7 | 127.98 | 0.82 | 5.14 | 69.7 |
| 383.30 | 384.57 | 1.27 | 2571123 | 1.3 | 144.45 | 3.93 | 6.27 | 68.5 |
| 384.57 | 385.20 | 0.63 | 2571124 | 5.1 | 115.69 | 15.81 | 17.61 | 117.2 |
| 385.20 | 386.20 | 1.00 | 2571126 | -0.2 | 139.89 | 8.04 | 5.8 | 86.5 |
| 386.20 | 387.55 | 1.35 | 2571127 | 2.2 | 202.62 | 9.41 | 7.16 | 49.7 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**387.55 389.60 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke green-brown MCG**

387.55 - 389.6: Weakly broken with top 50cm of unit transitions from strongly foliated to rock flour supported breccia. Unit characterized by 5 mm feldspar phenos within a siliceous f.g brown matrix.

<<Alt: 387.65 - 388.3 Weak to moderate Chlorite >> Brecciated/fractured interval rock flour supported breccia with clay alteration

<<Alt: 388.3 - 389.6 Moderate Quartz>> Pervasive Si altering interval of interleaved Andesite and Monzonite porphyry surrounded by brecciated clay altered rocks

<<Struc: 387.65 - 388.2 Weak to moderate breccia>> Top of monzonite porphyry unit, foliated-fractured with core of healed Flt Bx supported by rock flour matrix.

**389.60 392.00 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey**

389.6 - 392: Appears to be the same monzonite plag porphyry as above but here is strongly broken transitioning into healed FLT Bx, supported by rock flour matrix. Low angle, thin wispy Bi veinlets cut breccia at 9 degrees to core axis.

<<Alt: 389.6 - 392 Moderate Clay>> Clay altered Flt Bx, brownish-grey, soft rock flour matrix.

<<Struc: 389.66 - 392 moderate to strong breccia>> Strongly broken at top of interval transitioning into rock flour supported breccia, healed. Lithic fragments up to 1cm. Breccia cut by thin wispy Bi veinlets 9 degrees to core axis.

**392.00 395.00 APFW Pyroxene Andesite Porphyry Flow green-brown FMG**

392 - 395: Silicified andesite porphyry, weakly porphyritic texture overprinted by pervasive Se-Cl alteration. Competent. Fracture controlled Py and diss Po 2%. F.g brown matrix alteration is green to pale brownish grey, probably varying amounts of Se-Cl-Bi.

<<Min: 392 - 413.51 1% pyrite>> Fracture filling Py most common and typically very thin, weak overall

<<Min: 392 - 413.51 0.75% pyrrhotite>>

<<Alt: 392 - 396.6 Moderate Sericite>> Se-Cl locally pervasive alteration of f.g matrix.

<<Alt: 392 - 396.6 Moderate Quartz>> Pervasively siliceous rocks, could be original composition, but notably more siliceous than surrounding rocks of same lithologies

<<Alt: 392 - 396.6 Weak to moderate Chlorite >>

**395.00 397.80 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-brown**

395 - 397.8: Strongly broken in top of unit transitioning into sheared but competent rocks with partial rock flour matrix and 20 cm healed breccia at footwall.

<<Alt: 396.6 - 397.8 Moderate Clay>> Strongly deformed rocks are locally ground to rock flour and brecciaed with slight bleaching and clay alteration.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 387.55 | 388.55 | 1.00 | 2571128 | 1.2 | 129.41 | 1.67 | 5.35 | 49.8 |
| 388.55 | 389.60 | 1.05 | 2571129 | 2 | 88.72 | 3.71 | 4.63 | 44 |
| 389.60 | 391.00 | 1.40 | 2571130 | 2.7 | 62.01 | 2.56 | 6.68 | 35.7 |
| 391.00 | 392.00 | 1.00 | 2571131 | 4 | 61.34 | 1.84 | 7.67 | 39.4 |
| 392.00 | 394.00 | 2.00 | 2571132 | 1.6 | 131.04 | 2.82 | 4.84 | 52.4 |
| 394.00 | 395.00 | 1.00 | 2571133 | 0.4 | 159.59 | 0.77 | 29.12 | 82.7 |
| 395.00 | 396.60 | 1.60 | 2571134 | 2.6 | 22.02 | 0.37 | 8.53 | 56 |
| 396.60 | 397.80 | 1.20 | 2571135 | 6.1 | 57.06 | 0.37 | 10.83 | 70.1 |

From (m) To (m) Rocktype & Description

<<Struc: 395 - 417 moderate to strong Fault zone>> Strongly broken faulted interval with significant rock flour supported healed breccia. No fault gouge present but core often ground to sand size grains deformation is strong through these felsic rocks. Foliation obscured by angular brittle nature of fracturing.

**397.80 398.47 APFW Pyroxene Andesite Porphyry Flow green-brown FMG**

397.8 - 398.47: Relatively competent Si-Se-Cl altered andesite porphyry, very similar to previous andesite unit. Notably less deformed and foliated than surrounding rocks.

<<Alt: 397.8 - 398.47 Moderate Sericite>>

<<Alt: 397.8 - 398.47 Moderate Quartz>> Similar alteration assemblage as seen above with Qz-Se-Cl altered matrix in what is interpreted as andesite porphyry

<<Alt: 397.8 - 398.47 Weak to moderate Chlorite >>

**398.47 417.00 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-brown**

398.47 - 417: Strongly faulted and broken monzonite porphyry, locally brecciated. Includes bleached interval with blebby/diss Po 2-3%. Matrix dark brown to light grey where brecciated and ground to rock flour. 5 mm white feldspar phenos common.

<<Min: 405.4 - 405.6 0.1% arsenopyrite>> Short interval with diss As, localized

<<Min: 413.51 - 417 1% pyrite>> Diss Py along broken fractured faces coarse grained

<<Min: 413.51 - 417 3% pyrrhotite>> Corse disseminated Po, almost looks as if sulfide is replacing phenos

<<Alt: 398.47 - 401.4 Moderate Clay>> Strongly broken deformed interval clay altered fractures and rock flour where strongly brecciated.

<<Alt: 401.4 - 405.9 Weak to moderate Sericite>> Weak patchy Se-Cl alteration most commonly overprinting phenos in relatively competent interval.

<<Alt: 405.9 - 409.2 Moderate Clay>> Faulting related clay alteration of rock flour matrix within brecciated interval.

<<Alt: 409.2 - 413.61 Weak to moderate Sericite>> Patchy f.g Se alteration of rock matrix. Interval is strongly broken but not ground to a rock flour as above interval.

<<Alt: 413.61 - 414.8 Weak to moderate Bleaching>> Pervasive bleaching of matrix, occurring with coarsely diss Po 3-4%.

<<Alt: 414.8 - 417 Weak to moderate Sericite>> Weak patchy Se altered matrix of Monzonite porphyry. Occasionally altering outer rims of phenos.

**417.00 418.50 MVHD Monzonite Volcanic Hybrid grey FG**

417 - 418.5: Homogenous f.g grey siliceous alteration, primary porphyritic texture is almost undistinguishable, altered to a dacite-rhyolite probably andesitic porphyry protolith?

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 397.80 | 398.47 | 0.67 | 2571136 | 0.6 | 155.06 | 4.83 | 5.92 | 78.3 |
| 398.47 | 400.47 | 2.00 | 2571137 | 10.1 | 89.61 | 0.41 | 8.17 | 82.4 |
| 400.47 | 401.42 | 0.95 | 2571138 | 2.5 | 48.58 | 0.84 | 7.8 | 108.9 |
| 401.42 | 403.42 | 2.00 | 2571139 | 0.9 | 28.86 | 0.32 | 7.59 | 62.5 |
| 403.42 | 404.50 | 1.08 | 2571141 | 0.6 | 15.7 | 0.33 | 7.4 | 82.4 |
| 404.50 | 405.70 | 1.20 | 2571142 | 5.5 | 20.37 | 0.31 | 6.78 | 61.4 |
| 405.70 | 407.00 | 1.30 | 2571143 | 1 | 12.39 | 0.33 | 6.6 | 66 |
| 407.00 | 408.50 | 1.50 | 2571144 | 1.2 | 8.75 | 0.19 | 7.22 | 74 |
| 408.50 | 409.20 | 0.70 | 2571146 | 0.8 | 19.72 | 0.27 | 6.63 | 58.5 |
| 409.20 | 412.00 | 2.80 | 2571147 | 1 | 9.51 | 0.2 | 5.93 | 68.7 |
| 412.00 | 413.51 | 1.51 | 2571148 | -0.2 | 16.44 | 0.21 | 5.11 | 77.3 |
| 413.51 | 414.80 | 1.29 | 2571149 | -0.2 | 30.62 | 0.21 | 3.93 | 98.6 |
| 414.80 | 416.00 | 1.20 | 2571151 | 1 | 17.25 | -0.01 | 3.87 | 51.1 |
| 416.00 | 417.00 | 1.00 | 2571152 | -0.2 | 22.26 | 0.44 | 2.6 | 21.5 |
| 417.00 | 418.50 | 1.50 | 2571153 | -0.2 | 145.6 | 0.49 | 7.79 | 68.8 |

From (m) To (m) Rocktype & Description

<<Min: 417 - 418.6 0.5% pyrrhotite>> Finely disseminated

<<Alt: 417 - 418.5 Moderate Quartz>> Homogenous f.g grey siliceous alteration, primary porphyritic texture is almost undistinguishable, altered to a dacite-rhyolite.

<<Alt: 417 - 418.5 Moderate Albitisation >>

**418.50 429.15 APFW Pyroxene Andesite Porphyry Flow grey-brown FMG**

418.5 - 429.15: Competent, locally well foliated and broken andesitic pyroxene plagioclase porphyry. Pervasively Se-Cl-Ab altered commonly overprinting primary texture. Pyroxene phenos when visible are Se-Cl altered. Unit is well foliated and Cy-By altered between 421.7-423.3 m.

<<Alt: 418.5 - 429.15 Moderate Sericite>> Pervasive Se overprint with locally moderate albite and minor chlorite. Where albite is moderate there is a loss of porphyritic texture. Se-Cl pervasively altering matrix in top of unit and selectively replacing phenos down unit.

<<Alt: 418.5 - 429.15 Weak Chlorite >>

<<Alt: 418.5 - 429.15 Weak to moderate Albitisation >>

<<Alt: 421.7 - 423.3 Weak to moderate Clay>> Well foliated to sheared interval with clay altered foliation selvages/stringers.

<<Struc: 421.7 - 423.3 Weak to moderate Sheared>> Well foliated to sheared interval with Cy-Bi alteration and wispy foliation selvage.

<<Struc: 427.2 - 427.3 Weak to moderate fault>> Short fault consisting of broken rubbled core.

**429.15 474.95 APFW Pyroxene Andesite Porphyry Flow grey-green MCG**

429.15 - 474.95: Competent andesite pyroxene plagioclase porphyry. 5 mm white plag phenos speckled within fine grained grey-green matrix with slight Se overprint and patchy Ep alteration. Weakly mineralized

<<Min: 446.8 - 447.1 2% pyrite>> Coarse diss Py in Qz-Ep altered interval

<<Min: 451.1 - 452.6 0.5% pyrite>> Weakly diss Sulphides within Qz-Ca-Ep veined/altered andesite

<<Min: 451.1 - 452.6 0.3% pyrrhotite>>

<<Min: 455.5 - 456.8 0.5% pyrite>>

<<Min: 455.5 - 456.8 1% pyrrhotite>> Qz-Se-Cl altered andesite with diss Po and lesser fracture related Py

<<Min: 462 - 462.38 0.75% pyrite>> Weak diss Sulphides again associated with patchy Ep altered interval

<<Min: 462 - 462.38 0.75% pyrrhotite>>

<<Min: 465 - 469.9 0.3% pyrite>> One occurrence of coarse Py within Ca vein at 465.63m otherwise weak and commonly facture related

<<Min: 465 - 469.9 0.75% pyrrhotite>> Often diss within patchy Se alteration

<<Min: 469.9 - 470.25 1% pyrite>>

<<Min: 469.9 - 470.25 2% pyrrhotite>> Blebby Po stringers

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 418.50 | 420.50 | 2.00 | 2571154 | 3 | 123.33 | 2.92 | 8.46 | 68.2 |
| 420.50 | 421.70 | 1.20 | 2571155 | 1.5 | 79.1 | 0.95 | 8.64 | 66 |
| 421.70 | 423.30 | 1.60 | 2571156 | 0.9 | 100.83 | 2.6 | 9.53 | 84.3 |
| 423.30 | 425.30 | 2.00 | 2571157 | 0.2 | 137.62 | 1.34 | 6.68 | 61.2 |
| 425.30 | 426.90 | 1.60 | 2571158 | -0.2 | 125.16 | 0.27 | 8.9 | 61.8 |
| 426.90 | 427.90 | 1.00 | 2571159 | 0.6 | 116.57 | 0.25 | 9.18 | 62 |
| 427.90 | 429.15 | 1.25 | 2571160 | 1.3 | 103.87 | 1.17 | 6.9 | 67.9 |
| 429.15 | 431.15 | 2.00 | 2571161 | 1.5 | 134.3 | 0.5 | 3.94 | 49.5 |
| 431.15 | 433.00 | 1.85 | 2571162 | 0.9 | 142.15 | 0.5 | 6.17 | 52.9 |
| 433.00 | 435.00 | 2.00 | 2571163 | 0.3 | 148.29 | 0.45 | 3.98 | 48.8 |
| 435.00 | 437.00 | 2.00 | 2571164 | 2.5 | 155.77 | 0.47 | 3.68 | 46.2 |
| 437.00 | 439.00 | 2.00 | 2571166 | 1.5 | 162.39 | 0.26 | 3.59 | 42.4 |
| 439.00 | 440.75 | 1.75 | 2571167 | 1.9 | 166.3 | 0.31 | 3.82 | 44.8 |
| 440.75 | 442.30 | 1.55 | 2571168 | 1.7 | 150.08 | 0.48 | 4.88 | 41.6 |
| 442.30 | 444.30 | 2.00 | 2571169 | 0.9 | 154.14 | 0.38 | 3.81 | 44.3 |
| 444.30 | 445.40 | 1.10 | 2571170 | 1.4 | 157.82 | 0.36 | 3.52 | 46.2 |
| 445.40 | 446.70 | 1.30 | 2571171 | 1 | 150.96 | 0.31 | 4.76 | 43.3 |
| 446.70 | 447.80 | 1.10 | 2571172 | 1 | 144.39 | 0.65 | 4.9 | 42.6 |
| 447.80 | 449.80 | 2.00 | 2571173 | 1.6 | 168.62 | 0.26 | 3.92 | 50.4 |

From (m) To (m) Rocktype & Description

<<Min: 470.25 - 511.15 0.3% pyrite>> Weakly mineralized rocks, fracture related Py

<<Alt: 429.15 - 451.1 Weak to moderate Sericite>> Patchy to weakly pervasive Se overprint of matrix

<<Alt: 429.15 - 451.1 Weak to moderate Epidote-Chlorite>> Patchy intervals of moderate Ep alteration commonly associated with localized Qz-Ca but restricted to ~10cm intervals.

<<Alt: 429.15 - 451.1 Weak Chlorite >> Weak Cl replacement of pyroxene phenos and fracture related

<<Alt: 451 - 452.6 Moderate Epidote-Chlorite>> Patchy Ep alteration associated with Qz-Ca veining. Ep altering groundmass and minor fracture filling.

<<Alt: 452.6 - 455.5 Weak to moderate Biotite>> Pervasive Bi overprint of matrix.

<<Alt: 455.5 - 456.8 Moderate Sericite>> Locally pervasive Qz-Se-Cl alt'n. F.g, hard, pale green in colour

<<Alt: 455.5 - 456.8 Weak to moderate Quartz>>

<<Alt: 456.8 - 463 Weak to moderate Sericite>> Pervasive Se-Cl overprint of f.g matrix

<<Alt: 456.8 - 463 Weak to moderate Epidote-Chlorite>> Patchy ~10cm Ep altered intervals

<<Alt: 463 - 474.95 Weak to moderate Biotite>> Pervasive Bi overprint of f.g ground mass

<<Alt: 464.25 - 468.8 Weak Sericite>> Patchy Se+/-Cl both selectively overprinting phenos as well as patchy groundmass alteration

<<Alt: 468.8 - 474.95 Weak to moderate Sericite>> Locally pervasive with Qz, f.g alteration of groundmass

<<Alt: 468.8 - 474.95 Weak Quartz>> Locally siliceous intervals increasing near contact with felsic porphyry below

<<Alt: 468.8 - 474.95 Weak to moderate Chlorite >> Diss with Se and along fractured faces

<<Vein: 438.5 - 440.8 5% Epidote 30 deg. >> Discordant Ep stringer zone, weak overall

<<Vein: 446.9 - 447.1 80% Quartz 35 deg. >> Interval consists of thin Qz-Ca veining to Si flooding and Ep alteration. Diss Py 3%

<<Vein: 451.1 - 452.6 20% Quartz-Carbonate 20 deg. >> Ep alteration zone with Qz-Ca stringering and diss Po-Py 1-2%

<<Vein: 453.2 - 455.5 2% Quartz-Carbonate 45 deg. >> QC stringer zone ~2% veining, weak but leads into mod to strong Si-Se alteration, looks to be related at least spatially

<<Vein: 462 - 462.38 5% Quartz-Carbonate>> Ep altered interval with QC stringering/silicification

<<Struc: 432.2 - 434.8 Weak Fractured>> Fractured blocky interval, weak.

**474.95 506.95 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey**

474.95 - 506.95: Siliceous monzonite plagioclase porphyry containing well spaced 5 mm feldspar phenos in a fine grained grey to light brown matrix. Unit is consistently broken and locally faulted. Minor fracture related Py.

<<Alt: 474.95 - 506.95 Weak Sericite>> Weak patchy Se associated strongly fractured intervals

<<Alt: 474.95 - 506.95 Weak Clay>> Weak clay alteration where unit is strongly broken, mechanical

<<Struc: 474.95 - 506.1 Weak to moderate Fractured>> Consistently broken, fractured felsic intrusive

<<Struc: 506.1 - 506.95 Moderate fault>> Strongly broken rubbled core at contact between Monzonite and andesite below.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 449.80 | 451.10 | 1.30 | 2571174 | 1.4 | 161.23 | 0.53 | 3.83 | 46.3 |
| 451.10 | 452.60 | 1.50 | 2571175 | 2.6 | 129.66 | 0.47 | 5.5 | 27.6 |
| 452.60 | 453.60 | 1.00 | 2571176 | 2.5 | 165.41 | 0.59 | 3.37 | 46 |
| 453.60 | 455.50 | 1.90 | 2571177 | 3 | 106.64 | 0.46 | 3.34 | 55.9 |
| 455.50 | 456.80 | 1.30 | 2571178 | 2.1 | 144.76 | 3.74 | 4.44 | 52.6 |
| 456.80 | 458.00 | 1.20 | 2571179 | 2.2 | 103.29 | 92.18 | 3.36 | 42.3 |
| 458.00 | 459.50 | 1.50 | 2571181 | 21.6 | 171.1 | 0.63 | 4.14 | 45.8 |
| 459.50 | 461.50 | 2.00 | 2571182 | 2.4 | 153.12 | 0.42 | 4.74 | 44.3 |
| 461.50 | 462.38 | 0.88 | 2571183 | 2 | 96.51 | 0.6 | 4.83 | 41.7 |
| 462.38 | 463.00 | 0.62 | 2571184 | 2.2 | 149.8 | 0.33 | 4.32 | 50.4 |
| 463.00 | 465.00 | 2.00 | 2571186 | 3.4 | 163.92 | 2.31 | 3.65 | 48.8 |
| 465.00 | 467.00 | 2.00 | 2571187 | 3 | 182.39 | 0.58 | 5.31 | 53.8 |
| 467.00 | 468.80 | 1.80 | 2571188 | 2.2 | 171.26 | 5.86 | 4.22 | 55.7 |
| 468.80 | 469.80 | 1.00 | 2571189 | 1.4 | 192.82 | 6.13 | 4.23 | 44.9 |
| 469.80 | 470.80 | 1.00 | 2571191 | 3 | 277.66 | 2.32 | 2.97 | 38.6 |
| 470.80 | 471.80 | 1.00 | 2571192 | 1.9 | 223.2 | 0.5 | 6.9 | 48.2 |
| 471.80 | 473.60 | 1.80 | 2571193 | 1.2 | 170.64 | 7.11 | 4.99 | 54.7 |
| 473.60 | 474.95 | 1.35 | 2571194 | 1.8 | 180.07 | 24.8 | 3.12 | 38.3 |
| 474.95 | 476.00 | 1.05 | 2571195 | 2.9 | 134.76 | 5.29 | 5.93 | 25.5 |
| 476.00 | 478.00 | 2.00 | 2571196 | 2.5 | 90.52 | 1.12 | 5.7 | 22.8 |
| 478.00 | 480.00 | 2.00 | 2571197 | 2 | 25.91 | 0.67 | 6.66 | 40.9 |
| 480.00 | 482.00 | 2.00 | 2571198 | 2.1 | 94.42 | 2.53 | 5.63 | 20.9 |
| 482.00 | 484.00 | 2.00 | 2571199 | 4.1 | 58.12 | 8.49 | 5.25 | 22.4 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 484.00 | 486.00 | 2.00 | 2571200 | 6.5 | 85.35 | 1.31 | 5.23 | 32.4 |
| 486.00 | 488.00 | 2.00 | 2571201 | 2.5 | 77.03 | 5.51 | 5.89 | 22.1 |
| 488.00 | 490.00 | 2.00 | 2571202 | 2.7 | 42.57 | 1.59 | 7.31 | 27.4 |
| 490.00 | 491.00 | 1.00 | 2571203 | 1.8 | 45.8 | 0.63 | 5.38 | 23.9 |
| 491.00 | 493.00 | 2.00 | 2571204 | 47.2 | 327.58 | 0.83 | 8.83 | 34.1 |
| 493.00 | 495.00 | 2.00 | 2571206 | 1.3 | 63.06 | 2.74 | 6.02 | 23.1 |
| 495.00 | 497.00 | 2.00 | 2571207 | 0.3 | 55.57 | 1.81 | 6.15 | 40.2 |
| 497.00 | 498.00 | 1.00 | 2571208 | 1 | 69.5 | 0.75 | 4.74 | 29.8 |
| 498.00 | 500.00 | 2.00 | 2571209 | 1.8 | 73.79 | 1.14 | 6.87 | 29.8 |
| 500.00 | 502.00 | 2.00 | 2571210 | 3.7 | 68.62 | 0.88 | 6.32 | 34.4 |
| 502.00 | 504.00 | 2.00 | 2571211 | 1.4 | 101.84 | 1.74 | 5.29 | 27 |
| 504.00 | 505.80 | 1.80 | 2571212 | 1.2 | 74.51 | 4.49 | 7.03 | 49.3 |
| 505.80 | 506.95 | 1.15 | 2571213 | 1.3 | 50.47 | 1.87 | 3.9 | 37 |
| 506.95 | 508.90 | 1.95 | 2571214 | -0.2 | 97.1 | 0.78 | 9.09 | 98.7 |
| 508.90 | 510.00 | 1.10 | 2571215 | 1.4 | 110.99 | 1.88 | 2.18 | 50.5 |
| 510.00 | 511.15 | 1.15 | 2571216 | 14.1 | 111.6 | 0.99 | 3.66 | 53.2 |

**506.95 511.15 APFW Pyroxene Andesite Porphyry Flow grey FMG**

506.95 - 511.15: Competent, locally broken andesitic plagioclase porphyry, weakly porphyritic texture overprinted by Se-Cl alteration

<<Min: 506.95 - 511.15 0.3% pyrrhotite>>

<<Alt: 506.95 - 511.15 Weak to moderate Sericite>> Pervasive Se-Cl overprint, locally obscuring primary texture

<<Alt: 506.95 - 511.15 Weak to moderate Chlorite >>

<<Alt: 509.5 - 511 Weak Albitisation >> Two occurrences of patchy pinkish-grey alteration of matrix

<<Struc: 508.9 - 509.4 Weak Fault zone>> Fractured core with localized 10cm fault zone consisting of rubbled rock.

**End of Hole @ 511.15**

# GeoSpark Logger ~ Drill Log

**Project:** **Mt Milligan** **Hole Number:** **16-1027**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Prospect: | Snell | Hole Type: | DD | Survey Type: | GPS | Logged By: | Mike Leidl |
| Grid: | NAD83_Z10 | Hole Diameter: | | Survey By: | Mike Leidl | Date Logging Start: | 9/13/2016 |
| UTM Easting | 430052 | Core Size: | NQ | Azimuth: | | Date Logging Complete: | 9/15/2016 |
| UTM Northing: | 6113007 | Casing Pulled?: | Yes | Dip: | -90 | Drill Company: | LDS |
| UTM Elev. (m): | 1135 | Casing Depth (m): | 14.32 | Length (m): | 300.84 | Drill Rig: | Rig1 |
| Local Easting: | | Stored?: | Yes | Claims Title | | Drill Started: | 9/11/2016 |
| Local Northing: | | Cemented?: | No | Core Storage Loc.: | TCM Core Shack | Drill Completed: | 9/14/2016 |
| Local Elev. (m): | | | | Hole Completed?: | Completed | Purpose: | |
| | | | | | | Parent Hole: | |

Comments:

Drilling collared into a short interval of andesite crystal tuff at 14.32 m depth. From 14.95-140 m, lithologies consist of interleaved calcareous-graphitic argillite (55%), felsic monzonite porphyry (40%) and variably textured andesitic dykes (5%). The remainder of the hole intersects mainly andesitic crystal tuff and pyroxene-phyric porphyry flows, ending at a final depth of 300.84 m. Mineralization included fracture controlled Py-Po 3-5% within argillite units and is strongest locally between 110-112 m at ~7% within an andesite crystal tuff. Pervasive sericite-chlorite alteration dominates the lower portion of the hole within andesitic rocks and is accompanied by patchy weak epidote. Two major fault zones are intersected between 176-212 m and 254-300.84 m, consisting of broken to gouged core and rock flour-supported breccias, respectively.

***Downhole Surveys:***

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | -89.80352 | 343.04321 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 6.096 | -89.60073 | 265.58989 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 12.192 | -89.42951 | 255.5537 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 18.288 | -89.48789 | 254.58664 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 24.384 | -89.48848 | 238.60874 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 30.48 | -89.17694 | 218.93892 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 36.576 | -89.37542 | 221.97862 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 42.672 | -88.94519 | 210.51876 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 48.768 | -89.20488 | 215.19604 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 54.864 | -89.18798 | 214.88009 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 60.96 | -88.80755 | 206.43707 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 67.056 | -88.96213 | 210.1272 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 73.152 | -88.8346 | 207.72826 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 79.248 | -88.72746 | 213.38454 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 85.344 | -88.9525 | 213.22897 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 91.44 | -88.7109 | 213.56471 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 97.536 | -88.59044 | 217.25671 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |
| 103.632 | -88.60937 | 216.02052 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ☑ | |

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 109.728 | -88.67554 | 216.19976 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 115.824 | -88.84125 | 214.45228 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 121.92 | -88.57509 | 211.30409 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 128.016 | -88.61294 | 211.3619 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 134.112 | -88.47276 | 212.18212 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 140.208 | -88.30094 | 214.28807 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 146.304 | -88.29559 | 217.88936 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 152.4 | -88.44505 | 219.90737 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 158.496 | -88.38397 | 221.91556 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 164.592 | -88.21648 | 222.69768 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 170.688 | -88.20797 | 226.292 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 176.784 | -88.35216 | 221.82566 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 182.88 | -88.07952 | 224.4042 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 188.976 | -88.2588 | 219.20696 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 195.072 | -88.11237 | 225.42285 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 201.168 | -88.00052 | 227.69021 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 207.264 | -88.08852 | 229.03176 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 213.36 | -88.27369 | 230.49368 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 219.456 | -88.24583 | 231.54171 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 225.552 | -88.08583 | 232.02117 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 231.648 | -88.04866 | 234.57039 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 237.744 | -88.12391 | 234.63015 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 243.84 | -88.21135 | 237.87887 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 249.936 | -88.22124 | 239.17627 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 256.032 | -88.18208 | 239.46234 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 262.128 | -87.97642 | 242.10426 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 268.224 | -87.8944 | 245.12502 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 274.32 | -88.07655 | 244.62375 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 280.416 | -88.08931 | 245.83501 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 286.512 | -87.8241 | 248.00901 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |
| 292.608 | -88.0872 | 249.35562 | | | Reflex Gyr | Mike Leidl | 9/14/2016 | | ✓ | |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

0 - 14.32: No Core. Casing set at 14.32 m.

**14.32 14.95 APXT Pyroxene Andesite Crystal Tuff grey-green FMG**

14.32 - 14.95: Competent andesite crystal tuff containing infrequent 2-5mm plagioclase-pyroxene phenos within a medium to fine grained matrix. Alteration is patchy giving unit a mottled texture.

<<Alt: 14.32 - 14.95 Weak Sericite>> Weak Se overprint

**14.95 20.95 ARGC Calcareous graphitic argillite grey VFG**

14.95 - 20.95: Predominantly calcareous argillite contains localized discordant Qz-Ca veining with pale pinkish-grey alteration halos, Albite(?) ~5% graphitic banding in top of unit.

<<Min: 18.8 - 20.95 1.5% pyrite>> Oxidized Py veining and fracture filling

<<Alt: 14.95 - 20.95 Weak to moderate Calcite>> Pervasive to banded Ca

<<Alt: 18.25 - 20.95 Weak Albitisation >> Ab alt'n halos surrounding fracturing and veining

<<Vein: 17.9 - 20.95 1% Quartz-Carbonate-Sulphide 35 deg. >> Weak, thin Qz-Ca discordant veinlets with Ab alt'n halos and veined Py

**20.95 27.25 ARGC Calcareous graphitic argillite black VFG**

20.95 - 27.25: Very fine grained, banded, black graphitic argillite with minor ~1-2% grey calcareous banding. Unit is competent and contains minor hairline fractures, Ca healed, at an oblique angle to bedding planes.

<<Min: 20.95 - 27.5 0.5% pyrite>> Minor fracture filling Py extending briefly into Monzonite

<<Alt: 20.95 - 27.25 Weak Calcite>> Thing banded Ca in argillite

<<Alt: 20.95 - 32.7 Weak Sericite>> Pervasive Se alt'n of groundmass

**27.25 32.70 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey FCG**

27.25 - 32.7: Felsic monzonite porphyry, strongly porphyritic texture contains 5 mm feldspar- Qz phenos within a grey fine grained matrix speckled with black Bi and pyroxenes. Siliceous unit.

<<Struc: 30.3 - 30.3 Weak Fractured>> Angle of fracturing and veining within Monzonite porphyry

**32.70 45.50 ARGC Calcareous graphitic argillite black VFG**

32.7 - 45.5: Black graphitic argillite with ~10% grey calcareous banding, competent to 41 m where weak to moderate fracturing/faulting extends to the base of unit.

<<Min: 32.7 - 46 0.3% pyrite>> Minor Fracture filling Py

<<Alt: 32.7 - 45.5 Weak to moderate Calcite>> Mainly banded Ca with localized pervasive calcareous argillite intervals

<<Alt: 41 - 45.5 Weak Clay>> Mod fractured interval minor mechanical clay alt'n

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 14.32 | 14.95 | 0.63 | 2571217 | 1.5 | 79.47 | 0.9 | 1.5 | 50 |
| 14.95 | 16.95 | 2.00 | 2571218 | 0.4 | 79.43 | 2.68 | 4.74 | 77.1 |
| 16.95 | 18.25 | 1.30 | 2571219 | -0.2 | 77.29 | 3.92 | 6.67 | 78.8 |
| 18.25 | 19.70 | 1.45 | 2571221 | 1.8 | 86.63 | 2.34 | 4.49 | 63.2 |
| 19.70 | 20.95 | 1.25 | 2571222 | 1.7 | 68.97 | 1.74 | 6.93 | 92.9 |
| 20.95 | 22.00 | 1.05 | 2571223 | -0.2 | 69.27 | 7.6 | 16.72 | 387.2 |
| 22.00 | 24.00 | 2.00 | 2571224 | 1.9 | 41.87 | 2.13 | 15.69 | 99.5 |
| 24.00 | 26.00 | 2.00 | 2571226 | -0.2 | 68.81 | 5.54 | 22.6 | 190.3 |
| 26.00 | 27.25 | 1.25 | 2571227 | 1 | 48.12 | 3.4 | 17 | 181.2 |
| 27.25 | 29.25 | 2.00 | 2571228 | 5.8 | 4.52 | 0.35 | 12.08 | 94 |
| 29.25 | 31.25 | 2.00 | 2571229 | 2.4 | 1.82 | 0.16 | 14.72 | 71.4 |
| 31.25 | 32.70 | 1.45 | 2571231 | 1.2 | 4.83 | 0.74 | 13.71 | 87.5 |
| 32.70 | 34.70 | 2.00 | 2571232 | -0.2 | 61.81 | 3.19 | 16.02 | 223 |
| 34.70 | 36.70 | 2.00 | 2571233 | -0.2 | 69.79 | 1.78 | 13.19 | 145.5 |
| 36.70 | 38.70 | 2.00 | 2571234 | -0.2 | 68.48 | 3.92 | 13.13 | 220.9 |
| 38.70 | 39.70 | 1.00 | 2571235 | -0.2 | 55.66 | 2.3 | 10.7 | 94.8 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Vein: 41 - 45.5 2% Calcite>> Thin Ca healed fractures to veins down unit. Discordant and weak.

<<Struc: 33.7 - 33.7 Weak Bedded>> Bedding plane with argillite

<<Struc: 35.3 - 35.3 Weak Bedded>> Bedding plane with argillite

<<Struc: 39.3 - 39.3 Weak Bedded>> Bedding plane with argillite

<<Struc: 40.7 - 40.7 Weak Bedded>> Bedding plane with argillite, as seen in above measurements angle to core axis shallows through unit leading into faulted zone below

<<Struc: 40.9 - 45.5 Weak to moderate Fault zone>> Strongly fractured and broken argillite contains short localized gouged zones and network of discordant very fine Ca healed fractures.

**45.50 55.40 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey FCG**

45.5 - 55.4: Monzonite porphyry, locally broken and weakly altered

<<Alt: 45.5 - 55.4 Weak Sericite>> Weak alteration overprinting both groundmass and phenos locally

<<Alt: 51 - 61.1 Weak Albitisation >> Two short intervals of Ab alt'n, f.g grey an hard, mineralized ~6-7% Py

<<Struc: 45.5 - 56.8 Weak Fractured>> Intermittent fracturing and broken rocks extending down from FZ above. Fracturing crosses lithologies but is weak overall. Between 50-55 degrees TCA

**55.40 61.10 ARGC Calcareous graphitic argillite black VFG**

55.4 - 61.1: Graphitic argillite, locally broken in top of unit. Contains two short 10-20 cm intervals of alkalic alteration characterized by a weakly siliceous pale pinkish-grey colour (Ab-Kspar?) and associated with localized Py ~5-7%.

<<Min: 55.4 - 57 0.1% pyrite>>

<<Min: 57 - 61.1 4% pyrite>> Locally stronger ~7% over very short intervals associated with Ab alt'n

<<Alt: 55.4 - 61.1 Weak Calcite>> Thinly banded pervasive Ca in argillite

<<Vein: 57 - 61.1 5% Carbonate-Sulphide 70 deg. >> Ca vein stringer zone within argillite, interval also contains frequent Ca healed hairline fracturing

**61.10 78.80 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green FCG**

61.1 - 78.8: Monzonite porphyry locally Bi-Se altered with Patchy Ca altered phenos, weakly mineralized and competent

<<Min: 61.1 - 78.8 0.1% pyrite>> Trace Py

<<Alt: 61.1 - 78.8 Weak to moderate Sericite>> Locally pervasive altering groundmass

<<Alt: 61.1 - 78.8 Weak Calcite>> Locally Ca altered phenos occasionally zoned with unaltered core

<<Alt: 61.1 - 78.8 Weak to moderate Biotite>> Patchy but pervasive locally alteration of groundmass

<<Vein: 73 - 77 0.5% Quartz>> Extensional vuggy comb textured Qz veins with euhedral crystals, weak and unmineralized

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 39.70 | 40.95 | 1.25 | 2571236 | -0.2 | 46.96 | 3.87 | 9.68 | 207.3 |
| 40.95 | 43.00 | 2.05 | 2571237 | -0.2 | 37.25 | 2.62 | 14.56 | 84.4 |
| 43.00 | 45.50 | 2.50 | 2571238 | 0.4 | 54.19 | 7.92 | 21.36 | 100.6 |
| 45.50 | 47.50 | 2.00 | 2571239 | 13.9 | 6.44 | 0.3 | 13.95 | 98.7 |
| 47.50 | 49.50 | 2.00 | 2571240 | 3.8 | 4.43 | 0.24 | 11.13 | 78.4 |
| 49.50 | 51.50 | 2.00 | 2571241 | 11.6 | 3.56 | 0.21 | 16.39 | 88.3 |
| 51.50 | 53.50 | 2.00 | 2571242 | 7.9 | 4.5 | 0.17 | 15.22 | 84.7 |
| 53.50 | 55.40 | 1.90 | 2571243 | 17.5 | 5.9 | 0.42 | 17.46 | 88.9 |
| 55.40 | 57.00 | 1.60 | 2571244 | 1.8 | 53.77 | 4.76 | 31.13 | 119.7 |
| 57.00 | 59.00 | 2.00 | 2571246 | 1.3 | 54.9 | 5.62 | 15.18 | 100.8 |
| 59.00 | 61.10 | 2.10 | 2571247 | 0.3 | 61.79 | 9.32 | 20.79 | 110.1 |
| 61.10 | 63.10 | 2.00 | 2571248 | 6.8 | 8.15 | 6.02 | 11.84 | 88.5 |
| 63.10 | 65.10 | 2.00 | 2571249 | 8.4 | 6.83 | 0.82 | 10.87 | 79.1 |
| 65.10 | 67.10 | 2.00 | 2571250 | 2.8 | 4 | 0.15 | 8.03 | 68.8 |
| 67.10 | 68.10 | 1.00 | 2571251 | 6 | 4.18 | 0.2 | 10.65 | 80.2 |
| 68.10 | 70.10 | 2.00 | 2571252 | 2.1 | 1.3 | 0.12 | 12.55 | 76.2 |
| 70.10 | 72.10 | 2.00 | 2571253 | 4.8 | 2.84 | 0.18 | 9.73 | 79.6 |
| 72.10 | 74.10 | 2.00 | 2571254 | 3.9 | 2.35 | 0.18 | 9.79 | 78.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**78.80 80.60 ARGC Calcareous graphitic argillite black VFG**

78.8 - 80.6: Graphitic argillite with mod Ca healed stockwork fracturing

<<Min: 78.8 - 80.6 3% pyrite>>

<<Alt: 78.8 - 80.6 Weak Calcite>> Fracture filling Ca

<<Vein: 78.8 - 80.6 8% Calcite>> Stockwork of Ca healed fracturing in argillite, Moderate

**80.60 87.90 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green FCG**

80.6 - 87.9: Broken altered Monzonite porphyry. Siliceous with a pervasive Se-Cl+/-Ab overprint obscuring porphyritic texture altering both groundmass and phenos.

<<Min: 80.6 - 87.9 0.1% pyrite>>

<<Alt: 80.6 - 87.9 Moderate Sericite>> Pervasive Se-Cl overprinting both groundmass and phenos, giving rock unit homogenous green colouration

<<Alt: 80.6 - 87.9 Weak Clay>> Trace clay alteration along fracturing

<<Alt: 80.6 - 87.9 Weak to moderate Albitisation >> Localized Ab, seems to be pervasive near strongly fractured intervals

<<Struc: 80.6 - 80.6 Weak contact>> Contact between footwall of argillite and hanging wall of Monzonite porphyry, sharp

<<Struc: 80.6 - 87.9 Weak to moderate Fractured>> Moderately fractured Monzonite porphyry with localized clay alteration, weak

**87.90 110.15 ARGC Calcareous graphitic argillite black VFG**

87.9 - 110.15: Graphitic argillite, with typically 1-5 mm grey calcareous bands, locally faulted and broken, localized Sx 5-6%

<<Min: 87.9 - 110.15 3% pyrite>> Fracture filling/diss Py throughout unit

<<Alt: 87.9 - 110.15 Weak Calcite>> Typically thin 1-5mm bands

<<Alt: 96.6 - 99.6 Weak Clay>> Localized fault zone with minor clay altered fracture faces

<<Struc: 96.6 - 99.6 Weak to moderate Fault zone>> Fractured, rubbled argillite with minor clay altered fracture faces

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 74.10 | 76.10 | 2.00 | 2571255 | 1.5 | 4.7 | 0.11 | 12.4 | 70.5 |
| 76.10 | 77.80 | 1.70 | 2571256 | 3 | 5.41 | 0.29 | 9.37 | 77.8 |
| 77.80 | 78.80 | 1.00 | 2571257 | 2.2 | 4.76 | 0.39 | 8.16 | 79.8 |
| 78.80 | 80.60 | 1.80 | 2571258 | 0.5 | 33.86 | 5.02 | 9.97 | 57.9 |
| 80.60 | 82.60 | 2.00 | 2571259 | 0.4 | 6.05 | 0.97 | 13.87 | 91 |
| 82.60 | 84.60 | 2.00 | 2571261 | 0.4 | 2.63 | 0.25 | 11.7 | 76 |
| 84.60 | 86.60 | 2.00 | 2571262 | 0.8 | 2.97 | 0.22 | 14.38 | 71.9 |
| 86.60 | 87.90 | 1.30 | 2571263 | 0.9 | 5.04 | 0.61 | 21.08 | 92.8 |
| 87.90 | 89.00 | 1.10 | 2571264 | -0.2 | 50.59 | 8.31 | 18.8 | 85.2 |
| 89.00 | 91.00 | 2.00 | 2571266 | -0.2 | 43.41 | 13.37 | 16.81 | 72.4 |
| 91.00 | 93.00 | 2.00 | 2571267 | -0.2 | 61.6 | 20.18 | 17.8 | 73.5 |
| 93.00 | 95.00 | 2.00 | 2571268 | -0.2 | 59.93 | 31.91 | 20.52 | 104.6 |
| 95.00 | 96.62 | 1.62 | 2571269 | -0.2 | 64.01 | 19.03 | 26.24 | 183.2 |
| 96.62 | 98.00 | 1.38 | 2571271 | 0.3 | 56.6 | 4.74 | 19.58 | 219.2 |
| 98.00 | 99.70 | 1.70 | 2571272 | 0.4 | 66.59 | 3.31 | 20.15 | 175.6 |
| 99.70 | 101.70 | 2.00 | 2571273 | 0.7 | 68.37 | 4.18 | 15.22 | 251.2 |
| 101.70 | 103.70 | 2.00 | 2571274 | 0.6 | 61.31 | 5.03 | 14.15 | 204.8 |
| 103.70 | 105.70 | 2.00 | 2571275 | 0.5 | 61.12 | 3.18 | 27.46 | 154 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**110.15 112.44 APXT Pyroxene Andesite Crystal Tuff grey MG**

110.15 - 112.44: Andesite crystal tuff, medium grained pyroxene and plagioclase crystals with soft fine grained sequences pervasively Ab-Se altered. Well mineralized Py ~7% diss

<<Min: 110.15 - 113.47 6% pyrite>> Diss Py in dyked interval
<<Min: 110.15 - 113.47 0.01% chalcopyrite>> Trace Cp
<<Alt: 110.15 - 112.44 Weak to moderate Sericite>>
<<Alt: 110.15 - 112.44 Weak Chlorite >>
<<Alt: 110.15 - 112.44 Weak to moderate Albitisation >> Andesitic dyke with patchy Ab-Se-Cl alteration greenish-grey.

**112.44 112.92 ARGC Calcareous graphitic argillite black VFG**

112.44 - 112.92: Short interval of argillite interleaved with andesite intrusions

**112.92 113.47 ANDS Andesite grey-brown FG**

112.92 - 113.47: Fine-grained andesitic intrusion, pervasively albitized at top of unit, cut by 1-2 mm Qz-Ca veins. Sharp contacts with argillite

<<Alt: 112.92 - 113.47 Moderate Albitisation >> Pervasively albitized in top of interval, grey homogenous

**113.47 120.27 ARGC Calcareous graphitic argillite black VFG**

113.47 - 120.27: Graphitic argillite with ~10% grey calcareous banding, competent an mineralize fracture filling/diss Py 4%

<<Min: 113.47 - 120.27 2% pyrite>> Fracture related Py with argillite
<<Alt: 113.47 - 120.27 Weak Calcite>> Banded and fracture filling Ca

**120.27 124.32 PBX Polymict breccia pipe (Pebble breccia) grey-green CG**

120.27 - 124.32: Volcaniclastic-breccia, polymictic. Unit contains variably sized lithic fragments of different grain size colours and textures within calcite matrix giving rock mottled multi-colour appearance.

<<Min: 120.27 - 124.32 5% pyrite>> Fracture filling/diss/blebby Py
<<Min: 120.27 - 124.32 0.1% pyrrhotite>> Trace Po
<<Alt: 120.27 - 124.32 Weak Sericite>> Polymictic clasts variably altered Se-Bi-Cl-Ab
<<Alt: 120.27 - 124.32 Weak Calcite>> Interstitial Ca forms matrix between lithic in volcaniclastic unit

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 105.70 | 107.70 | 2.00 | 2571276 | 0.6 | 40.41 | 1.84 | 27.26 | 86.7 |
| 107.70 | 108.80 | 1.10 | 2571277 | -0.2 | 61.15 | 2.26 | 11.75 | 131.1 |
| 108.80 | 110.15 | 1.35 | 2571278 | 0.3 | 57.68 | 6.6 | 12.64 | 88.4 |
| 110.15 | 111.15 | 1.00 | 2571279 | 2.3 | 59.66 | 2.48 | 7.75 | 72.1 |
| 111.15 | 112.44 | 1.29 | 2571280 | 8.4 | 52.6 | 1.61 | 11.83 | 67 |
| 112.44 | 112.92 | 0.48 | 2571281 | 0.3 | 55.48 | 11.13 | 23.41 | 93.1 |
| 112.92 | 113.47 | 0.55 | 2571282 | 4.6 | 91.11 | 0.9 | 39.49 | 93.4 |
| 113.47 | 115.00 | 1.53 | 2571283 | 0.3 | 64.67 | 5.16 | 17.09 | 211.7 |
| 115.00 | 117.00 | 2.00 | 2571284 | 0.7 | 63.93 | 3.9 | 14.09 | 177.8 |
| 117.00 | 119.00 | 2.00 | 2571286 | -0.2 | 59.72 | 1.79 | 15.49 | 104 |
| 119.00 | 120.27 | 1.27 | 2571287 | -0.2 | 54.55 | 9.36 | 12.47 | 134.6 |
| 120.27 | 122.00 | 1.73 | 2571288 | 2.6 | 59.2 | 1.99 | 6.04 | 65.4 |
| 122.00 | 123.00 | 1.00 | 2571289 | 4.1 | 57.17 | 1.26 | 5.59 | 71.9 |
| 123.00 | 124.32 | 1.32 | 2571290 | 4.1 | 60.85 | 1.47 | 6.88 | 73.4 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Alt: 120.27 - 124.32  Weak Biotite>>

<<Alt: 120.27 - 124.32  Weak Albitisation >>

**124.32   140.05   ARGC   Calcareous graphitic argillite   black   VFG**

124.32 - 140.05: Graphitic argillite with commonly thin Ca-rich bands. Weak fracturing with blotchy coarse grained diss Py

<<Min: 124.32 - 140.05  2% pyrite>>   Patchy blebby coarse grained diss Py with minor fracture filling Py.

<<Alt: 124.32 - 140.05  Weak Calcite>>   Banded and fracture filling Ca

**140.05   176.60   APFW   Pyroxene Andesite Porphyry Flow   green-brown   MCG**

140.05 - 176.6: Andesitic pyroxene-plagioclase porphyry contains white plagioclase phenos (2-3 mm) often lath shaped and clustered (snowflakes). Pyroxene often Se-Cl altered with fuzzy green margins and surfaces. Groundmass has a weak to moderate Se-Cl overprint, locally cut by Qz-Ca stringers with Bi a altered groundmass.

<<Min: 140.05 - 158  0.1% pyrite>>   Trace amounts of fracture related Py

<<Min: 158 - 158.3  2% pyrite>>   Coarse diss Py associated with short interval of Qz veining and Ab alteration

<<Min: 158.3 - 236.6  0.3% pyrite>>   Very weakly mineralize andesitic porphyry flow. Locally fracture related Py

<<Alt: 140.05 - 146  Weak Sericite>>   Trace Se alteration, patchy often occurring near veining

<<Alt: 140.05 - 146  Weak to moderate Biotite>>   Weak pervasive Bi altered groundmass

<<Alt: 146 - 153  Weak to moderate Sericite>>   Weak to locally mod pervasive Se overprint of groundmass, with minor Cl alteration of pyroxene phenos

<<Alt: 148 - 148.3  Weak Quartz>>   Short interval with Qz veining and patchy Ab alteration of rock, 2% diss Py

<<Alt: 148 - 148.3  Weak to moderate Albitisation >>

<<Alt: 153 - 154.7  Weak Quartz>>

<<Alt: 153 - 154.7  Weak to moderate Biotite>>   Weak pervasive alteration of fine grained groundmass within Qz-Ca stringer zone with weak patchy silicification.

<<Alt: 154.7 - 169.25  Weak to moderate Sericite>>   Pervasively Se-Cl altered groundmass

<<Alt: 154.7 - 176.6  Weak Clay>>   Fracturing related clay alteration, weak occurring intermittently

<<Alt: 169.25 - 169.9  Weak to moderate Quartz>>

<<Alt: 169.25 - 169.9  Weak to moderate Epidote-Chlorite>>   Patchy epidote, mottle texture altering groundmass in weakly-mod silicified interval

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 124.32 | 126.00 | 1.68 | 2571291 | -0.2 | 51.84 | 12.67 | 8.48 | 106.3 |
| 126.00 | 128.00 | 2.00 | 2571292 | -0.2 | 59.59 | 4.5 | 8.11 | 247.9 |
| 128.00 | 130.00 | 2.00 | 2571293 | -0.2 | 53.12 | 1.78 | 6.13 | 95.7 |
| 130.00 | 132.00 | 2.00 | 2571294 | 0.2 | 60.79 | 5.84 | 8.34 | 154.3 |
| 132.00 | 134.00 | 2.00 | 2571295 | -0.2 | 61.68 | 16.37 | 9.71 | 85.8 |
| 134.00 | 136.00 | 2.00 | 2571296 | 0.7 | 58.91 | 14.06 | 14.61 | 96.5 |
| 136.00 | 138.00 | 2.00 | 2571297 | -0.2 | 59.04 | 26.19 | 13.04 | 85.8 |
| 138.00 | 140.05 | 2.05 | 2571298 | -0.2 | 61.52 | 20.43 | 12.24 | 99.1 |
| 140.05 | 142.05 | 2.00 | 2571299 | 1.9 | 145.66 | 1.38 | 3.01 | 44.6 |
| 142.05 | 144.05 | 2.00 | 2571301 | 1.7 | 149.38 | 0.63 | 2.42 | 37.3 |
| 144.05 | 146.00 | 1.95 | 2571302 | 1.5 | 151.71 | 0.7 | 3.23 | 37.3 |
| 146.00 | 148.00 | 2.00 | 2571303 | 1.8 | 150.11 | 0.52 | 4.16 | 35.9 |
| 148.00 | 148.50 | 0.50 | 2571304 | 1.2 | 178.32 | 1.71 | 7.7 | 42.5 |
| 148.50 | 150.50 | 2.00 | 2571306 | 1.7 | 149.69 | 0.62 | 3.46 | 38.4 |
| 150.50 | 152.00 | 1.50 | 2571307 | 1.2 | 153.41 | 0.2 | 2.62 | 38.9 |
| 152.00 | 153.00 | 1.00 | 2571308 | 0.9 | 163.47 | 0.61 | 3.19 | 46.9 |
| 153.00 | 154.70 | 1.70 | 2571309 | 2.2 | 176.72 | 1.27 | 49.51 | 66.2 |
| 154.70 | 155.70 | 1.00 | 2571311 | 1.8 | 159.58 | 0.75 | 2.73 | 44.4 |
| 155.70 | 157.70 | 2.00 | 2571312 | 1.6 | 157.97 | 0.57 | 3.31 | 41.4 |
| 157.70 | 159.70 | 2.00 | 2571313 | 0.7 | 158.6 | 0.48 | 2.67 | 39.9 |
| 159.70 | 161.70 | 2.00 | 2571314 | 1.4 | 165.61 | 0.39 | 2.23 | 40.8 |
| 161.70 | 163.70 | 2.00 | 2571315 | 0.9 | 176.7 | 0.43 | 2.26 | 41.9 |
| 163.70 | 165.70 | 2.00 | 2571316 | 2.5 | 156.23 | 0.4 | 2.91 | 40.1 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | |

<<Vein: 140.05 - 146 2% Calcite>> Thin discordant Ca stringer zone, appears to have association with Bi altered groundmass.

<<Vein: 148 - 148.3 10% Quartz 20 deg. >> Discrete Qz veining with patchy Ab alteration

<<Vein: 153 - 154.7 5% Quartz-Carbonate>> Qz-Ca stringer zone, discordant, 1-2mm veinlets cut core axis at irregular angles

<<Struc: 154.2 - 176.6 Weak Fractured>> Weak locally fractured intervals with minor associated clay alteration, interval contains short brecciated intervals, healed with Se-Cl altered matrix

**176.60 212.46 APFW Pyroxene Andesite Porphyry Flow grey-green MCG**

176.6 - 212.46: Andesite pyroxene-plag porphyry strongly broken and faulted, Se-Cl-Cy altered. Breccia and fault gouge common.

<<Alt: 176.6 - 212.46 Weak to moderate Sericite>> Strongly faulted interval of andesite, with pervasive Se-Cl overprint fracture/fault related clay alteration and patchy weak to trace Ep.

<<Alt: 176.6 - 212.46 Weak Epidote-Chlorite>>

<<Alt: 176.6 - 212.46 Moderate Clay>>

<<Alt: 176.6 - 212.46 Weak to moderate Chlorite >>

<<Struc: 176.6 - 212.46 moderate to strong Fault zone>> Large, locally strong fault zone with large intervals of gouge and brecciated core. Se-Cl-Cy altered.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 165.70 | 167.70 | 2.00 | 2571317 | 6.2 | 150.73 | 0.8 | 3.1 | 41.2 |
| 167.70 | 169.25 | 1.55 | 2571318 | 3.4 | 138.48 | 0.65 | 2.75 | 37.7 |
| 169.25 | 169.90 | 0.65 | 2571319 | 2.7 | 124.4 | 0.75 | 2.51 | 32.4 |
| 169.90 | 171.90 | 2.00 | 2571320 | 2.6 | 186.63 | 0.58 | 1.94 | 43.2 |
| 171.90 | 173.30 | 1.40 | 2571321 | 0.4 | 173.45 | 0.31 | 2.23 | 43.3 |
| 173.30 | 175.30 | 2.00 | 2571322 | 1.9 | 181.21 | 1.09 | 3.07 | 48.2 |
| 175.30 | 176.60 | 1.30 | 2571323 | 1.2 | 176.45 | 0.61 | 2.44 | 44 |
| 176.60 | 178.60 | 2.00 | 2571324 | 0.9 | 148.57 | 1.25 | 2.29 | 42.1 |
| 178.60 | 180.20 | 1.60 | 2571326 | 1.1 | 167.01 | 0.5 | 2.16 | 44.2 |
| 180.20 | 182.20 | 2.00 | 2571327 | 4.9 | 166.2 | 0.6 | 1.67 | 41.2 |
| 182.20 | 184.10 | 1.90 | 2571328 | 2.5 | 183.19 | 0.24 | 1.8 | 45.8 |
| 184.10 | 186.10 | 2.00 | 2571329 | 4.4 | 164.55 | 0.94 | 2.72 | 44.8 |
| 186.10 | 187.80 | 1.70 | 2571330 | 1 | 154.11 | 1.11 | 2.93 | 45.9 |
| 187.80 | 189.80 | 2.00 | 2571331 | 0.5 | 162.19 | 0.83 | 3.97 | 51.9 |
| 189.80 | 191.80 | 2.00 | 2571332 | 1.4 | 177.6 | 0.87 | 2.18 | 48.7 |
| 191.80 | 193.80 | 2.00 | 2571333 | 0.6 | 177.77 | 0.97 | 2.14 | 46.9 |
| 193.80 | 195.80 | 2.00 | 2571334 | 0.5 | 185.04 | 0.48 | 2.1 | 45.2 |
| 195.80 | 197.80 | 2.00 | 2571335 | 0.8 | 194.12 | 0.31 | 1.64 | 43.5 |
| 197.80 | 199.80 | 2.00 | 2571336 | 0.3 | 185.28 | 0.34 | 2.16 | 49.4 |
| 199.80 | 201.80 | 2.00 | 2571337 | 1.4 | 189.54 | 0.53 | 2.41 | 43.8 |
| 201.80 | 203.80 | 2.00 | 2571338 | 0.4 | 169.35 | 0.8 | 2.85 | 49.4 |
| 203.80 | 205.80 | 2.00 | 2571339 | 1.1 | 150.51 | 0.41 | 2.92 | 50.8 |
| 205.80 | 207.80 | 2.00 | 2571341 | 2.5 | 142.41 | 0.4 | 3.72 | 49.4 |
| 207.80 | 209.80 | 2.00 | 2571342 | 1.8 | 169.99 | 0.23 | 3.03 | 51.1 |
| 209.80 | 211.50 | 1.70 | 2571343 | 1.4 | 163.83 | 0.48 | 2.82 | 51.9 |
| 211.50 | 212.46 | 0.96 | 2571344 | 0.8 | 71.94 | 0.37 | 8.5 | 76.1 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**212.46 227.00 APXT Pyroxene Andesite Crystal Tuff grey-green FMG**

212.46 - 227: Andesite crystal tuff, bimodal grain sizes. Med grained pyroxene-plag rich intervals with very fine tuffaceous foliated sections. Unit is characterized by the loss of white plag phenos in above porphyry flow and also contains Ca amygdules/vesicles

<<Alt: 212.46 - 227 Weak to moderate Sericite>> Patchy Se-Cl overprint of rock matrix and often altering pyroxene crystals

<<Alt: 212.46 - 227 Weak to moderate Chlorite >>

<<Alt: 212.46 - 227 Weak Calcite>> Blebby calcite amygdules/vesicles occasionally containing pink staining He-Kspar?

<<Struc: 219.5 - 219.5 Weak Foliated>> Foliation within fine grained tuffaceous interval

**227.00 236.60 ANTF Andesitic tuff green-brown FG**

227 - 236.6: Fine grained well to mod foliated andesitic tuff. Wispy Bi-Se-Cl altered with minor 1-2 mm Ca amygdules.

<<Alt: 227 - 235 Weak to moderate Sericite>>

<<Alt: 227 - 235 Weak to moderate Chlorite >> Well foliated andesitic tuff, Bi-Se-Cl alteration assemblage foliated and wispy

<<Alt: 227 - 235 Weak to moderate Biotite>>

<<Alt: 235 - 236.6 Moderate Sericite>> Pervasive homogenous Se altered footwall of tuff

<<Struc: 227.1 - 227.1 Weak Foliated>> Well foliated upper margin of andesite tuff

**236.60 241.40 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green FCG**

236.6 - 241.4: Plagioclase-quartz monzonite porphyry consisting of mostly white plagioclase phenos 2-3 mm within a fine grained siliceous matrix. Weak Se alteration overprint with rare Cl altered phenos.

<<Alt: 236.6 - 241.4 Weak Sericite>> Weak patchy to pervasive Se overprint

**241.40 246.10 APXT Pyroxene Andesite Crystal Tuff green-brown FMG**

241.4 - 246.1: Pyroxene-rich andesitic tuff pervasively Se-Cl altered greenish brown homogenous unit. No plagioclase phenos visible. Similar to previous crystal tuff without Ca amygdules

<<Min: 241.4 - 300.84 0.3% pyrite>> Weakly mineralized, sporadic fracture related Py, weak

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 212.46 | 214.46 | 2.00 | 2571346 | 1.1 | 143.34 | 1.4 | 3.17 | 54.3 |
| 214.46 | 216.46 | 2.00 | 2571347 | 2 | 144.84 | 1.24 | 2.68 | 52.7 |
| 216.46 | 218.46 | 2.00 | 2571348 | 7.2 | 164.53 | 1.72 | 3.54 | 55.3 |
| 218.46 | 220.46 | 2.00 | 2571349 | 1.7 | 140.83 | 1.4 | 5.22 | 54.3 |
| 220.46 | 222.46 | 2.00 | 2571351 | 7.8 | 159.63 | 1.47 | 3.08 | 50 |
| 222.46 | 224.46 | 2.00 | 2571352 | 0.9 | 148.68 | 1.31 | 3.23 | 45.7 |
| 224.46 | 226.00 | 1.54 | 2571353 | 2.6 | 149.56 | 1.37 | 2.49 | 51.1 |
| 226.00 | 227.00 | 1.00 | 2571354 | 2.1 | 168.34 | 1.11 | 4.76 | 54.6 |
| 227.00 | 229.00 | 2.00 | 2571355 | 7.1 | 148.79 | 1.77 | 5.17 | 59 |
| 229.00 | 231.00 | 2.00 | 2571356 | 8.3 | 150.35 | 1.15 | 2.5 | 58.2 |
| 231.00 | 233.00 | 2.00 | 2571357 | 2.6 | 138.03 | 1.86 | 4.05 | 55.5 |
| 233.00 | 235.00 | 2.00 | 2571358 | 3.4 | 145.86 | 1.75 | 6.22 | 64.3 |
| 235.00 | 236.60 | 1.60 | 2571359 | 11.5 | 113.55 | 1.23 | 7.61 | 72.2 |
| 236.60 | 237.60 | 1.00 | 2571360 | | 19.38 | 2.08 | 9.98 | 63.3 |
| 237.60 | 239.60 | 2.00 | 2571361 | | 5.22 | 0.09 | 9.69 | 76.6 |
| 239.60 | 241.40 | 1.80 | 2571362 | 1.7 | 8.69 | 0.33 | 10.58 | 76.4 |
| 241.40 | 243.40 | 2.00 | 2571363 | 2.8 | 101.23 | 1.63 | 3.69 | 58.2 |
| 243.40 | 245.00 | 1.60 | 2571364 | 2.7 | 102.58 | 0.96 | 2.4 | 50.8 |

From (m) To (m) Rocktype & Description

<<Alt: 241.4 - 246.1 Weak to moderate Sericite>> Patchy to pervasive Se-Cl fine grained alteration overprint

<<Alt: 241.4 - 246.1 Weak to moderate Chlorite >>

**246.10 250.60 LPXT Pyroxene Latitic Crystal Tuff green-brown MCG**

246.1 - 250.6: Latitic crystal tuff containing crowded 1 mm feldspar crystals within Bi matrix. Speckled texture.

<<Alt: 246.1 - 250.6 Weak Sericite>> Weak patchy Se alteration of crystal-rich tuff.

**250.60 300.84 APXT Pyroxene Andesite Crystal Tuff green-brown FCG**

250.6 - 300.84: Variably textured andesitic crystal tuff, containing healed brecciated intervals and patchy/blotchy Se-Cl alteration. Brecciated intervals contain interstitial calcite matrix and contain pebble to cobble size fragments.

<<Alt: 250.6 - 300.84 Moderate Sericite>> Patchy/blotchy Se-Cl alteration persistent throughout brecciated units

<<Alt: 250.6 - 300.84 Moderate Chlorite >>

<<Alt: 254.1 - 254.95 Weak Calcite>> Interstitial Ca healed breccia

<<Alt: 260.1 - 262.9 Weak Kaolinite>>

<<Alt: 260.1 - 262.9 Weak Epidote-Chlorite>> Weak patchy Ep-Kspar alteration occurring in locally fractured intervals

<<Alt: 260.1 - 262.9 Weak Clay>>

<<Alt: 267.31 - 267.82 Weak Calcite>> Interstitial calcite within healed breccia

<<Alt: 271.6 - 282 Weak to moderate Calcite>> Interstitial calcite within healed breccia

<<Alt: 287.9 - 289.6 Weak Epidote-Chlorite>> Weak patchy Ep +/- Kspar trace

<<Struc: 254.1 - 254.95 Weak to moderate breccia>> Clast supported breccia with Ca healed matrix 45 degrees TCA at footwall contact

<<Struc: 260.1 - 261.6 Weak Fractured>> Interval contains three 10-20cm fractured intervals with Ep-Kspar-Cy alteration

<<Struc: 267.31 - 267.82 Weak to moderate breccia>> Clast supported breccia with Ca healed matrix

<<Struc: 271.6 - 283.7 Moderate breccia>> Clast supported breccia with Ca healed matrix Se-Cl altered at footwall with diffuse boundary.

<<Struc: 289.6 - 290.22 Weak to moderate breccia>> Brecciated andesite crystal tuff with Ca healed matrix clast supported with variable fragment size 5mm- 8cm. 40 degrees TCA at footwall.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 245.00 | 246.10 | 1.10 | 2571366 | 3.4 | 104.26 | 1.32 | 14.37 | 66.3 |
| 246.10 | 248.10 | 2.00 | 2571367 | 4 | 21.56 | 0.28 | 16.15 | 79.9 |
| 248.10 | 249.60 | 1.50 | 2571368 | 1.4 | 10.6 | 0.21 | 10.7 | 75.3 |
| 249.60 | 250.60 | 1.00 | 2571369 | 1.4 | 10.05 | 0.28 | 8.87 | 81.1 |
| 250.60 | 252.60 | 2.00 | 2571370 | 2 | 120.55 | 1.55 | 2.82 | 63 |
| 252.60 | 254.10 | 1.50 | 2571371 | 2.7 | 88.97 | 1.44 | 4.08 | 63.8 |
| 254.10 | 254.95 | 0.85 | 2571372 | 2.1 | 101.44 | 0.57 | 3.33 | 51.7 |
| 254.95 | 256.95 | 2.00 | 2571373 | 2.6 | 122.52 | 0.54 | 5.32 | 60.5 |
| 256.95 | 258.95 | 2.00 | 2571374 | 3 | 75.55 | 0.58 | 2.77 | 57.9 |
| 258.95 | 260.10 | 1.15 | 2571375 | 1.9 | 95.28 | 0.29 | 4.3 | 49.2 |
| 260.10 | 261.60 | 1.50 | 2571376 | 3 | 44.23 | 0.32 | 2.64 | 31.7 |
| 261.60 | 262.90 | 1.30 | 2571377 | 2.6 | 80.73 | 0.28 | 2.81 | 33.2 |
| 262.90 | 264.90 | 2.00 | 2571378 | 2.2 | 75.93 | 0.47 | 4.22 | 43 |
| 264.90 | 266.90 | 2.00 | 2571379 | 1.7 | 65.97 | 1.3 | 3.04 | 46.6 |
| 266.90 | 267.90 | 1.00 | 2571381 | 2.5 | 93.36 | 1.21 | 2.73 | 48.6 |
| 267.90 | 269.90 | 2.00 | 2571382 | 2.3 | 79.6 | 1.91 | 3.3 | 50.5 |
| 269.90 | 271.60 | 1.70 | 2571383 | 4.7 | 81.9 | 0.74 | 4.77 | 54.2 |
| 271.60 | 273.60 | 2.00 | 2571384 | 1.7 | 87.56 | 0.62 | 1.97 | 43.4 |
| 273.60 | 275.60 | 2.00 | 2571386 | 1.8 | 91.27 | 0.41 | 1.89 | 45.1 |
| 275.60 | 277.60 | 2.00 | 2571387 | 1.9 | 86.51 | 0.39 | 1.94 | 36.2 |
| 277.60 | 279.60 | 2.00 | 2571388 | 1.4 | 88.82 | 0.55 | 2.46 | 39 |
| 279.60 | 281.00 | 1.40 | 2571389 | 2.8 | 99.92 | 0.76 | 2.4 | 48 |
| 281.00 | 282.00 | 1.00 | 2571391 | 0.8 | 82.49 | 0.54 | 4.41 | 42.7 |
| 282.00 | 283.70 | 1.70 | 2571392 | 2.7 | 103.08 | 0.85 | 3.38 | 57.8 |
| 283.70 | 285.70 | 2.00 | 2571393 | -0.2 | 68.96 | 1.71 | 1.01 | 42.1 |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 285.70 | 287.70 | 2.00 | 2571394 | 12.6 | 71.33 | 0.52 | 1.84 | 44.3 |
| | | | 287.70 | 289.60 | 1.90 | 2571395 | 2.2 | 79.32 | 1.06 | 2.78 | 52.7 |
| | | | 289.60 | 290.22 | 0.62 | 2571396 | -0.2 | 76.34 | 0.45 | 4.07 | 48.1 |
| | | | 290.22 | 292.00 | 1.78 | 2571397 | -0.2 | 117.29 | 0.66 | 4.75 | 43.2 |
| | | | 292.00 | 294.00 | 2.00 | 2571398 | -0.2 | 93.8 | 0.57 | 4.41 | 47.4 |
| | | | 294.00 | 296.00 | 2.00 | 2571399 | 0.5 | 142.18 | 0.75 | 5.39 | 63.1 |
| | | | 296.00 | 297.00 | 1.00 | 2571400 | -0.2 | 109.76 | 2.05 | 4.06 | 56.9 |
| | | | 297.00 | 299.00 | 2.00 | 2571401 | -0.2 | 119.65 | 1.33 | 3.94 | 64.8 |
| | | | 299.00 | 300.84 | 1.84 | 2571402 | -0.2 | 93.98 | 0.56 | 3.32 | 55.4 |

**End of Hole @ 300.84**

GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1028

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Prospect: | Snell | Hole Type: | DD | Survey Type: | GPS | Logged By: | Mike Leidl |
| Grid: | NAD83_Z10 | Hole Diameter: | | Survey By: | Mike Leidl | Date Logging Start: | 9/16/2016 |
| UTM Easting | 430270 | Core Size: | NQ | Azimuth: | 270 | Date Logging Complete: | 9/20/2016 |
| UTM Northing: | 6112653 | Casing Pulled?: | Yes | Dip: | -75 | Drill Company: | LDS |
| UTM Elev. (m): | 1114 | Casing Depth (m): | 34.44 | Length (m): | 428.85 | Drill Rig: | Rig1 |
| Local Easting: | | Stored?: | Yes | Claims Title | | Drill Started: | 9/14/2016 |
| Local Northing: | | Cemented?: | No | Core Storage Loc.: | TCM Core Shack | Drill Completed: | 9/18/2016 |
| Local Elev. (m): | | | | Hole Completed?: | Completed | Purpose: | |
| | | | | | | Parent Hole: | |

Comments:

DDH 16-1028 was drilled to a depth of 428.85 m, and was designed to test the central part of the Snell chargeability anomaly and coincident high conductivity anomaly. Casing was set at 34.44 m in a broken and faulted Trachyte dyke (26%), which sits above a sequence of interleaved calcareous to graphitic argillite (57%) and variably textured felsic to intermediate intrusions (15%) to 74 m. To the bottom of the hole, lithologies are comprised of alternating intervals of pyroxene-phyric andesite porphyry flow (73%), siliceous monzonite porphyry (24%) and three short intervals of monzonite volcanic hybrid (3%). The most significant occurrence of chalcopyrite was a roughly 2 mm bleb, hosted within a Qz-Ca vein near the bottom of the hole at 426.7 m.

***Downhole Surveys:***

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | -73.7632 | 270.3 | | | TN14 | Mike Leidl | 9/18/2016 | | ☑ | |
| 6.096 | -74.3066 | 271.806 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 12.192 | -74.3255 | 271.885 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 18.288 | -74.529 | 272.8334 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 24.384 | -74.6767 | 273.3489 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 30.48 | -74.5021 | 272.5969 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 36.576 | -74.4939 | 272.0354 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 42.672 | -74.5797 | 272.408 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 48.768 | -74.5942 | 272.3921 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 54.864 | -74.6313 | 272.5372 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 60.96 | -74.6142 | 272.7245 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 67.056 | -74.4691 | 272.8783 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 73.152 | -74.594 | 273.2831 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 79.248 | -74.5383 | 273.1839 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 85.344 | -74.5633 | 273.7597 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 91.44 | -74.5377 | 273.7093 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 97.536 | -74.5018 | 274.0548 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 103.632 | -74.4285 | 274.1528 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 109.728 | -74.4648 | 274.4572 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 115.824 | -74.392 | 274.9394 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 121.92 | -74.2687 | 275.0343 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 128.016 | -74.1957 | 275.2978 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 134.112 | -74.1885 | 275.4367 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 140.208 | -74.1685 | 275.6879 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 146.304 | -74.1293 | 275.7411 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 152.4 | -74.1998 | 276.0469 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 158.496 | -74.0632 | 275.6876 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 164.592 | -74.0287 | 276.1106 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 170.688 | -74.0748 | 276.3274 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 176.784 | -73.9955 | 276.3971 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 182.88 | -74.0405 | 276.5191 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 188.976 | -73.8438 | 276.7905 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 195.072 | -74.0296 | 276.8369 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 201.168 | -74.0713 | 277.1817 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 207.264 | -73.9262 | 277.0568 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 213.36 | -74.0114 | 277.2782 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 219.456 | -74.0164 | 277.3996 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 225.552 | -73.919 | 277.6433 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 231.648 | -73.9376 | 277.7838 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 237.744 | -73.6778 | 277.8407 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 243.84 | -73.801 | 278.1141 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 249.936 | -73.7283 | 278.5069 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 256.032 | -73.7792 | 278.7184 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 262.128 | -73.7546 | 278.9895 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 268.224 | -73.6791 | 279.2018 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 274.32 | -73.7086 | 279.2735 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 280.416 | -73.7343 | 279.6922 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 286.512 | -73.7335 | 279.5737 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 292.608 | -73.7058 | 280.0376 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 298.704 | -73.7272 | 279.9511 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 304.8 | -73.7512 | 280.1404 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 310.896 | -73.7018 | 280.2679 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |
| 316.992 | -73.7284 | 280.4377 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ✓ | |

| Depth (m) | Dip | Measured Azimuth | Correction Factor | Corrected Azimuth | Survey Type | Survey By | Survey Date | Mag Field | Accept Values? | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 323.088 | -73.5754 | 280.7346 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 329.184 | -73.7287 | 280.7866 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 335.28 | -73.7142 | 280.954 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 341.376 | -73.7114 | 281.3974 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 347.472 | -73.7563 | 281.6882 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 353.568 | -73.7191 | 281.8873 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 359.664 | -73.7435 | 282.1758 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 365.76 | -73.7138 | 282.3865 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 371.856 | -73.687 | 282.6729 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 377.952 | -73.681 | 282.8066 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 384.048 | -73.642 | 283.1389 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 390.144 | -73.6839 | 283.1079 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |
| 396.24 | -73.715 | 283.256 | | | Reflex Gyr | Mike Leidl | 9/18/2016 | | ☑ | |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 34.44 | 36.44 | 2.00 | 2587001 | -0.2 | 10.31 | 0.75 | 3.01 | 62.6 |
| 36.44 | 38.44 | 2.00 | 2587002 | -0.2 | 15.23 | 0.68 | 1.92 | 51.2 |
| 38.44 | 40.44 | 2.00 | 2587003 | 10 | 13.69 | 0.89 | 2.37 | 49.8 |
| 40.44 | 42.44 | 2.00 | 2587004 | 3.5 | 22.58 | 0.93 | 2.07 | 36.6 |
| 42.44 | 44.00 | 1.56 | 2587006 | -0.2 | 31.24 | 0.8 | 1.41 | 38.6 |
| 44.00 | 45.00 | 1.00 | 2587007 | 0.7 | 23.32 | 1.1 | 1.94 | 41.6 |
| 45.00 | 47.05 | 2.05 | 2587008 | -0.2 | 65.08 | 16.91 | 17.72 | 121.8 |

From (m) To (m) Rocktype & Description

**0.00 34.44 CASE Casing/Overburden**

0 - 34.44: Night shift originally set casing at ~33.4 m but hole caved and day shift reamed another meter.

<<Struc: 34.4 - 46 Moderate Fault zone>> Broken and locally FLT gouged rocks at top of the hole deforming both felsic dyke and graphitic argillite down hole

**34.44 45.00 TRD Trachyte Post-Mineral Dyke light grey MG**

34.44 - 45: Equigranular trachytic dyke containing crowded, flow aligned lath shaped feldspar phenos within fine grained grey matrix. Unit is broken and locally gouged. Fracture related Py 1-2%

<<Min: 34.44 - 44.81 1.5% pyrite>> Diss Py occurring mostly along fractured faces within trachyte dyke.

<<Min: 44.81 - 47.05 2% pyrite>> Fracture filling pyrite with small localized amounts of Po

<<Min: 44.81 - 47.05 0.3% pyrrhotite>>

<<Alt: 34.44 - 45 Weak to moderate Clay>> Fault and fracturing related clay alteration in otherwise weakly altered dyke

<<Alt: 34.44 - 45 Weak Chlorite >> Weak Cl occurring intermittently along fractured faces

**45.00 47.05 ARGC Calcareous graphitic argillite black VFG**

45 - 47.05: Graphitic argillite with light grey calcareous banding at 35 degrees TCA. Top of unit is fractured and locally broken. ~3% fracture filling Py with ~0.3% Po

<<Alt: 45 - 47.05 Weak Calcite>> Thinly banded calcareous argillite with minor Ca healed fracturing in top of interval

<<Struc: 46.15 - 46.15 Weak Finely laminated/laminated/finely bedded>> Bedding plane within argillite

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## GeoSpark Logger ~ Drill Log

**Project:** Mt Milligan **Hole Number:** 16-1028

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 47.05 | 48.00 | 0.95 | 2587009 | -0.2 | 63.34 | 1.84 | 5.71 | 93.2 |
| 48.00 | 49.50 | 1.50 | 2587010 | -0.2 | 64.93 | 4.15 | 6.68 | 84.4 |
| 49.50 | 51.50 | 2.00 | 2587011 | 0.4 | 54.63 | 21.69 | 11.03 | 80.5 |
| 51.50 | 53.50 | 2.00 | 2587012 | 0.5 | 53.25 | 31.37 | 10.56 | 70.8 |
| 53.50 | 55.20 | 1.70 | 2587013 | -0.2 | 52.06 | 22.89 | 15.75 | 79.8 |
| 55.20 | 56.10 | 0.90 | 2587014 | 0.2 | 59.21 | 4.51 | 10.68 | 144.6 |
| 56.10 | 57.35 | 1.25 | 2587015 | -0.2 | 56.73 | 3.02 | 7.79 | 126.6 |
| 57.35 | 58.10 | 0.75 | 2587016 | 0.3 | 44.84 | 3.62 | 5.27 | 81.1 |
| 58.10 | 59.50 | 1.40 | 2587017 | -0.2 | 60.54 | 4.9 | 5.54 | 126.9 |

From (m) To (m) Rocktype & Description

### 47.05 49.50 XNMZ Xenolithic Monzonite grey pink MCG

47.05 - 49.5: Medium to coarse grained felsic monzonite breccia containing ~5% large 1-3 cm lithic fragments. Breccia pipe? Locally contains Ca matrix. Unit is medium pinkish-grey in colour with mottled texture as fragments are variably altered. Diss Po-Py 3% with trace diss As

<<Min: 47.05 - 49.5 1% pyrite>>

<<Min: 47.05 - 49.5 2% pyrrhotite>> Coarse grained diss Po

<<Min: 47.05 - 49.5 0.1% arsenopyrite>> Trace diss As, f.g

<<Alt: 47.05 - 49.5 Weak Sericite>> Patchy fine grained Se overprint with localized Ca altered groundmass

<<Alt: 47.05 - 49.5 Weak Potassium feldspar>> Rarely occurring as replacement of small 1-3mm lithic fragments

<<Alt: 47.05 - 49.5 Weak Calcite>>

### 49.50 55.20 ARGC Calcareous graphitic argillite black VFG

49.5 - 55.2: Banded-laminated graphitic calcareous argillite. Competent with minor Ca stringers and fracture filling Py 1-2% trace diss Po

<<Min: 49.5 - 56.1 1% pyrite>>

<<Alt: 49.5 - 55.2 Weak Calcite>>

<<Vein: 53 - 58 2% Carbonate-Sulphide>> Thin Ca stringer zone, weak but crosses lithologies, often containing Py-Po

<<Struc: 50.09 - 50.09 Weak Finely laminated/laminated/finely bedded>> Bedding plane within argillite

### 55.20 57.35 ARGL Argillite light grey VFG

55.2 - 57.35: Very fine grained, competent calcareous argillite with minor black graphitic banding in top of interval. Same rock unit as above argillite but gradually transitions to Ca-rich with stronger mineralization. Banded/fracture filling Py 6%, Po 1%

<<Min: 56.1 - 58.1 6% pyrite>> Locally strongly diss in 4cm band. Fracture filling elsewhere.

<<Min: 56.1 - 58.1 1% pyrrhotite>>

<<Alt: 55.2 - 57.35 Moderate Calcite>>

### 57.35 59.50 LNTF Latitic Tuff light grey FG

57.35 - 59.5: Fine grained felsic tuff with rare Qz-eyes and silicified intervals containing very thin laminations. Localized discordant stockwork-style fracturing is Py-Po healed with light grey to pink alteration halos (Alkalic?).

<<Min: 58.1 - 60.3 1% pyrite>> Fracture filling to locally finely diss within silicified interval of felsic tuff

<<Min: 58.1 - 60.3 0.3% pyrrhotite>>

<<Alt: 57.35 - 59.5 Weak Albitisation >> Ab-Kspar alt'n halos around Py-Po healed fracturing/veining

<<Alt: 58 - 58.6 Moderate Quartz>> Pervasively silicified interval with thin laminations, unsure if its a primary or secondary alteration feature?

| From (m) | To (m) | Rocktype & Description | | |
|---|---|---|---|---|
| **59.50** | **60.90** | **LPXT Pyroxene Latitic Crystal Tuff** | **grey-brown** | **FMG** |

59.5 - 60.9: Hornblende phyric, intermediate dyke. Fine grained locally pervasively Bi altered fine grained matrix, porphyroblastic texture.

<<Min: 60.3 - 74 3% pyrite>> Fracture filling to coarse blebby Py-Po mineralization, similar style and percentage crosses lith boundaries.

<<Min: 60.3 - 74 2% pyrrhotite>>

<<Alt: 59.5 - 60.3 Moderate Biotite>> Pervasive soft brown Bi altered groundmass in intermediate hornblende phyric dyke

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 59.50 | 60.90 | 1.40 | 2587018 | 0.6 | 58.59 | 4.74 | 4.07 | 88 |

| From (m) | To (m) | Rocktype & Description | | |
|---|---|---|---|---|
| **60.90** | **69.00** | **ARGC Calcareous graphitic argillite** | **black** | **VFG** |

60.9 - 69: Banded graphitic calcareous argillite, competent with frequent Ca-healed fracturing and fracture filling Py.

<<Alt: 60.9 - 69 Weak to moderate Calcite>> Fracture related and banded Ca, typical of argillite intervals

<<Alt: 65 - 65.1 Moderate Clay>> Short Flt Gouge, locally mod clay altered

<<Struc: 64.1 - 65.2 Weak Fractured>> Fractured interval of argillite Qz-Ca healed with short 5cm gouged interval. Fracturing occurs at irregular angles, strongly discordant

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 60.90 | 62.00 | 1.10 | 2587019 | 0.3 | 64.39 | 12.76 | 10.92 | 158 |
| 62.00 | 64.00 | 2.00 | 2587021 | 0.2 | 69.44 | 13.34 | 10.48 | 112.4 |
| 64.00 | 66.00 | 2.00 | 2587022 | 0.4 | 63.89 | 6.4 | 11.17 | 124.5 |
| 66.00 | 68.00 | 2.00 | 2587023 | -0.2 | 61.86 | 14.84 | 7.63 | 97.2 |
| 68.00 | 69.00 | 1.00 | 2587024 | -0.2 | 64.78 | 18.93 | 6.51 | 99.1 |

| From (m) | To (m) | Rocktype & Description | | |
|---|---|---|---|---|
| **69.00** | **72.00** | **ARGL Argillite** | **light grey** | **VFG** |

69 - 72: Locally silicified calcareous argillite? Very fine grained light grey with very thin 1 mm dark bands. Footwall contains short fault gouge and felsic intrusion similar in texture and composition to XNMZ intersected above.

<<Alt: 69 - 71 Moderate Calcite>> Very fine diss Ca, pervasive

<<Alt: 69 - 72 Weak to moderate Quartz>> Locally silicified calcareous argillite, Si increases down unit into felsic intrusion

<<Alt: 71 - 71.25 Weak to moderate Chlorite >> Localized fine grained green alteration , Cl?

<<Alt: 71.55 - 71.75 Weak to moderate Clay>> Short Flt gouge adjacent to felsic intrusion

<<Struc: 71.55 - 72.1 Weak Fault zone>> Short Flt gouge and strongly fractured argillite encompass ~20cm felsic intrusion

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 69.00 | 70.50 | 1.50 | 2587026 | -0.2 | 72.07 | 26.88 | 5.11 | 114 |
| 70.50 | 71.50 | 1.00 | 2587027 | 1.1 | 70.91 | 13.56 | 5.43 | 297.2 |
| 71.50 | 72.00 | 0.50 | 2587028 | -0.2 | 66.54 | 24.93 | 5.64 | 74.9 |

| From (m) | To (m) | Rocktype & Description | | |
|---|---|---|---|---|
| **72.00** | **74.00** | **ARGC Calcareous graphitic argillite** | **black** | **VFG** |

<<Alt: 72 - 74 Weak Calcite>>

<<Struc: 73.7 - 73.7 Weak Fractured>> Thin fracture, parallel to bedding plane in argillite

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 72.00 | 74.00 | 2.00 | 2587029 | -0.2 | 70.12 | 15.42 | 10.45 | 113 |

| From (m) | To (m) | Rocktype & Description | | |
|---|---|---|---|---|
| **74.00** | **101.35** | **APFW Pyroxene Andesite Porphyry Flow** | **green-brown** | **FMG** |

74 - 101.35: Andesite pyroxene plagioclase porphyry. Unit contains fine grained green-brown (Se-Bi) altered matrix with 2-3 mm white plagioclase and black to green pyroxene phenos. Plagioclase phenos are often lath shaped and clustered forming 'snowflake' like groups. Weakly mineralized with minor Ca stringers. Localized Ca alteration in top of unit.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 74.00 | 75.00 | 1.00 | 2587031 | 4.9 | 190.16 | 7.82 | 8.26 | 54.7 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Min: 74 - 81  0.75% pyrite>>    Fracture controlled Py-Po slightly stronger in top of andesite porphyry locally up to ~1.5%

<<Min: 74 - 81  0.3% pyrrhotite>>

<<Min: 81 - 156.05  0.3% pyrite>>    Weakly mineralized

<<Min: 81 - 156.05  0.1% pyrrhotite>>

<<Alt: 74 - 76.4  Weak to moderate Biotite>>    Weak but pervasive Bi altered matrix

<<Alt: 74.45 - 74.8  Weak Calcite>>    Fine grained blotchy Ca

<<Alt: 76.4 - 76.7  Weak Calcite>>

<<Alt: 76.4 - 79  Weak Sericite>>

<<Alt: 76.4 - 79  Weak Biotite>>    Patchy Bi-Se altered matrix

<<Alt: 78.33 - 79  Weak to moderate Calcite>>    Pervasive Ca with patchy mottled Se-Cl overprint

<<Alt: 79 - 89.3  Weak to moderate Sericite>>    Pervasive Se-Cl altered matrix

<<Alt: 89.3 - 90.47  Weak to moderate Biotite>>    Alternating f.g alteration of groundmass between Se-Cl and Bi to 101.35.

<<Alt: 90.47 - 94.7  Weak to moderate Sericite>>

<<Alt: 94.7 - 96.5  Weak Sericite>>

<<Alt: 94.7 - 96.5  Weak to moderate Biotite>>

<<Alt: 96.5 - 101.35  Weak to moderate Sericite>>

<<Alt: 96.5 - 101.35  Weak Epidote-Chlorite>>    Only occurring in one restricted interval where rock matrix has lighter green colouration, thought to be weak Ep

<<Vein: 78.3 - 79  15% Quartz-Carbonate-Sulphide>>    Qz-Ca veining with patchy Se-Cl alteration and associated Py-Po ~1-2%. Veining does not have clear margins.

<<Vein: 94.7 - 96.5  5% Quartz-Carbonate 50 deg. >>    Qz-Ca stringer zone, mainly Ca. Thin discordant veinlets strongest in core of interval ~30cm

<<Struc: 80.5 - 80.5  Weak Fractured>>    Fracturing within Andesite porphyry frequently at 56 degrees TCA

<<Struc: 82.8 - 82.8  Weak Fractured>>

<<Struc: 92.8 - 92.8  Weak Fractured>>

**101.35   156.05  APFW    Pyroxene Andesite Porphyry Flow    green    FMG**

101.35 - 156.05: Continuation of andesite porphyry above but here is frequently broken and faulted, weakly silicified in footwall margin.

<<Min: 137.3 - 156.05  0.1% Hematite>>    Fracture related hematite, may also be staining Qz-Ca veinlets.

<<Alt: 101.35 - 102  Weak to moderate Clay>>

<<Alt: 102 - 104.1  Weak to moderate Sericite>>    Pervasive Se-Cl overprint, locally patchy where rock is weakly brecciated

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 75.00 | 77.00 | 2.00 | 2587032 | 1.5 | 167.84 | 3.69 | 6.33 | 46.8 |
| 77.00 | 78.33 | 1.33 | 2587033 | 2.1 | 176.65 | 6.94 | 3.44 | 51.7 |
| 78.33 | 79.00 | 0.67 | 2587034 | 6.8 | 320.87 | 18.28 | 14.16 | 98.9 |
| 79.00 | 81.00 | 2.00 | 2587035 | 6.2 | 185.12 | 19.48 | 4.93 | 49.5 |
| 81.00 | 83.00 | 2.00 | 2587036 | 2.9 | 179.73 | 1.31 | 4.32 | 41.5 |
| 83.00 | 85.00 | 2.00 | 2587037 | 3.2 | 247.87 | 2.82 | 10.5 | 42.8 |
| 85.00 | 87.00 | 2.00 | 2587038 | 2.3 | 206.4 | 1.53 | 3.14 | 45.7 |
| 87.00 | 88.00 | 1.00 | 2587039 | 1.4 | 189.83 | 0.93 | 4.13 | 46.3 |
| 88.00 | 89.30 | 1.30 | 2587040 | 1 | 177.24 | 0.46 | 3.98 | 44.4 |
| 89.30 | 90.47 | 1.17 | 2587041 | 1.2 | 197.06 | 1.73 | 5.16 | 64.6 |
| 90.47 | 92.10 | 1.63 | 2587042 | 0.9 | 169.65 | 0.49 | 28.82 | 49.1 |
| 92.10 | 93.10 | 1.00 | 2587043 | 1 | 204.58 | 1.48 | 5.92 | 44.8 |
| 93.10 | 94.70 | 1.60 | 2587044 | 0.6 | 190.16 | 1.06 | 3.84 | 49.5 |
| 94.70 | 96.50 | 1.80 | 2587046 | 2.4 | 175.56 | 0.78 | 6.15 | 59 |
| 96.50 | 98.00 | 1.50 | 2587047 | 1.7 | 174.97 | 0.36 | 3.2 | 43.6 |
| 98.00 | 100.00 | 2.00 | 2587048 | 1.1 | 171.56 | 1.14 | 12.36 | 39.6 |
| 100.00 | 101.35 | 1.35 | 2587049 | -0.2 | 197.81 | 0.59 | 5.09 | 52.8 |
| 101.35 | 103.35 | 2.00 | 2587050 | 0.9 | 203.39 | 5.85 | 9.87 | 55.1 |
| 103.35 | 104.35 | 1.00 | 2587051 | -0.2 | 164.13 | 0.5 | 4.32 | 50.1 |
| 104.35 | 106.35 | 2.00 | 2587052 | 2.4 | 203.63 | 3.62 | 34.71 | 64.3 |
| 106.35 | 107.70 | 1.35 | 2587053 | 1.4 | 226.56 | 1.79 | 4.59 | 48.3 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| | | <<Alt: 104.1 - 107.7 Weak Sericite>> |
| | | <<Alt: 104.1 - 107.7 Weak Biotite>> Patchy Bi-Se altered matrix and phenos. |
| | | <<Alt: 107.5 - 111.1 Weak Epidote-Chlorite>> Patchy, weak Ep alteration of groundmass |
| | | <<Alt: 107.7 - 156.05 Weak to moderate Sericite>> Pervasive Se-Cl overprint |
| | | <<Alt: 111.1 - 112.6 Weak to moderate Epidote-Chlorite>> Slightly stronger locally pervasive Ep, faulted broken rock |
| | | <<Alt: 111.1 - 118.8 Weak Clay>> |
| | | <<Alt: 112.6 - 156.05 Weak Epidote-Chlorite>> |
| | | <<Alt: 118.8 - 125.8 Weak to moderate Clay>> |
| | | <<Alt: 125.8 - 147.7 Weak Clay>> Fractured and faulted interval although only weakly Cy altered |
| | | <<Alt: 127.1 - 156.05 Weak Potassium feldspar>> Trace amounts of pinkish white veining, possibly just He staining? |
| | | <<Alt: 137.3 - 156.05 Weak Haematite >> Trace He along fractured faces |
| | | <<Alt: 147.7 - 152 Weak to moderate Quartz>> Weak to moderately silicified APFW. Interval contains increased fracturing/veining ~15% |
| | | <<Vein: 109.4 - 111.1 10% Quartz-Carbonate>> Qz-Ca stringer zone within fractured andesite porphyry. Typically 1-2mm veinlets but 1-2cm Qz veins are present although rare |
| | | <<Vein: 127.1 - 131.5 22% Quartz-Carbonate>> Ca-Qz-Kspar vein zone. Fine grained pinkish white veining within patchy Ep altered zone. Veins often sheared and dismembered |
| | | <<Vein: 147.6 - 152 15% Quartz-Carbonate>> Stockwork veining/fracture filling Qz-Ca +/- Ep-Kspar. Interval is moderately siliceous. Veinlets are often contorted, dismembered and sheared suggesting syn to pre-deformational emplacement |
| | | <<Struc: 101.35 - 102 Weak Fractured>> |
| | | <<Struc: 104.2 - 104.2 Weak Fractured>> |
| | | <<Struc: 108.9 - 108.9 Weak Fractured>> |
| | | <<Struc: 109.4 - 111.1 Weak Fractured>> Stockwork fracturing with Qz-Ca stringering and weak clay altered fractures |
| | | <<Struc: 111.1 - 125.8 Moderate Fault zone>> Broken faulted interval, Flt gouge common but restricted to short ~10cm intervals. Fracturing is ~65 degrees TCA |
| | | <<Struc: 134.1 - 135.7 Weak Fractured>> Weakly broken interval |
| | | <<Struc: 138.8 - 147.7 Moderate Fault zone>> Significant interval of faulting and fracturing, only minor associated clay alteration and veining. |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 107.70 | 109.70 | 2.00 | 2587054 | 1.1 | 174.06 | 0.71 | 2.45 | 47.6 |
| 109.70 | 111.10 | 1.40 | 2587055 | 1.8 | 163.42 | 0.58 | 4.08 | 52.3 |
| 111.10 | 112.50 | 1.40 | 2587056 | 2.5 | 162.66 | 8.2 | 14.88 | 37.3 |
| 112.50 | 114.50 | 2.00 | 2587057 | 1.2 | 180.51 | 1.93 | 2.88 | 47.2 |
| 114.50 | 116.50 | 2.00 | 2587058 | 1.3 | 167.83 | 1.75 | 3.37 | 44.6 |
| 116.50 | 118.50 | 2.00 | 2587059 | 1.3 | 169.02 | 3.69 | 4.38 | 47.9 |
| 118.50 | 120.50 | 2.00 | 2587061 | 2.3 | 173.14 | 0.84 | 3.65 | 54.8 |
| 120.50 | 122.50 | 2.00 | 2587062 | 1.6 | 176.67 | 1.04 | 5.27 | 51.1 |
| 122.50 | 124.50 | 2.00 | 2587063 | 2.1 | 157.62 | 1.01 | 3.82 | 41.5 |
| 124.50 | 126.00 | 1.50 | 2587064 | 2.2 | 162.48 | 0.45 | 3.63 | 48.6 |
| 126.00 | 127.10 | 1.10 | 2587066 | 2 | 177.65 | 0.62 | 4.36 | 59.8 |
| 127.10 | 129.10 | 2.00 | 2587067 | 3.2 | 155.86 | 1.17 | 5.51 | 50.3 |
| 129.10 | 131.10 | 2.00 | 2587068 | 3.7 | 152.32 | 0.82 | 3.54 | 53.2 |
| 131.10 | 133.10 | 2.00 | 2587069 | 2.8 | 157.12 | 0.39 | 2.94 | 50 |
| 133.10 | 135.10 | 2.00 | 2587071 | 2.4 | 150.21 | 0.29 | 3.7 | 49.8 |
| 135.10 | 137.10 | 2.00 | 2587072 | 1.9 | 108.33 | 0.41 | 3.91 | 52.3 |
| 137.10 | 138.80 | 1.70 | 2587073 | 4.1 | 140.84 | 0.94 | 3.84 | 54.6 |
| 138.80 | 140.80 | 2.00 | 2587074 | 12.3 | 185.59 | 0.37 | 47.48 | 99.6 |
| 140.80 | 142.80 | 2.00 | 2587075 | 2 | 169.1 | 0.41 | 2.44 | 46.4 |
| 142.80 | 144.80 | 2.00 | 2587076 | 2.1 | 158.97 | 0.45 | 2.72 | 55.9 |
| 144.80 | 146.80 | 2.00 | 2587077 | 1.6 | 189.41 | 0.21 | 4.39 | 54.1 |
| 146.80 | 147.70 | 0.90 | 2587078 | 1.4 | 131 | 0.65 | 3.79 | 53.7 |
| 147.70 | 149.70 | 2.00 | 2587079 | 3.8 | 141.11 | 0.38 | 3.61 | 61.5 |
| 149.70 | 152.00 | 2.30 | 2587080 | 4.5 | 116.88 | 1.59 | 4.16 | 60.2 |
| 152.00 | 154.00 | 2.00 | 2587081 | 1.8 | 169.24 | 0.81 | 2.84 | 49.7 |
| 154.00 | 156.05 | 2.05 | 2587082 | 7.9 | 186.18 | 0.45 | 3.74 | 54.3 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**156.05 158.20 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke salt + pepper MCG**

156.05 - 158.2: Plagioclase monzonite porphyry moderately clay altered and friable. Crowded white plagioclase phenos within a dark grey fine grained matrix.

<<Min: 156.05 - 172.2 0.1% pyrite>>

<<Alt: 156.05 - 158.4 Weak to moderate Clay>> Pervasively clay altered dyke and footwall margin. Rock are locally friable

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 156.05 | 158.20 | 2.15 | 2587083 | 0.4 | 19.17 | 0.16 | 8.95 | 79.9 |

**158.20 172.20 APFW Pyroxene Andesite Porphyry Flow green MCG**

158.2 - 172.2: Andesite pyroxene plagioclase porphyry flow. Contains 1-2mm lath shaped feldspars often clustered. Pervasive Se-Cl overprint with patchy Ep alt'n. Broken and faulted from ~163-167 m.

<<Min: 158.4 - 170.4 0.1% Hematite>> Slightly stronger hematite than previous interval, occurring in veining diss and fractures

<<Min: 161.2 - 161.5 0.1% arsenopyrite>> Trace diss As within Qz vein with Ep alt'n halo

<<Alt: 158.4 - 167 Weak Clay>> Only one occurrence of ~5cm clay gouge, otherwise weak to trace in fractured rock

<<Alt: 158.4 - 170.4 Weak Haematite >> Occurring along fractures/veined and rarely disseminated, slightly stronger than previous interval

<<Alt: 158.4 - 170.4 Weak to moderate Epidote-Chlorite>> Locally moderate Ep, fracture filling/vein alteration halos and f.g pervasive alteration of matrix.

<<Alt: 158.4 - 172 Weak to moderate Sericite>> Weak pervasive Se-Cl overprint altering groundmass and pyroxene phenos

<<Alt: 170.4 - 172.2 Weak Biotite>> Weak pervasive Bi increasing down unit near footwall contact

<<Vein: 161.2 - 161.5 30% Quartz 30 deg. >> 2cm Qz vein with Ca stringers and Ep-He alteration halo. Qz veining contains trace diss As

<<Struc: 158.4 - 158.4 Weak Fractured>> From 156-158.4 Monzonite dyke is clay altered and locally friable with strongest point of alteration/deformation at footwall contact where fracturing of core is at 40 degrees TCA.

<<Struc: 162.8 - 166.8 Weak to moderate Fault zone>> Faulted broken rock, locally clay altered angle to core axis between 45-50.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 158.20 | 160.20 | 2.00 | 2587084 | 1.2 | 196.85 | 0.52 | 2.7 | 45.2 |
| 160.20 | 161.20 | 1.00 | 2587086 | 2 | 212.37 | 0.69 | 3.53 | 56.2 |
| 161.20 | 162.00 | 0.80 | 2587087 | 2.4 | 157.2 | 0.51 | 3.06 | 50.6 |
| 162.00 | 164.00 | 2.00 | 2587088 | 0.8 | 172.01 | 0.44 | 2.59 | 46.3 |
| 164.00 | 166.00 | 2.00 | 2587089 | 1.4 | 160.65 | 0.42 | 2.49 | 43.2 |
| 166.00 | 168.00 | 2.00 | 2587090 | 0.9 | 161.31 | 0.51 | 3 | 49.3 |
| 168.00 | 170.40 | 2.40 | 2587091 | 2.5 | 124.26 | 0.61 | 3.01 | 39.2 |
| 170.40 | 172.20 | 1.80 | 2587092 | 1.9 | 169.48 | 0.51 | 2.9 | 44.3 |

**172.20 174.45 ARGL Argillite brown VFG**

172.2 - 174.45: Brown to black aphanitic and featureless unit containing finely disseminated Ca.

<<Min: 172.2 - 174.45 0.3% pyrite>>

<<Alt: 172.2 - 174.45 Weak to moderate Calcite>>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 172.20 | 174.45 | 2.25 | 2587093 | -0.2 | 129.71 | 1.23 | 4.62 | 67.8 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**174.45 180.00 APFW Pyroxene Andesite Porphyry Flow green MCG**

174.45 - 180: Plagioclase pyroxene phyric andesite porphyry flow. Se-Cl altered

<<Min: 174.45 - 180 0.1% Hematite>> Fracture controlled and possibly within veins, rocks are locally weakly magnetic

<<Min: 174.45 - 219.2 0.1% pyrite>>

<<Alt: 174.45 - 175.87 Weak Biotite>> Weakly altering groundmass, similar alteration in footwall of APFW above

<<Alt: 175.87 - 180 Weak to moderate Sericite>> Pervasive Se-Cl overprint altering groundmass and pyroxene phenos

<<Alt: 175.87 - 180 Weak Epidote-Chlorite>> Fracture filling Ep, hairline, weak

<<Vein: 178.92 - 180 20% Quartz-Carbonate>> Qz-Ca vein stockwork with trace EP and He staining. Veinlets are often discontinuous and fracture filling and or contorted, cutting core axis and highly variable angles

**180.00 188.00 GRDR Granodiorite grey-green MCG**

180 - 188: Granodiorite quartz porphyry. Unit characterized by crowded 1-3 mm quartz phenos with rare 5-7 mm feldspar phenos. Unit is competent and siliceous. Andesite porphyry adjacent to dyke is also veined and silicified.

<<Struc: 181.2 - 181.2 Weak Fractured>> Fracturing within Qz-Feldspar porphyry consistently at 55 degrees

**188.00 203.15 APFW Pyroxene Andesite Porphyry Flow grey-green MCG**

188 - 203.15: Similar to previous units, locally silicified with Qz-Ca stringers. Locally fractured and broken.

<<Min: 188 - 203.15 0.3% Hematite>>

<<Alt: 188 - 188.7 Moderate Biotite>>

<<Alt: 188.7 - 203.15 Weak to moderate Sericite>> Se-Cl alteration overprint, pervasive

<<Alt: 188.7 - 203.15 Weak Epidote-Chlorite>> Weak patchy Ep to stockwork fracturing

<<Alt: 193.5 - 193.8 Moderate Clay>> Locally faulted clay altered andesite

<<Alt: 200.25 - 202 Weak to moderate Clay>>

<<Alt: 202.1 - 203.15 Weak to moderate Quartz>> Weakly silicified footwall margin of andesite, with minor pink Qz-Ca-Kspar veins and patchy to diss Ep

<<Vein: 188 - 190 25% Quartz-Carbonate>> Qz-Ca vein swarm near granodiorite dyke ranging from 2mm-2cm.

<<Vein: 190 - 203.15 5% Quartz-Carbonate>> Thin veinlets to fracture filling stockwork Qz-Ca+/-Ep-Kspar. Veinlets are commonly dismembered spanning only partially through core width.

<<Struc: 193.5 - 193.8 Moderate fault>> Strongly broken/gouged rock moderately fractured and broken for ~1m on either side of FLT

<<Struc: 200.25 - 202 Weak Fractured>> Fractured broken core localized Cy alteration on fractures

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 174.45 | 176.45 | 2.00 | 2587094 | 2.3 | 168.54 | 0.88 | 3.13 | 47 |
| 176.45 | 178.00 | 1.55 | 2587095 | 2.5 | 156.3 | 0.59 | 2.21 | 43.9 |
| 178.00 | 180.00 | 2.00 | 2587096 | 3.8 | 152.38 | 0.81 | 2.91 | 51.4 |
| 180.00 | 182.00 | 2.00 | 2587097 | 0.6 | 10.76 | 1.27 | 6.89 | 83 |
| 182.00 | 184.00 | 2.00 | 2587098 | 0.7 | 8.05 | 0.28 | 6.66 | 84.5 |
| 184.00 | 186.00 | 2.00 | 2587099 | 4.4 | 11.3 | 0.31 | 6.72 | 82.2 |
| 186.00 | 188.00 | 2.00 | 2587101 | 22 | 9.82 | 0.32 | 6.26 | 78.5 |
| 188.00 | 190.00 | 2.00 | 2587102 | 5.8 | 151.49 | 0.64 | 56.53 | 77 |
| 190.00 | 192.00 | 2.00 | 2587103 | 3.6 | 152.33 | 1.36 | 2.86 | 49.3 |
| 192.00 | 194.00 | 2.00 | 2587104 | 5.5 | 180.9 | 0.63 | 3.86 | 48 |
| 194.00 | 196.00 | 2.00 | 2587106 | 3.2 | 165.43 | 0.44 | 2.73 | 51.3 |
| 196.00 | 198.00 | 2.00 | 2587107 | 3.8 | 151.62 | 0.39 | 3.82 | 61 |
| 198.00 | 200.00 | 2.00 | 2587108 | 1.5 | 166.29 | 0.61 | 5.88 | 48.7 |
| 200.00 | 202.00 | 2.00 | 2587109 | 2.4 | 179.86 | 0.49 | 5.03 | 52.6 |
| 202.00 | 203.15 | 1.15 | 2587111 | 0.5 | 163.26 | 0.77 | 4.22 | 54.7 |

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**Project:** Mt Milligan **Hole Number:** 16-1028

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**203.15 204.40 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke dark grey FCG**

203.15 - 204.4: Porphyritic monzonite containing ~5 mm plagioclase phenos within a dark blue-grey aphanitic matrix.

<<Alt: 204.3 - 228.5 Weak Clay>>

**204.40 228.50 APFW Pyroxene Andesite Porphyry Flow dark grey MCG**

204.4 - 228.5: Similar to previous units but here fracturing/veining is intensified locally 15-20% and weakly to moderately silicified with loss of white plag phenos, altered.

<<Min: 204.4 - 228.5 0.3% Hematite>>

<<Min: 219.2 - 228.5 0.5% pyrite>> Disseminated and fracture filling Py.

<<Alt: 204.4 - 222.75 Weak Sericite>> Se-Cl overprint of matrix and locally pyroxene phenos

<<Alt: 207.8 - 217 Weak to moderate Quartz>> Weakly pervasive Si within moderately veined interval

<<Alt: 222.75 - 225.4 Weak to moderate Quartz>>

<<Alt: 222.75 - 228.5 Weak Chlorite >> Cl altered fractures and veins

<<Alt: 222.75 - 228.5 Weak to moderate Biotite>> Pervasive Bi alteration increases in intensity down unit from weak to moderate

<<Vein: 207.8 - 217 30% Quartz-Carbonate 80 deg. >> Vein swarm Qz-Ca-Kspar veins/veinlets contorted fractured and dismembered interval is weakly Si altered

<<Struc: 225.2 - 228.5 Weak Fractured>> Increased fracturing in footwall of andesite near contact with intrusion. Commonly Cl-Cy altered only locally broken core over <0.5m interval

**228.50 247.70 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke dark grey FCG**

228.5 - 247.7: Quartz feldspar monzonite porphyry containing 5 mm Qz-feldspar phenos within a dark blue grey siliceous matric locally fractured and clay altered, otherwise glassy and weakly altered.

<<Min: 228.5 - 260.6 0.3% pyrite>>

<<Alt: 230.2 - 235.2 Weak to moderate Clay>> Fractured and locally brecciated felsic porphyry with clay altered rock flour Bx matrix

<<Alt: 238.3 - 242 Weak to moderate Biotite>> Slightly Bi altered matrix loss of glassy appearance and stained brown

<<Struc: 230.2 - 235.2 Weak to moderate Fractured>> Core is still competent but locally brecciated and clay altered. Moderate brittle deformation

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 203.15 | 204.40 | 1.25 | 2587112 | -0.2 | 9.23 | 0.83 | 6.28 | 83.4 |
| 204.40 | 206.40 | 2.00 | 2587113 | 4.9 | 155.37 | 1.92 | 2.97 | 55.9 |
| 206.40 | 208.40 | 2.00 | 2587114 | 2.5 | 151.22 | 0.55 | 4 | 60.2 |
| 208.40 | 209.40 | 1.00 | 2587115 | 3.2 | 122.82 | 0.54 | 4.14 | 54.3 |
| 209.40 | 211.40 | 2.00 | 2587116 | 5.8 | 132.53 | 0.88 | 5.21 | 54.3 |
| 211.40 | 213.40 | 2.00 | 2587117 | 2 | 150.05 | 0.56 | 2.88 | 59.7 |
| 213.40 | 215.40 | 2.00 | 2587118 | 4.9 | 163.56 | 0.35 | 3.92 | 59.4 |
| 215.40 | 217.40 | 2.00 | 2587119 | 6.6 | 152.27 | 0.25 | 3.53 | 58.6 |
| 217.40 | 219.20 | 1.80 | 2587120 | 7 | 146.01 | 0.2 | 2.75 | 61.1 |
| 219.20 | 221.20 | 2.00 | 2587121 | 23.2 | 183.91 | 0.48 | 4.39 | 62.5 |
| 221.20 | 223.20 | 2.00 | 2587122 | 14.9 | 141.32 | 0.67 | 3.43 | 59.7 |
| 223.20 | 225.20 | 2.00 | 2587123 | 15.6 | 191.59 | 0.38 | 4.42 | 51.9 |
| 225.20 | 227.20 | 2.00 | 2587124 | 4.8 | 136.73 | 0.87 | 7.39 | 60.5 |
| 227.20 | 228.50 | 1.30 | 2587126 | 11.7 | 141.17 | 0.36 | 5.8 | 63.2 |
| 228.50 | 230.20 | 1.70 | 2587127 | 6.4 | 6.77 | 0.33 | 8.65 | 76.5 |
| 230.20 | 232.20 | 2.00 | 2587128 | 3 | 9.64 | 0.25 | 9.64 | 75.5 |
| 232.20 | 235.20 | 3.00 | 2587129 | 2.2 | 10.61 | 0.33 | 16.41 | 81.1 |
| 235.20 | 237.20 | 2.00 | 2587130 | 1.1 | 8.59 | 0.42 | 9.06 | 82 |
| 237.20 | 238.30 | 1.10 | 2587131 | 0.4 | 9.16 | 0.27 | 10.37 | 83.3 |
| 238.30 | 240.30 | 2.00 | 2587132 | 0.4 | 9.91 | 0.44 | 12.26 | 82.4 |

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 240.30 | 242.00 | 1.70 | 2587133 | 1 | 8.56 | 0.41 | 9.5 | 84.7 |
| 242.00 | 244.00 | 2.00 | 2587134 | 0.9 | 10.53 | 0.33 | 8 | 75.8 |
| 244.00 | 246.00 | 2.00 | 2587135 | -0.2 | 11.5 | 0.37 | 8.16 | 83.3 |
| 246.00 | 247.70 | 1.70 | 2587136 | 2 | 16.93 | 0.98 | 5.96 | 82 |

**247.70 249.10 APFW Pyroxene Andesite Porphyry Flow dark grey FMG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 247.70 | 249.10 | 1.40 | 2587137 | 5.4 | 139.3 | 1.03 | 4.5 | 55.6 |

247.7 - 249.1: Silicified interval of APFW within massive monzonite porphyry

<<Alt: 247.7 - 249.1 Moderate Quartz>> Pervasively silicified andesite interval.

**249.10 258.70 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green FCG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 249.10 | 251.00 | 1.90 | 2587138 | 0.8 | 10.2 | 0.32 | 6.71 | 81.2 |

249.1 - 258.7: Same as previous monzonite unit but with light pale green f.g patchy alteration Cl-Se?

<<Alt: 249.8 - 257.8 Weak to moderate Sericite>> Fine grained light pale green alteration of matrix and or Qz phenos.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 251.00 | 253.00 | 2.00 | 2587139 | -0.2 | 9.29 | 0.3 | 8.98 | 80.8 |
| 253.00 | 255.00 | 2.00 | 2587141 | 6.7 | 16.24 | 0.35 | 8.11 | 79 |
| 255.00 | 257.00 | 2.00 | 2587142 | 0.5 | 8.42 | 0.26 | 9.52 | 90.6 |
| 257.00 | 258.70 | 1.70 | 2587143 | 1.4 | 10.03 | 0.31 | 4.91 | 74 |

**258.70 259.50 APFW Pyroxene Andesite Porphyry Flow dark grey FMG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 258.70 | 259.50 | 0.80 | 2587144 | 6.7 | 159.8 | 1.1 | 4.24 | 63.8 |

<<Alt: 258.7 - 259.5 Weak Quartz>> Weakly silicified APFW sandwiched between monzonite porphyry

**259.50 260.60 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey FCG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 259.50 | 260.60 | 1.10 | 2587146 | 6 | 23.88 | 0.81 | 4.69 | 62.4 |

259.5 - 260.6: Friable, clay altered monzonite porphyry with patchy Se altered matrix

<<Alt: 259.5 - 260.6 Weak Sericite>> Weak patchy Se alt'd matrix

<<Alt: 259.5 - 260.6 Weak to moderate Clay>> Locally fractured, friable and clay altered monzonite porphyry

<<Struc: 259.5 - 259.9 Weak to moderate Fractured>> Heavily fractured, friable upper margin of monzonite intrusion with pervasive clay alteration

**260.60 279.50 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 260.60 | 262.60 | 2.00 | 2587147 | 6.7 | 152.34 | 0.34 | 3.29 | 69.4 |

260.6 - 279.5: Overall competent and weakly altered with locally broken intervals containing minor clay-chlorite altered fractures. He mineralization along fractures. Weak diss SXs

<<Min: 265 - 279.5 0.1% Hematite>>

<<Min: 267.31 - 278.7 0.1% pyrite>>

<<Min: 267.31 - 278.7 0.1% pyrrhotite>>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 262.60 | 264.60 | 2.00 | 2587148 | 2.3 | 159.06 | 0.25 | 3.03 | 65.5 |
| 264.60 | 266.60 | 2.00 | 2587149 | 2.3 | 180.78 | 0.5 | 2.39 | 59.6 |
| 266.60 | 268.60 | 2.00 | 2587151 | 2.8 | 155.81 | 0.23 | 3.09 | 58 |

From (m) To (m) Rocktype & Description

<<Min: 278.7 - 279.5 0.75% pyrite>> Slightly stronger mineralization in footwall of APFW approaching monzonite porphyry. SXs are vein hosted and diss within rock matrix

<<Min: 278.7 - 279.5 0.1% pyrrhotite>>

<<Alt: 260.6 - 279.5 Weak to moderate Sericite>> Pervasive f.g Se alteration overprint

<<Alt: 260.6 - 279.5 Weak to moderate Chlorite >> Cl alt'n occurring along fractures, replacing pyroxene phenos and rarely within thin veinlets. Weak overall moderate locally.

<<Alt: 263.8 - 279.5 Weak Clay>> Trace, thin film of Cy alteration along fractured faces

<<Alt: 276.45 - 279.5 Weak Epidote-Chlorite>> Minor Ep alt'n, most significant occurrence as alteration halo around Qz-Ca veinlet 2mm

<<Struc: 274.32 - 274.32 Weak Veining - fracture fill>> 3 mm Qz vein with light pink inclusions, unmineralized

<<Struc: 276.55 - 276.55 Weak Veining - fracture fill>> 3mm Qz-Ca vein with Ep-He alteration halo

**279.50 304.60 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke green-brown FCG**

279.5 - 304.6: Qz-Plag monzonite porphyry with alternating intervals of Se-Bi alteration. Bi altered intervals often associated with localized fracturing and weak clay alteration. Footwall margin of unit is pervasively Se altered mod to strong.

<<Min: 279.5 - 298.15 0.3% pyrite>> Often vein hosted

<<Min: 279.5 - 298.15 0.1% pyrrhotite>>

<<Min: 292.6 - 293.2 0.1% arsenopyrite>> Trace As diss within and along Qz vein selvages

<<Min: 298.15 - 304.6 1% pyrite>> Most abundant and fine disseminations throughout matrix also sporadically occurring within veins as blebs/stringers

<<Min: 298.15 - 304.6 0.5% pyrrhotite>>

<<Min: 298.15 - 304.6 0.1% chalcopyrite>> Vein hosted, trace

<<Alt: 279.5 - 281 Moderate Sericite>> Pervasive alteration through brittle fractured monzonite porphyry

<<Alt: 281 - 291.5 Weak to moderate Sericite>>

<<Alt: 281 - 291.5 Weak to moderate Biotite>> Alternating intervals of Bi-Se altering groundmass

<<Alt: 291.5 - 301.15 Weak Sericite>>

<<Alt: 291.5 - 301.15 Moderate Biotite>>

<<Alt: 301.15 - 304.6 moderate to strong Sericite>> Pervasive Se, discolouring rock green and overprinting primary porphyritic texture

<<Vein: 292.65 - 293.18 2% Quartz-Carbonate-Sulphide 42 deg. >> Two sets of parallel Qz veinlets 2-5mm in thickness, grouped. Contain diss Py-Po-As <1% TTL

<<Struc: 279.5 - 281 Weak to moderate Fractured>> Moderately broken and fractured monzonite porphyry, pervasive Se alt'd, brittle fracturing

<<Struc: 292.6 - 293.2 Weak Veining - fracture fill>> Two sets of 2-5mm parallel Qz veins with diss SXs. Concordant with fracturing

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 268.60 | 270.60 | 2.00 | 2587152 | 2 | 165.65 | 0.15 | 1.7 | 53 |
| 270.60 | 272.60 | 2.00 | 2587153 | 0.5 | 161.21 | 0.15 | 1.73 | 56.1 |
| 272.60 | 274.60 | 2.00 | 2587154 | 5.1 | 148.29 | 0.29 | 2.41 | 68.6 |
| 274.60 | 276.60 | 2.00 | 2587155 | 3.1 | 185.12 | 0.6 | 3.08 | 74.6 |
| 276.60 | 278.70 | 2.10 | 2587156 | 43.3 | 162 | 0.35 | 2.43 | 59.2 |
| 278.70 | 279.50 | 0.80 | 2587157 | 3.6 | 135.49 | 0.78 | 7.31 | 86.1 |
| 279.50 | 281.00 | 1.50 | 2587158 | 2.1 | 15.99 | 1.34 | 7.33 | 71.5 |
| 281.00 | 283.00 | 2.00 | 2587159 | 2.8 | 16.44 | 3.19 | 6.73 | 78.2 |
| 283.00 | 285.00 | 2.00 | 2587160 | 9.3 | 17.03 | 0.49 | 7.67 | 77.3 |
| 285.00 | 287.00 | 2.00 | 2587161 | 0.2 | 17.09 | 0.76 | 10.26 | 81.1 |
| 287.00 | 289.00 | 2.00 | 2587162 | 4.7 | 21.64 | 3.01 | 9.83 | 76.3 |
| 289.00 | 291.50 | 2.50 | 2587163 | 143.6 | 25.23 | 3.23 | 8.14 | 72.4 |
| 291.50 | 293.50 | 2.00 | 2587164 | 2.3 | 21.25 | 3.92 | 6.08 | 75.4 |
| 293.50 | 295.50 | 2.00 | 2587166 | 0.4 | 19.04 | 0.39 | 7.25 | 75 |
| 295.50 | 297.50 | 2.00 | 2587167 | 0.6 | 30.63 | 0.68 | 8.01 | 67.4 |
| 297.50 | 298.15 | 0.65 | 2587168 | 1.4 | 13.19 | 0.33 | 5.89 | 69.6 |
| 298.15 | 299.65 | 1.50 | 2587169 | -0.2 | 40.1 | 3.36 | 8.42 | 68.6 |
| 299.65 | 301.15 | 1.50 | 2587170 | 0.3 | 48.86 | 9.62 | 8.59 | 67.1 |
| 301.15 | 303.15 | 2.00 | 2587171 | 2.2 | 68.11 | 6.28 | 9.87 | 61.3 |
| 303.15 | 304.60 | 1.45 | 2587172 | 27.4 | 26.17 | 0.9 | 16.02 | 80.9 |

| From (m) | To (m) | Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **304.60** | **308.45** | **APFW Pyroxene Andesite Porphyry Flow dark grey FMG** | 304.60 | 306.60 | 2.00 | 2587173 | 2.7 | 151.71 | 0.43 | 4.29 | 73.1 |
| | | 304.6 - 308.45: Plag-pyroxene phyric andesite porphyry flow, well foliated to sheared. Patchy silicified intervals are competent, with intermittent friable, strongly fractured Ca-Cy altered intervals. | | | | | | | | | |
| | | <<Min: 304.6 - 313.03 0.3% pyrite>> | 306.60 | 308.45 | 1.85 | 2587174 | 1.2 | 145.63 | 0.42 | 4.58 | 63.2 |
| | | <<Min: 304.6 - 313.03 0.3% pyrrhotite>> | | | | | | | | | |
| | | <<Min: 304.6 - 316 0.1% Hematite>> | | | | | | | | | |
| | | <<Alt: 304.6 - 308.45 Weak to moderate Sericite>> Patchy Se-Cl altered matrix/fractures/phenos | | | | | | | | | |
| | | <<Alt: 304.6 - 316 Weak Epidote-Chlorite>> Weak Ep commonly occurring with He within Qz-Ca vein swarm clusters as alteration halos | | | | | | | | | |
| | | <<Alt: 305.25 - 307.7 Weak to moderate Clay>> Locally moderate where rocks are strongly fractured/faulted. ~20% of interval | | | | | | | | | |
| | | <<Struc: 305.25 - 310.7 Weak to moderate Fault zone>> Fault zone with short strongly fractured intervals frequent. Rocks are very friable and crumble with picked up. Mainly Calcite altered fractures and or minor clay alteration. | | | | | | | | | |
| **308.45** | **310.70** | **MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke dark grey FMG** | 308.45 | 310.70 | 2.25 | 2587175 | 2.6 | 12.75 | 0.93 | 7.28 | 87.5 |
| | | 308.45 - 310.7: Qz-feldspar porphyry smaller crowded phenos in top of unit gradually transition into well spaced 5 mm phenos down unit, similar to texture in larger intrusions. Unit is strongly fractured and friable with pervasive fracture controlled Ca alt'n. Patchy Ep-He also present but weak. | | | | | | | | | |
| | | <<Alt: 308.45 - 310.7 Moderate Calcite>> Rocks are pervasively fractured with Ca altered fractures | | | | | | | | | |
| **310.70** | **316.00** | **APFW Pyroxene Andesite Porphyry Flow grey-green FMG** | 310.70 | 313.03 | 2.33 | 2587176 | -0.2 | 154.96 | 0.57 | 3.4 | 55.9 |
| | | 310.7 - 316: Pyroxene-phyric andesite porphyry flow, pervasively Se-Cl altered with patchy Ep-He. Unit contains 10-15 cm stockwork fracturing/vein swarm clusters commonly containing He stained veins and Ep alteration halos +/- diss SXs | | | | | | | | | |
| | | <<Min: 313.03 - 316 0.3% pyrite>> | 313.03 | 314.50 | 1.47 | 2587177 | 0.4 | 164.76 | 0.77 | 3.62 | 54.9 |
| | | <<Min: 313.03 - 316 1% pyrrhotite>> Po-Py strongest near vein swarm intervals, finely disseminated | 314.50 | 316.00 | 1.50 | 2587178 | 1.7 | 159.39 | 0.93 | 8.26 | 50.8 |
| | | <<Alt: 310.7 - 316 Weak to moderate Sericite>> Pervasive homogenous Se-Cl overprint common throughout andesite units | | | | | | | | | |
| | | <<Vein: 310.7 - 316 5% Quartz-Carbonate>> Short vein swarm clusters/fracture stockworks with He stained veining and Ep alteration halos, associated with diss SXs down unit Veining strongly discordant and erratic | | | | | | | | | |
| **316.00** | **322.80** | **MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green FCG** | 316.00 | 318.00 | 2.00 | 2587179 | -0.2 | 16.86 | 1.05 | 8.83 | 72.9 |
| | | 316 - 322.8: Locally fractured with 5 cm fault gouge at footwall contact of monzonite porphyry, similar texture, phenocryst size and alteration as previous units | | | | | | | | | |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

<<Min: 316 - 322.8 0.1% pyrite>>

<<Alt: 316 - 322.8 Weak Sericite>> Weak patchy Se-Cl alteration of groundmass and less commonly plagioclase phenos

<<Alt: 316 - 322.8 Weak Calcite>> Thin layer of calcite common along fractured faces

<<Alt: 316 - 322.8 Weak Biotite>>

<<Alt: 322.75 - 322.8 Strong Clay>> Strong clay altered fault gouge

<<Struc: 316.1 - 316.6 Weak to moderate Fractured>> Fractured broken core

<<Struc: 320.2 - 322.75 Weak to moderate Fractured>> Locally fractured broken core, Ca altered

<<Struc: 322.75 - 322.8 Strong contact>> Strongly clay altered fault gouge at lith contact. Strong but restricted

**322.80 340.46 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

322.8 - 340.46: Typical Se-Cl altered andesite pyroxene-phyric porphyry with patchy weak Ep alteration and He stained veining and fractures

<<Min: 322.8 - 340.46 0.3% pyrite>>

<<Min: 322.8 - 340.46 0.3% pyrrhotite>>

<<Min: 322.8 - 340.46 0.3% Hematite>> Slightly stronger than previous intervals

<<Min: 322.8 - 340.46 0.01% arsenopyrite>> Trace As diss within rock matrix, possibly related to localized deformation and fracturing

<<Alt: 322.8 - 340.46 Weak to moderate Sericite>>

<<Alt: 322.8 - 340.46 Weak Epidote-Chlorite>>

<<Alt: 322.8 - 340.6 Weak to moderate Haematite >>

<<Vein: 322.8 - 340.46 2% Quartz-Carbonate>> Andesite porphyry units commonly containing Qz-Ca healed stockwork fracturing discordant and erratic. Weak <5% and commonly stained pink with Ep alteration in adjacent rock groundmass

<<Struc: 336 - 338.1 Weak to moderate Brecciated >> Locally brecciated andesite, core still competent. Noticeable increase in He along fractures through interval

**340.46 343.46 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green MG**

340.46 - 343.46: Sheared and pervasively fractured monzonite porphyry strongly altered Se-Cy-Ca, locally gouged and friable

<<Alt: 340.46 - 343.46 Moderate Sericite>> Strongly fractured and brecciated interval, locally friable and gouged. Se-Cy with minor Ca along fracturing

<<Alt: 340.46 - 343.46 Moderate Clay>>

<<Alt: 340.46 - 343.46 Weak Calcite>>

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 318.00 | 320.00 | 2.00 | 2587181 | 0.6 | 6.72 | 0.95 | 9.52 | 86.9 |
| 320.00 | 322.00 | 2.00 | 2587182 | -0.2 | 9.15 | 0.57 | 8.6 | 79.1 |
| 322.00 | 322.80 | 0.80 | 2587183 | -0.2 | 16.58 | 0.86 | 5.9 | 74.4 |
| 322.80 | 325.00 | 2.20 | 2587184 | -0.2 | 169.75 | 0.59 | 3.23 | 54.1 |
| 325.00 | 327.00 | 2.00 | 2587186 | 0.5 | 157.18 | 0.61 | 2.98 | 53.3 |
| 327.00 | 329.00 | 2.00 | 2587187 | 0.9 | 155.77 | 0.52 | 3.3 | 54.3 |
| 329.00 | 331.00 | 2.00 | 2587188 | -0.2 | 148.87 | 0.57 | 3.38 | 48.6 |
| 331.00 | 333.00 | 2.00 | 2587189 | 43.4 | 172.37 | 0.61 | 2.55 | 52.2 |
| 333.00 | 335.00 | 2.00 | 2587191 | 0.8 | 166.65 | 1.1 | 3.61 | 54.9 |
| 335.00 | 337.00 | 2.00 | 2587192 | 0.5 | 167.11 | 0.54 | 3.18 | 54.2 |
| 337.00 | 339.00 | 2.00 | 2587193 | -0.2 | 164.81 | 0.4 | 2.32 | 58.1 |
| 339.00 | 340.46 | 1.46 | 2587194 | 1.5 | 151.37 | 0.75 | 3.56 | 53 |
| 340.46 | 341.96 | 1.50 | 2587195 | 31 | 14.08 | 0.21 | 8.72 | 77.4 |
| 341.96 | 343.46 | 1.50 | 2587196 | 6.3 | 24.37 | 0.17 | 8.42 | 73.9 |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|

**343.46 361.35 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

343.46 - 361.35: Same as previous andesite intervals but here rock is pervasively fractured and locally brecciated however remains moderately competent. Pervasive Se-Cl overprint locally clay altered

<<Min: 344.5 - 345.4 1% pyrrhotite>>

<<Min: 345.4 - 347.7 0.5% Hematite>>

<<Min: 345.4 - 361.35 0.3% pyrite>>

<<Alt: 343.46 - 345.4 Weak Haematite >>

<<Alt: 343.46 - 361.35 Weak to moderate Sericite>> Pervasive regional Se-Cl overprint of matrix and pyroxene phenos occasionally feldspar

<<Alt: 343.46 - 361.35 Weak Epidote-Chlorite>> Weak to trace, patchy and f.g altering groundmass

<<Alt: 344.3 - 362.3 Weak to moderate Clay>> Localized fracturing with weakly brecciated intervals, Cy alteration

<<Alt: 345.4 - 347.7 Weak to moderate Haematite >>

<<Alt: 347.7 - 361.35 Weak Haematite >>

<<Vein: 351.2 - 357.1 5% Calcite>> Healed stockwork fracturing/vein swarms. Mainly Ca. Erratic and discordant

<<Struc: 344.3 - 362.3 Weak Fractured>> Localized fracturing, often Qz-Ca healed or clay altered and weak brecciation with clay alteration

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 343.46 | 345.40 | 1.94 | 2587197 | 46 | 207.32 | 0.73 | 18.98 | 76.9 |
| 345.40 | 347.70 | 2.30 | 2587198 | 11.7 | 179.73 | 0.75 | 2.62 | 60.9 |
| 347.70 | 349.70 | 2.00 | 2587199 | 4.5 | 168.84 | 1.76 | 3.22 | 52.9 |
| 349.70 | 351.70 | 2.00 | 2587200 | 3.4 | 149.92 | 0.65 | 4.27 | 49.7 |
| 351.70 | 353.70 | 2.00 | 2587201 | 3.1 | 142.14 | 0.74 | 7.2 | 52.8 |
| 353.70 | 355.70 | 2.00 | 2587202 | 8.2 | 137.08 | 0.4 | 5.45 | 68.9 |
| 355.70 | 357.70 | 2.00 | 2587203 | 4 | 160.02 | 0.46 | 4.65 | 57.5 |
| 357.70 | 359.70 | 2.00 | 2587204 | 0.9 | 164.5 | 0.62 | 3.47 | 57.7 |
| 359.70 | 361.35 | 1.65 | 2587206 | -0.2 | 154.98 | 0.56 | 9.77 | 54.9 |

**361.35 362.80 MZPD Plagioclase Monzonite Porphyry Post-Mineral Dyke grey-green MG**

361.35 - 362.8: Very similar to previous monzonite dyke where rock is pervasively Se altered and fractured with localized Cy alteration weak-mod. Less porphyritic, unit contains equigranular texture, 'crystal tuff'.

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 361.35 | 362.80 | 1.45 | 2587207 | 0.7 | 27.07 | 0.27 | 7 | 79.1 |

**362.80 389.10 APFW Pyroxene Andesite Porphyry Flow grey-green FMG**

362.8 - 389.1: Weak Qz-Ca stringers, pervasive homogenous Se-Cl alteration.

<<Min: 362.8 - 389.1 0.3% pyrite>> Weak intermittent Py

<<Min: 370.3 - 371.7 1% pyrrhotite>> Locally magnetic

<<Alt: 362.8 - 374.7 Weak to moderate Sericite>>

<<Alt: 362.8 - 389.1 Weak Haematite >>

<<Alt: 374.7 - 376.15 Moderate Sericite>>

<<Alt: 376.15 - 389.1 Weak to moderate Sericite>> Se-Cl alteration of groundmass and replacing pyroxene

<<Alt: 379 - 381.6 Weak to moderate Clay>>

<<Alt: 381.6 - 403.7 Weak to moderate Clay>> Locally moderate alteration through a broad fault zone

<<Vein: 366.76 - 366.78 100% Quartz 40 deg. >> 2cm Qz vein undeformed, very fine diss Py along margin, trace

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 362.80 | 364.80 | 2.00 | 2587208 | 2 | 163.35 | 0.46 | 3.7 | 60.7 |
| 364.80 | 366.80 | 2.00 | 2587209 | 0.9 | 139.26 | 1.94 | 3 | 58.6 |
| 366.80 | 368.80 | 2.00 | 2587210 | 3.7 | 144.21 | 0.78 | 3.23 | 57.8 |
| 368.80 | 370.30 | 1.50 | 2587211 | 2 | 154.86 | 0.29 | 2.66 | 56.5 |
| 370.30 | 371.70 | 1.40 | 2587212 | 1.8 | 137.87 | 0.66 | 2.73 | 57.7 |
| 371.70 | 373.70 | 2.00 | 2587213 | 1.7 | 151.16 | 0.3 | 2.97 | 63.3 |
| 373.70 | 374.70 | 1.00 | 2587214 | 6.2 | 148.38 | 1.37 | 2.91 | 61.9 |
| 374.70 | 376.15 | 1.45 | 2587215 | 3.4 | 158.73 | 0.56 | 2.95 | 60.6 |
| 376.15 | 377.95 | 1.80 | 2587216 | 2.7 | 176.15 | 0.4 | 3.72 | 59.7 |
| 377.95 | 379.00 | 1.05 | 2587217 | 1.9 | 162.78 | 0.68 | 2.66 | 61.1 |

| From (m) To (m) Rocktype & Description | From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|---|
| <<Struc: 379 - 381.6 Weak to moderate Fractured>> Fractured broken core with clay altered fractures | 379.00 | 381.30 | 2.30 | 2587218 | 2.5 | 131.31 | 0.4 | 2.4 | 61.6 |
| | 381.30 | 383.30 | 2.00 | 2587219 | 2.5 | 137.33 | 0.41 | 2.25 | 63.1 |
| | 383.30 | 385.30 | 2.00 | 2587221 | 3.3 | 152.37 | 1.21 | 4.03 | 65.1 |
| | 385.30 | 387.30 | 2.00 | 2587222 | 1.4 | 152.84 | 1.31 | 2.91 | 68.5 |
| | 387.30 | 389.10 | 1.80 | 2587223 | 4.4 | 156.53 | 1.14 | 3.57 | 67 |
| **389.10 396.00 MVHD Monzonite Volcanic Hybrid grey-green FG** | 389.10 | 391.10 | 2.00 | 2587224 | 3.2 | 153.87 | 1.66 | 5.2 | 81.6 |
| 389.1 - 396: Fine grained locally siliceous where not faulted and clay altered, grey-green felsic volcanic. Locally magnetic with diss SXs ~6% very f.g. | | | | | | | | | |
| <<Min: 389.1 - 396 5% pyrite>> Very finely diss Py within f.g volcanic | 391.10 | 393.10 | 2.00 | 2587226 | 3.8 | 37.17 | 2.65 | 2.38 | 66.6 |
| <<Min: 389.1 - 396 1% pyrrhotite>> | 393.10 | 395.00 | 1.90 | 2587227 | 1.6 | 21.3 | 2.75 | 2.21 | 69.8 |
| <<Alt: 389.1 - 396 Moderate Sericite>> Patchy but locally pervasive | 395.00 | 396.00 | 1.00 | 2587228 | 2 | 30.95 | 2.41 | 2.47 | 64.7 |
| **396.00 401.55 APXT Pyroxene Andesite Crystal Tuff green-brown FMG** | 396.00 | 398.00 | 2.00 | 2587229 | 1 | 49.97 | 0.51 | 7.49 | 57.5 |
| 396 - 401.55: Plagioclase phyric crystal tuff patchy Bi-Se-Cy altered and moderately fractured | | | | | | | | | |
| <<Min: 396 - 401.55 0.3% pyrite>> | 398.00 | 400.00 | 2.00 | 2587230 | 0.4 | 57.34 | 0.92 | 2.99 | 66.5 |
| <<Alt: 396 - 401.55 Weak to moderate Sericite>> | 400.00 | 401.55 | 1.55 | 2587231 | 1 | 61.56 | 0.47 | 4.21 | 64 |
| <<Alt: 396 - 401.55 Weak to moderate Biotite>> | | | | | | | | | |
| **401.55 402.25 MVHD Monzonite Volcanic Hybrid green-brown FG** | 401.55 | 402.25 | 0.70 | 2587232 | 3.7 | 112.87 | 0.83 | 8.01 | 39.2 |
| 401.55 - 402.25: Fine grained Monzonite volcanic with fine diss Py-Po 5-6%. Faulted clay altered contacts | | | | | | | | | |
| <<Min: 401.55 - 402.35 2% pyrite>> | | | | | | | | | |
| <<Alt: 402 - 403.2 Moderate Sericite>> Patchy but strong alteration | | | | | | | | | |
| **402.25 404.60 APXT Pyroxene Andesite Crystal Tuff brown FMG** | 402.25 | 403.25 | 1.00 | 2587233 | 4.3 | 158.55 | 0.87 | 7.15 | 51.1 |
| 402.25 - 404.6: Fractured locally strong Cy-Se altered in top of unit weakly silicified down unit | | | | | | | | | |
| <<Min: 402.35 - 404.6 0.3% pyrite>> | 403.25 | 404.60 | 1.35 | 2587234 | 2.8 | 177.68 | 0.71 | 10.73 | 62.8 |
| <<Alt: 403.2 - 409.1 Weak to moderate Quartz>> | | | | | | | | | |
| **404.60 407.80 MVHD Monzonite Volcanic Hybrid grey-green FG** | 404.60 | 406.60 | 2.00 | 2587235 | 2.3 | 134.47 | 4.83 | 6.32 | 55.7 |
| 404.6 - 407.8: Fine grained volcanic with phyllic alteration light grey-green in colour with diss Py-Po 4% | | | | | | | | | |
| <<Min: 404.6 - 407.8 3% pyrite>> | 406.60 | 407.80 | 1.20 | 2587236 | 5.6 | 82.25 | 1.84 | 5.15 | 40.3 |
| <<Min: 404.6 - 407.8 1% pyrrhotite>> | | | | | | | | | |
| <<Alt: 404.6 - 407.8 moderate to strong Sericite>> Strongly Se altered light grey-green | | | | | | | | | |

| From (m) | To (m) | Rocktype & Description |
|---|---|---|
| **407.80** | **428.85** | **APFW Pyroxene Andesite Porphyry Flow green FMG** |

407.8 - 428.85: Andesite porphyry flow similar to units intersected above. Competent unit with He altered fractures and veins, trace patchy Ep and pervasive Se-Cl alteration moderate. One occurrence of Cp within 1 cm Qz-Ca vein, otherwise weakly mineralized.

<<Min: 407.8 - 428.85 0.3% pyrite>>

<<Min: 407.8 - 428.85 0.1% pyrrhotite>>

<<Min: 426.4 - 427 0.3% chalcopyrite>> Cp within Qz-Ca vein in Ep-He altered interval

<<Alt: 407.8 - 428.85 Moderate Sericite>> Pervasive Se-Cl overprint

<<Alt: 407.8 - 428.85 Weak Haematite >>

<<Alt: 407.8 - 428.85 Weak Epidote-Chlorite>> Very weak occurring mainly as fracture/vein halos

<<Vein: 426.4 - 427 5% Quartz>> Interval contains sheared/dismembered Qz-Ca veining with He-Ep alteration and one blebby occurrence of Cp

| From (m) | To (m) | Width | Sample | Au PPB AQ251 | Cu PPM AQ251 | Mo PPM AQ251 | Pb PPM AQ251 | Zn PPM AQ251 |
|---|---|---|---|---|---|---|---|---|
| 407.80 | 409.80 | 2.00 | 2587237 | 1.2 | 124.58 | 1 | 5.23 | 58.4 |
| 409.80 | 412.00 | 2.20 | 2587238 | 2 | 141.9 | 0.17 | 3.3 | 54.6 |
| 412.00 | 414.00 | 2.00 | 2587239 | 1.4 | 157.5 | 2.1 | 3 | 50.7 |
| 414.00 | 416.00 | 2.00 | 2587240 | 2.4 | 175.49 | 0.47 | 2.97 | 57.6 |
| 416.00 | 418.00 | 2.00 | 2587241 | 2.1 | 143.78 | 5.55 | 3.1 | 57 |
| 418.00 | 420.00 | 2.00 | 2587242 | 5.7 | 147.34 | 0.89 | 2.97 | 65.4 |
| 420.00 | 422.00 | 2.00 | 2587243 | 2.3 | 158.76 | 0.42 | 1.62 | 55 |
| 422.00 | 424.00 | 2.00 | 2587244 | 6.2 | 169.01 | 0.54 | 2.18 | 56.6 |
| 424.00 | 426.00 | 2.00 | 2587246 | -0.2 | 159.91 | 1.36 | 3.49 | 50 |
| 426.00 | 427.00 | 1.00 | 2587247 | -0.2 | 149.03 | 0.56 | 1.95 | 54.2 |
| 427.00 | 428.85 | 1.85 | 2587248 | -0.2 | 163.85 | 0.79 | 1.62 | 47.3 |

**End of Hole @ 428.85**

**Appendix E: Drill Core Analysis Certificates**

This appendix contains all certificates of analysis (COA) pertaining to exploration drilling at the Mitzi and Snell Targets during the 2016 drill program on the Northwest Claim Group. COAs are listed in alphanumeric order, with the first page of each COA indicated in the Page Number column in Table E-1 below.

**Table E-1: Table of contents for COAs in this appendix**

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 12, 2016 |
| Report Date: | September 22, 2016 |
| Page: | 1 of 8 |

# CERTIFICATE OF ANALYSIS VAN16001611.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01-1 |
| P.O. Number | TRX16-01-1 |
| Number of Samples: | 200 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 190 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| PUL85 | 5 | Pulverize to 85% passing 200 mesh | | | VAN |
| SPTRF | 5 | Split samples by riffle splitter | | | VAN |
| AQ251_EXT | 200 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 200 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 190 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570501 | Drill Core | 1.51 | 1.48 | 132.33 | 6.38 | 111.1 | 126 | 25.6 | 23.6 | 478 | 4.73 | 1.0 | 0.3 | 2.9 | 0.7 | 99.8 | 0.49 | 0.18 | 0.02 | 160 | 0.89 |
| 2570502 | Drill Core | 2.25 | 1.54 | 130.13 | 7.77 | 86.8 | 158 | 25.9 | 22.2 | 474 | 4.11 | 0.7 | 0.2 | 3.7 | 0.7 | 241.2 | 0.42 | 0.15 | 0.04 | 148 | 1.01 |
| 2570503 | Drill Core | 3.51 | 0.63 | 94.77 | 3.90 | 53.8 | 104 | 23.5 | 21.5 | 408 | 3.70 | 2.4 | 0.2 | 2.3 | 0.7 | 376.3 | 0.12 | 0.20 | 0.03 | 129 | 1.63 |
| 2570504 | Drill Core | 3.79 | 0.88 | 83.12 | 7.06 | 54.8 | 104 | 20.9 | 17.9 | 327 | 2.93 | 1.8 | 0.2 | 4.1 | 0.7 | 70.1 | 0.18 | 0.20 | 0.03 | 98 | 1.57 |
| 2570505 | Core DUP | | 0.90 | 87.34 | 8.27 | 62.2 | 105 | 22.2 | 18.4 | 338 | 2.92 | 1.7 | 0.2 | 6.2 | 0.7 | 71.6 | 0.23 | 0.21 | 0.03 | 96 | 1.58 |
| 2570506 | Drill Core | 3.94 | 0.72 | 79.97 | 4.39 | 48.3 | 91 | 20.3 | 17.8 | 297 | 2.87 | 1.2 | 0.2 | 3.1 | 0.7 | 65.0 | 0.16 | 0.14 | 0.03 | 94 | 1.27 |
| 2570507 | Drill Core | 4.03 | 0.94 | 43.46 | 4.94 | 46.6 | 87 | 25.5 | 22.7 | 348 | 3.15 | 4.3 | 0.2 | 2.4 | 0.6 | 108.2 | 0.13 | 0.16 | 0.05 | 97 | 1.47 |
| 2570508 | Drill Core | 2.29 | 0.78 | 122.34 | 6.21 | 60.5 | 239 | 25.7 | 24.6 | 951 | 5.32 | 11.9 | 0.1 | 3.2 | 0.5 | 137.1 | 0.12 | 0.57 | 0.11 | 181 | 6.01 |
| 2570509 | Drill Core | 2.57 | 0.87 | 62.00 | 7.27 | 85.1 | 118 | 26.4 | 29.6 | 1082 | 6.65 | 4.2 | 0.2 | 1.8 | 0.8 | 161.2 | 0.12 | 0.33 | 0.09 | 208 | 4.38 |
| 2570510 | Rock Pulp | 0.10 | 223.22 | 2619.31 | 49.99 | 300.6 | 3268 | 9.4 | 19.1 | 230 | 3.33 | 25.3 | 6.4 | 260.9 | 12.0 | 51.8 | 2.47 | 6.40 | 4.56 | 42 | 0.91 |
| 2570511 | Drill Core | 3.33 | 1.05 | 83.34 | 4.50 | 52.3 | 96 | 18.9 | 18.6 | 432 | 3.37 | 0.7 | 0.3 | 4.7 | 0.9 | 98.0 | 0.12 | 0.21 | 0.04 | 115 | 1.57 |
| 2570512 | Drill Core | 3.36 | 0.92 | 70.17 | 4.87 | 52.0 | 93 | 21.9 | 21.8 | 488 | 3.71 | 1.5 | 0.3 | 4.8 | 0.9 | 72.5 | 0.08 | 0.24 | 0.06 | 121 | 1.97 |
| 2570513 | Drill Core | 3.01 | 1.02 | 91.81 | 5.83 | 59.1 | 170 | 28.3 | 24.7 | 855 | 4.41 | 10.5 | 0.2 | 7.6 | 0.6 | 310.4 | 0.15 | 0.59 | 0.10 | 145 | 5.66 |
| 2570514 | Drill Core | 3.57 | 1.03 | 64.80 | 4.16 | 48.8 | 94 | 20.1 | 19.6 | 490 | 3.23 | 2.3 | 0.3 | 3.1 | 0.7 | 63.7 | 0.09 | 0.24 | 0.05 | 101 | 1.82 |
| 2570515 | Drill Core | 3.59 | 1.00 | 82.10 | 4.46 | 55.8 | 100 | 20.0 | 20.0 | 511 | 3.84 | 0.9 | 0.3 | 3.9 | 0.8 | 80.1 | 0.06 | 0.20 | 0.05 | 125 | 1.79 |
| 2570516 | Drill Core | 4.33 | 0.98 | 109.16 | 6.60 | 67.8 | 178 | 22.8 | 25.0 | 657 | 4.81 | 4.2 | 0.2 | 4.1 | 0.7 | 95.0 | 0.10 | 0.63 | 0.09 | 147 | 2.52 |
| 2570517 | Drill Core | 4.17 | 1.12 | 91.70 | 3.10 | 54.2 | 88 | 16.9 | 18.1 | 423 | 3.58 | 0.4 | 0.3 | 1.5 | 0.8 | 125.3 | 0.09 | 0.11 | 0.02 | 121 | 1.59 |
| 2570518 | Drill Core | 4.56 | 1.02 | 79.52 | 8.22 | 94.8 | 91 | 17.2 | 17.8 | 439 | 3.17 | 0.6 | 0.2 | 2.6 | 0.7 | 105.8 | 0.38 | 0.19 | 0.04 | 101 | 1.50 |
| 2570519 | Drill Core | 4.51 | 0.93 | 89.73 | 3.06 | 55.3 | 86 | 21.8 | 21.8 | 421 | 4.00 | 0.7 | 0.3 | 2.7 | 0.8 | 132.1 | 0.13 | 0.11 | 0.07 | 130 | 1.63 |
| 2570520 | Drill Core | 4.58 | 1.15 | 105.70 | 3.15 | 61.5 | 83 | 21.6 | 21.5 | 459 | 4.07 | 0.8 | 0.3 | 2.8 | 0.7 | 161.2 | 0.11 | 0.08 | 0.03 | 132 | 1.45 |
| 2570521 | Drill Core | 1.06 | 1.09 | 235.72 | 4.49 | 36.2 | 211 | 18.4 | 24.7 | 314 | 3.59 | 0.8 | 0.3 | 5.3 | 0.6 | 193.4 | 0.13 | 0.18 | 0.14 | 67 | 2.11 |
| 2570522 | Drill Core | 5.10 | 0.62 | 103.44 | 3.55 | 61.8 | 89 | 20.2 | 20.4 | 322 | 3.91 | 0.3 | 0.4 | 2.2 | 0.7 | 187.6 | 0.12 | 0.07 | 0.02 | 140 | 1.53 |
| 2570523 | Drill Core | 4.40 | 0.65 | 101.86 | 2.95 | 51.0 | 78 | 23.0 | 19.1 | 323 | 3.44 | 0.2 | 0.3 | 1.8 | 0.7 | 146.3 | 0.08 | 0.09 | 0.02 | 117 | 1.67 |
| 2570524 | Drill Core | 2.51 | 0.73 | 104.27 | 4.11 | 51.3 | 72 | 22.2 | 17.7 | 298 | 3.17 | 0.4 | 0.3 | 2.4 | 0.7 | 128.2 | 0.09 | 0.10 | <0.02 | 112 | 1.57 |
| 2570525 | Drill Core | 2.48 | 0.70 | 102.03 | 2.66 | 50.0 | 72 | 21.1 | 17.9 | 285 | 3.20 | 0.5 | 0.3 | 1.9 | 0.7 | 129.4 | 0.10 | 0.09 | <0.02 | 113 | 1.49 |
| 2570526 | Drill Core | 2.93 | 0.52 | 99.08 | 4.11 | 51.1 | 75 | 23.0 | 21.0 | 366 | 3.68 | 0.5 | 0.3 | 0.9 | 0.7 | 128.6 | 0.08 | 0.13 | 0.03 | 130 | 2.15 |
| 2570527 | Drill Core | 4.27 | 0.77 | 97.10 | 3.11 | 48.5 | 73 | 25.4 | 21.5 | 288 | 3.50 | 0.4 | 0.3 | 2.4 | 0.7 | 218.7 | 0.10 | 0.09 | 0.03 | 136 | 1.89 |
| 2570528 | Drill Core | 2.90 | 0.85 | 94.82 | 3.19 | 48.3 | 81 | 22.7 | 18.4 | 290 | 3.09 | 0.5 | 0.3 | 4.2 | 0.7 | 203.3 | 0.11 | 0.13 | 0.04 | 118 | 2.34 |
| 2570529 | Drill Core | 6.30 | 0.58 | 104.44 | 2.76 | 53.0 | 74 | 21.1 | 19.0 | 333 | 3.55 | 0.4 | 0.3 | 1.5 | 0.8 | 173.9 | 0.10 | 0.08 | 0.03 | 128 | 1.72 |
| 2570530 | Drill Core | 1.84 | 1.69 | 120.28 | 3.42 | 37.1 | 174 | 14.3 | 20.7 | 289 | 3.02 | 0.3 | 0.3 | 2.8 | 1.1 | 50.9 | 0.05 | 0.19 | 0.12 | 95 | 1.20 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570501 | Drill Core | 0.150 | 2.4 | 62.0 | 2.36 | 977.3 | 0.349 | 1 | 2.90 | 0.105 | 1.81 | 0.1 | 4.1 | 0.31 | 0.07 | 8 | 0.3 | 0.03 | 9.1 | 2.85 | <0.1 |
| 2570502 | Drill Core | 0.140 | 2.4 | 62.3 | 2.20 | 962.0 | 0.339 | 1 | 2.90 | 0.152 | 1.64 | 0.1 | 3.7 | 0.37 | 0.07 | 9 | 0.1 | 0.05 | 8.6 | 3.68 | 0.1 |
| 2570503 | Drill Core | 0.147 | 2.9 | 50.8 | 1.86 | 419.7 | 0.205 | 2 | 2.87 | 0.158 | 0.67 | 0.2 | 5.0 | 0.14 | 0.15 | <5 | 0.4 | 0.05 | 7.9 | 1.57 | 0.1 |
| 2570504 | Drill Core | 0.131 | 2.7 | 38.8 | 1.35 | 156.1 | 0.179 | 1 | 1.79 | 0.106 | 0.20 | 0.2 | 5.0 | 0.05 | 0.12 | <5 | 0.2 | 0.03 | 6.5 | 0.48 | 0.1 |
| 2570505 | Core DUP | 0.139 | 2.7 | 42.2 | 1.36 | 168.2 | 0.181 | <1 | 1.79 | 0.100 | 0.19 | 0.2 | 5.1 | 0.07 | 0.12 | <5 | 0.2 | 0.06 | 7.1 | 0.52 | <0.1 |
| 2570506 | Drill Core | 0.131 | 2.4 | 42.5 | 1.35 | 124.6 | 0.177 | 2 | 1.79 | 0.106 | 0.21 | 0.2 | 4.4 | 0.05 | 0.09 | <5 | 0.2 | 0.04 | 6.4 | 0.58 | 0.1 |
| 2570507 | Drill Core | 0.140 | 2.3 | 43.2 | 1.30 | 234.6 | 0.224 | <1 | 2.19 | 0.197 | 0.39 | 0.3 | 4.5 | 0.15 | 0.30 | 9 | 0.2 | 0.10 | 6.7 | 0.82 | <0.1 |
| 2570508 | Drill Core | 0.134 | 3.6 | 59.1 | 2.63 | 74.3 | 0.092 | 4 | 2.87 | 0.029 | 0.23 | 0.3 | 15.7 | 0.12 | 0.79 | <5 | 0.2 | 0.11 | 8.3 | 1.62 | <0.1 |
| 2570509 | Drill Core | 0.159 | 4.1 | 59.4 | 2.69 | 184.8 | 0.148 | 3 | 3.35 | 0.079 | 0.29 | 0.2 | 17.9 | 0.14 | 0.39 | <5 | 0.2 | 0.11 | 11.1 | 2.13 | 0.1 |
| 2570510 | Rock Pulp | 0.051 | 22.5 | 67.4 | 0.65 | 48.9 | 0.042 | 2 | 1.26 | 0.033 | 0.54 | 3.5 | 5.2 | 0.38 | 1.96 | 68 | 2.7 | 0.30 | 3.6 | 2.16 | 0.1 |
| 2570511 | Drill Core | 0.146 | 4.0 | 40.9 | 1.37 | 243.0 | 0.228 | 2 | 2.05 | 0.139 | 0.43 | 0.2 | 5.5 | 0.14 | 0.08 | 5 | <0.1 | 0.03 | 7.4 | 1.34 | <0.1 |
| 2570512 | Drill Core | 0.160 | 3.6 | 42.4 | 1.47 | 167.7 | 0.255 | 1 | 2.32 | 0.106 | 0.28 | 0.4 | 5.5 | 0.09 | 0.25 | <5 | <0.1 | 0.04 | 8.6 | 1.23 | 0.2 |
| 2570513 | Drill Core | 0.146 | 3.2 | 47.5 | 1.70 | 65.5 | 0.191 | 3 | 2.50 | 0.108 | 0.17 | 0.6 | 8.5 | 0.08 | 0.83 | <5 | 0.5 | 0.13 | 8.7 | 0.88 | <0.1 |
| 2570514 | Drill Core | 0.166 | 3.0 | 41.4 | 1.23 | 119.3 | 0.209 | 2 | 1.85 | 0.119 | 0.21 | 0.4 | 4.9 | 0.09 | 0.24 | <5 | 0.1 | 0.04 | 6.1 | 0.69 | 0.1 |
| 2570515 | Drill Core | 0.144 | 3.4 | 44.1 | 1.57 | 180.2 | 0.235 | 3 | 2.35 | 0.157 | 0.42 | 0.3 | 6.7 | 0.15 | 0.11 | 7 | <0.1 | 0.04 | 8.5 | 1.27 | 0.1 |
| 2570516 | Drill Core | 0.146 | 3.2 | 46.8 | 1.81 | 154.0 | 0.228 | 2 | 2.47 | 0.128 | 0.32 | 0.7 | 8.4 | 0.14 | 0.66 | <5 | 0.3 | 0.11 | 8.3 | 1.10 | 0.2 |
| 2570517 | Drill Core | 0.152 | 2.9 | 40.0 | 1.45 | 402.0 | 0.237 | 2 | 2.37 | 0.202 | 0.75 | 0.1 | 6.1 | 0.16 | 0.04 | <5 | 0.2 | 0.05 | 7.5 | 1.46 | 0.2 |
| 2570518 | Drill Core | 0.161 | 2.4 | 37.0 | 1.19 | 415.1 | 0.236 | <1 | 2.26 | 0.190 | 0.68 | 0.2 | 4.0 | 0.25 | 0.11 | 10 | <0.1 | 0.05 | 6.6 | 1.19 | <0.1 |
| 2570519 | Drill Core | 0.159 | 3.1 | 42.4 | 1.53 | 482.6 | 0.294 | 2 | 3.14 | 0.262 | 1.07 | 0.2 | 4.4 | 0.21 | 0.19 | 5 | 0.2 | 0.06 | 9.4 | 1.75 | 0.1 |
| 2570520 | Drill Core | 0.157 | 2.5 | 49.9 | 1.66 | 780.1 | 0.296 | 3 | 3.15 | 0.254 | 1.08 | <0.1 | 4.5 | 0.19 | 0.05 | <5 | <0.1 | <0.02 | 9.1 | 1.44 | 0.1 |
| 2570521 | Drill Core | 0.226 | 3.1 | 20.5 | 0.80 | 103.2 | 0.212 | 2 | 2.68 | 0.277 | 0.41 | 0.6 | 2.8 | 0.12 | 1.12 | 12 | 0.2 | 0.24 | 6.1 | 0.53 | 0.1 |
| 2570522 | Drill Core | 0.159 | 3.2 | 46.2 | 1.73 | 906.6 | 0.261 | 2 | 3.45 | 0.329 | 1.14 | <0.1 | 4.4 | 0.19 | 0.05 | 9 | 0.3 | 0.04 | 9.3 | 1.52 | 0.2 |
| 2570523 | Drill Core | 0.161 | 3.2 | 47.8 | 1.58 | 539.7 | 0.224 | 1 | 3.06 | 0.318 | 0.75 | 0.1 | 4.2 | 0.14 | 0.06 | 11 | <0.1 | <0.02 | 8.2 | 1.15 | <0.1 |
| 2570524 | Drill Core | 0.152 | 3.4 | 45.1 | 1.44 | 356.3 | 0.214 | 1 | 2.69 | 0.264 | 0.54 | 0.2 | 4.4 | 0.10 | 0.05 | 11 | 0.1 | 0.03 | 8.0 | 1.02 | 0.2 |
| 2570525 | Drill Core | 0.159 | 3.2 | 46.8 | 1.46 | 384.5 | 0.215 | 2 | 2.72 | 0.266 | 0.64 | 0.1 | 4.6 | 0.11 | 0.05 | <5 | <0.1 | <0.02 | 7.4 | 1.17 | 0.1 |
| 2570526 | Drill Core | 0.162 | 3.4 | 52.1 | 1.69 | 97.3 | 0.235 | 3 | 3.28 | 0.204 | 0.14 | 0.2 | 3.9 | 0.05 | 0.10 | <5 | <0.1 | <0.02 | 9.7 | 0.82 | <0.1 |
| 2570527 | Drill Core | 0.148 | 3.0 | 58.0 | 1.62 | 390.5 | 0.242 | 3 | 3.52 | 0.358 | 0.54 | 0.2 | 4.1 | 0.17 | 0.06 | 7 | <0.1 | 0.03 | 9.6 | 1.60 | <0.1 |
| 2570528 | Drill Core | 0.155 | 3.4 | 48.1 | 1.34 | 319.0 | 0.224 | 2 | 3.29 | 0.324 | 0.40 | 0.3 | 3.9 | 0.11 | 0.09 | 6 | <0.1 | 0.06 | 9.1 | 1.04 | 0.1 |
| 2570529 | Drill Core | 0.160 | 3.4 | 46.3 | 1.52 | 654.5 | 0.292 | 2 | 3.15 | 0.264 | 0.91 | 0.2 | 4.1 | 0.19 | 0.06 | <5 | <0.1 | <0.02 | 8.5 | 1.73 | 0.2 |
| 2570530 | Drill Core | 0.144 | 6.2 | 15.2 | 0.76 | 91.5 | 0.192 | <1 | 1.32 | 0.156 | 0.41 | 0.2 | 4.8 | 0.23 | 0.74 | 7 | 0.2 | 0.09 | 4.8 | 1.31 | 0.2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570501 | Drill Core | 0.02 | 0.05 | 34.8 | 1.6 | <0.05 | 0.8 | 6.17 | 5.2 | 0.02 | 2 | 0.2 | 13.6 | <10 | <2 |
| 2570502 | Drill Core | 0.04 | 0.04 | 41.3 | 0.8 | <0.05 | 1.1 | 5.52 | 5.2 | <0.02 | 2 | <0.1 | 14.5 | <10 | <2 |
| 2570503 | Drill Core | 0.13 | 0.06 | 16.2 | 0.3 | <0.05 | 1.2 | 7.28 | 6.9 | <0.02 | 1 | 0.2 | 16.3 | <10 | <2 |
| 2570504 | Drill Core | 0.14 | 0.09 | 4.4 | 0.3 | <0.05 | 3.6 | 6.97 | 6.4 | <0.02 | <1 | 0.3 | 12.2 | <10 | <2 |
| 2570505 | Core DUP | 0.12 | 0.08 | 4.4 | 0.3 | <0.05 | 1.7 | 6.88 | 6.6 | 0.02 | <1 | <0.1 | 12.1 | <10 | 4 |
| 2570506 | Drill Core | 0.07 | 0.12 | 5.2 | 0.2 | <0.05 | 1.8 | 6.33 | 5.7 | <0.02 | <1 | <0.1 | 13.5 | <10 | 2 |
| 2570507 | Drill Core | 0.08 | 0.08 | 13.2 | 0.4 | <0.05 | 2.1 | 6.20 | 5.3 | <0.02 | 4 | 0.2 | 12.5 | <10 | <2 |
| 2570508 | Drill Core | 0.06 | 0.02 | 10.5 | 0.3 | <0.05 | 1.4 | 10.27 | 8.0 | 0.05 | 2 | 0.4 | 22.9 | <10 | 3 |
| 2570509 | Drill Core | 0.09 | 0.02 | 11.8 | 0.4 | <0.05 | 2.0 | 11.25 | 9.0 | 0.06 | 1 | 0.2 | 21.5 | <10 | 3 |
| 2570510 | Rock Pulp | 0.12 | 0.06 | 35.9 | 1.2 | <0.05 | 3.5 | 9.23 | 40.0 | 0.05 | 47 | 0.7 | 5.8 | <10 | <2 |
| 2570511 | Drill Core | 0.10 | 0.08 | 11.9 | 0.4 | <0.05 | 2.0 | 8.47 | 8.7 | 0.02 | <1 | 0.2 | 12.2 | <10 | <2 |
| 2570512 | Drill Core | 0.11 | 0.09 | 8.2 | 0.5 | <0.05 | 2.2 | 8.54 | 7.9 | <0.02 | 2 | 0.1 | 16.1 | <10 | 5 |
| 2570513 | Drill Core | 0.09 | 0.07 | 7.4 | 0.3 | <0.05 | 1.7 | 8.18 | 7.0 | 0.04 | <1 | 0.3 | 18.1 | <10 | 3 |
| 2570514 | Drill Core | 0.13 | 0.10 | 7.1 | 0.3 | <0.05 | 2.6 | 7.07 | 6.7 | <0.02 | <1 | 0.1 | 13.1 | <10 | <2 |
| 2570515 | Drill Core | 0.13 | 0.10 | 12.8 | 0.4 | <0.05 | 2.3 | 8.01 | 7.3 | <0.02 | <1 | 0.2 | 18.2 | <10 | <2 |
| 2570516 | Drill Core | 0.09 | 0.10 | 11.3 | 0.4 | <0.05 | 1.8 | 8.06 | 7.4 | <0.02 | <1 | 0.3 | 17.1 | 12 | 2 |
| 2570517 | Drill Core | 0.11 | 0.11 | 19.2 | 0.3 | <0.05 | 1.7 | 7.72 | 6.6 | <0.02 | <1 | 0.1 | 13.9 | <10 | <2 |
| 2570518 | Drill Core | 0.08 | 0.05 | 18.3 | 0.3 | <0.05 | 1.7 | 6.30 | 5.5 | <0.02 | <1 | 0.3 | 13.3 | <10 | 3 |
| 2570519 | Drill Core | 0.07 | 0.09 | 23.6 | 0.3 | <0.05 | 1.2 | 7.37 | 6.9 | <0.02 | <1 | 0.3 | 18.5 | <10 | <2 |
| 2570520 | Drill Core | 0.13 | 0.13 | 24.3 | 0.3 | <0.05 | 1.0 | 6.65 | 5.9 | <0.02 | 1 | 0.2 | 21.3 | <10 | <2 |
| 2570521 | Drill Core | 0.09 | 0.10 | 9.1 | 0.4 | <0.05 | 1.9 | 8.39 | 7.1 | <0.02 | <1 | 0.2 | 12.5 | <10 | 4 |
| 2570522 | Drill Core | 0.12 | 0.13 | 22.5 | 0.4 | <0.05 | 1.1 | 7.12 | 6.9 | <0.02 | <1 | 0.1 | 21.5 | <10 | <2 |
| 2570523 | Drill Core | 0.05 | 0.06 | 16.1 | 0.4 | <0.05 | 1.0 | 7.27 | 7.2 | <0.02 | <1 | 0.1 | 17.8 | <10 | <2 |
| 2570524 | Drill Core | 0.07 | 0.09 | 12.8 | 0.3 | <0.05 | 1.3 | 7.00 | 7.4 | <0.02 | <1 | 0.3 | 15.2 | <10 | <2 |
| 2570525 | Drill Core | 0.04 | 0.09 | 14.9 | 0.3 | <0.05 | 1.0 | 6.85 | 7.0 | <0.02 | <1 | 0.2 | 15.5 | <10 | <2 |
| 2570526 | Drill Core | 0.06 | 0.04 | 4.2 | 0.3 | <0.05 | 1.3 | 8.01 | 7.2 | <0.02 | <1 | 0.3 | 21.3 | <10 | <2 |
| 2570527 | Drill Core | 0.03 | 0.11 | 15.2 | 0.3 | <0.05 | 0.8 | 6.83 | 6.5 | <0.02 | <1 | 0.2 | 18.6 | 10 | <2 |
| 2570528 | Drill Core | 0.07 | 0.09 | 9.7 | 0.3 | <0.05 | 1.3 | 7.00 | 7.3 | <0.02 | <1 | 0.1 | 15.2 | <10 | <2 |
| 2570529 | Drill Core | 0.05 | 0.08 | 21.3 | 0.3 | <0.05 | 1.2 | 7.59 | 7.7 | <0.02 | <1 | 0.1 | 17.5 | <10 | <2 |
| 2570530 | Drill Core | 0.12 | 0.24 | 14.7 | 0.3 | <0.05 | 2.8 | 8.06 | 12.5 | <0.02 | <1 | <0.1 | 7.9 | <10 | <2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570531 | Drill Core | 7.45 | 0.70 | 96.43 | 2.73 | 47.1 | 89 | 22.5 | 19.2 | 258 | 3.37 | 0.4 | 0.3 | 2.6 | 0.8 | 237.7 | 0.08 | 0.07 | 0.04 | 129 | 1.79 |
| 2570532 | Drill Core | 2.69 | 1.21 | 109.78 | 3.24 | 40.5 | 117 | 24.5 | 23.6 | 355 | 3.90 | 0.3 | 0.3 | 2.8 | 0.7 | 250.8 | 0.05 | 0.18 | 0.13 | 115 | 2.43 |
| 2570533 | Drill Core | 5.35 | 0.53 | 106.52 | 2.85 | 37.0 | 151 | 28.5 | 25.9 | 374 | 3.65 | 0.3 | 0.2 | 1.7 | 0.7 | 162.5 | 0.06 | 0.09 | 0.14 | 105 | 1.95 |
| 2570534 | Drill Core | 5.46 | 0.62 | 86.95 | 3.93 | 44.9 | 82 | 23.0 | 19.3 | 319 | 3.23 | 0.2 | 0.3 | 1.0 | 0.9 | 94.6 | 0.11 | 0.13 | 0.06 | 109 | 1.59 |
| 2570535 | Drill Core | 5.49 | 0.77 | 86.40 | 3.36 | 40.6 | 78 | 19.3 | 17.1 | 273 | 2.86 | 0.3 | 0.3 | 1.4 | 0.9 | 142.1 | 0.14 | 0.09 | 0.03 | 95 | 1.60 |
| 2570536 | Drill Core | 5.32 | 0.84 | 87.32 | 3.46 | 44.0 | 76 | 20.2 | 18.2 | 296 | 2.96 | 0.2 | 0.3 | 0.4 | 0.8 | 138.7 | 0.10 | 0.10 | 0.04 | 95 | 1.60 |
| 2570537 | Drill Core | 5.47 | 0.97 | 93.98 | 2.27 | 39.7 | 70 | 21.8 | 19.1 | 299 | 3.05 | 0.3 | 0.3 | <0.2 | 0.8 | 157.2 | 0.08 | 0.07 | 0.02 | 103 | 1.74 |
| 2570538 | Drill Core | 3.48 | 0.85 | 92.11 | 2.32 | 28.4 | 78 | 14.6 | 13.6 | 240 | 1.93 | 0.5 | 0.3 | 0.3 | 0.8 | 69.2 | 0.08 | 0.22 | 0.03 | 69 | 1.45 |
| 2570539 | Drill Core | 4.83 | 0.56 | 82.19 | 3.92 | 44.3 | 60 | 20.0 | 19.4 | 412 | 3.21 | 0.3 | 0.2 | <0.2 | 0.8 | 77.0 | 0.09 | 0.24 | 0.03 | 109 | 2.48 |
| 2570540 | Rock | 0.97 | 0.05 | 0.36 | 0.32 | 1.3 | <2 | <0.1 | <0.1 | 15 | 0.02 | <0.1 | 1.5 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.45 |
| 2570541 | Drill Core | 6.95 | 0.55 | 92.81 | 2.72 | 41.1 | 66 | 21.3 | 19.9 | 315 | 3.00 | 0.1 | 0.2 | 0.9 | 0.8 | 121.1 | 0.09 | 0.07 | 0.03 | 97 | 1.50 |
| 2570542 | Drill Core | 4.90 | 0.62 | 94.31 | 3.14 | 37.7 | 75 | 19.3 | 17.3 | 331 | 2.78 | 0.6 | 0.2 | 1.2 | 0.7 | 109.9 | 0.09 | 0.12 | 0.03 | 87 | 1.54 |
| 2570543 | Drill Core | 5.61 | 0.49 | 93.03 | 2.72 | 39.3 | 72 | 20.0 | 17.3 | 319 | 2.76 | 0.9 | 0.2 | 1.5 | 0.6 | 86.7 | 0.11 | 0.11 | <0.02 | 85 | 1.42 |
| 2570544 | Drill Core | 4.22 | 0.71 | 102.04 | 3.96 | 42.8 | 77 | 19.1 | 17.4 | 289 | 2.69 | <0.1 | 0.2 | 2.0 | 0.7 | 91.0 | 0.10 | 0.07 | 0.03 | 85 | 1.39 |
| 2570545 | Core DUP | | 0.71 | 96.99 | 3.22 | 41.0 | 66 | 18.7 | 17.8 | 286 | 2.65 | 0.6 | 0.2 | 1.7 | 0.6 | 90.4 | 0.10 | 0.06 | <0.02 | 84 | 1.37 |
| 2570546 | Drill Core | 4.52 | 0.87 | 114.67 | 2.80 | 44.4 | 75 | 22.3 | 20.8 | 352 | 3.12 | 1.1 | 0.2 | <0.2 | 0.7 | 72.4 | 0.08 | 0.10 | 0.03 | 95 | 1.74 |
| 2570547 | Drill Core | 2.88 | 1.20 | 84.87 | 4.71 | 40.3 | 71 | 22.5 | 20.4 | 415 | 3.21 | 0.4 | 0.2 | 1.7 | 0.8 | 62.6 | 0.09 | 0.20 | 0.03 | 108 | 2.35 |
| 2570548 | Drill Core | 5.66 | 0.90 | 94.99 | 3.13 | 43.9 | 81 | 20.7 | 18.9 | 331 | 2.94 | 0.8 | 0.2 | 0.9 | 0.6 | 75.2 | 0.06 | 0.11 | 0.03 | 92 | 1.49 |
| 2570549 | Drill Core | 4.51 | 0.56 | 100.26 | 2.90 | 42.1 | 77 | 19.5 | 18.4 | 355 | 2.90 | 0.1 | 0.2 | 0.6 | 0.7 | 93.7 | 0.14 | 0.13 | 0.02 | 95 | 1.87 |
| 2570550 | Rock Pulp | 0.11 | 222.46 | 2586.18 | 48.08 | 293.0 | 3192 | 9.6 | 18.6 | 211 | 3.28 | 24.2 | 6.1 | 276.3 | 11.6 | 50.1 | 2.31 | 6.61 | 4.46 | 42 | 0.89 |
| 2570551 | Drill Core | 5.35 | 0.52 | 100.42 | 2.36 | 41.8 | 72 | 18.6 | 16.8 | 348 | 2.94 | 0.2 | 0.2 | 2.4 | 0.7 | 115.2 | 0.09 | 0.11 | <0.02 | 99 | 1.50 |
| 2570552 | Drill Core | 3.89 | 0.52 | 99.46 | 2.88 | 47.9 | 71 | 19.2 | 18.6 | 425 | 3.16 | 0.4 | 0.2 | 1.3 | 0.7 | 90.3 | 0.09 | 0.22 | 0.02 | 104 | 1.87 |
| 2570553 | Drill Core | 5.50 | 0.45 | 97.40 | 3.05 | 55.2 | 68 | 25.1 | 24.3 | 582 | 3.97 | 0.9 | 0.2 | 1.3 | 0.7 | 106.0 | 0.14 | 0.85 | 0.03 | 141 | 3.05 |
| 2570554 | Drill Core | 3.06 | 0.52 | 79.98 | 3.86 | 64.9 | 77 | 18.7 | 22.4 | 712 | 4.37 | 6.7 | 0.3 | 0.8 | 0.9 | 61.5 | 0.10 | 1.01 | <0.02 | 131 | 2.25 |
| 2570555 | Drill Core | 4.76 | 0.48 | 77.12 | 2.77 | 54.0 | 50 | 14.3 | 18.7 | 570 | 3.62 | 0.5 | 0.3 | <0.2 | 1.0 | 64.8 | 0.09 | 0.28 | <0.02 | 123 | 1.55 |
| 2570556 | Drill Core | 5.32 | 0.74 | 97.10 | 1.71 | 48.4 | 70 | 13.8 | 17.3 | 496 | 3.14 | 0.6 | 0.2 | 0.9 | 0.9 | 46.1 | 0.12 | 0.09 | <0.02 | 110 | 1.29 |
| 2570557 | Drill Core | 5.37 | 0.42 | 78.21 | 1.75 | 55.6 | 67 | 13.1 | 17.5 | 524 | 3.53 | 0.3 | 0.2 | <0.2 | 0.8 | 48.4 | 0.12 | 0.08 | <0.02 | 121 | 1.28 |
| 2570558 | Drill Core | 5.61 | 0.58 | 85.95 | 1.51 | 53.1 | 59 | 13.6 | 17.3 | 479 | 3.43 | <0.1 | 0.2 | 0.3 | 0.8 | 41.9 | 0.10 | 0.06 | <0.02 | 116 | 1.04 |
| 2570559 | Drill Core | 5.32 | 0.73 | 76.05 | 1.67 | 52.2 | 67 | 12.8 | 17.3 | 466 | 3.49 | 0.4 | 0.2 | <0.2 | 0.8 | 52.1 | 0.10 | 0.07 | <0.02 | 114 | 1.28 |
| 2570560 | Drill Core | 5.64 | 0.89 | 80.37 | 1.30 | 51.6 | 61 | 11.9 | 16.2 | 449 | 3.35 | <0.1 | 0.2 | <0.2 | 0.8 | 47.5 | 0.11 | 0.06 | <0.02 | 117 | 1.09 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570531 | Drill Core | 0.160 | 3.8 | 49.8 | 1.49 | 791.9 | 0.244 | 1 | 3.62 | 0.407 | 1.12 | 0.1 | 4.2 | 0.29 | 0.08 | 10 | 0.1 | 0.02 | 8.8 | 2.04 | 0.2 |
| 2570532 | Drill Core | 0.174 | 3.8 | 44.4 | 1.40 | 294.9 | 0.297 | 2 | 3.99 | 0.441 | 0.88 | 0.3 | 4.3 | 0.35 | 0.50 | <5 | 0.2 | 0.11 | 9.2 | 1.84 | 0.1 |
| 2570533 | Drill Core | 0.168 | 3.3 | 44.5 | 1.24 | 243.8 | 0.280 | 2 | 2.91 | 0.302 | 0.73 | 0.4 | 4.2 | 0.30 | 0.65 | <5 | <0.1 | 0.16 | 7.5 | 1.55 | 0.1 |
| 2570534 | Drill Core | 0.132 | 3.6 | 43.1 | 1.49 | 434.6 | 0.285 | 2 | 2.54 | 0.190 | 0.77 | 0.3 | 4.9 | 0.25 | 0.13 | 7 | <0.1 | <0.02 | 8.0 | 1.71 | 0.2 |
| 2570535 | Drill Core | 0.133 | 3.8 | 39.5 | 1.34 | 536.1 | 0.226 | 2 | 2.61 | 0.255 | 0.70 | 0.2 | 5.2 | 0.15 | 0.05 | <5 | <0.1 | 0.03 | 7.3 | 1.07 | 0.2 |
| 2570536 | Drill Core | 0.140 | 3.6 | 38.6 | 1.40 | 465.5 | 0.220 | 2 | 2.59 | 0.244 | 0.66 | 0.1 | 5.1 | 0.17 | 0.09 | <5 | <0.1 | <0.02 | 7.3 | 1.20 | 0.1 |
| 2570537 | Drill Core | 0.139 | 3.8 | 39.7 | 1.53 | 624.1 | 0.206 | 2 | 2.69 | 0.254 | 0.68 | 0.1 | 6.0 | 0.11 | 0.05 | <5 | <0.1 | <0.02 | 7.2 | 1.11 | 0.1 |
| 2570538 | Drill Core | 0.156 | 4.0 | 24.4 | 0.73 | 125.5 | 0.137 | 1 | 1.21 | 0.178 | 0.20 | 0.2 | 4.6 | 0.10 | 0.12 | <5 | <0.1 | 0.03 | 4.3 | 0.51 | 0.2 |
| 2570539 | Drill Core | 0.128 | 3.7 | 38.2 | 1.51 | 209.1 | 0.250 | 3 | 2.66 | 0.142 | 0.29 | 0.3 | 6.4 | 0.12 | 0.09 | <5 | 0.1 | 0.03 | 8.4 | 1.24 | 0.3 |
| 2570540 | Rock | 0.003 | <0.5 | <0.5 | 1.25 | 6.5 | <0.001 | <1 | 0.03 | 0.002 | <0.01 | <0.1 | 1.5 | <0.02 | 0.14 | <5 | <0.1 | 0.22 | <0.1 | <0.02 | <0.1 |
| 2570541 | Drill Core | 0.121 | 3.4 | 43.0 | 1.42 | 442.7 | 0.222 | 1 | 2.48 | 0.236 | 0.67 | 0.1 | 5.6 | 0.19 | 0.10 | <5 | <0.1 | 0.03 | 6.6 | 1.31 | <0.1 |
| 2570542 | Drill Core | 0.132 | 2.6 | 37.8 | 1.25 | 240.6 | 0.209 | 2 | 2.09 | 0.154 | 0.34 | 0.1 | 4.4 | 0.09 | 0.09 | 13 | <0.1 | <0.02 | 5.9 | 0.78 | <0.1 |
| 2570543 | Drill Core | 0.136 | 2.5 | 39.9 | 1.30 | 220.0 | 0.177 | 2 | 1.98 | 0.153 | 0.29 | 0.1 | 4.5 | 0.06 | 0.05 | <5 | <0.1 | 0.03 | 5.9 | 0.51 | <0.1 |
| 2570544 | Drill Core | 0.124 | 2.6 | 37.2 | 1.23 | 411.0 | 0.197 | <1 | 2.09 | 0.190 | 0.59 | 0.1 | 4.0 | 0.15 | 0.07 | 8 | 0.1 | 0.02 | 6.1 | 0.96 | <0.1 |
| 2570545 | Core DUP | 0.123 | 2.6 | 36.9 | 1.23 | 396.8 | 0.189 | <1 | 2.08 | 0.189 | 0.58 | 0.1 | 4.2 | 0.14 | 0.07 | 7 | <0.1 | <0.02 | 5.9 | 0.88 | 0.2 |
| 2570546 | Drill Core | 0.135 | 2.6 | 41.5 | 1.45 | 261.0 | 0.196 | 1 | 2.09 | 0.162 | 0.41 | 0.4 | 5.7 | 0.11 | 0.22 | 7 | <0.1 | <0.02 | 6.2 | 0.67 | 0.1 |
| 2570547 | Drill Core | 0.141 | 2.9 | 44.3 | 1.53 | 136.0 | 0.260 | 4 | 2.86 | 0.085 | 0.20 | 0.4 | 5.8 | 0.07 | 0.15 | <5 | <0.1 | <0.02 | 8.6 | 1.00 | 0.1 |
| 2570548 | Drill Core | 0.121 | 2.4 | 40.2 | 1.40 | 150.4 | 0.193 | 3 | 2.01 | 0.135 | 0.26 | 0.2 | 5.6 | 0.06 | 0.11 | 14 | <0.1 | <0.02 | 6.0 | 0.64 | 0.1 |
| 2570549 | Drill Core | 0.130 | 2.7 | 39.2 | 1.36 | 242.9 | 0.237 | 2 | 2.23 | 0.151 | 0.41 | 0.2 | 5.2 | 0.10 | 0.07 | <5 | 0.1 | <0.02 | 7.3 | 1.16 | 0.1 |
| 2570550 | Rock Pulp | 0.050 | 23.2 | 66.7 | 0.64 | 55.7 | 0.043 | <1 | 1.27 | 0.033 | 0.54 | 3.4 | 4.8 | 0.40 | 1.94 | 66 | 2.8 | 0.30 | 3.6 | 2.13 | 0.1 |
| 2570551 | Drill Core | 0.120 | 2.9 | 40.4 | 1.43 | 354.3 | 0.231 | 2 | 2.17 | 0.175 | 0.56 | 0.1 | 6.0 | 0.11 | 0.04 | 10 | <0.1 | <0.02 | 6.5 | 1.24 | 0.1 |
| 2570552 | Drill Core | 0.142 | 2.8 | 41.8 | 1.54 | 182.3 | 0.202 | 1 | 1.98 | 0.142 | 0.24 | 0.1 | 6.1 | 0.07 | 0.05 | 6 | <0.1 | <0.02 | 6.7 | 0.72 | 0.1 |
| 2570553 | Drill Core | 0.126 | 3.2 | 56.8 | 2.16 | 92.0 | 0.221 | 2 | 2.43 | 0.131 | 0.17 | 0.2 | 11.4 | 0.05 | 0.11 | 13 | <0.1 | <0.02 | 8.2 | 0.98 | 0.2 |
| 2570554 | Drill Core | 0.145 | 4.3 | 32.9 | 1.74 | 194.0 | 0.235 | 2 | 2.20 | 0.097 | 0.44 | 0.2 | 7.7 | 0.12 | 0.07 | 6 | <0.1 | <0.02 | 8.0 | 1.55 | 0.2 |
| 2570555 | Drill Core | 0.149 | 4.3 | 29.8 | 1.41 | 214.0 | 0.238 | 2 | 2.03 | 0.122 | 0.45 | 0.1 | 5.3 | 0.10 | <0.02 | <5 | <0.1 | <0.02 | 6.9 | 1.28 | 0.2 |
| 2570556 | Drill Core | 0.142 | 3.5 | 30.9 | 1.20 | 349.0 | 0.210 | 1 | 1.63 | 0.131 | 0.65 | <0.1 | 5.5 | 0.12 | 0.02 | <5 | <0.1 | <0.02 | 5.6 | 1.13 | 0.2 |
| 2570557 | Drill Core | 0.143 | 3.9 | 27.6 | 1.29 | 280.5 | 0.231 | <1 | 1.85 | 0.134 | 0.78 | <0.1 | 5.5 | 0.14 | <0.02 | <5 | <0.1 | <0.02 | 6.4 | 1.07 | 0.2 |
| 2570558 | Drill Core | 0.134 | 3.5 | 26.6 | 1.26 | 338.3 | 0.204 | <1 | 1.77 | 0.123 | 0.86 | <0.1 | 4.6 | 0.15 | <0.02 | <5 | 0.3 | <0.02 | 5.7 | 0.97 | 0.1 |
| 2570559 | Drill Core | 0.147 | 3.4 | 24.1 | 1.29 | 291.7 | 0.213 | 1 | 1.81 | 0.122 | 0.64 | <0.1 | 4.6 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 5.8 | 0.81 | 0.1 |
| 2570560 | Drill Core | 0.145 | 3.6 | 23.1 | 1.18 | 358.3 | 0.237 | <1 | 1.76 | 0.138 | 0.98 | <0.1 | 4.9 | 0.14 | 0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.79 | 0.1 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570531 | Drill Core | 0.03 | 0.11 | 28.9 | 0.3 | <0.05 | 0.8 | 7.31 | 8.1 | <0.02 | <1 | 0.3 | 17.0 | 14 | <2 |
| 2570532 | Drill Core | 0.06 | 0.09 | 23.5 | 0.4 | <0.05 | 2.3 | 7.34 | 8.0 | <0.02 | 2 | 0.2 | 15.6 | <10 | <2 |
| 2570533 | Drill Core | 0.12 | 0.08 | 22.6 | 0.3 | <0.05 | 2.0 | 6.93 | 7.2 | <0.02 | <1 | 0.2 | 12.8 | 12 | 2 |
| 2570534 | Drill Core | 0.08 | 0.09 | 21.6 | 1.5 | <0.05 | 1.6 | 6.59 | 8.1 | <0.02 | <1 | 0.1 | 16.9 | <10 | <2 |
| 2570535 | Drill Core | 0.07 | 0.08 | 16.7 | 1.1 | <0.05 | 1.4 | 6.26 | 8.1 | <0.02 | 2 | 0.2 | 16.4 | <10 | <2 |
| 2570536 | Drill Core | 0.08 | 0.11 | 16.6 | 0.3 | <0.05 | 1.5 | 6.43 | 7.8 | <0.02 | <1 | <0.1 | 17.8 | <10 | 2 |
| 2570537 | Drill Core | 0.08 | 0.07 | 15.3 | 0.4 | <0.05 | 1.5 | 6.92 | 8.1 | <0.02 | <1 | 0.2 | 18.3 | <10 | <2 |
| 2570538 | Drill Core | 0.14 | 0.08 | 6.7 | 0.4 | <0.05 | 2.8 | 8.11 | 8.9 | <0.02 | 1 | 0.2 | 7.2 | <10 | <2 |
| 2570539 | Drill Core | 0.12 | 0.06 | 8.8 | 0.3 | <0.05 | 2.1 | 8.25 | 8.4 | <0.02 | 1 | 0.4 | 19.4 | <10 | <2 |
| 2570540 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | 0.72 | 0.2 | <0.02 | 2 | <0.1 | 0.2 | <10 | <2 |
| 2570541 | Drill Core | 0.09 | 0.09 | 19.7 | 0.3 | <0.05 | 1.7 | 6.72 | 7.2 | <0.02 | <1 | 0.2 | 18.3 | <10 | <2 |
| 2570542 | Drill Core | 0.09 | 0.07 | 9.8 | 0.3 | <0.05 | 2.0 | 6.25 | 5.8 | <0.02 | <1 | 0.2 | 18.2 | <10 | 3 |
| 2570543 | Drill Core | 0.10 | 0.07 | 7.7 | 0.3 | <0.05 | 3.6 | 5.64 | 5.6 | <0.02 | <1 | <0.1 | 17.9 | <10 | <2 |
| 2570544 | Drill Core | 0.05 | 0.05 | 15.3 | 0.2 | <0.05 | 1.3 | 5.34 | 6.2 | <0.02 | 1 | 0.3 | 15.8 | <10 | <2 |
| 2570545 | Core DUP | 0.08 | 0.07 | 15.2 | 0.2 | <0.05 | 1.3 | 5.51 | 5.7 | <0.02 | 2 | 0.2 | 14.9 | <10 | <2 |
| 2570546 | Drill Core | 0.14 | 0.09 | 11.2 | 0.2 | <0.05 | 2.4 | 6.73 | 6.0 | 0.02 | <1 | 0.1 | 17.3 | <10 | <2 |
| 2570547 | Drill Core | 0.12 | 0.06 | 6.0 | 0.4 | <0.05 | 2.0 | 7.52 | 6.7 | <0.02 | 2 | 0.4 | 17.6 | <10 | 2 |
| 2570548 | Drill Core | 0.12 | 0.12 | 7.0 | 0.2 | <0.05 | 3.0 | 6.57 | 6.2 | <0.02 | 3 | <0.1 | 20.1 | <10 | <2 |
| 2570549 | Drill Core | 0.14 | 0.08 | 11.5 | 0.2 | <0.05 | 2.0 | 6.88 | 6.5 | 0.03 | <1 | 0.3 | 15.9 | <10 | <2 |
| 2570550 | Rock Pulp | 0.10 | 0.05 | 35.2 | 1.3 | <0.05 | 3.6 | 8.79 | 38.8 | 0.08 | 42 | 0.7 | 5.5 | <10 | <2 |
| 2570551 | Drill Core | 0.09 | 0.13 | 14.7 | 0.3 | <0.05 | 2.3 | 6.59 | 6.6 | <0.02 | <1 | 0.2 | 14.5 | <10 | <2 |
| 2570552 | Drill Core | 0.13 | 0.08 | 6.8 | 0.2 | <0.05 | 2.4 | 7.27 | 6.6 | 0.02 | <1 | 0.2 | 14.4 | <10 | <2 |
| 2570553 | Drill Core | 0.13 | 0.14 | 5.6 | 0.4 | <0.05 | 2.6 | 8.98 | 7.6 | 0.03 | <1 | 0.3 | 20.4 | <10 | <2 |
| 2570554 | Drill Core | 0.12 | 0.07 | 13.9 | 0.4 | <0.05 | 2.2 | 9.14 | 9.3 | <0.02 | <1 | 0.2 | 14.3 | <10 | 3 |
| 2570555 | Drill Core | 0.10 | 0.08 | 12.9 | 0.3 | <0.05 | 2.1 | 7.75 | 8.9 | <0.02 | <1 | 0.2 | 13.6 | <10 | <2 |
| 2570556 | Drill Core | 0.06 | 0.08 | 17.6 | 0.3 | <0.05 | 1.6 | 6.77 | 7.8 | <0.02 | <1 | 0.3 | 12.4 | <10 | <2 |
| 2570557 | Drill Core | 0.07 | 0.07 | 21.5 | 0.3 | <0.05 | 1.5 | 7.32 | 7.9 | <0.02 | <1 | <0.1 | 13.3 | <10 | <2 |
| 2570558 | Drill Core | 0.04 | 0.04 | 22.5 | 0.3 | <0.05 | 0.7 | 6.52 | 7.4 | <0.02 | <1 | <0.1 | 13.4 | <10 | <2 |
| 2570559 | Drill Core | 0.09 | 0.05 | 16.0 | 0.3 | <0.05 | 1.4 | 6.51 | 7.1 | <0.02 | <1 | 0.1 | 11.4 | <10 | <2 |
| 2570560 | Drill Core | 0.05 | 0.07 | 23.4 | 0.2 | <0.05 | 1.3 | 6.42 | 7.6 | <0.02 | <1 | 0.1 | 11.1 | <10 | 5 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570561 | Drill Core | 5.31 | 0.73 | 75.30 | 1.30 | 52.3 | 64 | 13.3 | 17.7 | 529 | 3.55 | 0.2 | 0.2 | <0.2 | 0.8 | 52.2 | 0.14 | 0.05 | <0.02 | 122 | 1.46 |
| 2570562 | Drill Core | 5.36 | 0.36 | 81.68 | 2.50 | 68.8 | 64 | 12.1 | 16.7 | 451 | 3.45 | 0.3 | 0.2 | 0.7 | 0.8 | 38.2 | 0.21 | 0.07 | <0.02 | 119 | 1.11 |
| 2570563 | Drill Core | 4.94 | 0.45 | 77.41 | 1.66 | 51.1 | 57 | 12.4 | 16.8 | 457 | 3.38 | 0.1 | 0.2 | <0.2 | 0.8 | 67.5 | 0.09 | 0.11 | <0.02 | 115 | 1.36 |
| 2570564 | Drill Core | 2.60 | 1.42 | 82.40 | 2.14 | 53.3 | 73 | 12.7 | 16.4 | 433 | 3.26 | 0.2 | 0.2 | <0.2 | 0.8 | 33.8 | 0.10 | 0.06 | <0.02 | 106 | 1.17 |
| 2570565 | Drill Core | 2.70 | 1.03 | 71.53 | 1.14 | 44.1 | 60 | 11.4 | 14.5 | 383 | 3.06 | 0.4 | 0.2 | <0.2 | 0.8 | 35.7 | 0.07 | 0.04 | <0.02 | 102 | 1.15 |
| 2570566 | Drill Core | 5.58 | 1.05 | 84.57 | 1.57 | 57.4 | 71 | 12.6 | 18.1 | 457 | 3.56 | 0.3 | 0.2 | <0.2 | 0.8 | 41.0 | 0.12 | 0.06 | <0.02 | 111 | 1.10 |
| 2570567 | Drill Core | 5.82 | 0.56 | 85.97 | 1.20 | 48.1 | 60 | 12.9 | 16.2 | 437 | 3.26 | 0.4 | 0.2 | <0.2 | 0.8 | 39.8 | 0.08 | 0.05 | <0.02 | 107 | 1.34 |
| 2570568 | Drill Core | 5.56 | 3.38 | 83.33 | 1.33 | 51.6 | 66 | 12.1 | 16.8 | 434 | 3.46 | 0.6 | 0.2 | 0.4 | 0.8 | 46.5 | 0.09 | 0.06 | <0.02 | 112 | 1.23 |
| 2570569 | Drill Core | 5.25 | 1.44 | 80.74 | 1.44 | 43.6 | 70 | 11.7 | 15.9 | 414 | 3.03 | 0.4 | 0.2 | 0.4 | 0.8 | 42.4 | 0.16 | 0.09 | 0.05 | 112 | 1.24 |
| 2570570 | Drill Core | 2.95 | 0.90 | 85.80 | 1.99 | 55.5 | 75 | 14.9 | 20.4 | 565 | 3.79 | 1.7 | 0.3 | <0.2 | 0.9 | 45.8 | 0.10 | 0.30 | 0.02 | 124 | 1.45 |
| 2570571 | Drill Core | 2.69 | 0.99 | 81.84 | 2.74 | 63.8 | 80 | 15.5 | 21.5 | 659 | 3.93 | 6.8 | 0.3 | 0.7 | 0.9 | 63.2 | 0.12 | 0.35 | <0.02 | 125 | 1.94 |
| 2570572 | Drill Core | 5.85 | 0.72 | 79.81 | 1.57 | 49.8 | 53 | 12.4 | 16.5 | 503 | 3.29 | 0.6 | 0.2 | 0.6 | 0.8 | 44.5 | 0.11 | 0.07 | <0.02 | 117 | 1.30 |
| 2570573 | Drill Core | 4.65 | 0.82 | 81.74 | 1.40 | 54.1 | 66 | 13.4 | 17.8 | 502 | 3.39 | 0.8 | 0.3 | 0.5 | 0.9 | 75.2 | 0.08 | 0.08 | <0.02 | 121 | 1.30 |
| 2570574 | Drill Core | 4.97 | 0.68 | 75.88 | 2.00 | 43.7 | 51 | 11.6 | 15.6 | 499 | 3.10 | 0.5 | 0.3 | 0.2 | 0.8 | 55.3 | 0.10 | 0.18 | <0.02 | 112 | 1.51 |
| 2570575 | Drill Core | 5.62 | 0.38 | 78.37 | 1.14 | 45.8 | 53 | 11.8 | 15.6 | 455 | 3.05 | 0.5 | 0.2 | 0.6 | 0.8 | 45.6 | 0.09 | 0.06 | <0.02 | 119 | 1.29 |
| 2570576 | Drill Core | 5.17 | 0.72 | 79.16 | 2.32 | 45.1 | 53 | 11.7 | 15.5 | 495 | 3.17 | 0.5 | 0.3 | <0.2 | 0.9 | 59.4 | 0.09 | 0.10 | <0.02 | 122 | 1.41 |
| 2570577 | Drill Core | 5.15 | 0.54 | 82.75 | 3.20 | 47.5 | 50 | 13.9 | 18.2 | 523 | 3.37 | 0.9 | 0.3 | 0.4 | 0.8 | 50.0 | 0.09 | 0.07 | <0.02 | 122 | 1.22 |
| 2570578 | Drill Core | 5.52 | 0.50 | 79.48 | 1.16 | 53.5 | 62 | 13.3 | 17.0 | 539 | 3.45 | 0.6 | 0.3 | 0.5 | 0.9 | 56.3 | 0.13 | 0.07 | 0.07 | 139 | 1.26 |
| 2570579 | Drill Core | 5.26 | 0.54 | 82.13 | 1.88 | 51.0 | 65 | 12.8 | 17.1 | 538 | 3.43 | 0.6 | 0.3 | 0.9 | 0.8 | 61.3 | 0.12 | 0.06 | 0.02 | 137 | 1.40 |
| 2570580 | Rock | 1.08 | 0.03 | 0.32 | 0.23 | 1.0 | 8 | 1.8 | 0.2 | 17 | 0.03 | 0.2 | 1.6 | <0.2 | <0.1 | >2000 | 0.02 | <0.02 | <0.02 | <2 | 32.47 |
| 2570581 | Drill Core | 2.73 | 0.40 | 79.35 | 1.15 | 55.5 | 56 | 14.9 | 18.9 | 565 | 3.59 | 0.5 | 0.2 | <0.2 | 0.9 | 47.8 | 0.11 | 0.09 | <0.02 | 137 | 1.29 |
| 2570582 | Drill Core | 2.87 | 0.75 | 77.09 | 1.50 | 64.8 | 65 | 16.8 | 23.2 | 689 | 4.13 | 1.6 | 0.3 | 0.9 | 0.9 | 51.3 | 0.10 | 0.25 | <0.02 | 147 | 1.70 |
| 2570583 | Drill Core | 4.83 | 0.37 | 71.87 | 1.48 | 47.7 | 59 | 13.5 | 16.4 | 554 | 3.29 | 0.5 | 0.3 | 0.4 | 1.0 | 60.5 | 0.11 | 0.13 | <0.02 | 126 | 1.76 |
| 2570584 | Drill Core | 3.80 | 0.33 | 80.64 | 1.13 | 51.4 | 65 | 13.2 | 17.8 | 529 | 3.46 | 0.4 | 0.3 | <0.2 | 1.0 | 56.0 | 0.11 | 0.08 | <0.02 | 127 | 1.46 |
| 2570585 | Core DUP | | 0.36 | 83.97 | 1.16 | 48.8 | 70 | 13.9 | 17.8 | 508 | 3.47 | 0.5 | 0.3 | <0.2 | 0.9 | 58.5 | 0.12 | 0.08 | <0.02 | 127 | 1.42 |
| 2570586 | Drill Core | 1.75 | 1.62 | 90.32 | 1.99 | 54.9 | 65 | 15.5 | 19.3 | 654 | 3.99 | 0.7 | 0.3 | 0.5 | 1.0 | 180.5 | 0.14 | 0.25 | <0.02 | 152 | 2.53 |
| 2570587 | Drill Core | 5.67 | 0.39 | 79.36 | 1.60 | 50.5 | 53 | 12.4 | 16.8 | 481 | 3.47 | 0.5 | 0.3 | 0.3 | 0.8 | 61.2 | 0.11 | 0.09 | <0.02 | 129 | 1.57 |
| 2570588 | Drill Core | 2.80 | 0.41 | 80.74 | 1.51 | 51.3 | 52 | 13.4 | 18.0 | 514 | 3.69 | 0.6 | 0.3 | 0.8 | 0.9 | 108.5 | 0.13 | 0.22 | <0.02 | 146 | 1.65 |
| 2570589 | Drill Core | 3.25 | 0.33 | 84.16 | 1.41 | 46.0 | 42 | 12.5 | 16.1 | 494 | 3.22 | 0.4 | 0.2 | <0.2 | 0.9 | 106.1 | 0.11 | 0.05 | <0.02 | 120 | 1.52 |
| 2570590 | Rock Pulp | 0.10 | 234.82 | 2649.58 | 49.80 | 287.2 | 3199 | 10.0 | 19.3 | 215 | 3.33 | 25.0 | 6.0 | 255.8 | 12.0 | 47.7 | 2.40 | 6.17 | 4.08 | 43 | 0.96 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570561 | Drill Core | 0.150 | 3.6 | 26.1 | 1.27 | 243.2 | 0.249 | 1 | 1.82 | 0.130 | 0.85 | <0.1 | 5.3 | 0.15 | <0.02 | <5 | <0.1 | <0.02 | 6.0 | 0.79 | 0.2 |
| 2570562 | Drill Core | 0.141 | 3.5 | 24.5 | 1.22 | 434.3 | 0.248 | <1 | 1.83 | 0.128 | 0.97 | <0.1 | 4.6 | 0.15 | <0.02 | 5 | <0.1 | <0.02 | 5.6 | 0.72 | 0.2 |
| 2570563 | Drill Core | 0.148 | 3.4 | 23.0 | 1.19 | 314.7 | 0.228 | 1 | 1.84 | 0.135 | 0.71 | <0.1 | 5.2 | 0.11 | <0.02 | <5 | 0.1 | 0.02 | 5.9 | 0.93 | 0.2 |
| 2570564 | Drill Core | 0.140 | 3.4 | 25.3 | 1.14 | 271.5 | 0.207 | 2 | 1.62 | 0.124 | 0.65 | <0.1 | 4.8 | 0.10 | <0.02 | <5 | 0.2 | <0.02 | 5.5 | 0.49 | <0.1 |
| 2570565 | Drill Core | 0.139 | 3.2 | 22.4 | 1.04 | 238.8 | 0.178 | 1 | 1.51 | 0.120 | 0.58 | <0.1 | 4.5 | 0.09 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.49 | 0.1 |
| 2570566 | Drill Core | 0.136 | 3.3 | 24.8 | 1.28 | 355.0 | 0.209 | <1 | 1.78 | 0.123 | 0.76 | <0.1 | 4.5 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 6.3 | 0.59 | <0.1 |
| 2570567 | Drill Core | 0.148 | 3.4 | 26.2 | 1.16 | 205.6 | 0.195 | <1 | 1.63 | 0.125 | 0.53 | <0.1 | 4.9 | 0.08 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.39 | 0.1 |
| 2570568 | Drill Core | 0.137 | 3.9 | 22.6 | 1.14 | 341.4 | 0.215 | <1 | 1.72 | 0.141 | 0.81 | <0.1 | 4.6 | 0.12 | 0.03 | <5 | <0.1 | <0.02 | 5.7 | 0.60 | 0.2 |
| 2570569 | Drill Core | 0.146 | 3.8 | 22.2 | 1.03 | 257.6 | 0.190 | <1 | 1.61 | 0.152 | 0.75 | <0.1 | 4.1 | 0.12 | 0.02 | 7 | <0.1 | <0.02 | 5.4 | 0.60 | 0.2 |
| 2570570 | Drill Core | 0.164 | 3.6 | 28.0 | 1.44 | 218.4 | 0.241 | 2 | 2.04 | 0.122 | 0.69 | <0.1 | 4.8 | 0.13 | 0.14 | 11 | <0.1 | <0.02 | 7.0 | 1.18 | 0.1 |
| 2570571 | Drill Core | 0.161 | 3.5 | 30.0 | 1.68 | 52.5 | 0.192 | 1 | 2.08 | 0.100 | 0.15 | 0.1 | 7.9 | 0.03 | 0.12 | 22 | <0.1 | <0.02 | 7.9 | 0.22 | 0.1 |
| 2570572 | Drill Core | 0.145 | 3.5 | 26.7 | 1.19 | 213.1 | 0.202 | <1 | 1.74 | 0.150 | 0.63 | <0.1 | 4.6 | 0.10 | 0.03 | 10 | <0.1 | <0.02 | 5.8 | 0.51 | 0.1 |
| 2570573 | Drill Core | 0.154 | 3.8 | 25.7 | 1.23 | 311.2 | 0.237 | <1 | 1.95 | 0.173 | 0.85 | <0.1 | 5.0 | 0.14 | 0.05 | <5 | <0.1 | <0.02 | 5.9 | 0.82 | 0.1 |
| 2570574 | Drill Core | 0.157 | 3.8 | 25.4 | 1.09 | 59.9 | 0.179 | 2 | 1.61 | 0.149 | 0.17 | <0.1 | 5.1 | 0.03 | 0.03 | 6 | <0.1 | <0.02 | 5.6 | 0.19 | 0.1 |
| 2570575 | Drill Core | 0.153 | 3.6 | 25.2 | 1.06 | 190.2 | 0.198 | 1 | 1.63 | 0.165 | 0.58 | <0.1 | 4.5 | 0.08 | 0.02 | 8 | <0.1 | <0.02 | 5.3 | 0.62 | 0.1 |
| 2570576 | Drill Core | 0.152 | 4.2 | 24.7 | 1.08 | 280.0 | 0.219 | <1 | 1.77 | 0.194 | 0.79 | <0.1 | 4.9 | 0.16 | 0.03 | 5 | <0.1 | <0.02 | 5.9 | 1.17 | 0.1 |
| 2570577 | Drill Core | 0.153 | 3.8 | 28.3 | 1.27 | 389.8 | 0.245 | <1 | 1.89 | 0.155 | 0.95 | <0.1 | 4.9 | 0.16 | 0.08 | <5 | <0.1 | <0.02 | 6.1 | 1.19 | 0.2 |
| 2570578 | Drill Core | 0.151 | 4.3 | 28.0 | 1.24 | 377.3 | 0.254 | <1 | 1.96 | 0.188 | 1.10 | <0.1 | 4.8 | 0.20 | 0.03 | <5 | <0.1 | <0.02 | 6.7 | 1.27 | 0.1 |
| 2570579 | Drill Core | 0.150 | 3.8 | 28.1 | 1.25 | 375.9 | 0.243 | <1 | 1.98 | 0.209 | 0.98 | <0.1 | 5.1 | 0.18 | 0.03 | <5 | <0.1 | <0.02 | 6.5 | 0.93 | 0.2 |
| 2570580 | Rock | 0.004 | <0.5 | <0.5 | 1.36 | 8.3 | <0.001 | <1 | 0.03 | 0.002 | <0.01 | <0.1 | 0.2 | 0.03 | 0.03 | <5 | <0.1 | 0.23 | <0.1 | <0.02 | <0.1 |
| 2570581 | Drill Core | 0.147 | 3.8 | 32.4 | 1.41 | 339.2 | 0.256 | <1 | 1.97 | 0.155 | 1.02 | <0.1 | 5.5 | 0.19 | 0.06 | <5 | <0.1 | <0.02 | 6.4 | 1.16 | 0.1 |
| 2570582 | Drill Core | 0.161 | 4.1 | 37.2 | 1.68 | 229.7 | 0.247 | <1 | 2.13 | 0.133 | 0.58 | <0.1 | 7.8 | 0.13 | 0.17 | 23 | <0.1 | <0.02 | 7.4 | 0.79 | 0.1 |
| 2570583 | Drill Core | 0.143 | 4.2 | 27.2 | 1.16 | 215.7 | 0.222 | 1 | 1.73 | 0.164 | 0.56 | <0.1 | 5.6 | 0.12 | 0.06 | 6 | <0.1 | <0.02 | 6.4 | 0.74 | 0.2 |
| 2570584 | Drill Core | 0.146 | 4.3 | 29.1 | 1.29 | 273.8 | 0.253 | <1 | 1.92 | 0.186 | 0.92 | <0.1 | 5.6 | 0.19 | 0.04 | 5 | <0.1 | <0.02 | 5.8 | 1.02 | 0.1 |
| 2570585 | Core DUP | 0.148 | 4.4 | 29.2 | 1.29 | 298.1 | 0.251 | <1 | 1.90 | 0.175 | 0.92 | <0.1 | 5.4 | 0.19 | 0.04 | <5 | <0.1 | <0.02 | 5.9 | 1.05 | 0.1 |
| 2570586 | Drill Core | 0.152 | 4.7 | 31.5 | 1.47 | 293.0 | 0.266 | <1 | 2.33 | 0.213 | 0.53 | <0.1 | 8.5 | 0.14 | 0.16 | <5 | <0.1 | <0.02 | 7.5 | 2.02 | 0.2 |
| 2570587 | Drill Core | 0.155 | 4.1 | 28.6 | 1.22 | 320.3 | 0.251 | <1 | 1.99 | 0.173 | 0.77 | <0.1 | 5.4 | 0.14 | 0.06 | 9 | <0.1 | <0.02 | 5.9 | 1.12 | 0.1 |
| 2570588 | Drill Core | 0.147 | 3.9 | 28.0 | 1.23 | 237.7 | 0.245 | <1 | 1.95 | 0.182 | 0.72 | <0.1 | 6.5 | 0.15 | 0.14 | 15 | <0.1 | <0.02 | 6.4 | 0.88 | 0.2 |
| 2570589 | Drill Core | 0.150 | 3.7 | 28.7 | 1.23 | 261.1 | 0.243 | <1 | 2.08 | 0.190 | 0.81 | <0.1 | 5.3 | 0.13 | 0.02 | <5 | <0.1 | <0.02 | 5.7 | 0.79 | 0.1 |
| 2570590 | Rock Pulp | 0.056 | 22.3 | 71.6 | 0.66 | 50.2 | 0.044 | 1 | 1.32 | 0.034 | 0.56 | 3.4 | 5.2 | 0.39 | 2.06 | 78 | 2.9 | 0.29 | 3.9 | 2.25 | <0.1 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570561 | Drill Core | 0.09 | 0.08 | 23.9 | 0.3 | <0.05 | 1.5 | 7.01 | 7.7 | 0.02 | <1 | <0.1 | 12.2 | <10 | <2 |
| 2570562 | Drill Core | 0.05 | 0.04 | 22.9 | 0.3 | <0.05 | 1.1 | 6.17 | 7.2 | <0.02 | <1 | <0.1 | 13.0 | <10 | <2 |
| 2570563 | Drill Core | 0.19 | 0.07 | 17.1 | 0.3 | <0.05 | 1.9 | 6.77 | 7.4 | <0.02 | <1 | 0.2 | 10.3 | <10 | <2 |
| 2570564 | Drill Core | 0.08 | 0.05 | 15.6 | 0.3 | <0.05 | 1.4 | 6.55 | 7.2 | <0.02 | <1 | 0.1 | 11.4 | <10 | <2 |
| 2570565 | Drill Core | 0.06 | 0.05 | 13.9 | 0.2 | <0.05 | 1.8 | 6.21 | 6.8 | <0.02 | <1 | 0.1 | 10.0 | <10 | 4 |
| 2570566 | Drill Core | 0.05 | 0.05 | 17.8 | 0.3 | <0.05 | 1.1 | 6.29 | 7.2 | 0.02 | 1 | <0.1 | 12.3 | <10 | <2 |
| 2570567 | Drill Core | 0.15 | 0.06 | 12.4 | 0.2 | <0.05 | 1.7 | 6.36 | 7.0 | <0.02 | <1 | 0.1 | 11.4 | <10 | <2 |
| 2570568 | Drill Core | 0.06 | 0.04 | 19.8 | 0.3 | <0.05 | 1.2 | 6.53 | 8.0 | <0.02 | <1 | <0.1 | 11.3 | <10 | 3 |
| 2570569 | Drill Core | 0.06 | 0.04 | 19.6 | 0.3 | <0.05 | 1.2 | 6.47 | 7.7 | 0.02 | <1 | 0.1 | 10.8 | <10 | <2 |
| 2570570 | Drill Core | 0.10 | 0.05 | 20.0 | 0.3 | <0.05 | 1.9 | 7.43 | 7.6 | <0.02 | 1 | 0.3 | 14.7 | <10 | <2 |
| 2570571 | Drill Core | 0.15 | 0.06 | 3.6 | 0.4 | <0.05 | 2.9 | 8.02 | 7.8 | 0.02 | <1 | 0.4 | 18.4 | <10 | <2 |
| 2570572 | Drill Core | 0.06 | 0.04 | 16.8 | 0.3 | <0.05 | 1.5 | 6.62 | 7.7 | <0.02 | <1 | 0.1 | 12.3 | <10 | <2 |
| 2570573 | Drill Core | 0.07 | 0.05 | 23.2 | 0.3 | <0.05 | 1.5 | 7.19 | 7.9 | <0.02 | <1 | <0.1 | 13.0 | <10 | <2 |
| 2570574 | Drill Core | 0.11 | 0.07 | 4.0 | 0.3 | <0.05 | 2.6 | 7.37 | 8.0 | 0.02 | <1 | 0.2 | 10.4 | <10 | <2 |
| 2570575 | Drill Core | 0.06 | 0.04 | 15.3 | 0.2 | <0.05 | 1.6 | 6.10 | 7.5 | <0.02 | <1 | 0.2 | 11.2 | <10 | <2 |
| 2570576 | Drill Core | 0.07 | 0.05 | 24.9 | 2.2 | <0.05 | 1.6 | 7.21 | 8.6 | <0.02 | <1 | 0.3 | 11.1 | <10 | 3 |
| 2570577 | Drill Core | 0.06 | 0.05 | 26.9 | 3.6 | <0.05 | 1.2 | 6.69 | 8.0 | <0.02 | 1 | 0.2 | 13.1 | <10 | <2 |
| 2570578 | Drill Core | 0.06 | 0.04 | 32.2 | 0.3 | <0.05 | 1.2 | 6.85 | 8.6 | 0.02 | <1 | 0.2 | 14.7 | <10 | 2 |
| 2570579 | Drill Core | 0.08 | 0.04 | 26.1 | 0.3 | <0.05 | 1.4 | 6.41 | 7.7 | <0.02 | <1 | 0.2 | 13.2 | <10 | 2 |
| 2570580 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.20 | 0.2 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |
| 2570581 | Drill Core | 0.18 | 0.05 | 29.8 | 0.3 | <0.05 | 1.3 | 6.82 | 8.1 | <0.02 | <1 | <0.1 | 14.2 | <10 | <2 |
| 2570582 | Drill Core | 0.10 | 0.06 | 18.2 | 0.4 | <0.05 | 1.9 | 7.96 | 9.0 | 0.02 | 1 | 0.3 | 17.0 | <10 | <2 |
| 2570583 | Drill Core | 0.09 | 0.04 | 17.4 | 0.4 | <0.05 | 2.3 | 7.76 | 8.6 | <0.02 | 1 | 0.4 | 10.3 | <10 | <2 |
| 2570584 | Drill Core | 0.08 | 0.05 | 28.9 | 0.3 | <0.05 | 1.7 | 7.42 | 8.7 | <0.02 | <1 | 0.2 | 12.1 | <10 | <2 |
| 2570585 | Core DUP | 0.09 | 0.04 | 30.2 | 0.3 | <0.05 | 1.8 | 7.12 | 8.8 | <0.02 | <1 | 0.2 | 12.8 | <10 | 2 |
| 2570586 | Drill Core | 0.14 | 0.05 | 16.4 | 0.4 | <0.05 | 2.9 | 8.82 | 10.0 | 0.03 | 1 | 0.3 | 15.7 | <10 | 2 |
| 2570587 | Drill Core | 0.10 | 0.05 | 22.7 | 0.3 | <0.05 | 1.8 | 7.12 | 8.2 | <0.02 | <1 | 0.1 | 13.6 | <10 | <2 |
| 2570588 | Drill Core | 0.13 | 0.04 | 22.0 | 0.4 | <0.05 | 2.3 | 7.66 | 8.6 | <0.02 | <1 | 0.2 | 14.1 | <10 | <2 |
| 2570589 | Drill Core | 0.08 | 0.04 | 22.9 | 0.3 | <0.05 | 1.6 | 6.43 | 7.8 | <0.02 | <1 | <0.1 | 13.6 | <10 | <2 |
| 2570590 | Rock Pulp | 0.10 | 0.06 | 38.0 | 1.4 | <0.05 | 3.7 | 9.00 | 38.6 | 0.09 | 46 | 0.6 | 5.6 | <10 | <2 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570591 | Drill Core | 5.38 | 0.31 | 81.27 | 1.76 | 54.5 | 57 | 14.9 | 18.7 | 546 | 3.73 | 0.3 | 0.3 | <0.2 | 1.0 | 96.7 | 0.11 | 0.10 | 0.03 | 139 | 2.04 |
| 2570592 | Drill Core | 2.38 | 0.93 | 88.72 | 2.35 | 53.3 | 54 | 14.5 | 18.0 | 575 | 3.44 | 0.6 | 0.3 | 0.4 | 0.9 | 114.4 | 0.12 | 0.18 | <0.02 | 122 | 2.43 |
| 2570593 | Drill Core | 5.74 | 0.64 | 83.10 | 1.59 | 55.3 | 55 | 14.9 | 19.2 | 534 | 3.79 | 0.5 | 0.3 | 0.5 | 1.0 | 88.5 | 0.11 | 0.06 | <0.02 | 135 | 1.53 |
| 2570594 | Drill Core | 2.35 | 1.27 | 80.37 | 2.00 | 56.3 | 74 | 15.4 | 18.8 | 623 | 3.81 | 0.8 | 0.3 | 0.5 | 1.0 | 155.6 | 0.11 | 0.11 | <0.02 | 142 | 2.42 |
| 2570595 | Drill Core | 4.43 | 1.20 | 82.69 | 1.71 | 53.5 | 79 | 17.2 | 21.5 | 498 | 3.74 | 0.9 | 0.4 | 0.8 | 1.0 | 80.8 | 0.09 | 0.15 | <0.02 | 137 | 1.59 |
| 2570596 | Drill Core | 7.26 | 2.89 | 38.69 | 1.71 | 36.2 | 53 | 29.6 | 15.2 | 364 | 2.55 | 0.5 | 0.3 | 0.4 | 1.1 | 98.2 | 0.05 | 0.09 | <0.02 | 92 | 1.61 |
| 2570597 | Drill Core | 4.31 | 0.82 | 84.86 | 2.06 | 68.3 | 69 | 19.4 | 22.7 | 491 | 4.16 | 0.7 | 0.3 | 1.5 | 1.0 | 91.7 | 0.11 | 0.09 | <0.02 | 149 | 1.44 |
| 2570598 | Drill Core | 3.00 | 0.61 | 69.96 | 1.68 | 51.1 | 64 | 16.2 | 19.3 | 536 | 3.57 | 1.1 | 0.3 | 0.5 | 0.8 | 61.4 | 0.07 | 0.22 | 0.03 | 119 | 1.72 |
| 2570599 | Drill Core | 5.42 | 1.35 | 78.43 | 1.40 | 62.3 | 58 | 14.0 | 20.3 | 516 | 4.09 | 0.7 | 0.3 | 0.3 | 0.9 | 199.3 | 0.10 | 0.07 | <0.02 | 143 | 1.57 |
| 2570600 | Drill Core | 6.06 | 0.68 | 88.34 | 1.79 | 56.8 | 57 | 16.0 | 19.4 | 458 | 3.61 | 0.5 | 0.3 | 0.6 | 0.7 | 147.5 | 0.10 | 0.04 | <0.02 | 129 | 1.69 |
| 2570601 | Drill Core | 5.70 | 3.82 | 81.96 | 1.71 | 44.3 | 64 | 21.6 | 17.9 | 426 | 3.28 | 0.4 | 0.3 | 0.3 | 0.7 | 94.1 | 0.11 | 0.07 | <0.02 | 112 | 1.65 |
| 2570602 | Drill Core | 3.86 | 3.42 | 89.94 | 1.63 | 54.1 | 57 | 16.1 | 18.6 | 500 | 3.82 | 0.6 | 0.3 | <0.2 | 0.7 | 174.6 | 0.10 | 0.05 | <0.02 | 138 | 1.93 |
| 2570603 | Drill Core | 2.64 | 0.58 | 85.18 | 1.69 | 55.2 | 47 | 20.2 | 23.1 | 551 | 4.43 | 0.7 | 0.3 | <0.2 | 0.8 | 214.5 | 0.07 | 0.26 | <0.02 | 161 | 2.37 |
| 2570604 | Drill Core | 1.90 | 1.11 | 111.12 | 2.02 | 28.8 | 152 | 30.2 | 24.4 | 396 | 3.51 | 0.8 | 0.3 | 2.8 | 0.8 | 161.4 | 0.06 | 0.54 | 0.16 | 103 | 1.85 |
| 2570605 | Drill Core | 2.11 | 1.14 | 106.23 | 2.14 | 27.8 | 143 | 31.1 | 24.0 | 389 | 3.33 | 0.7 | 0.3 | 1.9 | 0.8 | 163.1 | 0.03 | 0.46 | 0.12 | 100 | 1.85 |
| 2570606 | Drill Core | 5.17 | 0.80 | 97.48 | 2.50 | 57.6 | 88 | 21.2 | 26.7 | 545 | 4.26 | 2.5 | 0.3 | 2.4 | 0.7 | 228.3 | 0.09 | 0.55 | 0.06 | 157 | 2.41 |
| 2570607 | Drill Core | 2.55 | 0.61 | 100.86 | 2.24 | 51.7 | 64 | 18.4 | 23.4 | 419 | 3.90 | 1.0 | 0.3 | 2.1 | 0.8 | 240.7 | 0.07 | 0.21 | 0.02 | 144 | 2.18 |
| 2570608 | Drill Core | 3.71 | 0.86 | 98.23 | 2.71 | 53.9 | 138 | 20.8 | 27.3 | 689 | 4.48 | 5.3 | 0.3 | 2.9 | 0.7 | 187.7 | 0.10 | 1.15 | 0.06 | 158 | 2.28 |
| 2570609 | Drill Core | 4.60 | 0.55 | 76.94 | 2.45 | 77.0 | 65 | 19.7 | 26.6 | 1217 | 5.62 | 5.4 | 0.2 | 1.0 | 0.8 | 340.5 | 0.17 | 0.31 | 0.02 | 217 | 4.76 |
| 2570610 | Drill Core | 3.99 | 0.59 | 93.94 | 1.64 | 72.9 | 69 | 17.1 | 25.8 | 786 | 5.01 | 1.6 | 0.3 | 1.2 | 0.8 | 160.3 | 0.13 | 0.20 | <0.02 | 189 | 2.12 |
| 2570611 | Drill Core | 5.01 | 0.63 | 93.07 | 2.13 | 75.1 | 80 | 17.8 | 26.8 | 821 | 5.19 | 5.9 | 0.3 | 1.7 | 0.8 | 190.8 | 0.16 | 0.38 | <0.02 | 208 | 2.03 |
| 2570612 | Drill Core | 1.58 | 0.39 | 95.40 | 2.09 | 64.0 | 72 | 17.6 | 23.1 | 1388 | 5.08 | 7.3 | 0.3 | 1.7 | 0.7 | 553.0 | 0.16 | 0.33 | 0.02 | 196 | 5.75 |
| 2570613 | Drill Core | 3.62 | 0.51 | 108.75 | 1.19 | 56.7 | 98 | 26.8 | 23.1 | 636 | 4.16 | 0.9 | 0.4 | 0.7 | 0.8 | 132.9 | 0.11 | 0.17 | <0.02 | 154 | 1.63 |
| 2570614 | Drill Core | 1.93 | 0.55 | 111.37 | 1.13 | 73.9 | 79 | 27.7 | 27.1 | 826 | 4.89 | 0.8 | 0.4 | 0.6 | 0.9 | 120.9 | 0.13 | 0.14 | <0.02 | 182 | 1.49 |
| 2570615 | Drill Core | 5.70 | 0.69 | 103.69 | 1.38 | 66.5 | 81 | 19.1 | 23.0 | 605 | 4.38 | 0.9 | 0.4 | 0.7 | 1.0 | 180.4 | 0.12 | 0.10 | <0.02 | 161 | 1.22 |
| 2570616 | Drill Core | 5.39 | 2.15 | 107.19 | 1.69 | 55.8 | 74 | 18.2 | 21.9 | 497 | 3.96 | 0.7 | 0.4 | 0.8 | 0.9 | 177.7 | 0.11 | 0.12 | <0.02 | 148 | 1.53 |
| 2570617 | Drill Core | 3.74 | 1.06 | 102.41 | 1.51 | 59.3 | 76 | 20.4 | 23.1 | 546 | 4.22 | 0.8 | 0.4 | 0.9 | 1.0 | 298.4 | 0.09 | 0.13 | <0.02 | 159 | 1.69 |
| 2570618 | Drill Core | 2.96 | 0.94 | 109.88 | 2.58 | 55.9 | 80 | 20.4 | 21.5 | 586 | 3.83 | 2.3 | 0.3 | 1.4 | 0.8 | 102.9 | 0.12 | 0.20 | <0.02 | 131 | 2.14 |
| 2570619 | Drill Core | 4.78 | 0.80 | 111.33 | 1.87 | 49.7 | 72 | 20.5 | 20.2 | 467 | 3.43 | 1.1 | 0.4 | 1.4 | 0.9 | 106.0 | 0.11 | 0.14 | <0.02 | 123 | 1.51 |
| 2570620 | Rock | 0.95 | 0.05 | 0.37 | 0.47 | 1.2 | <2 | 0.7 | 0.2 | 18 | 0.03 | <0.1 | 1.6 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 32.51 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570591 | Drill Core | 0.160 | 4.5 | 31.1 | 1.40 | 260.3 | 0.273 | <1 | 2.60 | 0.234 | 0.90 | <0.1 | 6.6 | 0.20 | 0.05 | 6 | <0.1 | <0.02 | 7.2 | 1.11 | 0.2 |
| 2570592 | Drill Core | 0.159 | 4.0 | 27.8 | 1.29 | 126.1 | 0.238 | <1 | 2.27 | 0.185 | 0.49 | <0.1 | 6.2 | 0.15 | 0.06 | 7 | <0.1 | <0.02 | 6.6 | 1.02 | 0.1 |
| 2570593 | Drill Core | 0.155 | 4.3 | 31.0 | 1.49 | 460.7 | 0.287 | <1 | 2.42 | 0.199 | 1.17 | <0.1 | 5.3 | 0.20 | 0.05 | 5 | <0.1 | <0.02 | 7.0 | 1.43 | 0.1 |
| 2570594 | Drill Core | 0.153 | 4.2 | 30.9 | 1.44 | 279.6 | 0.268 | <1 | 2.44 | 0.208 | 0.90 | <0.1 | 6.4 | 0.16 | 0.09 | 11 | <0.1 | <0.02 | 7.9 | 1.29 | 0.2 |
| 2570595 | Drill Core | 0.160 | 5.0 | 32.0 | 1.38 | 312.0 | 0.308 | <1 | 2.33 | 0.219 | 1.04 | <0.1 | 6.0 | 0.22 | 0.13 | <5 | 0.1 | <0.02 | 7.2 | 1.80 | 0.2 |
| 2570596 | Drill Core | 0.112 | 6.4 | 73.5 | 1.03 | 176.2 | 0.214 | <1 | 2.01 | 0.232 | 0.49 | 0.1 | 4.1 | 0.11 | 0.19 | <5 | 0.3 | 0.04 | 5.2 | 0.56 | <0.1 |
| 2570597 | Drill Core | 0.161 | 4.6 | 34.5 | 1.60 | 607.8 | 0.334 | <1 | 2.60 | 0.210 | 1.32 | 0.1 | 5.6 | 0.19 | 0.21 | 5 | 0.2 | 0.02 | 8.6 | 1.67 | 0.1 |
| 2570598 | Drill Core | 0.162 | 4.7 | 26.0 | 1.16 | 95.0 | 0.227 | <1 | 1.81 | 0.175 | 0.42 | <0.1 | 5.9 | 0.10 | 0.37 | 10 | 0.3 | 0.02 | 6.5 | 0.72 | 0.1 |
| 2570599 | Drill Core | 0.155 | 4.3 | 25.4 | 1.48 | 646.4 | 0.324 | <1 | 2.93 | 0.289 | 1.37 | <0.1 | 4.9 | 0.20 | 0.18 | <5 | 0.2 | <0.02 | 8.0 | 1.67 | 0.1 |
| 2570600 | Drill Core | 0.152 | 3.2 | 35.2 | 1.37 | 354.2 | 0.295 | <1 | 2.79 | 0.278 | 1.18 | <0.1 | 5.3 | 0.20 | 0.10 | <5 | 0.2 | <0.02 | 7.4 | 1.41 | 0.1 |
| 2570601 | Drill Core | 0.157 | 3.7 | 38.6 | 1.08 | 180.1 | 0.230 | <1 | 1.91 | 0.199 | 0.58 | <0.1 | 5.3 | 0.10 | 0.25 | <5 | 0.2 | 0.03 | 5.9 | 0.75 | <0.1 |
| 2570602 | Drill Core | 0.149 | 3.5 | 34.2 | 1.36 | 371.0 | 0.286 | <1 | 3.11 | 0.356 | 1.13 | <0.1 | 5.6 | 0.17 | 0.13 | <5 | <0.1 | <0.02 | 8.1 | 1.49 | 0.1 |
| 2570603 | Drill Core | 0.145 | 4.1 | 38.0 | 1.62 | 442.8 | 0.283 | <1 | 3.58 | 0.401 | 1.11 | <0.1 | 7.4 | 0.23 | 0.32 | 12 | 0.5 | <0.02 | 9.3 | 2.54 | 0.1 |
| 2570604 | Drill Core | 0.152 | 4.2 | 41.4 | 1.10 | 162.6 | 0.222 | 2 | 2.52 | 0.339 | 0.59 | 0.1 | 5.5 | 0.20 | 0.76 | 7 | 1.7 | 0.07 | 6.7 | 1.38 | <0.1 |
| 2570605 | Drill Core | 0.157 | 4.3 | 41.2 | 1.08 | 223.2 | 0.216 | <1 | 2.37 | 0.318 | 0.52 | 0.1 | 4.7 | 0.17 | 0.68 | 5 | 1.6 | 0.04 | 6.3 | 1.22 | <0.1 |
| 2570606 | Drill Core | 0.143 | 3.8 | 41.8 | 1.66 | 311.7 | 0.286 | 2 | 3.29 | 0.341 | 0.97 | <0.1 | 8.0 | 0.20 | 0.50 | 9 | 0.4 | 0.06 | 9.1 | 2.23 | <0.1 |
| 2570607 | Drill Core | 0.153 | 3.6 | 36.9 | 1.51 | 479.2 | 0.285 | <1 | 3.43 | 0.387 | 1.07 | <0.1 | 6.5 | 0.17 | 0.28 | 10 | 0.2 | 0.03 | 8.9 | 1.89 | 0.1 |
| 2570608 | Drill Core | 0.142 | 3.6 | 37.5 | 1.54 | 190.3 | 0.266 | <1 | 2.93 | 0.289 | 0.76 | 0.2 | 9.2 | 0.22 | 0.74 | 19 | 0.7 | 0.11 | 8.3 | 1.83 | 0.1 |
| 2570609 | Drill Core | 0.122 | 4.9 | 46.4 | 2.57 | 110.8 | 0.110 | 1 | 3.32 | 0.155 | 0.24 | <0.1 | 12.7 | 0.05 | 0.31 | 10 | 0.2 | 0.03 | 10.6 | 0.91 | 0.1 |
| 2570610 | Drill Core | 0.153 | 3.9 | 36.4 | 2.14 | 443.3 | 0.299 | <1 | 3.10 | 0.188 | 1.03 | <0.1 | 9.7 | 0.17 | 0.11 | 9 | <0.1 | <0.02 | 9.9 | 1.26 | 0.2 |
| 2570611 | Drill Core | 0.157 | 4.3 | 37.7 | 2.26 | 355.3 | 0.280 | 2 | 3.05 | 0.188 | 1.00 | <0.1 | 12.7 | 0.17 | 0.22 | 27 | 0.2 | <0.02 | 9.6 | 1.21 | 0.1 |
| 2570612 | Drill Core | 0.113 | 5.4 | 41.2 | 2.36 | 109.4 | 0.089 | <1 | 2.87 | 0.110 | 0.19 | <0.1 | 10.7 | 0.04 | 0.35 | 7 | 0.4 | 0.03 | 9.5 | 0.66 | 0.1 |
| 2570613 | Drill Core | 0.151 | 4.6 | 53.7 | 1.87 | 461.7 | 0.324 | <1 | 2.44 | 0.169 | 1.29 | <0.1 | 7.5 | 0.20 | 0.11 | <5 | <0.1 | <0.02 | 8.0 | 1.05 | 0.2 |
| 2570614 | Drill Core | 0.162 | 4.6 | 59.2 | 2.20 | 657.3 | 0.366 | 1 | 2.74 | 0.129 | 1.38 | <0.1 | 9.4 | 0.23 | 0.10 | 6 | 0.1 | <0.02 | 10.0 | 1.50 | 0.2 |
| 2570615 | Drill Core | 0.153 | 4.8 | 42.7 | 1.72 | 763.0 | 0.350 | 1 | 2.52 | 0.172 | 1.36 | <0.1 | 6.0 | 0.20 | 0.08 | 6 | 0.1 | <0.02 | 8.5 | 1.52 | 0.2 |
| 2570616 | Drill Core | 0.147 | 4.3 | 42.4 | 1.54 | 614.8 | 0.303 | 1 | 2.36 | 0.192 | 1.17 | <0.1 | 6.1 | 0.19 | 0.09 | 5 | <0.1 | <0.02 | 7.6 | 1.38 | 0.2 |
| 2570617 | Drill Core | 0.155 | 4.7 | 46.0 | 1.72 | 764.8 | 0.328 | 1 | 2.56 | 0.191 | 1.41 | <0.1 | 6.3 | 0.24 | 0.10 | 8 | 0.2 | <0.02 | 7.9 | 1.88 | 0.1 |
| 2570618 | Drill Core | 0.153 | 3.9 | 52.4 | 1.59 | 171.7 | 0.218 | 2 | 1.86 | 0.116 | 0.32 | 0.1 | 7.3 | 0.06 | 0.15 | 6 | 0.2 | <0.02 | 7.4 | 0.48 | <0.1 |
| 2570619 | Drill Core | 0.156 | 4.2 | 51.4 | 1.42 | 305.2 | 0.239 | 2 | 1.78 | 0.155 | 0.60 | <0.1 | 7.0 | 0.10 | 0.08 | <5 | 0.2 | <0.02 | 6.7 | 0.78 | 0.1 |
| 2570620 | Rock | 0.004 | <0.5 | 0.6 | 1.23 | 10.2 | <0.001 | <1 | 0.03 | 0.003 | <0.01 | <0.1 | 0.2 | <0.02 | 0.03 | <5 | <0.1 | 0.28 | <0.1 | <0.02 | <0.1 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570591 | Drill Core | 0.12 | 0.07 | 28.7 | 0.4 | <0.05 | 1.9 | 7.93 | 9.3 | <0.02 | <1 | 0.3 | 15.8 | <10 | <2 |
| 2570592 | Drill Core | 0.11 | 0.06 | 18.2 | 0.4 | <0.05 | 2.2 | 7.99 | 8.7 | 0.02 | 1 | 0.4 | 14.4 | <10 | <2 |
| 2570593 | Drill Core | 0.06 | 0.04 | 33.2 | 0.3 | <0.05 | 1.5 | 7.46 | 9.0 | <0.02 | 1 | 0.3 | 15.5 | <10 | <2 |
| 2570594 | Drill Core | 0.10 | 0.06 | 25.3 | 0.4 | <0.05 | 2.2 | 8.01 | 8.8 | 0.02 | <1 | 0.2 | 14.2 | <10 | <2 |
| 2570595 | Drill Core | 0.07 | 0.06 | 34.7 | 0.4 | <0.05 | 1.4 | 7.57 | 10.0 | 0.02 | <1 | 0.2 | 17.6 | <10 | 3 |
| 2570596 | Drill Core | 0.08 | 0.04 | 12.9 | 0.2 | <0.05 | 1.8 | 8.16 | 12.5 | <0.02 | <1 | 0.2 | 12.3 | <10 | <2 |
| 2570597 | Drill Core | 0.05 | 0.07 | 28.5 | 0.3 | <0.05 | 1.1 | 7.31 | 10.3 | <0.02 | 1 | 0.2 | 17.6 | <10 | <2 |
| 2570598 | Drill Core | 0.12 | 0.08 | 13.3 | 0.4 | <0.05 | 2.3 | 8.21 | 9.8 | 0.02 | 4 | 0.3 | 13.9 | <10 | <2 |
| 2570599 | Drill Core | 0.05 | 0.05 | 30.8 | 0.4 | <0.05 | 1.3 | 8.14 | 9.7 | <0.02 | 3 | 0.4 | 17.0 | <10 | <2 |
| 2570600 | Drill Core | 0.05 | 0.06 | 29.9 | 0.3 | <0.05 | 1.6 | 7.34 | 7.4 | <0.02 | 2 | 0.2 | 16.8 | <10 | <2 |
| 2570601 | Drill Core | 0.11 | 0.06 | 14.7 | 0.3 | <0.05 | 2.1 | 7.81 | 8.1 | <0.02 | <1 | 0.1 | 12.1 | <10 | 3 |
| 2570602 | Drill Core | 0.10 | 0.05 | 26.8 | 0.4 | <0.05 | 1.5 | 7.31 | 7.7 | <0.02 | 5 | 0.2 | 16.6 | <10 | 2 |
| 2570603 | Drill Core | 0.10 | 0.05 | 26.5 | 0.4 | <0.05 | 1.3 | 7.62 | 8.8 | 0.03 | 3 | 0.3 | 19.9 | <10 | <2 |
| 2570604 | Drill Core | 0.14 | 0.11 | 15.2 | 0.3 | <0.05 | 2.7 | 7.04 | 9.1 | 0.02 | 11 | 0.2 | 15.0 | <10 | 2 |
| 2570605 | Drill Core | 0.11 | 0.07 | 13.8 | 0.4 | <0.05 | 2.0 | 7.33 | 9.3 | <0.02 | 14 | 0.3 | 14.3 | <10 | 2 |
| 2570606 | Drill Core | 0.08 | 0.07 | 22.3 | 0.5 | <0.05 | 1.5 | 7.81 | 8.0 | 0.03 | 2 | 0.2 | 21.6 | <10 | 2 |
| 2570607 | Drill Core | 0.09 | 0.06 | 24.4 | 0.3 | <0.05 | 1.9 | 6.81 | 7.7 | 0.02 | 1 | 0.2 | 19.3 | <10 | <2 |
| 2570608 | Drill Core | 0.14 | 0.08 | 22.2 | 0.4 | <0.05 | 2.3 | 7.85 | 7.8 | 0.03 | 1 | 0.1 | 19.4 | <10 | 3 |
| 2570609 | Drill Core | 0.05 | 0.03 | 7.6 | 0.5 | <0.05 | 1.1 | 9.87 | 11.3 | 0.04 | <1 | 0.2 | 30.8 | <10 | <2 |
| 2570610 | Drill Core | 0.09 | 0.10 | 23.6 | 0.4 | <0.05 | 1.2 | 9.23 | 8.4 | 0.03 | <1 | 0.2 | 20.1 | <10 | 3 |
| 2570611 | Drill Core | 0.10 | 0.06 | 23.8 | 0.6 | <0.05 | 1.6 | 10.21 | 9.2 | 0.04 | <1 | 0.3 | 26.8 | <10 | 4 |
| 2570612 | Drill Core | 0.03 | 0.03 | 5.6 | 0.6 | <0.05 | 0.5 | 13.35 | 11.8 | 0.04 | <1 | 0.2 | 28.2 | <10 | 2 |
| 2570613 | Drill Core | 0.09 | 0.07 | 30.2 | 0.3 | <0.05 | 2.4 | 7.42 | 8.9 | 0.02 | <1 | <0.1 | 17.2 | <10 | 3 |
| 2570614 | Drill Core | 0.08 | 0.09 | 34.6 | 0.4 | <0.05 | 1.8 | 8.15 | 9.4 | 0.03 | <1 | 0.1 | 22.8 | <10 | 3 |
| 2570615 | Drill Core | 0.06 | 0.14 | 34.6 | 0.4 | <0.05 | 1.9 | 7.97 | 9.5 | <0.02 | <1 | 0.2 | 20.2 | <10 | <2 |
| 2570616 | Drill Core | 0.09 | 0.07 | 30.5 | 0.4 | <0.05 | 1.4 | 7.69 | 9.0 | <0.02 | 3 | 0.3 | 16.8 | <10 | <2 |
| 2570617 | Drill Core | 0.06 | 0.09 | 36.5 | 0.4 | <0.05 | 1.2 | 8.25 | 9.7 | <0.02 | 1 | 0.2 | 20.5 | <10 | 2 |
| 2570618 | Drill Core | 0.10 | 0.06 | 8.8 | 0.4 | <0.05 | 2.1 | 7.81 | 8.2 | 0.02 | 2 | <0.1 | 16.8 | <10 | 3 |
| 2570619 | Drill Core | 0.11 | 0.08 | 15.2 | 0.4 | <0.05 | 2.0 | 7.82 | 8.9 | <0.02 | <1 | 0.1 | 15.4 | <10 | <2 |
| 2570620 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.18 | 0.2 | <0.02 | <1 | <0.1 | 0.3 | <10 | <2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570621 | Drill Core | 4.88 | 0.87 | 97.45 | 1.73 | 51.1 | 78 | 19.5 | 20.1 | 506 | 3.77 | 1.6 | 0.4 | 1.2 | 1.0 | 100.2 | 0.11 | 0.18 | <0.02 | 140 | 1.80 |
| 2570622 | Drill Core | 5.31 | 0.69 | 97.77 | 2.17 | 52.3 | 69 | 17.5 | 19.6 | 588 | 3.84 | 1.7 | 0.4 | 1.5 | 0.9 | 118.2 | 0.12 | 0.21 | <0.02 | 144 | 2.09 |
| 2570623 | Drill Core | 5.01 | 0.68 | 105.80 | 2.26 | 51.4 | 85 | 19.1 | 19.4 | 640 | 3.62 | 1.1 | 0.4 | 2.2 | 0.9 | 190.7 | 0.12 | 0.12 | <0.02 | 130 | 1.94 |
| 2570624 | Drill Core | 2.51 | 1.47 | 110.25 | 1.63 | 56.7 | 83 | 21.3 | 21.5 | 497 | 4.05 | 1.1 | 0.5 | 1.6 | 1.1 | 76.5 | 0.10 | 0.15 | <0.02 | 151 | 1.28 |
| 2570625 | Core DUP | | 1.49 | 107.88 | 1.71 | 58.6 | 86 | 21.7 | 20.7 | 501 | 4.01 | 1.3 | 0.5 | 1.9 | 1.0 | 77.6 | 0.12 | 0.14 | <0.02 | 150 | 1.27 |
| 2570626 | Drill Core | 2.71 | 0.73 | 94.82 | 2.26 | 63.4 | 81 | 26.1 | 24.0 | 856 | 4.48 | 2.9 | 0.4 | 1.9 | 0.9 | 94.8 | 0.13 | 0.31 | <0.02 | 179 | 2.65 |
| 2570627 | Drill Core | 4.42 | 0.76 | 98.40 | 2.23 | 77.7 | 87 | 29.2 | 29.5 | 1066 | 5.50 | 3.7 | 0.5 | 1.9 | 1.1 | 132.9 | 0.14 | 0.33 | 0.03 | 221 | 3.03 |
| 2570628 | Drill Core | 4.01 | 0.69 | 91.45 | 2.99 | 79.9 | 93 | 30.5 | 30.7 | 1193 | 5.93 | 5.1 | 0.5 | 2.5 | 1.2 | 175.8 | 0.15 | 0.26 | 0.03 | 252 | 4.54 |
| 2570629 | Drill Core | 1.21 | 0.79 | 54.22 | 2.35 | 46.6 | 63 | 22.1 | 21.3 | 1437 | 4.10 | 5.0 | 0.3 | 1.0 | 0.8 | 230.1 | 0.16 | 0.26 | 0.02 | 167 | 6.67 |
| 2570630 | Rock Pulp | 0.08 | 246.29 | 4529.35 | 4.37 | 47.5 | 626 | 33.0 | 11.4 | 470 | 3.44 | 5.9 | 0.3 | 397.2 | 1.0 | 40.9 | 0.25 | 0.74 | 0.12 | 63 | 0.86 |
| 2570631 | Drill Core | 4.60 | 0.10 | 45.51 | 1.13 | 62.3 | 30 | 79.3 | 69.3 | 593 | 11.67 | 1.1 | 0.1 | 0.3 | 0.3 | 122.1 | 0.06 | 0.29 | <0.02 | 645 | 1.82 |
| 2570632 | Drill Core | 1.34 | 0.11 | 17.22 | 0.66 | 21.6 | 11 | 51.7 | 26.4 | 283 | 2.72 | 0.3 | 0.2 | <0.2 | 0.5 | 103.3 | 0.02 | 0.45 | <0.02 | 96 | 1.51 |
| 2570633 | Drill Core | 2.62 | 0.27 | 27.46 | 1.85 | 76.1 | 21 | 40.3 | 58.9 | 584 | 11.25 | 0.6 | 0.5 | 2.0 | 1.0 | 99.9 | 0.04 | 0.42 | <0.02 | 592 | 2.63 |
| 2570634 | Drill Core | 3.74 | 0.95 | 164.10 | 5.49 | 70.7 | 111 | 14.6 | 30.0 | 636 | 5.72 | 1.1 | 0.5 | 3.7 | 1.6 | 241.9 | 0.13 | 0.43 | 0.03 | 280 | 3.72 |
| 2570635 | Drill Core | 4.62 | 0.99 | 134.11 | 5.38 | 66.4 | 93 | 11.0 | 25.6 | 718 | 5.65 | 0.6 | 0.4 | 3.9 | 1.4 | 151.3 | 0.14 | 0.25 | 0.03 | 263 | 3.22 |
| 2570636 | Drill Core | 5.44 | 1.09 | 153.75 | 4.29 | 68.7 | 113 | 13.1 | 25.3 | 578 | 5.37 | 0.5 | 0.3 | 4.5 | 1.0 | 103.8 | 0.11 | 0.27 | <0.02 | 261 | 2.07 |
| 2570637 | Drill Core | 2.32 | 0.75 | 121.14 | 6.88 | 56.3 | 81 | 10.8 | 19.9 | 474 | 4.46 | 1.4 | 1.1 | 3.7 | 3.8 | 105.4 | 0.10 | 0.29 | 0.05 | 213 | 1.67 |
| 2570638 | Drill Core | 2.45 | 2.07 | 120.34 | 5.23 | 55.6 | 80 | 10.7 | 19.5 | 484 | 4.22 | 1.8 | 0.5 | 2.3 | 2.0 | 83.0 | 0.11 | 0.19 | <0.02 | 184 | 1.36 |
| 2570639 | Drill Core | 2.89 | 0.89 | 139.56 | 5.10 | 66.6 | 102 | 12.7 | 25.6 | 567 | 5.67 | 0.8 | 0.4 | 3.0 | 1.1 | 98.8 | 0.13 | 0.31 | <0.02 | 247 | 1.85 |
| 2570640 | Drill Core | 3.44 | 0.87 | 133.80 | 4.52 | 79.9 | 69 | 15.1 | 28.8 | 731 | 6.56 | 0.4 | 0.3 | 1.5 | 0.8 | 131.8 | 0.12 | 0.30 | <0.02 | 262 | 2.12 |
| 2570641 | Drill Core | 5.07 | 0.08 | 120.95 | 1.93 | 92.3 | 32 | 16.7 | 31.6 | 834 | 6.77 | 0.7 | 0.3 | 0.5 | 0.7 | 179.8 | 0.07 | 0.30 | <0.02 | 254 | 2.34 |
| 2570642 | Drill Core | 5.44 | 0.08 | 73.62 | 2.27 | 77.8 | 23 | 14.0 | 26.9 | 759 | 6.31 | 0.7 | 0.4 | 0.8 | 1.3 | 174.0 | 0.07 | 0.39 | <0.02 | 239 | 3.38 |
| 2570643 | Drill Core | 3.36 | 0.08 | 74.30 | 1.36 | 84.4 | 35 | 11.1 | 29.4 | 891 | 6.88 | 0.9 | 0.3 | 0.9 | 0.9 | 322.6 | 0.06 | 0.60 | <0.02 | 227 | 3.60 |
| 2570644 | Drill Core | 2.00 | 0.21 | 178.36 | 1.68 | 73.2 | 60 | 2.8 | 29.8 | 864 | 6.75 | 2.7 | 0.4 | 1.5 | 1.4 | 604.1 | 0.07 | 1.34 | <0.02 | 244 | 3.07 |
| 2570645 | Drill Core | 1.68 | 0.21 | 172.37 | 1.87 | 76.8 | 67 | 2.9 | 32.8 | 940 | 7.34 | 2.3 | 0.4 | 2.3 | 1.4 | 563.1 | 0.05 | 1.38 | <0.02 | 253 | 3.02 |
| 2570646 | Drill Core | 4.70 | 0.15 | 171.97 | 1.85 | 73.7 | 66 | 0.8 | 31.7 | 861 | 7.11 | 3.7 | 0.4 | 1.3 | 1.4 | 353.6 | 0.07 | 0.75 | <0.02 | 244 | 4.35 |
| 2570647 | Drill Core | 2.71 | 0.06 | 10.69 | 0.74 | 57.1 | 9 | 55.9 | 58.5 | 633 | 11.54 | 2.8 | 0.2 | <0.2 | 0.5 | 179.4 | 0.06 | 0.31 | <0.02 | 588 | 3.83 |
| 2570648 | Drill Core | 3.72 | 0.09 | 13.40 | 1.08 | 57.9 | 15 | 57.7 | 60.9 | 625 | 11.82 | 4.2 | 0.2 | 0.6 | 0.5 | 162.1 | 0.06 | 0.14 | <0.02 | 592 | 3.23 |
| 2570649 | Drill Core | 1.79 | 0.04 | 26.46 | 1.85 | 76.5 | 35 | 76.0 | 68.4 | 642 | 11.25 | 5.5 | <0.1 | <0.2 | 0.3 | 190.4 | 0.05 | 0.17 | <0.02 | 565 | 3.88 |
| 2570650 | Drill Core | 5.63 | 0.04 | 5.62 | 0.48 | 55.0 | 8 | 112.6 | 65.4 | 456 | 7.60 | 0.4 | <0.1 | <0.2 | <0.1 | 53.9 | 0.01 | 0.08 | <0.02 | 390 | 0.61 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570621 | Drill Core | 0.156 | 4.4 | 49.6 | 1.55 | 360.2 | 0.259 | 1 | 1.93 | 0.149 | 0.75 | <0.1 | 7.7 | 0.13 | 0.11 | 8 | 0.2 | <0.02 | 7.0 | 1.17 | 0.1 |
| 2570622 | Drill Core | 0.154 | 4.4 | 44.7 | 1.50 | 284.6 | 0.225 | 2 | 1.79 | 0.127 | 0.55 | 0.1 | 8.4 | 0.10 | 0.15 | 11 | 0.1 | <0.02 | 7.0 | 0.95 | 0.2 |
| 2570623 | Drill Core | 0.161 | 4.3 | 46.3 | 1.47 | 421.6 | 0.270 | 1 | 2.03 | 0.173 | 0.88 | <0.1 | 6.1 | 0.15 | 0.08 | <5 | 0.2 | 0.02 | 6.9 | 1.33 | 0.2 |
| 2570624 | Drill Core | 0.158 | 4.9 | 53.0 | 1.70 | 689.0 | 0.319 | 1 | 2.15 | 0.132 | 1.18 | <0.1 | 5.6 | 0.17 | 0.05 | <5 | 0.1 | <0.02 | 8.0 | 1.53 | 0.2 |
| 2570625 | Core DUP | 0.162 | 5.0 | 53.1 | 1.71 | 714.3 | 0.331 | 2 | 2.19 | 0.129 | 1.17 | <0.1 | 6.0 | 0.17 | 0.05 | 5 | <0.1 | <0.02 | 8.0 | 1.55 | 0.2 |
| 2570626 | Drill Core | 0.153 | 4.8 | 61.9 | 2.11 | 333.9 | 0.278 | 1 | 2.34 | 0.121 | 0.71 | <0.1 | 12.0 | 0.14 | 0.13 | 32 | 0.1 | <0.02 | 9.4 | 1.96 | 0.2 |
| 2570627 | Drill Core | 0.177 | 6.8 | 71.6 | 2.67 | 453.7 | 0.280 | 2 | 2.98 | 0.124 | 0.86 | 0.1 | 15.8 | 0.18 | 0.19 | 27 | 0.3 | <0.02 | 10.8 | 2.37 | 0.3 |
| 2570628 | Drill Core | 0.154 | 8.2 | 78.1 | 3.00 | 350.8 | 0.170 | 3 | 3.30 | 0.110 | 0.54 | <0.1 | 17.6 | 0.11 | 0.18 | 25 | 0.1 | <0.02 | 12.0 | 1.79 | 0.2 |
| 2570629 | Drill Core | 0.099 | 6.1 | 58.4 | 2.22 | 68.1 | 0.127 | 2 | 2.42 | 0.138 | 0.19 | 0.1 | 10.1 | 0.06 | 0.24 | <5 | 0.1 | 0.03 | 7.7 | 2.87 | 0.1 |
| 2570630 | Rock Pulp | 0.056 | 4.0 | 34.6 | 0.80 | 101.7 | 0.132 | 5 | 1.66 | 0.104 | 0.15 | 0.3 | 4.9 | 0.07 | 0.62 | 37 | 0.7 | 0.04 | 5.5 | 0.42 | <0.1 |
| 2570631 | Drill Core | 0.047 | 2.3 | 144.5 | 3.65 | 346.8 | 0.484 | 3 | 2.72 | 0.131 | 0.98 | <0.1 | 14.1 | 0.14 | 0.04 | <5 | <0.1 | 0.02 | 10.6 | 4.97 | 0.2 |
| 2570632 | Drill Core | 0.056 | 1.8 | 157.6 | 2.32 | 102.9 | 0.176 | 2 | 1.30 | 0.057 | 0.30 | <0.1 | 10.7 | 0.05 | <0.02 | <5 | <0.1 | <0.02 | 4.2 | 1.36 | 0.1 |
| 2570633 | Drill Core | 0.328 | 14.6 | 60.0 | 2.48 | 371.2 | 0.199 | 3 | 2.03 | 0.089 | 0.97 | <0.1 | 9.9 | 0.16 | 0.05 | <5 | 0.1 | <0.02 | 11.9 | 2.47 | 0.2 |
| 2570634 | Drill Core | 0.259 | 15.5 | 20.8 | 1.52 | 154.0 | 0.241 | 3 | 1.81 | 0.083 | 0.50 | <0.1 | 6.8 | 0.12 | 0.09 | <5 | 0.3 | <0.02 | 11.2 | 1.98 | 0.2 |
| 2570635 | Drill Core | 0.225 | 16.9 | 13.6 | 1.38 | 116.2 | 0.257 | 4 | 1.56 | 0.107 | 0.65 | 0.1 | 7.9 | 0.13 | 0.06 | <5 | 0.2 | <0.02 | 9.4 | 3.92 | 0.2 |
| 2570636 | Drill Core | 0.218 | 14.2 | 22.3 | 1.26 | 127.6 | 0.259 | 2 | 1.45 | 0.093 | 0.76 | <0.1 | 6.5 | 0.13 | 0.08 | 6 | 0.1 | <0.02 | 9.1 | 2.68 | 0.2 |
| 2570637 | Drill Core | 0.189 | 14.6 | 17.6 | 0.97 | 139.9 | 0.203 | 2 | 1.25 | 0.100 | 0.53 | <0.1 | 5.1 | 0.10 | 0.09 | 9 | 0.1 | <0.02 | 7.9 | 1.23 | 0.1 |
| 2570638 | Drill Core | 0.162 | 13.9 | 17.2 | 0.92 | 99.7 | 0.215 | 3 | 1.22 | 0.093 | 0.72 | 0.1 | 4.0 | 0.12 | 0.07 | <5 | 0.2 | <0.02 | 7.7 | 1.47 | 0.1 |
| 2570639 | Drill Core | 0.217 | 14.2 | 21.7 | 1.19 | 134.2 | 0.248 | 2 | 1.39 | 0.091 | 0.76 | <0.1 | 5.4 | 0.16 | 0.07 | 10 | <0.1 | <0.02 | 8.0 | 1.94 | 0.2 |
| 2570640 | Drill Core | 0.215 | 15.6 | 26.4 | 1.43 | 149.9 | 0.238 | 2 | 1.79 | 0.103 | 0.73 | <0.1 | 6.3 | 0.12 | 0.08 | <5 | <0.1 | <0.02 | 9.0 | 1.47 | 0.2 |
| 2570641 | Drill Core | 0.326 | 15.2 | 28.3 | 1.62 | 116.3 | 0.214 | 2 | 2.20 | 0.132 | 0.39 | <0.1 | 7.2 | 0.05 | 0.14 | 6 | 0.1 | <0.02 | 9.2 | 0.73 | 0.1 |
| 2570642 | Drill Core | 0.276 | 14.3 | 23.7 | 1.40 | 122.1 | 0.218 | 3 | 1.88 | 0.072 | 0.42 | <0.1 | 4.6 | 0.07 | 0.07 | <5 | 0.1 | <0.02 | 9.3 | 0.89 | 0.1 |
| 2570643 | Drill Core | 0.335 | 14.6 | 11.9 | 1.72 | 42.5 | 0.198 | 3 | 2.49 | 0.086 | 0.17 | 0.1 | 7.0 | 0.05 | 0.12 | 5 | <0.1 | <0.02 | 9.9 | 0.38 | 0.2 |
| 2570644 | Drill Core | 0.271 | 9.4 | 2.0 | 1.93 | 32.3 | 0.263 | 5 | 3.17 | 0.066 | 0.14 | 0.2 | 10.9 | 0.09 | 0.36 | 10 | 0.3 | 0.03 | 10.7 | 0.60 | 0.2 |
| 2570645 | Drill Core | 0.291 | 10.1 | 2.0 | 2.03 | 31.6 | 0.253 | 6 | 3.21 | 0.066 | 0.14 | 0.2 | 11.2 | 0.11 | 0.44 | 24 | 0.2 | 0.03 | 10.7 | 0.60 | 0.2 |
| 2570646 | Drill Core | 0.305 | 9.7 | 0.8 | 2.02 | 37.6 | 0.245 | 3 | 3.12 | 0.057 | 0.18 | 0.1 | 8.7 | 0.07 | 0.49 | 7 | 0.6 | 0.03 | 10.5 | 0.71 | 0.1 |
| 2570647 | Drill Core | 0.333 | 7.8 | 95.1 | 3.18 | 497.8 | 0.235 | <1 | 1.99 | 0.116 | 1.03 | <0.1 | 9.3 | 0.15 | 0.04 | <5 | <0.1 | <0.02 | 9.6 | 4.72 | 0.3 |
| 2570648 | Drill Core | 0.346 | 7.7 | 101.6 | 3.48 | 634.9 | 0.262 | 1 | 2.18 | 0.100 | 1.37 | <0.1 | 10.1 | 0.17 | 0.07 | <5 | <0.1 | <0.02 | 11.3 | 2.53 | 0.3 |
| 2570649 | Drill Core | 0.246 | 5.7 | 166.7 | 4.58 | 881.5 | 0.389 | 1 | 3.07 | 0.120 | 1.90 | <0.1 | 13.1 | 0.22 | 0.06 | 10 | <0.1 | <0.02 | 12.7 | 2.70 | 0.4 |
| 2570650 | Drill Core | 0.009 | <0.5 | 204.4 | 5.02 | 1746.0 | 0.640 | 1 | 3.99 | 0.158 | 3.50 | <0.1 | 9.3 | 0.31 | <0.02 | <5 | <0.1 | <0.02 | 10.2 | 1.90 | 0.2 |

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570621 | Drill Core | 0.12 | 0.11 | 18.6 | 0.4 | <0.05 | 2.1 | 8.44 | 9.4 | 0.02 | <1 | 0.3 | 18.1 | <10 | 4 |
| 2570622 | Drill Core | 0.14 | 0.08 | 13.4 | 0.5 | <0.05 | 2.5 | 8.54 | 8.7 | 0.02 | <1 | 0.2 | 17.3 | <10 | 2 |
| 2570623 | Drill Core | 0.11 | 0.10 | 22.0 | 0.4 | <0.05 | 2.2 | 7.54 | 8.8 | <0.02 | <1 | 0.2 | 17.3 | <10 | 2 |
| 2570624 | Drill Core | 0.04 | 0.10 | 25.3 | 0.4 | <0.05 | 1.0 | 7.56 | 10.2 | <0.02 | 3 | <0.1 | 20.0 | <10 | 3 |
| 2570625 | Core DUP | 0.06 | 0.12 | 25.2 | 0.4 | <0.05 | 1.2 | 7.60 | 9.9 | <0.02 | 2 | 0.1 | 20.8 | <10 | 3 |
| 2570626 | Drill Core | 0.17 | 0.10 | 19.0 | 0.5 | <0.05 | 2.9 | 9.63 | 9.9 | 0.04 | <1 | 0.3 | 23.6 | <10 | 4 |
| 2570627 | Drill Core | 0.09 | 0.14 | 22.2 | 0.7 | <0.05 | 1.6 | 13.74 | 14.5 | 0.05 | <1 | 0.4 | 33.9 | <10 | 5 |
| 2570628 | Drill Core | 0.07 | 0.07 | 15.2 | 0.8 | <0.05 | 0.7 | 16.71 | 18.2 | 0.06 | <1 | 0.5 | 40.5 | <10 | 4 |
| 2570629 | Drill Core | 0.04 | 0.04 | 8.4 | 0.4 | <0.05 | 0.9 | 15.01 | 13.1 | 0.02 | <1 | 0.3 | 29.1 | <10 | 3 |
| 2570630 | Rock Pulp | 0.20 | 0.07 | 5.1 | 1.6 | <0.05 | 5.6 | 6.85 | 8.5 | 0.03 | 121 | 0.3 | 11.3 | <10 | <2 |
| 2570631 | Drill Core | 0.11 | 0.04 | 41.5 | 0.4 | <0.05 | 3.1 | 3.69 | 5.1 | 0.03 | <1 | <0.1 | 36.7 | 59 | 30 |
| 2570632 | Drill Core | 0.12 | 0.04 | 13.6 | 0.2 | <0.05 | 3.4 | 2.36 | 3.9 | <0.02 | <1 | 0.2 | 19.2 | <10 | 3 |
| 2570633 | Drill Core | <0.02 | 0.04 | 40.8 | 0.5 | <0.05 | 0.4 | 10.14 | 28.5 | <0.02 | <1 | <0.1 | 21.7 | 16 | 12 |
| 2570634 | Drill Core | 0.09 | 0.10 | 22.2 | 0.4 | <0.05 | 3.2 | 10.38 | 28.5 | <0.02 | 1 | 0.4 | 13.5 | 10 | 6 |
| 2570635 | Drill Core | 0.11 | 0.13 | 35.6 | 0.5 | <0.05 | 3.5 | 10.93 | 31.7 | 0.03 | <1 | 0.4 | 20.2 | <10 | 4 |
| 2570636 | Drill Core | 0.08 | 0.10 | 38.1 | 0.4 | <0.05 | 2.6 | 9.67 | 27.1 | 0.03 | <1 | 0.4 | 18.4 | <10 | 4 |
| 2570637 | Drill Core | 0.16 | 0.15 | 28.1 | 0.4 | <0.05 | 4.9 | 9.47 | 26.4 | <0.02 | <1 | 0.4 | 12.0 | 10 | 6 |
| 2570638 | Drill Core | 0.11 | 0.13 | 41.0 | 0.5 | <0.05 | 3.7 | 8.82 | 25.6 | <0.02 | <1 | 0.2 | 10.7 | <10 | 5 |
| 2570639 | Drill Core | 0.09 | 0.11 | 35.9 | 2.1 | <0.05 | 2.6 | 9.75 | 26.6 | <0.02 | <1 | 0.2 | 13.4 | <10 | 4 |
| 2570640 | Drill Core | 0.07 | 0.11 | 35.0 | 1.3 | <0.05 | 2.7 | 11.92 | 30.7 | 0.02 | <1 | 0.3 | 14.0 | <10 | 6 |
| 2570641 | Drill Core | 0.14 | 0.12 | 10.3 | 0.4 | <0.05 | 4.4 | 13.84 | 30.7 | 0.03 | <1 | 0.4 | 12.9 | 11 | 8 |
| 2570642 | Drill Core | 0.10 | 0.10 | 14.6 | 0.4 | <0.05 | 2.2 | 11.48 | 28.0 | <0.02 | <1 | 0.3 | 10.0 | <10 | 7 |
| 2570643 | Drill Core | 0.22 | 0.14 | 5.3 | 0.4 | <0.05 | 5.2 | 12.73 | 29.6 | 0.03 | <1 | 0.5 | 14.8 | <10 | 5 |
| 2570644 | Drill Core | 0.34 | 0.12 | 5.4 | 0.6 | <0.05 | 7.8 | 10.55 | 20.2 | 0.04 | <1 | 0.4 | 31.7 | <10 | <2 |
| 2570645 | Drill Core | 0.29 | 0.11 | 5.2 | 0.6 | <0.05 | 7.9 | 11.61 | 22.0 | 0.03 | <1 | 0.4 | 32.4 | <10 | <2 |
| 2570646 | Drill Core | 0.31 | 0.08 | 7.1 | 0.6 | <0.05 | 7.2 | 10.66 | 21.1 | 0.03 | <1 | 0.3 | 24.7 | <10 | <2 |
| 2570647 | Drill Core | <0.02 | 0.03 | 47.0 | 0.3 | <0.05 | 0.5 | 6.78 | 15.6 | <0.02 | <1 | <0.1 | 11.2 | <10 | 9 |
| 2570648 | Drill Core | <0.02 | 0.03 | 58.0 | 0.3 | <0.05 | 0.5 | 6.87 | 16.3 | 0.02 | <1 | <0.1 | 8.9 | 10 | 10 |
| 2570649 | Drill Core | 0.02 | 0.03 | 74.5 | 0.3 | <0.05 | 0.7 | 5.09 | 11.7 | 0.03 | <1 | 0.2 | 15.2 | 27 | 16 |
| 2570650 | Drill Core | 0.05 | 0.06 | 120.5 | 0.3 | <0.05 | 1.8 | 0.74 | 0.8 | <0.02 | <1 | <0.1 | 26.4 | 56 | 20 |

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# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570651 | Drill Core | 5.99 | 0.04 | 10.35 | 0.53 | 58.2 | 10 | 92.5 | 60.1 | 409 | 8.18 | 0.4 | <0.1 | <0.2 | <0.1 | 54.6 | 0.01 | 0.09 | <0.02 | 439 | 0.70 |
| 2570652 | Drill Core | 3.28 | 0.39 | 24.70 | 0.41 | 26.2 | 22 | 36.8 | 29.1 | 238 | 5.18 | 0.4 | <0.1 | <0.2 | 0.2 | 45.5 | 0.03 | 0.17 | <0.02 | 309 | 1.44 |
| 2570653 | Drill Core | 6.47 | 0.02 | 14.99 | 0.43 | 53.5 | 12 | 87.1 | 64.8 | 397 | 8.31 | 0.4 | <0.1 | <0.2 | <0.1 | 51.8 | 0.01 | 0.04 | <0.02 | 451 | 0.53 |
| 2570654 | Drill Core | 5.20 | 0.07 | 15.74 | 0.43 | 59.0 | 12 | 74.2 | 56.4 | 401 | 8.78 | 0.2 | <0.1 | <0.2 | <0.1 | 48.9 | 0.02 | 0.07 | <0.02 | 492 | 0.69 |
| 2570655 | Drill Core | 1.36 | 0.06 | 2855.64 | 2.52 | 58.7 | 848 | 120.0 | 125.5 | 326 | 10.88 | 8.7 | <0.1 | 11.9 | <0.1 | 61.9 | 0.22 | 0.13 | 0.07 | 566 | 0.96 |
| 2570656 | Drill Core | 5.76 | 0.09 | 49.01 | 0.44 | 43.8 | 40 | 56.9 | 47.5 | 294 | 10.75 | 0.4 | <0.1 | 0.4 | 0.2 | 46.9 | 0.02 | 0.12 | <0.02 | 627 | 1.10 |
| 2570657 | Drill Core | 6.39 | 0.09 | 26.01 | 0.47 | 37.4 | 15 | 56.1 | 48.9 | 280 | 11.01 | 0.5 | <0.1 | <0.2 | 0.2 | 46.7 | 0.02 | 0.13 | <0.02 | 656 | 1.13 |
| 2570658 | Drill Core | 6.53 | 0.06 | 9.64 | 0.42 | 53.0 | 12 | 74.9 | 62.3 | 368 | 9.49 | 0.3 | <0.1 | <0.2 | <0.1 | 53.4 | 0.01 | 0.08 | <0.02 | 534 | 0.66 |
| 2570659 | Drill Core | 5.65 | 0.07 | 7.25 | 0.42 | 51.9 | 8 | 73.0 | 60.0 | 346 | 10.08 | 0.4 | <0.1 | <0.2 | <0.1 | 55.1 | 0.02 | 0.17 | <0.02 | 574 | 0.90 |
| 2570660 | Rock | 1.03 | 0.06 | 0.59 | 0.20 | 0.6 | <2 | 0.4 | 0.1 | 18 | 0.03 | <0.1 | 1.6 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 34.40 |
| 2570661 | Drill Core | 5.65 | 0.03 | 6.53 | 0.44 | 57.1 | 10 | 76.7 | 62.3 | 371 | 9.07 | 0.2 | <0.1 | <0.2 | <0.1 | 60.7 | 0.01 | 0.07 | <0.02 | 513 | 0.78 |
| 2570662 | Drill Core | 5.51 | 0.07 | 6.88 | 0.47 | 54.8 | 9 | 68.8 | 56.9 | 373 | 9.42 | 0.4 | <0.1 | <0.2 | <0.1 | 51.7 | 0.02 | 0.09 | <0.02 | 522 | 0.87 |
| 2570663 | Drill Core | 5.79 | 0.05 | 9.19 | 0.49 | 51.1 | 7 | 61.2 | 53.4 | 335 | 9.35 | 0.3 | <0.1 | <0.2 | <0.1 | 49.5 | 0.02 | 0.10 | <0.02 | 527 | 0.85 |
| 2570664 | Drill Core | 5.97 | 0.08 | 11.24 | 0.42 | 44.3 | 9 | 63.9 | 51.5 | 297 | 9.32 | 0.4 | <0.1 | <0.2 | <0.1 | 44.3 | 0.02 | 0.11 | <0.02 | 546 | 0.80 |
| 2570665 | Core DUP | | 0.10 | 12.12 | 0.43 | 45.5 | 10 | 65.0 | 54.0 | 293 | 9.06 | 0.3 | <0.1 | <0.2 | <0.1 | 45.9 | 0.02 | 0.11 | <0.02 | 531 | 0.78 |
| 2570666 | Drill Core | 5.70 | 0.08 | 7.35 | 0.43 | 45.2 | 7 | 55.3 | 46.0 | 306 | 8.60 | 0.3 | <0.1 | <0.2 | <0.1 | 45.0 | 0.03 | 0.12 | <0.02 | 499 | 0.85 |
| 2570667 | Drill Core | 2.21 | 0.09 | 5.69 | 0.57 | 37.6 | 8 | 40.6 | 37.1 | 309 | 9.51 | 0.9 | <0.1 | <0.2 | 0.2 | 58.3 | 0.04 | 0.34 | <0.02 | 504 | 1.65 |
| 2570668 | Drill Core | 3.19 | 0.09 | 18.01 | 8.47 | 36.4 | 24 | 49.8 | 41.4 | 557 | 10.18 | 2.8 | <0.1 | <0.2 | 0.1 | 194.6 | 0.05 | 0.26 | <0.02 | 536 | 5.57 |
| 2570669 | Drill Core | 3.53 | 0.14 | 2.71 | 1.76 | 33.5 | 17 | 39.4 | 34.7 | 364 | 10.86 | 1.6 | <0.1 | <0.2 | 0.2 | 78.1 | 0.03 | 0.29 | <0.02 | 562 | 2.32 |
| 2570670 | Rock Pulp | 0.10 | 230.36 | 2576.86 | 50.55 | 282.9 | 3192 | 10.0 | 20.1 | 198 | 3.30 | 25.0 | 6.1 | 284.4 | 12.1 | 48.0 | 2.38 | 5.93 | 4.39 | 42 | 0.93 |
| 2570671 | Drill Core | 1.91 | 0.13 | 6.55 | 0.58 | 36.8 | 9 | 57.5 | 47.8 | 297 | 12.49 | 0.8 | <0.1 | <0.2 | 0.2 | 49.0 | 0.03 | 0.31 | <0.02 | 709 | 1.56 |
| 2570672 | Drill Core | 2.08 | 0.13 | 8.95 | 1.10 | 52.7 | 18 | 47.4 | 36.2 | 410 | 9.10 | 0.6 | 0.1 | 0.2 | 0.2 | 61.9 | 0.02 | 0.32 | <0.02 | 450 | 1.44 |
| 2570673 | Drill Core | 2.69 | 0.11 | 10.08 | 0.70 | 47.7 | 19 | 56.3 | 45.8 | 337 | 11.42 | 0.2 | <0.1 | 0.8 | 0.1 | 43.8 | 0.02 | 0.22 | 0.02 | 601 | 0.99 |
| 2570674 | Drill Core | 5.16 | 0.32 | 8.36 | 0.84 | 47.1 | 12 | 44.7 | 31.5 | 430 | 6.31 | <0.1 | <0.1 | 1.2 | 0.2 | 66.2 | 0.04 | 0.18 | <0.02 | 304 | 1.55 |
| 2570675 | Drill Core | 2.34 | 0.09 | 7.09 | 0.56 | 48.2 | 8 | 40.2 | 30.4 | 372 | 6.49 | <0.1 | <0.1 | <0.2 | 0.1 | 43.6 | <0.01 | 0.25 | <0.02 | 332 | 1.09 |
| 2570676 | Drill Core | 5.95 | 0.06 | 4.51 | 0.85 | 56.4 | 12 | 51.8 | 39.2 | 497 | 8.51 | 0.2 | <0.1 | 0.5 | 0.2 | 82.7 | 0.04 | 0.16 | <0.02 | 418 | 1.61 |
| 2570677 | Drill Core | 2.96 | 0.12 | 144.04 | 3.23 | 78.7 | 115 | 15.3 | 28.8 | 808 | 6.01 | 1.0 | 0.1 | 0.9 | 0.4 | 151.0 | 0.11 | 0.25 | 0.02 | 238 | 2.66 |
| 2570678 | Drill Core | 2.41 | 0.19 | 20.23 | 1.64 | 53.7 | 27 | 38.5 | 32.5 | 518 | 8.91 | 0.5 | <0.1 | <0.2 | 0.2 | 100.9 | 0.05 | 0.17 | <0.02 | 435 | 2.63 |
| 2570679 | Drill Core | 1.96 | 0.08 | 8.57 | 1.06 | 65.0 | 16 | 51.5 | 43.2 | 467 | 10.67 | <0.1 | <0.1 | <0.2 | 0.1 | 65.2 | 0.03 | 0.19 | <0.02 | 535 | 1.58 |
| 2570680 | Drill Core | 1.92 | 0.30 | 6.77 | 1.16 | 39.9 | 9 | 33.8 | 25.8 | 402 | 6.30 | 0.3 | <0.1 | <0.2 | 0.2 | 82.4 | 0.03 | 0.12 | <0.02 | 309 | 1.95 |

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| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570651 | Drill Core | 0.013 | 0.5 | 187.7 | 4.37 | 1471.4 | 0.593 | 1 | 3.56 | 0.128 | 3.11 | <0.1 | 9.4 | 0.31 | <0.02 | <5 | <0.1 | <0.02 | 10.2 | 2.44 | 0.2 |
| 2570652 | Drill Core | 0.020 | 0.9 | 128.0 | 1.81 | 333.6 | 0.282 | 1 | 1.34 | 0.069 | 0.89 | <0.1 | 8.3 | 0.10 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.94 | 0.2 |
| 2570653 | Drill Core | 0.009 | <0.5 | 198.7 | 4.53 | 1376.2 | 0.587 | <1 | 3.61 | 0.140 | 3.17 | <0.1 | 9.8 | 0.29 | <0.02 | <5 | <0.1 | <0.02 | 9.7 | 1.64 | 0.3 |
| 2570654 | Drill Core | 0.018 | 0.6 | 186.3 | 3.51 | 1096.9 | 0.545 | <1 | 2.92 | 0.119 | 2.46 | <0.1 | 8.9 | 0.24 | <0.02 | <5 | <0.1 | <0.02 | 9.5 | 1.33 | 0.2 |
| 2570655 | Drill Core | 0.304 | 2.9 | 80.0 | 4.48 | 57.6 | 0.463 | <1 | 3.64 | 0.136 | 2.98 | <0.1 | 8.0 | 0.30 | 1.82 | 6 | 4.1 | 0.05 | 12.9 | 1.86 | 0.2 |
| 2570656 | Drill Core | 0.041 | 1.1 | 89.7 | 1.98 | 467.8 | 0.348 | <1 | 1.59 | 0.076 | 1.05 | <0.1 | 7.9 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 9.8 | 0.70 | 0.2 |
| 2570657 | Drill Core | 0.034 | 1.0 | 130.7 | 1.87 | 364.4 | 0.337 | 1 | 1.47 | 0.083 | 0.91 | <0.1 | 8.6 | 0.11 | 0.02 | <5 | <0.1 | <0.02 | 9.3 | 0.81 | 0.2 |
| 2570658 | Drill Core | 0.026 | 0.7 | 177.1 | 3.54 | 1011.4 | 0.521 | <1 | 2.88 | 0.116 | 2.40 | <0.1 | 9.2 | 0.23 | <0.02 | <5 | 0.1 | <0.02 | 10.2 | 1.28 | 0.2 |
| 2570659 | Drill Core | 0.013 | 0.5 | 203.8 | 3.47 | 793.4 | 0.498 | 1 | 2.68 | 0.115 | 2.11 | <0.1 | 10.3 | 0.20 | <0.02 | <5 | <0.1 | <0.02 | 9.9 | 1.30 | 0.3 |
| 2570660 | Rock | 0.004 | <0.5 | 0.8 | 1.49 | 5.7 | 0.001 | <1 | 0.03 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | <0.02 | <5 | <0.1 | 0.30 | <0.1 | <0.02 | <0.1 |
| 2570661 | Drill Core | 0.012 | <0.5 | 182.5 | 4.02 | 1080.6 | 0.581 | <1 | 3.21 | 0.133 | 2.79 | <0.1 | 10.2 | 0.28 | <0.02 | <5 | <0.1 | <0.02 | 9.6 | 1.46 | 0.2 |
| 2570662 | Drill Core | 0.019 | 0.6 | 181.9 | 3.16 | 837.2 | 0.508 | <1 | 2.52 | 0.118 | 2.08 | <0.1 | 10.3 | 0.21 | <0.02 | <5 | <0.1 | <0.02 | 8.8 | 1.16 | 0.2 |
| 2570663 | Drill Core | 0.021 | 0.7 | 168.7 | 2.85 | 758.3 | 0.469 | 1 | 2.28 | 0.114 | 1.86 | <0.1 | 9.8 | 0.19 | <0.02 | <5 | 0.1 | <0.02 | 8.5 | 1.03 | 0.2 |
| 2570664 | Drill Core | 0.015 | <0.5 | 151.9 | 2.84 | 716.7 | 0.429 | <1 | 2.23 | 0.105 | 1.81 | <0.1 | 9.2 | 0.18 | <0.02 | <5 | <0.1 | <0.02 | 8.2 | 1.09 | 0.2 |
| 2570665 | Core DUP | 0.016 | <0.5 | 148.8 | 2.87 | 734.0 | 0.433 | <1 | 2.26 | 0.104 | 1.83 | <0.1 | 8.9 | 0.18 | <0.02 | <5 | <0.1 | <0.02 | 8.4 | 1.10 | 0.2 |
| 2570666 | Drill Core | 0.014 | 0.7 | 157.9 | 2.47 | 610.4 | 0.400 | <1 | 1.95 | 0.103 | 1.46 | <0.1 | 8.9 | 0.14 | <0.02 | <5 | <0.1 | <0.02 | 7.9 | 0.85 | 0.2 |
| 2570667 | Drill Core | 0.086 | 2.3 | 195.2 | 1.44 | 155.8 | 0.268 | <1 | 1.06 | 0.097 | 0.39 | <0.1 | 9.9 | 0.05 | <0.02 | <5 | <0.1 | <0.02 | 7.4 | 0.47 | 0.2 |
| 2570668 | Drill Core | 0.047 | 1.6 | 238.4 | 1.44 | 220.3 | 0.273 | <1 | 1.05 | 0.082 | 0.58 | 0.2 | 8.9 | 0.09 | <0.02 | <5 | <0.1 | <0.02 | 8.1 | 1.22 | 0.2 |
| 2570669 | Drill Core | 0.087 | 2.9 | 239.2 | 1.07 | 72.4 | 0.230 | 1 | 0.87 | 0.098 | 0.24 | <0.1 | 7.5 | 0.07 | 0.04 | 8 | <0.1 | <0.02 | 8.0 | 0.47 | 0.2 |
| 2570670 | Rock Pulp | 0.051 | 23.2 | 68.3 | 0.64 | 51.3 | 0.044 | 3 | 1.26 | 0.032 | 0.54 | 3.3 | 4.8 | 0.40 | 2.01 | 60 | 2.5 | 0.31 | 3.7 | 2.13 | <0.1 |
| 2570671 | Drill Core | 0.025 | 1.2 | 194.3 | 1.19 | 100.1 | 0.293 | <1 | 0.87 | 0.072 | 0.25 | <0.1 | 8.1 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 8.4 | 0.30 | 0.2 |
| 2570672 | Drill Core | 0.029 | 1.8 | 183.2 | 1.54 | 205.9 | 0.314 | 2 | 1.28 | 0.097 | 0.48 | <0.1 | 8.1 | 0.07 | 0.03 | 7 | <0.1 | <0.02 | 8.1 | 0.51 | 0.2 |
| 2570673 | Drill Core | 0.016 | 0.7 | 213.5 | 1.68 | 319.6 | 0.320 | 2 | 1.34 | 0.061 | 0.72 | <0.1 | 6.1 | 0.09 | <0.02 | 6 | <0.1 | <0.02 | 9.2 | 0.65 | 0.2 |
| 2570674 | Drill Core | 0.024 | 1.5 | 258.4 | 2.07 | 392.7 | 0.323 | 3 | 1.68 | 0.128 | 1.02 | <0.1 | 9.1 | 0.15 | <0.02 | <5 | 0.2 | <0.02 | 7.5 | 0.89 | 0.2 |
| 2570675 | Drill Core | 0.016 | 1.2 | 274.5 | 1.73 | 347.8 | 0.304 | 2 | 1.41 | 0.091 | 0.87 | <0.1 | 7.1 | 0.12 | <0.02 | <5 | 0.2 | <0.02 | 6.8 | 0.77 | 0.1 |
| 2570676 | Drill Core | 0.104 | 2.9 | 182.7 | 2.27 | 396.1 | 0.291 | 2 | 1.94 | 0.164 | 1.03 | <0.1 | 10.9 | 0.12 | <0.02 | 6 | 0.2 | <0.02 | 9.0 | 0.72 | 0.2 |
| 2570677 | Drill Core | 0.299 | 12.7 | 11.5 | 1.73 | 154.4 | 0.187 | 5 | 2.02 | 0.168 | 0.53 | <0.1 | 10.2 | 0.10 | 0.37 | <5 | 0.8 | <0.02 | 8.1 | 0.69 | 0.1 |
| 2570678 | Drill Core | 0.088 | 3.5 | 200.1 | 1.83 | 236.3 | 0.295 | 2 | 1.41 | 0.128 | 0.67 | 0.1 | 11.6 | 0.11 | 0.05 | <5 | <0.1 | <0.02 | 8.9 | 0.86 | 0.3 |
| 2570679 | Drill Core | 0.059 | 1.7 | 115.3 | 2.29 | 447.5 | 0.363 | 2 | 1.77 | 0.081 | 1.06 | 0.1 | 7.5 | 0.15 | <0.02 | <5 | <0.1 | <0.02 | 10.3 | 1.14 | 0.2 |
| 2570680 | Drill Core | 0.074 | 2.8 | 193.7 | 1.65 | 216.3 | 0.234 | 2 | 1.38 | 0.165 | 0.67 | <0.1 | 10.0 | 0.09 | <0.02 | <5 | 0.3 | <0.02 | 6.7 | 0.60 | 0.2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570651 | Drill Core | 0.07 | 0.06 | 112.9 | 0.2 | <0.05 | 2.1 | 0.99 | 1.2 | <0.02 | <1 | <0.1 | 21.9 | 45 | 14 |
| 2570652 | Drill Core | 0.10 | 0.04 | 34.3 | 0.2 | <0.05 | 3.0 | 1.88 | 1.9 | <0.02 | 1 | <0.1 | 8.1 | 13 | 6 |
| 2570653 | Drill Core | 0.04 | 0.04 | 109.3 | 0.3 | <0.05 | 1.6 | 0.91 | 0.8 | <0.02 | <1 | <0.1 | 21.8 | 20 | 8 |
| 2570654 | Drill Core | 0.08 | 0.04 | 90.3 | 0.3 | <0.05 | 2.5 | 1.36 | 1.4 | <0.02 | <1 | <0.1 | 19.4 | 16 | 3 |
| 2570655 | Drill Core | 0.03 | 0.06 | 109.6 | 0.2 | <0.05 | 0.9 | 4.48 | 8.2 | 0.03 | 1 | <0.1 | 18.0 | 98 | 34 |
| 2570656 | Drill Core | 0.12 | 0.04 | 43.0 | 0.3 | <0.05 | 2.8 | 2.06 | 2.5 | <0.02 | <1 | <0.1 | 9.1 | 33 | 4 |
| 2570657 | Drill Core | 0.10 | 0.04 | 37.2 | 0.3 | <0.05 | 3.1 | 2.06 | 2.4 | 0.02 | <1 | <0.1 | 7.8 | <10 | 5 |
| 2570658 | Drill Core | 0.07 | 0.05 | 86.2 | 0.3 | <0.05 | 2.1 | 1.33 | 1.6 | <0.02 | <1 | <0.1 | 15.6 | 13 | 4 |
| 2570659 | Drill Core | 0.07 | 0.05 | 73.8 | 0.3 | <0.05 | 2.2 | 1.35 | 1.2 | <0.02 | <1 | <0.1 | 13.6 | 13 | 5 |
| 2570660 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.17 | 0.2 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |
| 2570661 | Drill Core | 0.06 | 0.05 | 93.3 | 0.3 | <0.05 | 1.9 | 1.06 | 1.1 | 0.02 | <1 | <0.1 | 15.6 | 13 | 5 |
| 2570662 | Drill Core | 0.08 | 0.06 | 74.0 | 0.3 | <0.05 | 2.6 | 1.41 | 1.5 | <0.02 | <1 | <0.1 | 14.6 | <10 | 5 |
| 2570663 | Drill Core | 0.08 | 0.05 | 67.5 | 0.3 | <0.05 | 2.5 | 1.41 | 1.6 | <0.02 | <1 | <0.1 | 12.3 | 13 | 6 |
| 2570664 | Drill Core | 0.07 | 0.04 | 62.2 | 0.3 | <0.05 | 2.1 | 1.14 | 1.2 | <0.02 | <1 | <0.1 | 10.9 | 14 | 7 |
| 2570665 | Core DUP | 0.07 | 0.06 | 63.3 | 0.3 | <0.05 | 2.1 | 1.20 | 1.2 | <0.02 | <1 | <0.1 | 11.7 | 14 | 6 |
| 2570666 | Drill Core | 0.10 | 0.05 | 54.1 | 0.3 | <0.05 | 3.2 | 1.69 | 1.6 | <0.02 | <1 | <0.1 | 10.6 | <10 | 3 |
| 2570667 | Drill Core | 0.13 | 0.06 | 14.7 | 0.3 | <0.05 | 4.3 | 3.33 | 5.1 | <0.02 | <1 | <0.1 | 5.0 | <10 | 4 |
| 2570668 | Drill Core | 0.10 | 0.07 | 27.7 | 0.3 | <0.05 | 3.0 | 2.57 | 3.7 | 0.02 | <1 | <0.1 | 5.5 | <10 | 3 |
| 2570669 | Drill Core | 0.17 | 0.07 | 9.8 | 0.4 | <0.05 | 4.4 | 3.63 | 6.3 | <0.02 | <1 | 0.1 | 3.1 | <10 | 11 |
| 2570670 | Rock Pulp | 0.11 | 0.07 | 34.7 | 1.3 | <0.05 | 3.4 | 8.72 | 38.1 | 0.07 | 38 | 0.5 | 5.4 | <10 | <2 |
| 2570671 | Drill Core | 0.10 | 0.05 | 9.8 | 0.4 | <0.05 | 3.7 | 2.28 | 2.9 | 0.02 | <1 | <0.1 | 3.9 | <10 | 4 |
| 2570672 | Drill Core | 0.20 | 0.09 | 17.8 | 0.4 | <0.05 | 5.7 | 3.38 | 4.3 | <0.02 | <1 | <0.1 | 6.7 | 32 | 30 |
| 2570673 | Drill Core | 0.11 | 0.03 | 27.5 | 0.3 | <0.05 | 3.1 | 1.57 | 1.9 | 0.03 | <1 | <0.1 | 9.5 | 31 | 14 |
| 2570674 | Drill Core | 0.23 | 0.06 | 37.9 | 0.3 | <0.05 | 6.1 | 3.64 | 4.0 | <0.02 | <1 | 0.1 | 11.7 | <10 | 5 |
| 2570675 | Drill Core | 0.15 | 0.04 | 31.3 | 0.3 | <0.05 | 4.5 | 2.32 | 2.7 | <0.02 | <1 | 0.1 | 10.3 | <10 | 8 |
| 2570676 | Drill Core | 0.17 | 0.05 | 35.6 | 0.4 | <0.05 | 6.0 | 4.70 | 6.5 | 0.02 | <1 | 0.2 | 11.7 | <10 | 3 |
| 2570677 | Drill Core | 0.16 | 0.07 | 18.4 | 0.5 | <0.05 | 5.5 | 11.70 | 25.0 | 0.03 | <1 | 0.4 | 10.2 | <10 | 7 |
| 2570678 | Drill Core | 0.28 | 0.12 | 26.6 | 0.4 | <0.05 | 6.1 | 4.92 | 7.4 | 0.03 | <1 | 0.3 | 7.2 | <10 | 16 |
| 2570679 | Drill Core | 0.12 | 0.05 | 44.0 | 0.3 | <0.05 | 3.4 | 2.66 | 3.7 | <0.02 | <1 | <0.1 | 11.8 | <10 | 6 |
| 2570680 | Drill Core | 0.18 | 0.04 | 23.2 | 0.4 | <0.05 | 5.7 | 4.49 | 6.4 | <0.02 | 1 | <0.1 | 7.2 | <10 | 7 |

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# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570681 | Drill Core | 2.70 | 0.19 | 8.54 | 0.54 | 54.6 | 12 | 53.4 | 39.8 | 452 | 8.70 | 0.3 | <0.1 | 0.4 | 0.2 | 81.3 | 0.02 | 0.20 | <0.02 | 418 | 1.45 |
| 2570682 | Drill Core | 4.46 | 0.24 | 14.53 | 2.18 | 52.8 | 25 | 50.3 | 43.5 | 540 | 11.41 | 3.2 | <0.1 | 1.7 | 0.2 | 133.6 | 0.05 | 0.23 | <0.02 | 596 | 2.96 |
| 2570683 | Drill Core | 1.64 | 1.06 | 464.55 | 3.34 | 139.9 | 474 | 26.7 | 33.7 | 1159 | 5.78 | 4.2 | <0.1 | 1.7 | <0.1 | 418.8 | 0.28 | 0.31 | 0.05 | 262 | 8.37 |
| 2570684 | Drill Core | 2.79 | 0.37 | 10.32 | 3.06 | 35.8 | 29 | 28.1 | 30.7 | 445 | 8.42 | 2.9 | <0.1 | 0.3 | 0.2 | 138.8 | 0.06 | 0.27 | <0.02 | 474 | 3.04 |
| 2570685 | Drill Core | 2.84 | 0.24 | 14.09 | 3.82 | 34.6 | 26 | 29.3 | 32.4 | 416 | 8.50 | 3.2 | <0.1 | 1.0 | 0.2 | 125.4 | 0.07 | 0.24 | <0.02 | 476 | 2.89 |
| 2570686 | Drill Core | 3.24 | 0.18 | 7.46 | 0.63 | 37.4 | 18 | 43.6 | 46.3 | 291 | 11.15 | 0.2 | <0.1 | <0.2 | 0.1 | 53.3 | 0.02 | 0.10 | <0.02 | 625 | 1.15 |
| 2570687 | Drill Core | 4.37 | 0.12 | 7.45 | 0.39 | 36.4 | 12 | 41.0 | 43.4 | 273 | 10.15 | 0.1 | <0.1 | <0.2 | 0.2 | 47.4 | 0.02 | 0.11 | <0.02 | 542 | 1.04 |
| 2570688 | Drill Core | 3.57 | 0.08 | 7.11 | 0.42 | 38.0 | 7 | 42.8 | 43.2 | 283 | 10.33 | <0.1 | <0.1 | <0.2 | 0.1 | 46.6 | 0.03 | 0.09 | <0.02 | 560 | 0.92 |
| 2570689 | Drill Core | 2.67 | 0.06 | 7.54 | 0.48 | 40.4 | 7 | 36.2 | 36.6 | 306 | 8.66 | 0.2 | <0.1 | <0.2 | 0.1 | 43.2 | 0.02 | 0.08 | <0.02 | 451 | 1.00 |
| 2570690 | Drill Core | 6.33 | 0.11 | 7.44 | 0.59 | 45.9 | 11 | 47.4 | 46.4 | 342 | 10.52 | 0.3 | <0.1 | <0.2 | 0.2 | 49.6 | 0.04 | 0.12 | <0.02 | 590 | 1.04 |
| 2570691 | Drill Core | 5.16 | 0.06 | 9.74 | 0.38 | 40.3 | 13 | 37.5 | 48.0 | 300 | 10.78 | 0.2 | 0.1 | <0.2 | 0.2 | 85.7 | 0.03 | 0.06 | <0.02 | 630 | 1.67 |
| 2570692 | Drill Core | 6.26 | 0.05 | 11.75 | 0.46 | 36.7 | 15 | 36.7 | 51.0 | 296 | 11.79 | <0.1 | 0.1 | <0.2 | 0.2 | 117.2 | 0.04 | 0.03 | <0.02 | 724 | 1.99 |
| 2570693 | Drill Core | 6.29 | 0.08 | 54.33 | 0.49 | 34.5 | 50 | 35.4 | 48.7 | 273 | 11.08 | <0.1 | <0.1 | 0.3 | 0.2 | 89.7 | 0.03 | 0.03 | <0.02 | 679 | 1.51 |
| 2570694 | Drill Core | 6.42 | 0.05 | 56.28 | 1.09 | 46.1 | 51 | 36.1 | 48.2 | 294 | 10.45 | 0.3 | <0.1 | 1.6 | 0.2 | 97.2 | 0.04 | 0.04 | <0.02 | 601 | 1.62 |
| 2570695 | Drill Core | 5.00 | 0.06 | 68.30 | 0.52 | 44.5 | 52 | 39.4 | 48.9 | 336 | 11.54 | 0.2 | <0.1 | 0.8 | 0.2 | 77.0 | 0.03 | 0.06 | <0.02 | 640 | 1.35 |
| 2570696 | Drill Core | 2.10 | 0.06 | 24.18 | 0.64 | 56.2 | 19 | 35.2 | 46.4 | 406 | 9.81 | 0.2 | <0.1 | <0.2 | 0.2 | 95.3 | 0.04 | 0.15 | <0.02 | 489 | 1.77 |
| 2570697 | Drill Core | 4.98 | 0.03 | 14.36 | 0.42 | 42.4 | 14 | 41.5 | 39.0 | 353 | 7.31 | <0.1 | <0.1 | <0.2 | 0.1 | 55.3 | 0.02 | 0.03 | <0.02 | 384 | 0.94 |
| 2570698 | Drill Core | 6.35 | 0.05 | 27.80 | 0.49 | 43.3 | 26 | 45.0 | 40.8 | 341 | 7.82 | <0.1 | <0.1 | <0.2 | 0.1 | 80.7 | 0.03 | 0.02 | <0.02 | 414 | 1.30 |
| 2570699 | Drill Core | 1.28 | 0.09 | 15.64 | 1.19 | 49.1 | 15 | 29.4 | 34.9 | 494 | 10.50 | 0.3 | 0.2 | 1.0 | 0.4 | 130.7 | 0.06 | 0.05 | <0.02 | 514 | 2.16 |
| 2570700 | Rock | 0.86 | 0.04 | 0.76 | 0.15 | 0.9 | <2 | 0.3 | 0.2 | 19 | 0.02 | <0.1 | 1.5 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.39 |

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# CERTIFICATE OF ANALYSIS VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570681 | Drill Core | 0.066 | 1.9 | 151.0 | 2.19 | 432.3 | 0.324 | 2 | 1.77 | 0.102 | 1.11 | <0.1 | 7.9 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 8.8 | 1.11 | 0.2 |
| 2570682 | Drill Core | 0.041 | 1.8 | 154.4 | 2.09 | 294.8 | 0.366 | 2 | 1.47 | 0.101 | 0.84 | <0.1 | 11.7 | 0.12 | 0.03 | 7 | 0.2 | 0.03 | 9.0 | 1.49 | 0.2 |
| 2570683 | Drill Core | 0.014 | 1.3 | 104.3 | 1.73 | 33.9 | 0.036 | 2 | 1.06 | 0.019 | 0.26 | 0.5 | 19.8 | 0.08 | 0.86 | 29 | 0.4 | 0.07 | 6.5 | 2.15 | 0.4 |
| 2570684 | Drill Core | 0.016 | 1.2 | 213.6 | 1.41 | 114.4 | 0.236 | 2 | 0.85 | 0.093 | 0.45 | 0.4 | 13.6 | 0.08 | 0.27 | 9 | 0.2 | 0.05 | 6.3 | 1.46 | 0.2 |
| 2570685 | Drill Core | 0.017 | 1.1 | 219.1 | 1.28 | 134.5 | 0.220 | 1 | 0.82 | 0.077 | 0.48 | 0.3 | 11.6 | 0.09 | 0.32 | 7 | 0.1 | 0.03 | 6.0 | 1.51 | 0.2 |
| 2570686 | Drill Core | 0.031 | 1.2 | 97.3 | 1.76 | 374.3 | 0.335 | 1 | 1.37 | 0.092 | 0.88 | <0.1 | 10.0 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 8.2 | 0.56 | 0.3 |
| 2570687 | Drill Core | 0.026 | 1.1 | 113.1 | 1.54 | 247.3 | 0.269 | 1 | 1.16 | 0.075 | 0.62 | <0.1 | 8.5 | 0.08 | <0.02 | <5 | 0.2 | <0.02 | 7.6 | 0.58 | 0.2 |
| 2570688 | Drill Core | 0.016 | 0.8 | 178.6 | 1.83 | 356.7 | 0.312 | 1 | 1.40 | 0.088 | 0.90 | <0.1 | 9.2 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 7.9 | 0.59 | 0.3 |
| 2570689 | Drill Core | 0.049 | 1.5 | 224.0 | 1.64 | 331.4 | 0.257 | 2 | 1.29 | 0.085 | 0.82 | <0.1 | 8.4 | 0.09 | <0.02 | 8 | 0.1 | <0.02 | 7.1 | 0.70 | 0.2 |
| 2570690 | Drill Core | 0.020 | 0.9 | 116.0 | 2.07 | 391.7 | 0.365 | <1 | 1.64 | 0.097 | 1.04 | <0.1 | 9.5 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 8.9 | 0.91 | 0.3 |
| 2570691 | Drill Core | 0.229 | 4.1 | 58.9 | 1.79 | 367.4 | 0.147 | 1 | 1.40 | 0.084 | 0.82 | <0.1 | 9.0 | 0.10 | <0.02 | <5 | <0.1 | 0.03 | 8.3 | 0.50 | 0.2 |
| 2570692 | Drill Core | 0.387 | 5.7 | 60.6 | 2.10 | 482.0 | 0.104 | <1 | 1.61 | 0.101 | 1.03 | <0.1 | 10.7 | 0.11 | <0.02 | <5 | <0.1 | 0.02 | 8.2 | 0.52 | 0.2 |
| 2570693 | Drill Core | 0.272 | 4.2 | 63.7 | 2.18 | 563.7 | 0.146 | <1 | 1.65 | 0.097 | 1.15 | <0.1 | 9.5 | 0.11 | <0.02 | <5 | 0.2 | <0.02 | 8.0 | 0.59 | 0.2 |
| 2570694 | Drill Core | 0.336 | 5.3 | 61.6 | 2.21 | 567.6 | 0.104 | <1 | 1.69 | 0.081 | 1.13 | <0.1 | 7.8 | 0.11 | <0.02 | <5 | 0.2 | <0.02 | 8.6 | 0.55 | 0.3 |
| 2570695 | Drill Core | 0.197 | 3.5 | 92.3 | 1.99 | 429.5 | 0.184 | <1 | 1.54 | 0.082 | 0.97 | <0.1 | 7.8 | 0.10 | <0.02 | <5 | <0.1 | <0.02 | 8.4 | 0.56 | 0.2 |
| 2570696 | Drill Core | 0.255 | 3.8 | 62.4 | 2.03 | 275.5 | 0.139 | 1 | 1.49 | 0.044 | 0.65 | <0.1 | 6.1 | 0.08 | <0.02 | <5 | 0.2 | <0.02 | 9.2 | 0.63 | 0.2 |
| 2570697 | Drill Core | 0.096 | 1.8 | 204.3 | 2.30 | 651.4 | 0.287 | <1 | 1.79 | 0.089 | 1.29 | <0.1 | 8.0 | 0.13 | <0.02 | <5 | 0.1 | <0.02 | 6.9 | 0.66 | 0.2 |
| 2570698 | Drill Core | 0.200 | 3.8 | 152.6 | 2.45 | 786.9 | 0.175 | <1 | 1.89 | 0.092 | 1.43 | <0.1 | 7.9 | 0.14 | <0.02 | <5 | 0.2 | <0.02 | 7.4 | 0.69 | 0.3 |
| 2570699 | Drill Core | 0.227 | 7.1 | 324.9 | 1.71 | 125.3 | 0.174 | 1 | 1.64 | 0.243 | 0.48 | <0.1 | 14.3 | 0.04 | <0.02 | <5 | <0.1 | 0.03 | 9.6 | 0.35 | 0.2 |
| 2570700 | Rock | 0.005 | <0.5 | 0.7 | 1.26 | 4.2 | 0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 1.5 | <0.02 | 0.18 | <5 | <0.1 | 0.26 | <0.1 | <0.02 | <0.1 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570681 | Drill Core | 0.13 | 0.06 | 43.7 | 0.5 | <0.05 | 4.4 | 2.72 | 4.3 | <0.02 | <1 | <0.1 | 12.7 | <10 | 8 |
| 2570682 | Drill Core | 0.15 | 0.06 | 35.2 | 0.3 | <0.05 | 4.6 | 3.31 | 4.0 | <0.02 | <1 | <0.1 | 8.6 | <10 | 7 |
| 2570683 | Drill Core | <0.02 | <0.02 | 18.1 | 0.2 | <0.05 | 0.4 | 2.87 | 3.0 | 0.03 | 1 | 0.3 | 4.2 | <10 | 3 |
| 2570684 | Drill Core | 0.11 | 0.04 | 22.8 | 0.3 | <0.05 | 3.6 | 2.65 | 2.9 | 0.03 | <1 | 0.2 | 3.6 | <10 | <2 |
| 2570685 | Drill Core | 0.13 | 0.02 | 24.4 | 0.2 | <0.05 | 3.1 | 2.27 | 2.5 | <0.02 | <1 | <0.1 | 3.8 | <10 | <2 |
| 2570686 | Drill Core | 0.09 | 0.03 | 34.3 | 0.3 | <0.05 | 2.9 | 1.98 | 2.6 | 0.02 | <1 | <0.1 | 7.7 | <10 | 3 |
| 2570687 | Drill Core | 0.07 | 0.02 | 25.1 | 0.3 | <0.05 | 2.8 | 1.89 | 2.3 | <0.02 | <1 | <0.1 | 6.9 | <10 | <2 |
| 2570688 | Drill Core | 0.08 | 0.03 | 35.0 | 0.2 | <0.05 | 2.9 | 1.67 | 1.9 | <0.02 | <1 | <0.1 | 8.7 | <10 | <2 |
| 2570689 | Drill Core | 0.09 | <0.02 | 32.8 | 0.3 | <0.05 | 3.0 | 2.10 | 3.2 | <0.02 | 1 | <0.1 | 8.0 | <10 | <2 |
| 2570690 | Drill Core | 0.11 | 0.02 | 41.2 | 0.3 | <0.05 | 3.8 | 1.86 | 2.1 | <0.02 | 1 | <0.1 | 9.3 | <10 | 4 |
| 2570691 | Drill Core | 0.03 | <0.02 | 30.8 | 0.2 | <0.05 | 0.5 | 4.30 | 8.9 | <0.02 | <1 | <0.1 | 7.4 | 13 | <2 |
| 2570692 | Drill Core | <0.02 | <0.02 | 39.1 | 0.3 | <0.05 | 0.3 | 6.25 | 12.8 | 0.02 | 1 | <0.1 | 6.3 | 23 | 12 |
| 2570693 | Drill Core | <0.02 | <0.02 | 42.9 | 0.2 | <0.05 | 0.4 | 4.80 | 9.8 | <0.02 | <1 | <0.1 | 5.4 | 42 | 24 |
| 2570694 | Drill Core | <0.02 | <0.02 | 42.1 | 0.2 | <0.05 | 0.3 | 5.58 | 11.8 | <0.02 | <1 | <0.1 | 7.0 | 29 | 17 |
| 2570695 | Drill Core | <0.02 | 0.03 | 36.2 | 0.2 | <0.05 | 0.7 | 3.98 | 7.8 | <0.02 | <1 | <0.1 | 7.5 | 22 | 8 |
| 2570696 | Drill Core | <0.02 | 0.02 | 25.8 | 0.3 | <0.05 | 0.5 | 4.53 | 8.9 | <0.02 | <1 | <0.1 | 7.7 | 11 | 4 |
| 2570697 | Drill Core | 0.05 | 0.02 | 48.3 | 0.2 | <0.05 | 1.6 | 2.46 | 3.9 | <0.02 | <1 | <0.1 | 9.8 | <10 | 5 |
| 2570698 | Drill Core | <0.02 | 0.02 | 52.4 | 0.2 | <0.05 | 0.4 | 4.31 | 8.5 | <0.02 | <1 | <0.1 | 9.6 | 11 | 7 |
| 2570699 | Drill Core | 0.05 | 0.06 | 12.6 | 0.5 | <0.05 | 2.5 | 8.87 | 15.7 | 0.03 | <1 | <0.1 | 3.7 | <10 | 12 |
| 2570700 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | <0.1 | 0.75 | 0.1 | <0.02 | <1 | <0.1 | 0.3 | <10 | <2 |

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Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001611.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570517 | Drill Core | 4.17 | 1.12 | 91.70 | 3.10 | 54.2 | 88 | 16.9 | 18.1 | 423 | 3.58 | 0.4 | 0.3 | 1.5 | 0.8 | 125.3 | 0.09 | 0.11 | 0.02 | 121 | 1.59 |
| REP 2570517 | QC | | 1.05 | 95.28 | 3.05 | 54.0 | 90 | 17.8 | 18.1 | 427 | 3.61 | 0.5 | 0.3 | 1.5 | 0.8 | 126.3 | 0.11 | 0.13 | 0.02 | 122 | 1.61 |
| 2570550 | Rock Pulp | 0.11 | 222.46 | 2586.18 | 48.08 | 293.0 | 3192 | 9.6 | 18.6 | 211 | 3.28 | 24.2 | 6.1 | 276.3 | 11.6 | 50.1 | 2.31 | 6.61 | 4.46 | 42 | 0.89 |
| REP 2570550 | QC | | 224.95 | 2598.30 | 48.59 | 284.9 | 3099 | 10.0 | 18.8 | 209 | 3.33 | 24.4 | 6.3 | 450.7 | 11.6 | 51.8 | 2.35 | 6.44 | 4.52 | 42 | 0.92 |
| 2570585 | Core DUP | | 0.36 | 83.97 | 1.16 | 48.8 | 70 | 13.9 | 17.8 | 508 | 3.47 | 0.5 | 0.3 | <0.2 | 0.9 | 58.5 | 0.12 | 0.08 | <0.02 | 127 | 1.42 |
| REP 2570585 | QC | | 0.32 | 83.07 | 1.19 | 51.1 | 65 | 14.0 | 18.4 | 532 | 3.49 | 0.4 | 0.3 | <0.2 | 1.0 | 57.7 | 0.10 | 0.08 | <0.02 | 126 | 1.46 |
| 2570620 | Rock | 0.95 | 0.05 | 0.37 | 0.47 | 1.2 | <2 | 0.7 | 0.2 | 18 | 0.03 | <0.1 | 1.6 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 32.51 |
| REP 2570620 | QC | | 0.05 | 0.33 | 0.46 | 1.1 | <2 | 0.7 | <0.1 | 17 | 0.04 | <0.1 | 1.5 | 0.3 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 32.52 |
| 2570655 | Drill Core | 1.36 | 0.06 | 2855.64 | 2.52 | 58.7 | 848 | 120.0 | 125.5 | 326 | 10.88 | 8.7 | <0.1 | 11.9 | <0.1 | 61.9 | 0.22 | 0.13 | 0.07 | 566 | 0.96 |
| REP 2570655 | QC | | 0.06 | 2861.97 | 2.43 | 60.4 | 832 | 122.8 | 128.4 | 305 | 10.53 | 8.9 | <0.1 | 10.2 | <0.1 | 60.6 | 0.20 | 0.14 | 0.07 | 536 | 0.91 |
| 2570690 | Drill Core | 6.33 | 0.11 | 7.44 | 0.59 | 45.9 | 11 | 47.4 | 46.4 | 342 | 10.52 | 0.3 | <0.1 | <0.2 | 0.2 | 49.6 | 0.04 | 0.12 | <0.02 | 590 | 1.04 |
| REP 2570690 | QC | | 0.07 | 6.88 | 0.64 | 46.0 | 12 | 48.1 | 46.2 | 343 | 10.43 | 0.2 | <0.1 | <0.2 | 0.2 | 48.1 | 0.04 | 0.09 | <0.02 | 584 | 1.02 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570502 | Drill Core | 2.25 | 1.54 | 130.13 | 7.77 | 86.8 | 158 | 25.9 | 22.2 | 474 | 4.11 | 0.7 | 0.2 | 3.7 | 0.7 | 241.2 | 0.42 | 0.15 | 0.04 | 148 | 1.01 |
| DUP 2570502 | QC | | 1.57 | 126.99 | 6.44 | 87.0 | 157 | 25.4 | 21.4 | 460 | 4.07 | 1.3 | 0.2 | 7.3 | 0.6 | 256.0 | 0.36 | 0.15 | 0.03 | 146 | 0.94 |
| 2570536 | Drill Core | 5.32 | 0.84 | 87.32 | 3.46 | 44.0 | 76 | 20.2 | 18.2 | 296 | 2.96 | 0.2 | 0.3 | 0.4 | 0.8 | 138.7 | 0.10 | 0.10 | 0.04 | 95 | 1.60 |
| DUP 2570536 | QC | | 0.77 | 83.53 | 3.11 | 41.7 | 71 | 21.2 | 18.3 | 287 | 2.99 | 0.6 | 0.3 | 0.3 | 0.8 | 138.2 | 0.10 | 0.09 | 0.03 | 96 | 1.65 |
| 2570570 | Drill Core | 2.95 | 0.90 | 85.80 | 1.99 | 55.5 | 75 | 14.9 | 20.4 | 565 | 3.79 | 1.7 | 0.3 | <0.2 | 0.9 | 45.8 | 0.10 | 0.30 | 0.02 | 124 | 1.45 |
| DUP 2570570 | QC | | 0.89 | 80.02 | 2.09 | 61.2 | 69 | 14.2 | 20.7 | 563 | 3.77 | 1.7 | 0.3 | <0.2 | 1.0 | 46.8 | 0.11 | 0.27 | 0.03 | 123 | 1.46 |
| 2570604 | Drill Core | 1.90 | 1.11 | 111.12 | 2.02 | 28.8 | 152 | 30.2 | 24.4 | 396 | 3.51 | 0.8 | 0.3 | 2.8 | 0.8 | 161.4 | 0.06 | 0.54 | 0.16 | 103 | 1.85 |
| DUP 2570604 | QC | | 1.11 | 112.11 | 1.97 | 27.1 | 151 | 30.6 | 25.7 | 395 | 3.44 | 0.8 | 0.3 | 2.8 | 0.7 | 164.5 | 0.06 | 0.54 | 0.14 | 104 | 1.80 |
| 2570638 | Drill Core | 2.45 | 2.07 | 120.34 | 5.23 | 55.6 | 80 | 10.7 | 19.5 | 484 | 4.22 | 1.8 | 0.5 | 2.3 | 2.0 | 83.0 | 0.11 | 0.19 | <0.02 | 184 | 1.36 |
| DUP 2570638 | QC | | 2.09 | 126.16 | 6.17 | 56.9 | 83 | 11.2 | 20.5 | 485 | 4.67 | 2.0 | 0.6 | 2.8 | 2.3 | 84.1 | 0.11 | 0.21 | 0.02 | 196 | 1.49 |
| 2570672 | Drill Core | 2.08 | 0.13 | 8.95 | 1.10 | 52.7 | 18 | 47.4 | 36.2 | 410 | 9.10 | 0.6 | 0.1 | 0.2 | 0.2 | 61.9 | 0.02 | 0.32 | <0.02 | 450 | 1.44 |
| DUP 2570672 | QC | | 0.10 | 9.03 | 1.10 | 52.9 | 18 | 47.9 | 36.6 | 416 | 9.53 | 0.6 | 0.1 | <0.2 | 0.3 | 64.0 | 0.03 | 0.32 | <0.02 | 476 | 1.56 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 14.95 | 156.27 | 143.46 | 373.3 | 1879 | 75.9 | 13.3 | 867 | 2.80 | 45.0 | 2.7 | 70.9 | 7.4 | 69.5 | 2.55 | 8.59 | 12.35 | 44 | 1.08 |
| STD DS10 | Standard | | 15.10 | 159.68 | 147.28 | 350.7 | 1860 | 75.0 | 12.4 | 870 | 2.77 | 43.6 | 2.8 | 135.1 | 7.8 | 71.8 | 2.52 | 8.79 | 12.63 | 43 | 1.07 |

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Project: TRX16-01

Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570517 | Drill Core | 0.152 | 2.9 | 40.0 | 1.45 | 402.0 | 0.237 | 2 | 2.37 | 0.202 | 0.75 | 0.1 | 6.1 | 0.16 | 0.04 | <5 | 0.2 | 0.05 | 7.5 | 1.46 | 0.2 |
| REP 2570517 | QC | 0.151 | 3.1 | 40.8 | 1.47 | 389.4 | 0.236 | 3 | 2.38 | 0.203 | 0.75 | 0.1 | 5.6 | 0.17 | 0.04 | <5 | 0.2 | <0.02 | 7.7 | 1.52 | 0.2 |
| 2570550 | Rock Pulp | 0.050 | 23.2 | 66.7 | 0.64 | 55.7 | 0.043 | <1 | 1.27 | 0.033 | 0.54 | 3.4 | 4.8 | 0.40 | 1.94 | 66 | 2.8 | 0.30 | 3.6 | 2.13 | 0.1 |
| REP 2570550 | QC | 0.049 | 23.3 | 68.9 | 0.65 | 52.3 | 0.043 | 1 | 1.28 | 0.034 | 0.55 | 3.4 | 5.0 | 0.38 | 2.00 | 57 | 3.1 | 0.35 | 3.7 | 2.14 | 0.1 |
| 2570585 | Core DUP | 0.148 | 4.4 | 29.2 | 1.29 | 298.1 | 0.251 | <1 | 1.90 | 0.175 | 0.92 | <0.1 | 5.4 | 0.19 | 0.04 | <5 | <0.1 | <0.02 | 5.9 | 1.05 | 0.1 |
| REP 2570585 | QC | 0.151 | 4.2 | 31.2 | 1.30 | 288.5 | 0.252 | <1 | 1.92 | 0.181 | 0.93 | <0.1 | 5.4 | 0.19 | 0.04 | <5 | <0.1 | <0.02 | 5.8 | 1.07 | 0.2 |
| 2570620 | Rock | 0.004 | <0.5 | 0.6 | 1.23 | 10.2 | <0.001 | <1 | 0.03 | 0.003 | <0.01 | <0.1 | 0.2 | <0.02 | 0.03 | <5 | <0.1 | 0.28 | <0.1 | <0.02 | <0.1 |
| REP 2570620 | QC | 0.004 | <0.5 | 0.6 | 1.22 | 8.9 | <0.001 | <1 | 0.03 | 0.003 | <0.01 | <0.1 | 0.2 | <0.02 | 0.02 | <5 | <0.1 | 0.32 | <0.1 | <0.02 | <0.1 |
| 2570655 | Drill Core | 0.304 | 2.9 | 80.0 | 4.48 | 57.6 | 0.463 | <1 | 3.64 | 0.136 | 2.98 | <0.1 | 8.0 | 0.30 | 1.82 | 6 | 4.1 | 0.05 | 12.9 | 1.86 | 0.2 |
| REP 2570655 | QC | 0.327 | 3.0 | 76.7 | 4.48 | 64.1 | 0.468 | <1 | 3.61 | 0.135 | 2.97 | <0.1 | 8.2 | 0.30 | 1.75 | 9 | 3.9 | 0.06 | 12.4 | 1.88 | 0.2 |
| 2570690 | Drill Core | 0.020 | 0.9 | 116.0 | 2.07 | 391.7 | 0.365 | <1 | 1.64 | 0.097 | 1.04 | <0.1 | 9.5 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 8.9 | 0.91 | 0.3 |
| REP 2570690 | QC | 0.022 | 0.9 | 117.8 | 2.06 | 393.8 | 0.364 | 2 | 1.64 | 0.095 | 1.04 | <0.1 | 10.2 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 9.1 | 0.88 | 0.2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570502 | Drill Core | 0.140 | 2.4 | 62.3 | 2.20 | 962.0 | 0.339 | 1 | 2.90 | 0.152 | 1.64 | 0.1 | 3.7 | 0.37 | 0.07 | 9 | 0.1 | 0.05 | 8.6 | 3.68 | 0.1 |
| DUP 2570502 | QC | 0.143 | 2.0 | 59.6 | 2.21 | 960.1 | 0.327 | 1 | 2.86 | 0.130 | 1.65 | 0.1 | 3.4 | 0.36 | 0.07 | <5 | 0.2 | 0.04 | 8.6 | 3.58 | 0.2 |
| 2570536 | Drill Core | 0.140 | 3.6 | 38.6 | 1.40 | 465.5 | 0.220 | 2 | 2.59 | 0.244 | 0.66 | 0.1 | 5.1 | 0.17 | 0.09 | <5 | <0.1 | <0.02 | 7.3 | 1.20 | 0.1 |
| DUP 2570536 | QC | 0.135 | 3.4 | 37.8 | 1.39 | 442.4 | 0.223 | 1 | 2.56 | 0.250 | 0.67 | 0.1 | 5.7 | 0.16 | 0.10 | <5 | <0.1 | 0.03 | 7.3 | 1.14 | 0.2 |
| 2570570 | Drill Core | 0.164 | 3.6 | 28.0 | 1.44 | 218.4 | 0.241 | 2 | 2.04 | 0.122 | 0.69 | <0.1 | 4.8 | 0.13 | 0.14 | 11 | <0.1 | <0.02 | 7.0 | 1.18 | 0.1 |
| DUP 2570570 | QC | 0.163 | 3.5 | 27.8 | 1.45 | 223.3 | 0.241 | <1 | 2.10 | 0.127 | 0.69 | <0.1 | 4.8 | 0.14 | 0.13 | 6 | <0.1 | <0.02 | 6.7 | 1.23 | 0.1 |
| 2570604 | Drill Core | 0.152 | 4.2 | 41.4 | 1.10 | 162.6 | 0.222 | 2 | 2.52 | 0.339 | 0.59 | 0.1 | 5.5 | 0.20 | 0.76 | 7 | 1.7 | 0.07 | 6.7 | 1.38 | <0.1 |
| DUP 2570604 | QC | 0.149 | 4.2 | 40.3 | 1.09 | 160.4 | 0.219 | 2 | 2.51 | 0.328 | 0.58 | 0.1 | 5.2 | 0.20 | 0.75 | 7 | 1.6 | 0.06 | 6.6 | 1.37 | <0.1 |
| 2570638 | Drill Core | 0.162 | 13.9 | 17.2 | 0.92 | 99.7 | 0.215 | 3 | 1.22 | 0.093 | 0.72 | 0.1 | 4.0 | 0.12 | 0.07 | <5 | 0.2 | <0.02 | 7.7 | 1.47 | 0.1 |
| DUP 2570638 | QC | 0.177 | 14.7 | 18.6 | 0.97 | 107.4 | 0.239 | 3 | 1.29 | 0.101 | 0.77 | <0.1 | 4.3 | 0.14 | 0.07 | <5 | 0.2 | <0.02 | 7.2 | 1.57 | 0.2 |
| 2570672 | Drill Core | 0.029 | 1.8 | 183.2 | 1.54 | 205.9 | 0.314 | 2 | 1.28 | 0.097 | 0.48 | <0.1 | 8.1 | 0.07 | 0.03 | 7 | <0.1 | <0.02 | 8.1 | 0.51 | 0.2 |
| DUP 2570672 | QC | 0.028 | 1.9 | 191.1 | 1.58 | 206.3 | 0.328 | 1 | 1.30 | 0.107 | 0.49 | <0.1 | 8.5 | 0.06 | 0.03 | <5 | <0.1 | <0.02 | 8.2 | 0.50 | 0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.073 | 17.8 | 55.4 | 0.78 | 323.6 | 0.084 | 6 | 1.06 | 0.072 | 0.33 | 3.0 | 3.0 | 4.89 | 0.28 | 298 | 2.0 | 5.04 | 4.2 | 2.55 | 0.1 |
| STD DS10 | Standard | 0.070 | 18.4 | 53.8 | 0.77 | 345.1 | 0.079 | 6 | 1.05 | 0.072 | 0.33 | 3.2 | 2.9 | 5.02 | 0.28 | 288 | 2.5 | 4.69 | 4.5 | 2.58 | 0.1 |

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Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT    VAN16001611.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 2570517 | Drill Core | 0.11 | 0.11 | 19.2 | 0.3 | <0.05 | 1.7 | 7.72 | 6.6 | <0.02 | <1 | 0.1 | 13.9 | <10 | <2 |
| REP 2570517 | QC | 0.09 | 0.10 | 19.1 | 0.3 | <0.05 | 1.6 | 7.93 | 7.1 | <0.02 | <1 | 0.1 | 15.4 | <10 | <2 |
| 2570550 | Rock Pulp | 0.10 | 0.05 | 35.2 | 1.3 | <0.05 | 3.6 | 8.79 | 38.8 | 0.08 | 42 | 0.7 | 5.5 | <10 | <2 |
| REP 2570550 | QC | 0.11 | 0.05 | 36.1 | 1.3 | <0.05 | 3.4 | 9.08 | 38.8 | 0.07 | 41 | 0.8 | 5.5 | <10 | <2 |
| 2570585 | Core DUP | 0.09 | 0.04 | 30.2 | 0.3 | <0.05 | 1.8 | 7.12 | 8.8 | <0.02 | <1 | 0.2 | 12.8 | <10 | 2 |
| REP 2570585 | QC | 0.07 | 0.05 | 30.5 | 0.3 | <0.05 | 1.7 | 7.42 | 8.7 | <0.02 | <1 | 0.2 | 12.8 | <10 | <2 |
| 2570620 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.18 | 0.2 | <0.02 | <1 | <0.1 | 0.3 | <10 | <2 |
| REP 2570620 | QC | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.18 | 0.1 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2570655 | Drill Core | 0.03 | 0.06 | 109.6 | 0.2 | <0.05 | 0.9 | 4.48 | 8.2 | 0.03 | 1 | <0.1 | 18.0 | 98 | 34 |
| REP 2570655 | QC | <0.02 | 0.05 | 110.0 | 0.2 | <0.05 | 0.8 | 4.41 | 8.3 | 0.03 | 1 | <0.1 | 16.9 | 99 | 33 |
| 2570690 | Drill Core | 0.11 | 0.02 | 41.2 | 0.3 | <0.05 | 3.8 | 1.86 | 2.1 | <0.02 | 1 | <0.1 | 9.3 | <10 | 4 |
| REP 2570690 | QC | 0.09 | 0.03 | 41.8 | 0.3 | <0.05 | 3.6 | 1.88 | 2.1 | <0.02 | <1 | <0.1 | 8.5 | <10 | <2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2570502 | Drill Core | 0.04 | 0.04 | 41.3 | 0.8 | <0.05 | 1.1 | 5.52 | 5.2 | <0.02 | 2 | <0.1 | 14.5 | <10 | <2 |
| DUP 2570502 | QC | 0.07 | 0.04 | 41.2 | 0.3 | <0.05 | 1.0 | 5.14 | 4.5 | <0.02 | 1 | <0.1 | 15.4 | <10 | <2 |
| 2570536 | Drill Core | 0.08 | 0.11 | 16.6 | 0.3 | <0.05 | 1.5 | 6.43 | 7.8 | <0.02 | <1 | <0.1 | 17.8 | <10 | 2 |
| DUP 2570536 | QC | 0.08 | 0.12 | 15.8 | 0.3 | <0.05 | 1.5 | 6.45 | 7.7 | <0.02 | 2 | 0.1 | 17.8 | <10 | <2 |
| 2570570 | Drill Core | 0.10 | 0.05 | 20.0 | 0.3 | <0.05 | 1.9 | 7.43 | 7.6 | <0.02 | 1 | 0.3 | 14.7 | <10 | <2 |
| DUP 2570570 | QC | 0.07 | 0.05 | 20.8 | 0.3 | <0.05 | 1.9 | 7.35 | 7.6 | <0.02 | 1 | <0.1 | 14.3 | <10 | <2 |
| 2570604 | Drill Core | 0.14 | 0.11 | 15.2 | 0.3 | <0.05 | 2.7 | 7.04 | 9.1 | 0.02 | 11 | 0.2 | 15.0 | <10 | 2 |
| DUP 2570604 | QC | 0.10 | 0.11 | 15.0 | 0.4 | <0.05 | 1.8 | 6.99 | 9.3 | <0.02 | 15 | 0.2 | 15.1 | <10 | <2 |
| 2570638 | Drill Core | 0.11 | 0.13 | 41.0 | 0.5 | <0.05 | 3.7 | 8.82 | 25.6 | <0.02 | <1 | 0.2 | 10.7 | <10 | 5 |
| DUP 2570638 | QC | 0.18 | 0.15 | 42.7 | 0.5 | <0.05 | 4.7 | 9.08 | 27.0 | 0.02 | 1 | 0.2 | 11.7 | <10 | 4 |
| 2570672 | Drill Core | 0.20 | 0.09 | 17.8 | 0.4 | <0.05 | 5.7 | 3.38 | 4.3 | <0.02 | <1 | <0.1 | 6.7 | 32 | 30 |
| DUP 2570672 | QC | 0.18 | 0.09 | 17.0 | 0.4 | <0.05 | 5.9 | 3.59 | 4.6 | <0.02 | <1 | <0.1 | 6.4 | 15 | 26 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.06 | 1.36 | 27.3 | 1.7 | <0.05 | 2.6 | 7.91 | 34.7 | 0.24 | 45 | 1.0 | 18.4 | 120 | 186 |
| STD DS10 | Standard | 0.04 | 1.54 | 27.5 | 1.7 | <0.05 | 2.7 | 7.95 | 36.3 | 0.26 | 48 | 0.5 | 19.6 | 98 | 180 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001611.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| STD DS10 | Standard | | 14.58 | 156.93 | 142.83 | 362.2 | 1803 | 75.0 | 14.1 | 852 | 2.78 | 43.0 | 2.5 | 71.3 | 7.1 | 68.9 | 2.47 | 8.55 | 12.43 | 44 | 1.07 |
| STD DS10 | Standard | | 15.57 | 155.72 | 147.39 | 346.0 | 1819 | 76.7 | 13.7 | 853 | 2.67 | 45.5 | 2.7 | 71.1 | 7.8 | 66.7 | 2.68 | 8.49 | 12.48 | 44 | 1.04 |
| STD DS10 | Standard | | 16.07 | 167.89 | 161.45 | 374.8 | 1913 | 79.0 | 13.8 | 889 | 2.86 | 48.5 | 2.8 | 69.6 | 7.9 | 69.0 | 2.81 | 8.55 | 13.43 | 46 | 1.11 |
| STD DS10 | Standard | | 15.23 | 156.42 | 154.83 | 357.2 | 1835 | 74.5 | 13.6 | 872 | 2.77 | 45.3 | 2.7 | 102.4 | 7.7 | 64.0 | 2.66 | 8.35 | 12.09 | 45 | 1.09 |
| STD OXC129 | Standard | | 1.23 | 26.26 | 6.12 | 38.5 | 17 | 77.4 | 19.0 | 417 | 3.06 | 0.1 | 0.7 | 182.5 | 1.8 | 189.0 | 0.05 | 0.02 | <0.02 | 53 | 0.66 |
| STD OXC129 | Standard | | 1.11 | 27.48 | 5.90 | 41.3 | 22 | 78.7 | 19.6 | 413 | 3.04 | 0.6 | 0.6 | 176.2 | 1.7 | 187.1 | 0.04 | 0.03 | <0.02 | 51 | 0.68 |
| STD OXC129 | Standard | | 1.35 | 28.26 | 6.65 | 40.0 | 15 | 82.1 | 20.3 | 423 | 3.02 | 0.4 | 0.7 | 194.7 | 1.9 | 194.5 | 0.05 | 0.02 | <0.02 | 52 | 0.63 |
| STD OXC129 | Standard | | 1.31 | 27.69 | 6.64 | 38.6 | 17 | 81.8 | 20.8 | 402 | 2.99 | 0.8 | 0.7 | 201.1 | 1.9 | 185.6 | 0.03 | 0.03 | <0.02 | 53 | 0.66 |
| STD OXC129 | Standard | | 1.37 | 28.54 | 6.76 | 37.9 | 13 | 80.9 | 21.4 | 410 | 3.16 | 0.6 | 0.7 | 199.1 | 1.8 | 180.6 | 0.02 | 0.04 | <0.02 | 55 | 0.65 |
| STD OXC129 | Standard | | 1.31 | 27.92 | 6.64 | 38.3 | 20 | 82.4 | 21.5 | 422 | 3.09 | 0.3 | 0.7 | 189.5 | 1.9 | 184.5 | 0.03 | 0.03 | <0.02 | 55 | 0.66 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | 3 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.03 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | 4 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.32 | 4.55 | 5.30 | 43.9 | 18 | 1.7 | 3.8 | 520 | 1.84 | 0.9 | 0.5 | 1.8 | 2.4 | 22.6 | 0.16 | 0.12 | 0.03 | 22 | 0.67 |
| ROCK-VAN | Prep Blank | | 1.34 | 4.73 | 6.97 | 48.8 | 25 | 1.7 | 3.8 | 512 | 1.83 | 1.2 | 0.5 | <0.2 | 2.4 | 22.5 | 0.14 | 0.15 | 0.02 | 23 | 0.73 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001611.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| STD DS10 | Standard | 0.069 | 16.8 | 55.6 | 0.77 | 333.3 | 0.079 | 5 | 1.04 | 0.072 | 0.33 | 2.9 | 2.7 | 4.85 | 0.28 | 237 | 2.2 | 4.66 | 4.0 | 2.49 | <0.1 |
| STD DS10 | Standard | 0.072 | 18.0 | 57.0 | 0.77 | 353.5 | 0.083 | 7 | 1.05 | 0.072 | 0.33 | 3.1 | 2.7 | 5.22 | 0.27 | 283 | 2.1 | 4.97 | 4.5 | 2.68 | <0.1 |
| STD DS10 | Standard | 0.084 | 18.4 | 58.5 | 0.80 | 351.4 | 0.085 | 8 | 1.07 | 0.074 | 0.34 | 3.3 | 3.0 | 5.59 | 0.28 | 301 | 2.3 | 5.10 | 4.7 | 2.74 | <0.1 |
| STD DS10 | Standard | 0.074 | 17.5 | 59.9 | 0.78 | 349.6 | 0.083 | 6 | 1.05 | 0.073 | 0.34 | 3.3 | 2.7 | 5.20 | 0.29 | 293 | 2.2 | 4.78 | 4.2 | 2.69 | 0.1 |
| STD OXC129 | Standard | 0.097 | 12.5 | 50.6 | 1.54 | 47.6 | 0.396 | 2 | 1.55 | 0.587 | 0.36 | <0.1 | 1.0 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.16 | 0.1 |
| STD OXC129 | Standard | 0.096 | 12.1 | 51.5 | 1.54 | 44.5 | 0.390 | <1 | 1.57 | 0.593 | 0.36 | <0.1 | 0.8 | 0.03 | <0.02 | <5 | 0.2 | <0.02 | 5.1 | 0.15 | 0.1 |
| STD OXC129 | Standard | 0.095 | 13.1 | 53.3 | 1.55 | 48.9 | 0.413 | 1 | 1.55 | 0.592 | 0.35 | <0.1 | 0.9 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.097 | 12.8 | 53.4 | 1.54 | 50.2 | 0.398 | 1 | 1.53 | 0.584 | 0.36 | <0.1 | 0.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.8 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.107 | 12.4 | 53.5 | 1.58 | 49.3 | 0.401 | 1 | 1.54 | 0.598 | 0.37 | <0.1 | 0.6 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.102 | 12.7 | 56.6 | 1.58 | 51.5 | 0.427 | <1 | 1.59 | 0.609 | 0.37 | <0.1 | 0.7 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.16 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | 0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.040 | 6.1 | 3.9 | 0.46 | 97.7 | 0.072 | 3 | 0.86 | 0.084 | 0.09 | 0.1 | 3.1 | 0.02 | 0.02 | <5 | 0.1 | 0.02 | 4.0 | 0.25 | <0.1 |
| ROCK-VAN | Prep Blank | 0.039 | 6.0 | 3.8 | 0.43 | 105.0 | 0.071 | 5 | 0.89 | 0.097 | 0.10 | <0.1 | 2.9 | 0.03 | 0.03 | 13 | 0.1 | <0.02 | 3.7 | 0.22 | <0.1 |

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Project: TRX16-01

Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001611.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| STD DS10 | Standard | 0.08 | 1.46 | 27.1 | 1.6 | <0.05 | 2.5 | 7.44 | 35.0 | 0.20 | 40 | 0.6 | 17.7 | 102 | 168 |
| STD DS10 | Standard | 0.07 | 1.52 | 27.8 | 1.6 | <0.05 | 2.7 | 7.82 | 35.7 | 0.23 | 49 | 0.8 | 19.0 | 98 | 196 |
| STD DS10 | Standard | 0.07 | 1.43 | 28.8 | 1.6 | <0.05 | 2.8 | 8.10 | 35.3 | 0.27 | 49 | 0.8 | 20.7 | 98 | 188 |
| STD DS10 | Standard | 0.05 | 1.56 | 28.1 | 1.6 | <0.05 | 2.8 | 7.72 | 35.4 | 0.26 | 50 | 0.8 | 19.6 | 105 | 181 |
| STD OXC129 | Standard | 0.24 | 1.13 | 14.5 | 0.7 | <0.05 | 18.9 | 4.41 | 22.4 | <0.02 | <1 | 0.9 | 2.2 | <10 | <2 |
| STD OXC129 | Standard | 0.22 | 0.90 | 14.1 | 0.7 | <0.05 | 21.0 | 4.38 | 21.4 | <0.02 | <1 | 0.5 | 1.8 | <10 | <2 |
| STD OXC129 | Standard | 0.27 | 1.31 | 15.2 | 0.8 | <0.05 | 20.2 | 4.80 | 22.9 | <0.02 | <1 | 1.0 | 1.8 | <10 | <2 |
| STD OXC129 | Standard | 0.25 | 1.21 | 15.5 | 0.7 | <0.05 | 21.4 | 4.53 | 22.8 | <0.02 | <1 | 0.8 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.28 | 1.04 | 15.0 | 0.7 | <0.05 | 19.6 | 4.53 | 22.6 | <0.02 | <1 | 0.8 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.29 | 1.14 | 15.6 | 0.7 | <0.05 | 21.5 | 4.66 | 22.8 | <0.02 | <1 | 0.8 | 2.4 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.15 | 0.17 | 2.7 | 0.5 | <0.05 | 3.6 | 8.42 | 11.8 | 0.02 | <1 | 0.1 | 1.8 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.13 | 0.18 | 2.8 | 0.4 | <0.05 | 3.7 | 8.00 | 11.6 | <0.02 | <1 | <0.1 | 1.6 | <10 | <2 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 12, 2016 |
| Report Date: | September 22, 2016 |
| Page: | 1 of 8 |

# CERTIFICATE OF ANALYSIS VAN16001612.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01-1 |
| P.O. Number | TRX16_01-1 |
| Number of Samples: | 197 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 187 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| PUL85 | 5 | Pulverize to 85% passing 200 mesh | | | VAN |
| SPTRF | 5 | Split samples by riffle splitter | | | VAN |
| AQ251_EXT | 197 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 197 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 187 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570701 | Drill Core | 4.63 | 0.32 | 79.60 | 15.81 | 62.0 | 89 | 54.1 | 48.9 | 372 | 8.99 | 1.4 | <0.1 | 2.1 | 0.2 | 82.1 | 0.08 | 0.25 | <0.02 | 482 | 1.28 |
| 2570702 | Drill Core | 6.32 | 0.12 | 29.11 | 5.32 | 47.2 | 32 | 46.4 | 46.0 | 326 | 9.17 | 0.8 | <0.1 | <0.2 | 0.2 | 83.5 | 0.02 | 0.08 | <0.02 | 521 | 1.57 |
| 2570703 | Drill Core | 6.31 | 0.06 | 254.86 | 7.18 | 60.2 | 156 | 52.4 | 46.9 | 369 | 6.96 | 0.6 | <0.1 | 6.5 | 0.1 | 70.0 | 0.06 | 0.06 | 0.03 | 365 | 0.97 |
| 2570704 | Drill Core | 5.75 | 0.17 | 25.86 | 4.79 | 48.5 | 29 | 46.3 | 44.8 | 341 | 8.58 | 0.8 | 0.2 | <0.2 | 0.4 | 81.3 | 0.02 | 0.15 | <0.02 | 467 | 1.54 |
| 2570705 | Core DUP | | 0.11 | 24.07 | 4.08 | 49.1 | 25 | 47.1 | 46.0 | 361 | 8.85 | 0.8 | 0.2 | <0.2 | 0.3 | 82.8 | 0.03 | 0.12 | <0.02 | 480 | 1.55 |
| 2570706 | Drill Core | 6.32 | 0.11 | 40.38 | 2.75 | 40.9 | 41 | 38.3 | 39.1 | 304 | 8.00 | 0.6 | 0.4 | <0.2 | 0.8 | 76.9 | 0.04 | 0.13 | <0.02 | 443 | 1.58 |
| 2570707 | Drill Core | 3.26 | 0.10 | 13.75 | 5.48 | 45.5 | 23 | 40.1 | 43.0 | 281 | 8.67 | 0.9 | 0.4 | 0.5 | 0.8 | 75.0 | 0.03 | 0.17 | <0.02 | 489 | 1.48 |
| 2570708 | Drill Core | 2.93 | 0.11 | 27.01 | 1.63 | 38.6 | 23 | 38.2 | 38.6 | 277 | 8.35 | 0.8 | 0.2 | <0.2 | 0.4 | 74.8 | 0.04 | 0.14 | <0.02 | 484 | 1.45 |
| 2570709 | Drill Core | 4.60 | 0.12 | 33.34 | 4.77 | 51.0 | 39 | 68.9 | 65.0 | 281 | 12.70 | 0.9 | <0.1 | 0.9 | 0.2 | 86.0 | <0.01 | 0.08 | <0.02 | 737 | 1.43 |
| 2570710 | Rock Pulp | 0.05 | 227.22 | 2614.41 | 49.07 | 306.4 | 3092 | 10.4 | 19.5 | 218 | 3.32 | 25.3 | 6.1 | 284.5 | 12.4 | 50.6 | 2.52 | 7.00 | 4.32 | 43 | 0.92 |
| 2570711 | Drill Core | 2.81 | 0.12 | 12.29 | 12.80 | 63.2 | 31 | 40.7 | 41.2 | 617 | 8.47 | 2.5 | <0.1 | 0.6 | 0.2 | 263.7 | 0.17 | 0.37 | <0.02 | 486 | 7.30 |
| 2570712 | Drill Core | 3.05 | 0.14 | 13.24 | 1.96 | 35.1 | 14 | 33.1 | 42.1 | 322 | 10.58 | 1.0 | 0.1 | 0.4 | 0.3 | 105.6 | 0.03 | 0.13 | <0.02 | 655 | 2.08 |
| 2570713 | Drill Core | 4.84 | 0.15 | 18.56 | 1.73 | 33.3 | 19 | 29.8 | 37.8 | 274 | 9.70 | 1.9 | 0.1 | 0.4 | 0.3 | 110.8 | 0.06 | 0.18 | <0.02 | 583 | 2.28 |
| 2570714 | Drill Core | 2.69 | 0.14 | 35.38 | 20.65 | 35.1 | 81 | 29.6 | 32.7 | 716 | 8.49 | 5.3 | 0.1 | <0.2 | 0.3 | 281.5 | 0.13 | 0.23 | 0.07 | 493 | 7.76 |
| 2570715 | Drill Core | 5.77 | 0.12 | 103.67 | 1.21 | 54.9 | 39 | 73.5 | 49.9 | 386 | 5.61 | 0.6 | <0.1 | 1.4 | <0.1 | 51.2 | 0.02 | 0.11 | <0.02 | 313 | 0.63 |
| 2570716 | Drill Core | 6.06 | 0.12 | 38.79 | 3.00 | 53.4 | 33 | 73.2 | 44.9 | 411 | 5.35 | 0.9 | 0.3 | 0.4 | 0.7 | 58.6 | 0.02 | 0.20 | <0.02 | 273 | 0.86 |
| 2570717 | Drill Core | 5.75 | 0.12 | 181.78 | 3.63 | 52.5 | 148 | 49.1 | 46.5 | 351 | 8.96 | 2.1 | 0.3 | 1.8 | 0.7 | 92.2 | 0.09 | 0.29 | 0.03 | 501 | 1.78 |
| 2570718 | Drill Core | 1.85 | 1.08 | 13.47 | 2.14 | 44.9 | 17 | 44.3 | 32.6 | 360 | 4.77 | 1.0 | 2.0 | <0.2 | 5.1 | 47.9 | 0.02 | 0.42 | 0.03 | 244 | 1.05 |
| 2570719 | Drill Core | 5.82 | 0.16 | 628.89 | 2.97 | 46.0 | 145 | 83.0 | 59.4 | 326 | 8.39 | 3.3 | <0.1 | 1.9 | 0.1 | 70.0 | 0.06 | 0.12 | <0.02 | 510 | 1.48 |
| 2570720 | Drill Core | 2.91 | 0.14 | 281.58 | 1.65 | 55.6 | 48 | 69.9 | 55.0 | 354 | 8.00 | 1.8 | <0.1 | <0.2 | 0.1 | 72.7 | 0.03 | 0.08 | <0.02 | 466 | 1.19 |
| 2570721 | Drill Core | 3.64 | 0.08 | 203.14 | 0.57 | 56.4 | 31 | 74.1 | 58.7 | 377 | 6.53 | 0.6 | <0.1 | 0.9 | <0.1 | 64.4 | 0.03 | 0.03 | <0.02 | 362 | 0.59 |
| 2570722 | Drill Core | 2.70 | 0.09 | 211.31 | 0.96 | 68.1 | 31 | 93.9 | 70.4 | 480 | 7.19 | 0.4 | <0.1 | <0.2 | <0.1 | 79.6 | 0.03 | <0.02 | <0.02 | 383 | 0.51 |
| 2570723 | Drill Core | 5.96 | 0.11 | 219.50 | 1.77 | 60.3 | 40 | 76.2 | 66.4 | 408 | 8.17 | 0.3 | <0.1 | 0.9 | <0.1 | 76.1 | 0.03 | 0.02 | <0.02 | 464 | 0.84 |
| 2570724 | Drill Core | 2.16 | 0.18 | 342.89 | 0.80 | 59.7 | 63 | 75.6 | 70.1 | 406 | 9.84 | 0.4 | <0.1 | 0.5 | 0.1 | 87.8 | 0.04 | 0.02 | <0.02 | 540 | 1.12 |
| 2570725 | Drill Core | 2.08 | 0.17 | 360.35 | 2.09 | 58.5 | 67 | 74.8 | 69.9 | 414 | 9.52 | 0.5 | <0.1 | 0.6 | 0.1 | 83.2 | 0.06 | 0.03 | <0.02 | 515 | 1.05 |
| 2570726 | Drill Core | 3.76 | 0.12 | 174.78 | 0.57 | 61.5 | 32 | 73.7 | 61.2 | 398 | 8.03 | 0.1 | <0.1 | 1.0 | <0.1 | 68.4 | 0.03 | 0.04 | <0.02 | 435 | 0.83 |
| 2570727 | Drill Core | 1.30 | 0.12 | 44.58 | 2.46 | 63.8 | 16 | 34.8 | 38.2 | 445 | 8.63 | 0.8 | 0.2 | <0.2 | 0.3 | 90.2 | 0.03 | 0.05 | <0.02 | 453 | 1.56 |
| 2570728 | Drill Core | 5.19 | 0.13 | 183.31 | 0.70 | 61.4 | 37 | 72.7 | 63.3 | 411 | 8.31 | <0.1 | <0.1 | 1.2 | 0.1 | 82.4 | 0.04 | 0.04 | <0.02 | 468 | 1.16 |
| 2570729 | Drill Core | 2.54 | 0.12 | 1746.34 | 1.02 | 46.6 | 338 | 130.0 | 115.5 | 290 | 7.56 | 9.7 | <0.1 | 5.1 | <0.1 | 63.3 | 0.11 | 0.19 | <0.02 | 318 | 1.18 |
| 2570730 | Drill Core | 4.93 | 0.15 | 316.54 | 1.92 | 50.1 | 52 | 58.0 | 49.2 | 312 | 7.57 | <0.1 | <0.1 | 0.4 | 0.2 | 84.7 | 0.06 | 0.09 | <0.02 | 423 | 1.78 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570701 | Drill Core | 0.243 | 4.7 | 216.3 | 2.64 | 773.4 | 0.187 | <1 | 2.02 | 0.081 | 1.48 | <0.1 | 7.9 | 0.18 | <0.02 | 17 | 0.2 | <0.02 | 7.7 | 1.02 | <0.1 |
| 2570702 | Drill Core | 0.282 | 4.5 | 123.8 | 2.20 | 643.9 | 0.147 | <1 | 1.68 | 0.082 | 1.14 | <0.1 | 8.2 | 0.12 | <0.02 | 7 | 0.2 | <0.02 | 7.2 | 0.64 | 0.1 |
| 2570703 | Drill Core | 0.209 | 3.4 | 141.6 | 3.03 | 1039.0 | 0.244 | <1 | 2.35 | 0.083 | 1.86 | <0.1 | 6.5 | 0.18 | 0.02 | 5 | 0.3 | <0.02 | 7.2 | 0.98 | 0.1 |
| 2570704 | Drill Core | 0.238 | 4.3 | 125.4 | 2.46 | 715.4 | 0.160 | <1 | 1.85 | 0.079 | 1.30 | <0.1 | 8.1 | 0.13 | <0.02 | <5 | <0.1 | <0.02 | 7.6 | 1.23 | 0.2 |
| 2570705 | Core DUP | 0.226 | 4.4 | 127.5 | 2.61 | 744.5 | 0.160 | 1 | 1.94 | 0.079 | 1.35 | <0.1 | 7.8 | 0.13 | <0.02 | <5 | <0.1 | <0.02 | 7.4 | 1.26 | 0.2 |
| 2570706 | Drill Core | 0.210 | 4.1 | 134.3 | 2.05 | 533.1 | 0.137 | 2 | 1.48 | 0.088 | 1.02 | <0.1 | 8.6 | 0.10 | <0.02 | 7 | 0.2 | <0.02 | 6.5 | 0.87 | 0.1 |
| 2570707 | Drill Core | 0.237 | 4.5 | 117.6 | 1.97 | 511.3 | 0.130 | 1 | 1.41 | 0.075 | 0.96 | <0.1 | 8.1 | 0.10 | <0.02 | <5 | 0.1 | <0.02 | 7.3 | 1.17 | 0.1 |
| 2570708 | Drill Core | 0.202 | 3.9 | 114.3 | 1.97 | 492.7 | 0.133 | 2 | 1.39 | 0.078 | 0.99 | <0.1 | 8.3 | 0.12 | <0.02 | <5 | 0.1 | <0.02 | 6.5 | 1.36 | <0.1 |
| 2570709 | Drill Core | 0.329 | 6.3 | 133.7 | 3.55 | 1344.0 | 0.206 | <1 | 2.60 | 0.087 | 2.19 | <0.1 | 7.2 | 0.19 | <0.02 | <5 | <0.1 | <0.02 | 11.1 | 2.11 | 0.2 |
| 2570710 | Rock Pulp | 0.053 | 22.6 | 72.6 | 0.65 | 59.0 | 0.044 | 3 | 1.36 | 0.032 | 0.55 | 3.5 | 5.5 | 0.38 | 1.95 | 63 | 2.6 | 0.31 | 4.2 | 2.26 | <0.1 |
| 2570711 | Drill Core | 0.257 | 4.7 | 119.3 | 2.16 | 571.5 | 0.190 | <1 | 1.40 | 0.077 | 1.03 | 0.3 | 10.1 | 0.16 | 0.02 | 23 | <0.1 | 0.02 | 7.0 | 2.44 | 0.2 |
| 2570712 | Drill Core | 0.231 | 4.7 | 87.6 | 1.69 | 318.1 | 0.153 | 1 | 1.27 | 0.117 | 0.72 | <0.1 | 11.8 | 0.09 | <0.02 | <5 | <0.1 | <0.02 | 7.6 | 0.66 | 0.2 |
| 2570713 | Drill Core | 0.295 | 5.0 | 62.5 | 1.57 | 292.5 | 0.121 | <1 | 1.11 | 0.089 | 0.70 | <0.1 | 9.7 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 6.5 | 0.91 | 0.1 |
| 2570714 | Drill Core | 0.278 | 5.2 | 103.9 | 1.57 | 107.1 | 0.113 | 2 | 0.88 | 0.075 | 0.44 | 0.1 | 9.6 | 0.10 | 0.04 | <5 | 0.1 | 0.02 | 6.2 | 1.95 | 0.2 |
| 2570715 | Drill Core | 0.038 | 0.6 | 213.0 | 4.41 | 1226.9 | 0.429 | 1 | 3.19 | 0.094 | 2.85 | <0.1 | 7.3 | 0.28 | 0.05 | <5 | 0.3 | <0.02 | 7.5 | 2.73 | <0.1 |
| 2570716 | Drill Core | 0.066 | 1.5 | 215.2 | 4.25 | 1329.1 | 0.450 | 1 | 3.10 | 0.093 | 2.74 | <0.1 | 7.6 | 0.28 | <0.02 | <5 | <0.1 | <0.02 | 7.3 | 3.55 | 0.2 |
| 2570717 | Drill Core | 0.281 | 5.9 | 122.7 | 2.25 | 519.6 | 0.133 | 2 | 1.67 | 0.092 | 1.15 | <0.1 | 8.8 | 0.16 | 0.04 | <5 | 0.2 | <0.02 | 7.5 | 2.10 | 0.2 |
| 2570718 | Drill Core | 0.083 | 3.2 | 166.9 | 2.41 | 771.4 | 0.277 | 3 | 1.84 | 0.114 | 1.53 | <0.1 | 8.7 | 0.20 | <0.02 | <5 | 0.1 | <0.02 | 5.6 | 3.62 | 0.2 |
| 2570719 | Drill Core | 0.214 | 4.1 | 181.2 | 2.83 | 303.5 | 0.228 | 1 | 2.04 | 0.105 | 1.61 | <0.1 | 9.2 | 0.15 | 0.42 | <5 | 1.3 | <0.02 | 7.2 | 0.78 | 0.2 |
| 2570720 | Drill Core | 0.171 | 3.4 | 171.8 | 3.11 | 696.3 | 0.339 | 1 | 2.38 | 0.108 | 1.96 | <0.1 | 8.3 | 0.19 | 0.20 | <5 | 0.7 | <0.02 | 8.4 | 1.06 | 0.2 |
| 2570721 | Drill Core | 0.120 | 1.7 | 212.1 | 4.60 | 1370.4 | 0.458 | <1 | 3.49 | 0.141 | 3.22 | <0.1 | 7.9 | 0.28 | 0.14 | <5 | 0.8 | <0.02 | 8.4 | 1.38 | 0.1 |
| 2570722 | Drill Core | 0.111 | 1.6 | 230.0 | 6.05 | 2137.4 | 0.617 | <1 | 4.79 | 0.201 | 4.69 | <0.1 | 9.8 | 0.40 | 0.15 | 7 | 0.8 | <0.02 | 10.1 | 1.89 | 0.3 |
| 2570723 | Drill Core | 0.196 | 2.7 | 209.9 | 4.99 | 1301.6 | 0.494 | <1 | 3.82 | 0.158 | 3.61 | <0.1 | 9.2 | 0.33 | 0.17 | <5 | 0.9 | <0.02 | 9.0 | 1.44 | 0.3 |
| 2570724 | Drill Core | 0.251 | 4.0 | 193.1 | 4.59 | 640.9 | 0.423 | <1 | 3.57 | 0.146 | 3.20 | <0.1 | 9.5 | 0.28 | 0.27 | <5 | 1.0 | <0.02 | 9.8 | 1.32 | 0.2 |
| 2570725 | Drill Core | 0.250 | 3.8 | 182.1 | 4.50 | 675.2 | 0.425 | <1 | 3.55 | 0.143 | 3.17 | <0.1 | 9.2 | 0.30 | 0.31 | <5 | 1.2 | <0.02 | 9.2 | 1.25 | 0.3 |
| 2570726 | Drill Core | 0.167 | 2.3 | 206.8 | 4.35 | 1328.6 | 0.435 | <1 | 3.39 | 0.147 | 3.11 | <0.1 | 8.7 | 0.27 | 0.14 | <5 | 0.7 | <0.02 | 8.9 | 1.41 | 0.2 |
| 2570727 | Drill Core | 0.209 | 7.1 | 99.0 | 1.93 | 546.2 | 0.157 | 2 | 1.90 | 0.108 | 1.21 | <0.1 | 7.7 | 0.13 | 0.03 | <5 | <0.1 | 0.04 | 8.3 | 0.78 | 0.1 |
| 2570728 | Drill Core | 0.250 | 4.0 | 177.0 | 4.11 | 1202.1 | 0.401 | <1 | 3.21 | 0.135 | 2.91 | <0.1 | 8.7 | 0.27 | 0.16 | <5 | 0.7 | <0.02 | 8.5 | 1.16 | 0.2 |
| 2570729 | Drill Core | 0.282 | 3.4 | 136.6 | 2.96 | 69.8 | 0.271 | <1 | 2.19 | 0.095 | 1.80 | <0.1 | 7.1 | 0.20 | 1.51 | 8 | 4.9 | <0.02 | 6.7 | 0.78 | 0.2 |
| 2570730 | Drill Core | 0.342 | 6.8 | 136.7 | 2.38 | 560.2 | 0.139 | <1 | 1.78 | 0.099 | 1.26 | <0.1 | 8.0 | 0.13 | 0.22 | <5 | 0.7 | <0.02 | 7.2 | 0.64 | 0.2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570701 | Drill Core | 0.02 | 0.03 | 59.0 | 0.2 | <0.05 | 0.5 | 4.91 | 9.9 | <0.02 | <1 | <0.1 | 9.5 | 36 | 24 |
| 2570702 | Drill Core | <0.02 | 0.03 | 44.6 | 0.2 | <0.05 | 0.5 | 5.24 | 10.3 | <0.02 | <1 | <0.1 | 8.2 | 29 | 18 |
| 2570703 | Drill Core | <0.02 | 0.04 | 71.0 | 1.6 | <0.05 | 0.6 | 3.48 | 7.8 | <0.02 | <1 | <0.1 | 14.0 | 77 | 40 |
| 2570704 | Drill Core | <0.02 | 0.02 | 52.2 | 1.4 | <0.05 | 0.4 | 4.94 | 9.7 | <0.02 | <1 | <0.1 | 10.7 | 11 | 4 |
| 2570705 | Core DUP | <0.02 | <0.02 | 53.8 | 0.1 | <0.05 | 0.5 | 4.83 | 9.6 | <0.02 | <1 | <0.1 | 11.1 | 11 | 7 |
| 2570706 | Drill Core | <0.02 | 0.02 | 40.9 | 0.2 | <0.05 | 0.5 | 5.02 | 9.9 | <0.02 | <1 | <0.1 | 8.4 | 13 | 8 |
| 2570707 | Drill Core | <0.02 | 0.03 | 39.8 | 0.2 | <0.05 | 0.5 | 5.05 | 9.7 | <0.02 | <1 | <0.1 | 7.8 | <10 | <2 |
| 2570708 | Drill Core | <0.02 | <0.02 | 42.6 | 0.2 | <0.05 | 0.5 | 4.29 | 8.5 | <0.02 | <1 | <0.1 | 7.9 | 14 | 8 |
| 2570709 | Drill Core | <0.02 | 0.04 | 83.7 | 0.2 | <0.05 | 0.3 | 5.26 | 13.8 | <0.02 | <1 | <0.1 | 11.6 | 59 | 41 |
| 2570710 | Rock Pulp | 0.14 | 0.06 | 36.3 | 1.3 | <0.05 | 3.5 | 8.93 | 40.3 | 0.08 | 43 | 0.3 | 5.8 | <10 | <2 |
| 2570711 | Drill Core | <0.02 | 0.03 | 47.8 | 0.2 | <0.05 | 0.6 | 6.00 | 10.4 | <0.02 | <1 | <0.1 | 6.5 | <10 | 3 |
| 2570712 | Drill Core | <0.02 | <0.02 | 30.1 | 0.3 | <0.05 | 0.8 | 5.62 | 10.2 | <0.02 | <1 | 0.1 | 4.6 | <10 | <2 |
| 2570713 | Drill Core | <0.02 | <0.02 | 30.0 | 0.3 | <0.05 | 0.7 | 5.57 | 11.2 | <0.02 | <1 | <0.1 | 4.3 | <10 | 5 |
| 2570714 | Drill Core | 0.03 | 0.02 | 26.2 | 0.2 | <0.05 | 1.4 | 6.04 | 10.9 | <0.02 | <1 | <0.1 | 3.9 | 11 | 6 |
| 2570715 | Drill Core | 0.05 | 0.03 | 107.8 | 0.2 | <0.05 | 1.3 | 1.30 | 1.7 | <0.02 | <1 | <0.1 | 16.4 | 25 | 20 |
| 2570716 | Drill Core | 0.05 | 0.05 | 105.5 | 0.2 | <0.05 | 1.8 | 2.11 | 3.2 | <0.02 | <1 | 0.1 | 18.2 | 13 | 7 |
| 2570717 | Drill Core | <0.02 | 0.03 | 51.4 | 0.2 | <0.05 | 0.6 | 6.54 | 13.6 | 0.03 | <1 | <0.1 | 7.7 | 32 | 23 |
| 2570718 | Drill Core | 0.09 | 0.06 | 69.7 | 0.2 | <0.05 | 2.8 | 4.22 | 6.4 | <0.02 | <1 | 0.2 | 8.0 | <10 | 8 |
| 2570719 | Drill Core | <0.02 | 0.03 | 58.2 | 0.2 | <0.05 | 0.7 | 4.81 | 9.9 | <0.02 | <1 | <0.1 | 8.1 | 30 | 24 |
| 2570720 | Drill Core | 0.05 | 0.05 | 71.3 | 0.2 | <0.05 | 1.4 | 3.79 | 7.5 | <0.02 | <1 | <0.1 | 10.7 | 24 | 20 |
| 2570721 | Drill Core | 0.04 | 0.07 | 108.1 | 0.2 | <0.05 | 1.2 | 2.08 | 3.9 | 0.02 | <1 | <0.1 | 10.0 | 20 | 15 |
| 2570722 | Drill Core | 0.05 | 0.08 | 147.3 | 0.2 | <0.05 | 1.4 | 1.93 | 3.7 | 0.02 | <1 | <0.1 | 10.2 | 15 | 12 |
| 2570723 | Drill Core | 0.04 | 0.07 | 121.7 | 0.2 | <0.05 | 1.1 | 3.20 | 6.4 | <0.02 | <1 | <0.1 | 6.7 | 13 | 10 |
| 2570724 | Drill Core | <0.02 | 0.06 | 105.5 | 0.2 | <0.05 | 1.0 | 4.61 | 9.3 | <0.02 | <1 | <0.1 | 6.3 | 12 | 11 |
| 2570725 | Drill Core | 0.03 | 0.07 | 103.9 | 0.2 | <0.05 | 1.0 | 4.10 | 8.9 | <0.02 | <1 | <0.1 | 6.1 | <10 | 4 |
| 2570726 | Drill Core | 0.04 | 0.06 | 104.4 | 0.2 | <0.05 | 1.4 | 2.87 | 5.4 | <0.02 | <1 | <0.1 | 8.6 | 17 | 9 |
| 2570727 | Drill Core | <0.02 | 0.03 | 42.5 | 0.3 | <0.05 | 0.8 | 7.10 | 14.2 | <0.02 | <1 | <0.1 | 3.2 | 15 | 8 |
| 2570728 | Drill Core | <0.02 | 0.05 | 96.7 | 0.2 | <0.05 | 0.6 | 4.15 | 9.1 | <0.02 | <1 | <0.1 | 4.4 | <10 | 8 |
| 2570729 | Drill Core | <0.02 | 0.04 | 64.1 | 0.2 | <0.05 | 0.6 | 4.51 | 9.3 | 0.02 | <1 | <0.1 | 3.7 | 21 | 18 |
| 2570730 | Drill Core | <0.02 | 0.03 | 44.2 | 0.2 | <0.05 | 0.4 | 6.61 | 15.2 | <0.02 | <1 | <0.1 | 3.0 | 31 | 12 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570731 | Drill Core | 3.84 | 0.10 | 212.88 | 1.09 | 51.6 | 36 | 78.2 | 56.0 | 311 | 7.00 | 0.4 | <0.1 | 0.4 | 0.2 | 88.5 | 0.02 | 0.05 | <0.02 | 374 | 1.34 |
| 2570732 | Drill Core | 1.44 | 0.17 | 136.79 | 0.98 | 51.9 | 35 | 49.8 | 40.2 | 414 | 6.54 | 0.6 | 0.1 | 0.3 | 0.2 | 123.8 | 0.04 | 0.07 | <0.02 | 336 | 2.13 |
| 2570733 | Drill Core | 5.81 | 0.10 | 176.18 | 1.08 | 51.3 | 31 | 72.2 | 52.2 | 337 | 7.78 | 0.4 | <0.1 | <0.2 | 0.2 | 109.2 | 0.04 | 0.06 | <0.02 | 455 | 1.78 |
| 2570734 | Drill Core | 6.29 | 0.13 | 130.77 | 13.13 | 75.4 | 55 | 57.3 | 53.2 | 333 | 9.11 | 0.4 | <0.1 | 1.7 | 0.2 | 91.1 | 0.19 | 0.12 | <0.02 | 526 | 1.85 |
| 2570735 | Drill Core | 5.06 | 0.12 | 94.06 | 1.03 | 40.8 | 26 | 42.7 | 42.1 | 250 | 9.06 | 0.4 | <0.1 | 1.0 | 0.2 | 77.1 | 0.04 | 0.06 | <0.02 | 499 | 1.67 |
| 2570736 | Drill Core | 4.86 | 0.13 | 250.36 | 5.10 | 41.0 | 57 | 50.4 | 57.1 | 273 | 9.41 | 1.2 | <0.1 | 2.9 | 0.2 | 89.2 | 0.06 | 0.08 | <0.02 | 529 | 1.75 |
| 2570737 | Drill Core | 3.96 | 0.10 | 274.19 | 1.65 | 48.2 | 73 | 53.1 | 42.8 | 516 | 6.78 | 2.6 | <0.1 | 2.3 | 0.1 | 171.5 | 0.09 | 0.09 | <0.02 | 345 | 2.55 |
| 2570738 | Drill Core | 6.03 | 0.11 | 167.08 | 1.01 | 43.5 | 49 | 45.9 | 33.1 | 532 | 5.67 | 0.6 | <0.1 | 0.8 | <0.1 | 187.2 | 0.07 | 0.07 | <0.02 | 302 | 2.58 |
| 2570739 | Drill Core | 2.52 | 0.16 | 132.74 | 7.35 | 62.1 | 83 | 23.9 | 29.2 | 657 | 5.38 | <0.1 | 0.1 | 1.2 | 0.3 | 183.0 | 0.12 | 0.14 | <0.02 | 237 | 2.59 |
| 2570740 | Rock | 0.75 | 0.05 | 0.31 | 0.39 | 0.6 | 2 | <0.1 | 0.1 | 12 | 0.02 | <0.1 | 1.6 | 0.4 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 37.43 |
| 2570741 | Drill Core | 5.98 | 0.12 | 294.07 | 1.07 | 45.1 | 78 | 40.2 | 42.3 | 554 | 6.83 | 0.9 | <0.1 | 4.8 | 0.2 | 211.0 | 0.10 | 0.07 | <0.02 | 330 | 3.16 |
| 2570742 | Drill Core | 5.73 | 0.14 | 192.29 | 2.78 | 40.3 | 73 | 44.0 | 32.6 | 487 | 5.23 | 0.6 | 0.1 | 2.7 | 0.4 | 189.4 | 0.08 | 0.07 | <0.02 | 264 | 2.84 |
| 2570743 | Drill Core | 6.02 | 0.11 | 163.68 | 1.57 | 39.6 | 74 | 42.3 | 35.7 | 554 | 5.88 | 0.5 | <0.1 | 1.2 | 0.1 | 211.8 | 0.08 | 0.07 | <0.02 | 322 | 3.42 |
| 2570744 | Drill Core | 3.15 | 0.13 | 259.56 | 1.47 | 37.0 | 97 | 47.7 | 39.8 | 534 | 6.96 | 0.2 | <0.1 | 3.8 | <0.1 | 184.3 | 0.09 | 0.11 | <0.02 | 362 | 2.83 |
| 2570745 | Core DUP | | 0.10 | 262.35 | 0.92 | 37.7 | 105 | 45.2 | 39.8 | 512 | 6.76 | 0.4 | <0.1 | 3.0 | <0.1 | 183.5 | 0.07 | 0.08 | <0.02 | 349 | 2.72 |
| 2570746 | Drill Core | 5.58 | 0.14 | 294.65 | 3.65 | 48.0 | 76 | 55.3 | 40.2 | 598 | 6.41 | 1.1 | <0.1 | 2.8 | <0.1 | 198.1 | 0.14 | 0.10 | <0.02 | 333 | 3.07 |
| 2570747 | Drill Core | 5.95 | 0.06 | 380.49 | 0.83 | 38.7 | 86 | 55.7 | 47.3 | 484 | 6.56 | 0.6 | <0.1 | 2.8 | 0.2 | 176.5 | 0.09 | 0.09 | <0.02 | 328 | 2.61 |
| 2570748 | Drill Core | 4.98 | 0.12 | 498.48 | 1.16 | 48.7 | 116 | 58.5 | 51.2 | 532 | 8.40 | 1.5 | 0.1 | 3.8 | 0.3 | 218.1 | 0.09 | 0.18 | <0.02 | 427 | 3.42 |
| 2570749 | Drill Core | 2.86 | 0.10 | 276.42 | 0.60 | 33.0 | 71 | 44.4 | 37.3 | 473 | 6.05 | 0.3 | <0.1 | 1.7 | <0.1 | 162.9 | 0.09 | 0.07 | <0.02 | 322 | 2.72 |
| 2570750 | Rock Pulp | 0.10 | 220.56 | 2575.55 | 49.84 | 297.9 | 3301 | 9.4 | 18.0 | 222 | 3.23 | 25.4 | 6.1 | 233.5 | 12.5 | 50.4 | 2.46 | 7.76 | 4.43 | 41 | 0.90 |
| 2570751 | Drill Core | 3.01 | 0.16 | 33.78 | 1.02 | 62.2 | 15 | 49.1 | 40.3 | 526 | 5.90 | <0.1 | <0.1 | <0.2 | 0.2 | 89.0 | 0.02 | 0.04 | <0.02 | 292 | 1.54 |
| 2570752 | Drill Core | 3.31 | 0.12 | 258.63 | 0.62 | 39.8 | 61 | 48.0 | 34.8 | 495 | 5.07 | <0.1 | <0.1 | 1.5 | <0.1 | 174.1 | 0.06 | 0.04 | <0.02 | 287 | 2.44 |
| 2570753 | Drill Core | 2.98 | 0.10 | 435.52 | 0.83 | 30.8 | 103 | 50.0 | 38.4 | 419 | 4.95 | 0.8 | 0.2 | 3.9 | 0.6 | 142.0 | 0.08 | 0.09 | <0.02 | 271 | 2.24 |
| 2570754 | Drill Core | 2.82 | 0.13 | 394.12 | 1.65 | 46.4 | 74 | 45.0 | 37.9 | 508 | 5.82 | 0.4 | <0.1 | 4.2 | 0.2 | 166.3 | 0.07 | 0.10 | <0.02 | 298 | 2.70 |
| 2570755 | Drill Core | 3.08 | 0.07 | 166.77 | 0.88 | 40.7 | 46 | 40.3 | 31.9 | 474 | 4.84 | 0.3 | <0.1 | 2.1 | <0.1 | 137.3 | 0.07 | 0.10 | <0.02 | 236 | 2.29 |
| 2570756 | Drill Core | 3.10 | 0.14 | 260.16 | 1.83 | 37.2 | 64 | 36.4 | 33.1 | 485 | 5.06 | 1.4 | 0.9 | 2.1 | 2.9 | 167.8 | 0.09 | 0.15 | <0.02 | 259 | 2.77 |
| 2570757 | Drill Core | 5.34 | 0.12 | 343.53 | 0.95 | 35.3 | 85 | 42.8 | 42.2 | 461 | 5.54 | 1.2 | <0.1 | 2.7 | 0.2 | 152.9 | 0.05 | 0.14 | <0.02 | 286 | 2.56 |
| 2570758 | Drill Core | 2.86 | 0.12 | 353.01 | 0.49 | 37.8 | 70 | 47.6 | 36.3 | 490 | 5.43 | 0.6 | <0.1 | 2.4 | <0.1 | 153.8 | 0.07 | 0.09 | <0.02 | 304 | 2.47 |
| 2570759 | Drill Core | 2.76 | 0.12 | 202.79 | 1.41 | 42.6 | 56 | 38.4 | 31.4 | 490 | 4.84 | 0.8 | <0.1 | 2.1 | <0.1 | 148.8 | 0.09 | 0.07 | <0.02 | 240 | 2.31 |
| 2570760 | Drill Core | 1.58 | 0.12 | 433.07 | 0.84 | 38.6 | 87 | 43.7 | 42.3 | 497 | 5.28 | 0.9 | <0.1 | 1.6 | 0.1 | 159.2 | 0.07 | 0.08 | <0.02 | 255 | 2.88 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS    VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570731 | Drill Core | 0.344 | 6.2 | 179.3 | 3.38 | 1026.4 | 0.262 | <1 | 2.54 | 0.117 | 2.21 | <0.1 | 7.0 | 0.21 | 0.15 | <5 | 0.4 | <0.02 | 7.1 | 1.08 | 0.1 |
| 2570732 | Drill Core | 0.281 | 7.6 | 136.0 | 2.49 | 713.9 | 0.185 | 1 | 2.08 | 0.173 | 1.30 | <0.1 | 10.5 | 0.13 | 0.13 | <5 | 0.3 | <0.02 | 6.5 | 0.80 | 0.2 |
| 2570733 | Drill Core | 0.382 | 8.3 | 127.8 | 2.96 | 937.5 | 0.136 | 1 | 2.30 | 0.112 | 1.84 | <0.1 | 7.3 | 0.18 | 0.12 | <5 | 0.2 | <0.02 | 7.8 | 1.01 | 0.2 |
| 2570734 | Drill Core | 0.314 | 7.0 | 191.0 | 2.89 | 940.6 | 0.165 | <1 | 2.15 | 0.098 | 1.61 | <0.1 | 9.6 | 0.17 | 0.11 | 18 | 0.3 | <0.02 | 8.1 | 0.87 | 0.1 |
| 2570735 | Drill Core | 0.331 | 7.2 | 116.0 | 2.13 | 584.2 | 0.093 | <1 | 1.59 | 0.067 | 1.06 | <0.1 | 7.5 | 0.11 | 0.08 | <5 | <0.1 | <0.02 | 7.0 | 0.68 | 0.1 |
| 2570736 | Drill Core | 0.375 | 8.3 | 110.5 | 2.46 | 609.0 | 0.110 | <1 | 1.85 | 0.079 | 1.39 | <0.1 | 7.9 | 0.14 | 0.19 | 9 | 0.4 | <0.02 | 8.3 | 0.85 | 0.1 |
| 2570737 | Drill Core | 0.188 | 3.7 | 138.8 | 2.98 | 344.2 | 0.282 | <1 | 2.60 | 0.351 | 1.05 | <0.1 | 22.0 | 0.12 | 0.26 | <5 | 0.9 | <0.02 | 7.3 | 1.36 | 0.2 |
| 2570738 | Drill Core | 0.129 | 3.2 | 120.4 | 2.56 | 188.1 | 0.259 | <1 | 2.34 | 0.443 | 0.50 | <0.1 | 19.2 | 0.04 | 0.20 | <5 | 0.8 | <0.02 | 6.3 | 0.16 | 0.1 |
| 2570739 | Drill Core | 0.249 | 10.7 | 57.1 | 1.93 | 229.9 | 0.213 | 4 | 2.38 | 0.326 | 0.63 | <0.1 | 13.7 | 0.06 | 0.49 | 7 | 0.9 | 0.03 | 6.9 | 0.32 | 0.1 |
| 2570740 | Rock | 0.003 | <0.5 | 0.5 | 1.26 | 6.6 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 1.4 | <0.02 | 0.02 | <5 | <0.1 | 0.35 | <0.1 | <0.02 | <0.1 |
| 2570741 | Drill Core | 0.347 | 6.7 | 80.6 | 2.40 | 111.1 | 0.180 | <1 | 2.28 | 0.427 | 0.37 | <0.1 | 19.0 | <0.02 | 0.33 | <5 | 1.1 | 0.04 | 6.9 | 0.08 | <0.1 |
| 2570742 | Drill Core | 0.204 | 4.4 | 123.9 | 2.39 | 107.9 | 0.223 | <1 | 2.18 | 0.419 | 0.39 | <0.1 | 20.0 | <0.02 | 0.23 | <5 | 0.8 | 0.04 | 5.9 | 0.08 | 0.2 |
| 2570743 | Drill Core | 0.214 | 4.8 | 132.7 | 2.73 | 108.2 | 0.252 | <1 | 2.45 | 0.492 | 0.41 | <0.1 | 21.5 | <0.02 | 0.18 | <5 | 0.4 | 0.03 | 7.0 | 0.07 | 0.2 |
| 2570744 | Drill Core | 0.188 | 4.2 | 124.1 | 2.52 | 121.0 | 0.259 | <1 | 2.26 | 0.463 | 0.39 | <0.1 | 21.1 | <0.02 | 0.32 | <5 | 1.0 | <0.02 | 7.2 | 0.05 | 0.2 |
| 2570745 | Core DUP | 0.195 | 4.1 | 118.6 | 2.42 | 115.8 | 0.233 | <1 | 2.15 | 0.440 | 0.37 | <0.1 | 20.1 | <0.02 | 0.32 | <5 | 1.2 | 0.03 | 6.2 | 0.05 | 0.1 |
| 2570746 | Drill Core | 0.193 | 4.1 | 144.5 | 2.71 | 122.8 | 0.264 | <1 | 2.48 | 0.499 | 0.39 | <0.1 | 23.2 | <0.02 | 0.36 | 6 | 1.2 | 0.02 | 6.9 | 0.07 | 0.1 |
| 2570747 | Drill Core | 0.155 | 3.8 | 118.4 | 2.41 | 147.9 | 0.232 | <1 | 2.23 | 0.421 | 0.43 | <0.1 | 21.1 | 0.03 | 0.46 | <5 | 1.7 | 0.02 | 7.0 | 0.24 | 0.2 |
| 2570748 | Drill Core | 0.411 | 8.3 | 114.7 | 2.45 | 104.3 | 0.160 | <1 | 2.23 | 0.421 | 0.33 | <0.1 | 21.4 | 0.02 | 0.59 | 10 | 1.5 | <0.02 | 7.7 | 0.15 | 0.2 |
| 2570749 | Drill Core | 0.234 | 4.0 | 117.4 | 2.31 | 122.4 | 0.228 | <1 | 2.12 | 0.394 | 0.37 | <0.1 | 20.4 | 0.02 | 0.31 | <5 | 0.7 | 0.03 | 6.3 | 0.06 | <0.1 |
| 2570750 | Rock Pulp | 0.046 | 23.7 | 67.1 | 0.64 | 62.7 | 0.042 | <1 | 1.30 | 0.031 | 0.55 | 3.6 | 4.9 | 0.39 | 1.94 | 63 | 2.6 | 0.38 | 3.6 | 2.31 | <0.1 |
| 2570751 | Drill Core | 0.091 | 2.5 | 156.2 | 3.06 | 916.7 | 0.402 | <1 | 2.96 | 0.218 | 1.82 | <0.1 | 13.1 | 0.21 | <0.02 | <5 | 0.3 | 0.06 | 7.8 | 1.03 | 0.1 |
| 2570752 | Drill Core | 0.114 | 2.6 | 125.5 | 2.60 | 225.5 | 0.280 | <1 | 2.41 | 0.428 | 0.63 | <0.1 | 20.8 | 0.05 | 0.19 | <5 | 0.7 | <0.02 | 5.9 | 0.22 | 0.2 |
| 2570753 | Drill Core | 0.068 | 2.2 | 108.9 | 2.24 | 120.3 | 0.239 | <1 | 2.05 | 0.415 | 0.41 | <0.1 | 17.8 | 0.03 | 0.45 | <5 | 1.3 | <0.02 | 5.3 | 0.12 | 0.1 |
| 2570754 | Drill Core | 0.252 | 4.5 | 102.9 | 2.37 | 192.1 | 0.218 | <1 | 2.19 | 0.400 | 0.50 | <0.1 | 18.6 | 0.04 | 0.33 | <5 | 0.9 | 0.04 | 6.9 | 0.15 | 0.1 |
| 2570755 | Drill Core | 0.160 | 3.1 | 122.8 | 2.25 | 154.3 | 0.203 | <1 | 2.14 | 0.342 | 0.36 | <0.1 | 16.6 | 0.03 | 0.20 | <5 | 0.4 | <0.02 | 5.8 | 0.28 | 0.1 |
| 2570756 | Drill Core | 0.210 | 5.3 | 113.7 | 2.31 | 135.9 | 0.227 | <1 | 2.22 | 0.423 | 0.40 | <0.1 | 21.4 | 0.03 | 0.27 | 9 | 0.7 | <0.02 | 6.2 | 0.44 | 0.1 |
| 2570757 | Drill Core | 0.238 | 4.8 | 99.5 | 2.13 | 142.3 | 0.197 | <1 | 2.07 | 0.386 | 0.33 | <0.1 | 16.6 | 0.03 | 0.44 | 7 | 1.3 | <0.02 | 6.4 | 0.10 | <0.1 |
| 2570758 | Drill Core | 0.087 | 2.3 | 149.2 | 2.45 | 122.1 | 0.233 | <1 | 2.18 | 0.433 | 0.41 | <0.1 | 20.2 | 0.02 | 0.29 | <5 | 1.1 | <0.02 | 5.9 | 0.09 | 0.1 |
| 2570759 | Drill Core | 0.163 | 3.1 | 110.8 | 2.30 | 135.9 | 0.214 | 2 | 2.13 | 0.359 | 0.40 | <0.1 | 16.2 | 0.03 | 0.22 | 8 | 1.0 | <0.02 | 6.1 | 0.23 | <0.1 |
| 2570760 | Drill Core | 0.216 | 4.0 | 129.0 | 2.40 | 93.7 | 0.221 | <1 | 2.28 | 0.450 | 0.33 | <0.1 | 19.7 | <0.02 | 0.45 | <5 | 1.4 | 0.04 | 6.2 | 0.05 | 0.1 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570731 | Drill Core | <0.02 | 0.03 | 77.8 | 0.2 | <0.05 | 0.3 | 5.37 | 13.4 | <0.02 | <1 | <0.1 | 4.3 | 16 | 15 |
| 2570732 | Drill Core | <0.02 | 0.04 | 44.3 | 0.3 | <0.05 | 1.0 | 8.35 | 16.3 | 0.02 | <1 | <0.1 | 4.1 | 21 | 10 |
| 2570733 | Drill Core | <0.02 | 0.03 | 64.4 | 0.2 | <0.05 | 0.2 | 7.49 | 18.2 | <0.02 | <1 | <0.1 | 5.6 | 26 | 18 |
| 2570734 | Drill Core | <0.02 | 0.03 | 58.3 | 0.3 | <0.05 | 0.3 | 6.83 | 15.7 | <0.02 | <1 | 0.2 | 8.0 | 32 | 26 |
| 2570735 | Drill Core | <0.02 | 0.03 | 38.6 | 0.2 | <0.05 | 0.4 | 7.09 | 15.8 | <0.02 | <1 | <0.1 | 6.6 | 24 | 13 |
| 2570736 | Drill Core | <0.02 | 0.03 | 50.7 | 0.2 | <0.05 | 0.3 | 7.78 | 18.7 | <0.02 | <1 | <0.1 | 7.7 | 32 | 25 |
| 2570737 | Drill Core | 0.24 | 0.13 | 32.9 | 0.4 | <0.05 | 7.2 | 9.63 | 10.1 | 0.04 | <1 | 0.2 | 6.8 | <10 | 12 |
| 2570738 | Drill Core | 0.28 | 0.13 | 7.8 | 0.4 | <0.05 | 8.1 | 11.58 | 9.3 | 0.05 | <1 | 0.2 | 3.7 | <10 | 6 |
| 2570739 | Drill Core | 0.16 | 0.11 | 13.8 | 0.5 | <0.05 | 5.8 | 12.00 | 23.4 | 0.04 | 1 | 0.5 | 6.1 | <10 | 7 |
| 2570740 | Rock | <0.02 | 0.04 | <0.1 | <0.1 | <0.05 | <0.1 | 0.61 | 0.1 | <0.02 | 2 | <0.1 | <0.1 | <10 | <2 |
| 2570741 | Drill Core | 0.10 | 0.11 | 3.1 | 0.4 | <0.05 | 4.2 | 14.34 | 17.1 | 0.05 | <1 | <0.1 | 3.9 | 15 | 10 |
| 2570742 | Drill Core | 0.24 | 0.15 | 3.6 | 3.6 | <0.05 | 7.0 | 12.21 | 11.9 | 0.04 | <1 | 0.3 | 2.7 | <10 | 5 |
| 2570743 | Drill Core | 0.22 | 0.17 | 2.9 | 1.5 | <0.05 | 7.6 | 14.25 | 13.3 | 0.05 | <1 | 0.1 | 3.9 | 12 | 9 |
| 2570744 | Drill Core | 0.33 | 0.18 | 2.6 | 0.5 | <0.05 | 9.0 | 13.65 | 11.9 | 0.04 | <1 | 0.3 | 2.6 | <10 | 6 |
| 2570745 | Core DUP | 0.24 | 0.16 | 2.6 | 0.5 | <0.05 | 7.6 | 13.34 | 11.7 | 0.06 | <1 | 0.2 | 2.5 | <10 | 9 |
| 2570746 | Drill Core | 0.30 | 0.16 | 2.6 | 0.4 | <0.05 | 8.6 | 14.02 | 11.4 | 0.05 | <1 | <0.1 | 3.2 | 17 | 10 |
| 2570747 | Drill Core | 0.26 | 0.14 | 6.6 | 0.5 | <0.05 | 7.2 | 12.20 | 10.2 | 0.04 | 1 | 0.2 | 3.3 | 16 | 11 |
| 2570748 | Drill Core | 0.12 | 0.11 | 2.7 | 0.4 | <0.05 | 3.3 | 16.61 | 21.3 | 0.05 | <1 | 0.1 | 4.0 | 17 | 15 |
| 2570749 | Drill Core | 0.19 | 0.09 | 3.7 | 0.3 | <0.05 | 6.1 | 11.28 | 10.9 | 0.04 | 2 | <0.1 | 3.4 | 18 | 8 |
| 2570750 | Rock Pulp | 0.09 | 0.09 | 36.0 | 1.3 | <0.05 | 3.6 | 9.13 | 38.6 | 0.08 | 49 | 0.5 | 5.4 | <10 | <2 |
| 2570751 | Drill Core | 0.21 | 0.07 | 60.7 | 0.3 | <0.05 | 5.6 | 4.76 | 5.8 | 0.02 | <1 | 0.2 | 17.9 | 18 | 4 |
| 2570752 | Drill Core | 0.22 | 0.08 | 12.6 | 0.4 | <0.05 | 7.0 | 10.12 | 7.3 | 0.03 | <1 | <0.1 | 4.3 | 11 | 10 |
| 2570753 | Drill Core | 0.23 | 0.09 | 5.3 | 0.3 | <0.05 | 6.7 | 9.60 | 6.5 | 0.04 | <1 | <0.1 | 3.2 | 16 | 6 |
| 2570754 | Drill Core | 0.15 | 0.09 | 8.5 | 0.4 | <0.05 | 5.2 | 11.18 | 11.6 | 0.03 | <1 | <0.1 | 5.1 | 21 | 12 |
| 2570755 | Drill Core | 0.15 | 0.08 | 7.7 | 0.3 | <0.05 | 4.5 | 9.61 | 8.5 | 0.03 | 3 | <0.1 | 5.7 | <10 | 8 |
| 2570756 | Drill Core | 0.21 | 0.16 | 7.3 | 0.4 | <0.05 | 6.5 | 11.25 | 12.6 | 0.04 | <1 | 0.1 | 3.3 | 14 | 6 |
| 2570757 | Drill Core | 0.18 | 0.10 | 4.4 | 0.4 | <0.05 | 5.5 | 11.28 | 12.1 | 0.03 | 1 | <0.1 | 3.7 | 18 | 7 |
| 2570758 | Drill Core | 0.25 | 0.10 | 4.8 | 0.3 | <0.05 | 7.2 | 9.99 | 6.7 | 0.04 | <1 | <0.1 | 3.6 | 15 | 13 |
| 2570759 | Drill Core | 0.18 | 0.10 | 8.3 | 0.3 | <0.05 | 6.0 | 10.79 | 8.6 | 0.02 | 2 | <0.1 | 5.3 | <10 | 6 |
| 2570760 | Drill Core | 0.25 | 0.13 | 2.2 | 0.4 | <0.05 | 7.7 | 11.12 | 10.6 | 0.03 | <1 | 0.1 | 3.3 | 15 | 7 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570761 | Drill Core | 4.47 | 0.10 | 572.14 | 0.68 | 42.0 | 103 | 46.0 | 42.3 | 476 | 6.80 | 1.3 | <0.1 | 2.6 | 0.2 | 135.0 | 0.07 | 0.12 | <0.02 | 320 | 2.57 |
| 2570762 | Drill Core | 2.02 | 0.13 | 398.30 | 0.56 | 44.2 | 84 | 48.9 | 42.8 | 569 | 5.16 | 1.5 | <0.1 | 3.2 | 0.1 | 147.1 | 0.07 | 0.09 | <0.02 | 250 | 2.65 |
| 2570763 | Drill Core | 2.91 | 0.12 | 357.92 | 0.79 | 52.1 | 99 | 44.7 | 35.4 | 563 | 5.09 | 1.0 | <0.1 | 2.8 | <0.1 | 128.3 | 0.08 | 0.11 | <0.02 | 229 | 2.27 |
| 2570764 | Drill Core | 0.90 | 0.11 | 278.25 | 0.64 | 36.4 | 88 | 41.9 | 41.1 | 481 | 5.65 | 0.8 | <0.1 | 2.3 | <0.1 | 158.1 | 0.10 | 0.21 | <0.02 | 275 | 2.94 |
| 2570765 | Drill Core | 0.99 | 0.11 | 287.31 | 0.64 | 35.1 | 80 | 45.4 | 34.1 | 474 | 5.41 | 0.7 | <0.1 | 3.6 | <0.1 | 132.7 | 0.06 | 0.15 | <0.02 | 259 | 2.70 |
| 2570766 | Drill Core | 4.40 | 0.15 | 352.52 | 0.58 | 44.3 | 90 | 47.4 | 42.1 | 509 | 7.18 | 0.4 | <0.1 | 1.4 | 0.2 | 165.1 | 0.06 | 0.10 | <0.02 | 373 | 2.78 |
| 2570767 | Drill Core | 2.89 | 0.13 | 282.05 | 0.94 | 52.9 | 89 | 60.6 | 45.5 | 481 | 7.03 | 0.5 | <0.1 | 3.9 | 0.1 | 135.6 | 0.06 | 0.06 | <0.02 | 367 | 1.98 |
| 2570768 | Drill Core | 3.86 | 0.15 | 288.56 | 10.15 | 59.8 | 68 | 43.7 | 34.2 | 600 | 5.15 | 0.2 | <0.1 | 3.3 | <0.1 | 198.5 | 0.16 | 0.13 | <0.02 | 248 | 2.69 |
| 2570769 | Drill Core | 5.44 | 0.10 | 237.15 | 0.80 | 39.4 | 61 | 46.3 | 35.7 | 472 | 5.38 | 0.2 | <0.1 | 0.6 | <0.1 | 153.2 | 0.08 | 0.08 | <0.02 | 290 | 2.30 |
| 2570770 | Drill Core | 3.95 | 0.10 | 308.93 | 0.46 | 32.3 | 72 | 52.8 | 37.2 | 479 | 5.39 | 0.3 | <0.1 | 3.7 | <0.1 | 174.8 | 0.09 | 0.09 | <0.02 | 327 | 2.70 |
| 2570771 | Drill Core | 3.53 | 0.06 | 156.13 | 0.63 | 36.0 | 40 | 33.8 | 27.3 | 451 | 5.05 | 0.2 | <0.1 | <0.2 | 0.1 | 174.2 | 0.04 | 0.06 | <0.02 | 282 | 2.58 |
| 2570772 | Drill Core | 1.88 | 0.10 | 90.48 | 3.70 | 34.8 | 22 | 30.4 | 26.3 | 498 | 4.73 | 0.5 | <0.1 | 2.0 | <0.1 | 159.2 | 0.08 | 0.05 | <0.02 | 223 | 2.04 |
| 2570773 | Drill Core | 2.36 | 0.08 | 34.28 | 2.11 | 45.4 | 18 | 33.3 | 28.7 | 590 | 4.84 | 0.3 | 0.1 | 0.7 | 0.2 | 214.3 | 0.07 | 0.08 | <0.02 | 256 | 3.09 |
| 2570774 | Drill Core | 1.99 | 0.13 | 249.59 | 0.63 | 50.3 | 88 | 40.3 | 38.6 | 579 | 6.44 | 1.0 | <0.1 | 2.9 | 0.1 | 183.5 | 0.10 | 0.17 | <0.02 | 293 | 2.68 |
| 2570775 | Drill Core | 5.05 | 0.10 | 330.10 | 0.88 | 50.0 | 80 | 40.4 | 40.2 | 572 | 6.38 | 0.6 | <0.1 | 3.5 | 0.1 | 150.6 | 0.09 | 0.11 | <0.02 | 276 | 2.41 |
| 2570776 | Drill Core | 6.08 | 0.09 | 212.03 | 0.81 | 70.0 | 90 | 55.6 | 54.5 | 517 | 8.64 | 0.3 | <0.1 | 1.2 | 0.1 | 86.1 | 0.07 | 0.02 | <0.02 | 470 | 1.00 |
| 2570777 | Drill Core | 4.71 | 0.08 | 220.03 | 0.94 | 55.3 | 112 | 51.6 | 47.5 | 449 | 7.96 | 0.1 | <0.1 | 3.8 | 0.1 | 91.5 | 0.06 | 0.02 | <0.02 | 455 | 1.14 |
| 2570778 | Drill Core | 1.50 | 0.15 | 31.22 | 0.44 | 58.7 | 14 | 42.6 | 46.0 | 411 | 10.54 | 0.7 | 0.3 | <0.2 | 1.3 | 62.4 | 0.04 | 0.03 | <0.02 | 630 | 0.97 |
| 2570779 | Drill Core | 2.65 | 0.08 | 375.10 | 0.80 | 56.8 | 133 | 64.1 | 50.4 | 471 | 7.36 | 0.3 | <0.1 | 0.6 | <0.1 | 120.7 | 0.09 | 0.04 | <0.02 | 411 | 1.63 |
| 2570780 | Rock | 0.80 | 0.07 | 0.41 | 0.32 | 0.4 | <2 | 0.3 | <0.1 | 21 | 0.03 | <0.1 | 1.7 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 36.69 |
| 2570781 | Drill Core | 3.55 | 0.10 | 632.32 | 0.75 | 51.1 | 151 | 58.7 | 48.3 | 451 | 6.54 | 0.9 | <0.1 | 1.2 | 0.1 | 118.8 | 0.08 | 0.06 | <0.02 | 330 | 1.79 |
| 2570782 | Drill Core | 1.37 | 0.07 | 54.04 | 0.46 | 60.5 | 31 | 44.7 | 44.9 | 399 | 8.50 | 0.6 | <0.1 | <0.2 | 0.2 | 105.5 | 0.04 | 0.03 | <0.02 | 490 | 1.61 |
| 2570783 | Drill Core | 5.24 | 0.18 | 140.35 | 0.65 | 53.6 | 70 | 53.1 | 45.1 | 394 | 5.52 | 0.3 | <0.1 | 1.5 | 0.1 | 84.3 | 0.05 | 0.07 | <0.02 | 304 | 1.19 |
| 2570784 | Drill Core | 5.17 | 0.56 | 373.03 | 1.23 | 50.7 | 269 | 57.0 | 40.8 | 488 | 5.82 | 0.3 | <0.1 | 2.6 | <0.1 | 104.0 | 0.12 | 0.06 | <0.02 | 313 | 1.59 |
| 2570785 | Core DUP | | 0.48 | 376.02 | 1.17 | 52.3 | 251 | 58.3 | 43.5 | 500 | 5.82 | 0.7 | <0.1 | 2.3 | 0.1 | 102.9 | 0.08 | 0.05 | <0.02 | 316 | 1.63 |
| 2570786 | Drill Core | 2.70 | 35.84 | 40.55 | 13.49 | 102.6 | 144 | 53.4 | 39.3 | 1212 | 5.75 | 0.8 | 0.3 | 10.9 | 0.3 | 270.0 | 0.16 | 0.34 | 0.22 | 220 | 6.63 |
| 2570787 | Drill Core | 2.66 | 1.51 | 274.43 | 4.41 | 52.7 | 211 | 38.8 | 34.6 | 648 | 4.86 | 1.1 | <0.1 | 3.1 | 0.2 | 192.5 | 0.12 | 0.18 | 0.03 | 217 | 3.56 |
| 2570788 | Drill Core | 6.13 | 0.28 | 45.85 | 1.11 | 47.7 | 21 | 25.6 | 32.3 | 536 | 8.03 | 0.9 | <0.1 | 2.0 | 0.2 | 196.2 | 0.07 | 0.12 | <0.02 | 381 | 3.20 |
| 2570789 | Drill Core | 4.86 | 0.13 | 44.40 | 0.50 | 51.3 | 18 | 25.7 | 36.3 | 623 | 8.88 | 0.8 | 0.1 | 1.4 | 0.3 | 222.3 | 0.08 | 0.11 | <0.02 | 446 | 3.53 |
| 2570790 | Rock Pulp | 0.07 | 235.40 | 4515.77 | 4.22 | 49.6 | 665 | 31.4 | 10.7 | 478 | 3.45 | 5.9 | 0.3 | 455.2 | 1.0 | 44.7 | 0.43 | 0.87 | 0.13 | 62 | 0.85 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570761 | Drill Core | 0.264 | 4.6 | 91.9 | 2.15 | 86.0 | 0.166 | <1 | 1.96 | 0.355 | 0.28 | <0.1 | 17.9 | <0.02 | 0.62 | <5 | 2.2 | <0.02 | 7.0 | 0.06 | 0.1 |
| 2570762 | Drill Core | 0.180 | 3.5 | 112.0 | 2.60 | 152.1 | 0.235 | <1 | 2.47 | 0.418 | 0.42 | <0.1 | 18.9 | 0.03 | 0.48 | <5 | 1.5 | <0.02 | 6.5 | 0.26 | 0.2 |
| 2570763 | Drill Core | 0.171 | 3.4 | 108.2 | 2.73 | 274.1 | 0.239 | <1 | 2.61 | 0.321 | 0.72 | <0.1 | 14.7 | 0.08 | 0.40 | <5 | 1.0 | <0.02 | 6.9 | 0.56 | <0.1 |
| 2570764 | Drill Core | 0.231 | 4.0 | 113.0 | 2.20 | 83.5 | 0.211 | <1 | 1.96 | 0.362 | 0.26 | <0.1 | 21.4 | <0.02 | 0.46 | 5 | 1.4 | 0.03 | 6.2 | 0.05 | 0.1 |
| 2570765 | Drill Core | 0.207 | 3.6 | 124.3 | 2.12 | 80.3 | 0.198 | <1 | 1.84 | 0.355 | 0.24 | <0.1 | 19.1 | <0.02 | 0.42 | <5 | 1.4 | <0.02 | 6.1 | 0.05 | 0.1 |
| 2570766 | Drill Core | 0.260 | 5.3 | 112.9 | 2.55 | 225.0 | 0.228 | <1 | 2.29 | 0.406 | 0.61 | <0.1 | 21.4 | 0.04 | 0.34 | <5 | 0.9 | <0.02 | 7.7 | 0.23 | 0.2 |
| 2570767 | Drill Core | 0.232 | 3.8 | 134.1 | 3.18 | 497.5 | 0.275 | <1 | 2.71 | 0.283 | 1.31 | <0.1 | 14.1 | 0.13 | 0.25 | <5 | 0.3 | <0.02 | 8.1 | 0.70 | 0.1 |
| 2570768 | Drill Core | 0.163 | 4.0 | 111.7 | 2.38 | 210.2 | 0.211 | 3 | 2.58 | 0.466 | 0.31 | <0.1 | 17.4 | 0.04 | 0.33 | 14 | 0.8 | 0.02 | 6.5 | 0.24 | 0.1 |
| 2570769 | Drill Core | 0.150 | 3.2 | 137.1 | 2.58 | 228.1 | 0.233 | 1 | 2.20 | 0.362 | 0.65 | <0.1 | 20.8 | 0.06 | 0.21 | <5 | 0.7 | <0.02 | 6.8 | 0.29 | 0.2 |
| 2570770 | Drill Core | 0.113 | 2.9 | 113.5 | 2.63 | 123.0 | 0.259 | <1 | 2.30 | 0.494 | 0.43 | <0.1 | 24.5 | 0.02 | 0.28 | 7 | 1.1 | <0.02 | 6.2 | 0.11 | 0.1 |
| 2570771 | Drill Core | 0.163 | 4.1 | 111.2 | 2.40 | 167.8 | 0.184 | <1 | 2.21 | 0.385 | 0.52 | <0.1 | 20.4 | 0.03 | 0.10 | <5 | 0.4 | <0.02 | 6.0 | 0.20 | 0.1 |
| 2570772 | Drill Core | 0.141 | 3.5 | 95.1 | 2.06 | 377.6 | 0.147 | 5 | 2.14 | 0.288 | 0.46 | <0.1 | 10.4 | 0.07 | 0.08 | <5 | <0.1 | <0.02 | 5.9 | 0.89 | <0.1 |
| 2570773 | Drill Core | 0.132 | 4.3 | 112.4 | 2.85 | 245.6 | 0.281 | <1 | 2.74 | 0.480 | 0.75 | <0.1 | 24.6 | 0.05 | 0.02 | <5 | 0.3 | <0.02 | 7.0 | 0.29 | 0.1 |
| 2570774 | Drill Core | 0.220 | 5.3 | 100.3 | 2.73 | 216.5 | 0.213 | 2 | 2.60 | 0.396 | 0.56 | <0.1 | 17.6 | 0.05 | 0.45 | <5 | 1.0 | <0.02 | 7.5 | 0.38 | 0.1 |
| 2570775 | Drill Core | 0.243 | 5.2 | 87.4 | 2.55 | 205.2 | 0.168 | 3 | 2.45 | 0.342 | 0.55 | <0.1 | 15.9 | 0.07 | 0.49 | <5 | 0.9 | <0.02 | 7.0 | 0.46 | <0.1 |
| 2570776 | Drill Core | 0.158 | 2.1 | 151.4 | 4.11 | 1200.0 | 0.379 | 1 | 3.49 | 0.147 | 2.98 | <0.1 | 11.1 | 0.29 | 0.11 | <5 | 0.2 | <0.02 | 9.1 | 1.60 | 0.2 |
| 2570777 | Drill Core | 0.150 | 2.4 | 149.3 | 3.43 | 963.7 | 0.335 | <1 | 2.88 | 0.169 | 2.34 | <0.1 | 10.9 | 0.23 | 0.08 | 7 | 0.2 | <0.02 | 8.5 | 1.18 | 0.1 |
| 2570778 | Drill Core | 0.080 | 1.5 | 201.5 | 3.07 | 818.9 | 0.339 | <1 | 2.63 | 0.126 | 2.03 | <0.1 | 9.8 | 0.21 | <0.02 | <5 | <0.1 | <0.02 | 9.1 | 1.46 | 0.2 |
| 2570779 | Drill Core | 0.166 | 2.5 | 134.9 | 3.43 | 562.5 | 0.328 | <1 | 2.90 | 0.244 | 1.94 | <0.1 | 16.2 | 0.19 | 0.20 | <5 | 0.8 | <0.02 | 8.3 | 1.07 | 0.2 |
| 2570780 | Rock | 0.004 | <0.5 | 0.6 | 1.07 | 6.0 | 0.001 | <1 | 0.03 | 0.002 | <0.01 | <0.1 | 1.4 | <0.02 | 0.05 | <5 | <0.1 | 0.30 | <0.1 | <0.02 | <0.1 |
| 2570781 | Drill Core | 0.195 | 4.2 | 112.0 | 2.78 | 277.8 | 0.215 | <1 | 2.39 | 0.229 | 1.42 | <0.1 | 13.3 | 0.15 | 0.40 | <5 | 1.1 | <0.02 | 7.5 | 1.16 | 0.1 |
| 2570782 | Drill Core | 0.287 | 5.4 | 147.8 | 3.24 | 907.7 | 0.168 | <1 | 2.61 | 0.114 | 2.11 | <0.1 | 9.2 | 0.20 | <0.02 | <5 | <0.1 | <0.02 | 9.1 | 1.42 | 0.2 |
| 2570783 | Drill Core | 0.087 | 1.3 | 165.6 | 3.38 | 730.0 | 0.344 | <1 | 2.48 | 0.162 | 1.88 | <0.1 | 12.2 | 0.18 | 0.10 | <5 | 0.2 | 0.02 | 6.5 | 1.64 | 0.1 |
| 2570784 | Drill Core | 0.081 | 1.8 | 151.6 | 3.27 | 662.7 | 0.349 | <1 | 2.73 | 0.212 | 2.00 | <0.1 | 13.7 | 0.19 | 0.17 | <5 | 0.7 | <0.02 | 7.0 | 1.32 | 0.1 |
| 2570785 | Core DUP | 0.088 | 1.8 | 149.1 | 3.31 | 689.2 | 0.365 | <1 | 2.75 | 0.213 | 2.01 | <0.1 | 14.6 | 0.20 | 0.19 | <5 | 0.6 | <0.02 | 7.3 | 1.38 | 0.2 |
| 2570786 | Drill Core | 0.100 | 5.5 | 160.3 | 3.11 | 92.7 | 0.214 | <1 | 2.24 | 0.073 | 0.91 | 0.3 | 11.9 | 0.25 | 2.02 | <5 | 1.3 | 0.11 | 7.4 | 3.77 | 0.3 |
| 2570787 | Drill Core | 0.218 | 4.9 | 97.1 | 2.45 | 101.6 | 0.199 | 1 | 2.29 | 0.327 | 0.59 | <0.1 | 16.0 | 0.09 | 0.47 | <5 | 0.8 | 0.04 | 7.0 | 1.04 | 0.1 |
| 2570788 | Drill Core | 0.352 | 8.9 | 60.7 | 1.95 | 93.0 | 0.093 | 1 | 1.81 | 0.278 | 0.28 | <0.1 | 14.5 | 0.02 | 0.05 | <5 | 0.2 | <0.02 | 7.7 | 0.17 | 0.1 |
| 2570789 | Drill Core | 0.385 | 9.5 | 66.7 | 2.21 | 120.2 | 0.125 | 2 | 2.12 | 0.380 | 0.35 | <0.1 | 19.4 | <0.02 | 0.04 | <5 | 0.2 | <0.02 | 8.0 | 0.09 | 0.1 |
| 2570790 | Rock Pulp | 0.052 | 4.2 | 33.5 | 0.79 | 98.2 | 0.121 | 5 | 1.65 | 0.098 | 0.14 | 0.2 | 4.8 | 0.06 | 0.60 | 33 | 0.7 | 0.09 | 4.8 | 0.44 | 0.1 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570761 | Drill Core | 0.13 | 0.13 | 2.2 | 0.4 | <0.05 | 4.6 | 10.25 | 12.1 | 0.03 | 1 | <0.1 | 3.7 | 12 | 12 |
| 2570762 | Drill Core | 0.26 | 0.10 | 6.9 | 0.4 | <0.05 | 8.7 | 11.01 | 9.5 | 0.02 | <1 | <0.1 | 5.6 | <10 | 15 |
| 2570763 | Drill Core | 0.21 | 0.09 | 20.6 | 0.3 | <0.05 | 7.0 | 9.92 | 9.3 | 0.02 | <1 | <0.1 | 11.7 | <10 | 11 |
| 2570764 | Drill Core | 0.18 | 0.13 | 1.9 | 0.4 | <0.05 | 6.9 | 10.61 | 10.5 | 0.04 | 3 | 0.2 | 3.3 | 21 | 38 |
| 2570765 | Drill Core | 0.18 | 0.10 | 1.6 | 0.4 | <0.05 | 6.5 | 9.48 | 9.8 | 0.04 | 2 | 0.1 | 3.0 | 29 | 35 |
| 2570766 | Drill Core | 0.14 | 0.09 | 12.9 | 0.4 | <0.05 | 5.0 | 11.99 | 13.3 | 0.03 | 2 | <0.1 | 5.6 | 27 | 24 |
| 2570767 | Drill Core | 0.07 | 0.05 | 42.1 | 0.3 | <0.05 | 3.1 | 9.28 | 9.7 | 0.04 | 1 | <0.1 | 12.3 | 31 | 9 |
| 2570768 | Drill Core | 0.20 | 0.06 | 5.1 | 0.3 | <0.05 | 6.9 | 10.94 | 10.4 | 0.04 | 3 | 0.1 | 4.7 | <10 | 5 |
| 2570769 | Drill Core | 0.19 | 0.06 | 16.7 | 0.4 | <0.05 | 5.1 | 9.59 | 8.4 | 0.03 | 1 | <0.1 | 6.0 | 11 | 11 |
| 2570770 | Drill Core | 0.29 | 0.09 | 4.1 | 0.4 | <0.05 | 8.1 | 11.68 | 8.5 | 0.04 | <1 | 0.1 | 2.6 | 17 | 10 |
| 2570771 | Drill Core | 0.11 | 0.07 | 8.7 | 0.4 | <0.05 | 4.1 | 9.49 | 9.8 | 0.04 | <1 | 0.1 | 5.3 | 21 | 16 |
| 2570772 | Drill Core | 0.09 | 0.04 | 15.6 | 4.7 | <0.05 | 3.0 | 8.35 | 8.4 | 0.02 | <1 | <0.1 | 6.6 | <10 | 4 |
| 2570773 | Drill Core | 0.27 | 0.10 | 13.7 | 2.8 | <0.05 | 8.8 | 10.27 | 11.0 | 0.04 | <1 | 0.3 | 5.9 | <10 | 3 |
| 2570774 | Drill Core | 0.15 | 0.12 | 13.0 | 0.5 | <0.05 | 5.8 | 11.96 | 14.1 | 0.06 | <1 | <0.1 | 9.3 | <10 | 6 |
| 2570775 | Drill Core | 0.08 | 0.07 | 15.6 | 0.5 | <0.05 | 3.6 | 11.86 | 13.9 | 0.04 | 1 | 0.2 | 8.9 | 11 | 7 |
| 2570776 | Drill Core | 0.05 | 0.05 | 101.9 | 0.2 | <0.05 | 1.9 | 3.21 | 4.8 | 0.02 | 2 | <0.1 | 21.9 | 16 | 5 |
| 2570777 | Drill Core | 0.06 | 0.06 | 77.8 | 0.3 | <0.05 | 2.2 | 3.83 | 5.7 | 0.02 | <1 | <0.1 | 20.2 | 17 | 12 |
| 2570778 | Drill Core | 0.09 | 0.04 | 73.4 | 0.2 | <0.05 | 2.3 | 2.41 | 3.3 | 0.02 | <1 | <0.1 | 18.7 | 11 | 4 |
| 2570779 | Drill Core | 0.13 | 0.06 | 61.7 | 0.2 | <0.05 | 3.4 | 5.53 | 6.5 | 0.02 | 1 | 0.1 | 17.4 | 33 | 15 |
| 2570780 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.2 | 0.63 | 0.2 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |
| 2570781 | Drill Core | 0.05 | 0.05 | 48.5 | 0.3 | <0.05 | 1.9 | 7.21 | 10.1 | 0.03 | 1 | <0.1 | 15.3 | 49 | 21 |
| 2570782 | Drill Core | <0.02 | <0.02 | 72.7 | 0.2 | <0.05 | 0.3 | 5.73 | 12.0 | <0.02 | <1 | <0.1 | 22.0 | <10 | 6 |
| 2570783 | Drill Core | 0.10 | 0.04 | 63.2 | 0.2 | <0.05 | 3.3 | 3.66 | 3.5 | 0.02 | 1 | <0.1 | 20.9 | <10 | 5 |
| 2570784 | Drill Core | 0.15 | 0.04 | 64.4 | 0.3 | <0.05 | 4.6 | 4.19 | 4.3 | 0.02 | <1 | <0.1 | 18.5 | 11 | 11 |
| 2570785 | Core DUP | 0.14 | 0.05 | 65.2 | 0.3 | <0.05 | 4.6 | 4.53 | 4.5 | 0.03 | 1 | 0.1 | 18.5 | 21 | 4 |
| 2570786 | Drill Core | 0.17 | 0.09 | 49.4 | 0.2 | <0.05 | 4.2 | 9.09 | 11.5 | 0.02 | 24 | 0.2 | 9.2 | 15 | 9 |
| 2570787 | Drill Core | 0.12 | 0.07 | 17.1 | 0.3 | <0.05 | 5.1 | 10.73 | 11.9 | 0.03 | 3 | 0.1 | 8.8 | 26 | 10 |
| 2570788 | Drill Core | 0.04 | 0.06 | 3.6 | 0.4 | <0.05 | 1.4 | 11.70 | 20.8 | 0.03 | 2 | 0.1 | 5.0 | 28 | 27 |
| 2570789 | Drill Core | 0.03 | 0.07 | 2.6 | 0.5 | <0.05 | 1.6 | 13.57 | 22.6 | 0.04 | <1 | <0.1 | 4.9 | 20 | 21 |
| 2570790 | Rock Pulp | 0.20 | 0.10 | 5.2 | 1.4 | <0.05 | 5.4 | 7.03 | 8.6 | 0.03 | 116 | 0.3 | 11.0 | * | <2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570791 | Drill Core | 2.65 | 0.13 | 264.42 | 0.67 | 47.6 | 53 | 40.9 | 35.5 | 594 | 5.21 | 0.9 | <0.1 | 1.6 | 0.2 | 177.6 | 0.09 | 0.06 | <0.02 | 253 | 2.88 |
| 2570792 | Drill Core | 3.00 | 0.10 | 422.97 | 1.69 | 60.7 | 124 | 39.5 | 39.8 | 647 | 5.72 | 1.5 | <0.1 | 5.0 | 0.2 | 167.8 | 0.09 | 0.10 | 0.02 | 235 | 2.85 |
| 2570793 | Drill Core | 3.68 | 0.09 | 193.04 | 0.84 | 40.8 | 61 | 30.8 | 27.6 | 569 | 3.97 | 0.9 | <0.1 | 1.3 | 0.1 | 155.9 | 0.09 | 0.08 | <0.02 | 175 | 3.03 |
| 2570794 | Drill Core | 3.91 | 0.10 | 39.17 | 0.58 | 41.2 | 18 | 27.7 | 23.2 | 573 | 4.12 | 0.3 | <0.1 | 1.8 | 0.2 | 152.4 | 0.05 | 0.05 | <0.02 | 196 | 2.78 |
| 2570795 | Drill Core | 5.94 | 0.17 | 112.14 | 0.68 | 45.0 | 42 | 31.3 | 29.2 | 513 | 5.18 | 0.3 | <0.1 | 1.4 | 0.2 | 154.5 | 0.06 | 0.08 | <0.02 | 258 | 2.85 |
| 2570796 | Drill Core | 4.24 | 0.12 | 131.11 | 1.58 | 57.7 | 80 | 31.8 | 26.0 | 661 | 4.65 | 0.4 | <0.1 | 3.4 | 0.2 | 171.6 | 0.08 | 0.05 | <0.02 | 221 | 3.30 |
| 2570797 | Drill Core | 3.96 | 0.11 | 204.26 | 0.83 | 42.6 | 50 | 34.9 | 28.6 | 536 | 4.20 | 0.7 | <0.1 | 3.3 | 0.1 | 151.1 | 0.09 | 0.07 | <0.02 | 182 | 2.36 |
| 2570798 | Drill Core | 5.71 | 0.11 | 199.58 | 0.96 | 46.9 | 49 | 36.3 | 29.3 | 611 | 4.31 | 0.7 | <0.1 | 2.6 | <0.1 | 137.6 | 0.08 | 0.04 | <0.02 | 180 | 2.53 |
| 2570799 | Drill Core | 2.84 | 0.11 | 77.75 | 0.79 | 44.3 | 35 | 28.1 | 23.7 | 498 | 3.81 | 0.6 | <0.1 | 2.6 | <0.1 | 88.4 | 0.07 | 0.02 | <0.02 | 143 | 2.01 |
| 2570800 | Drill Core | 3.89 | 0.07 | 96.84 | 0.50 | 44.6 | 56 | 34.5 | 27.2 | 570 | 4.06 | 0.6 | <0.1 | 1.9 | <0.1 | 118.1 | 0.11 | 0.10 | <0.02 | 162 | 2.60 |
| 2570801 | Drill Core | 5.77 | 0.11 | 142.86 | 0.66 | 43.3 | 36 | 29.2 | 24.8 | 546 | 3.78 | 0.7 | <0.1 | 1.2 | <0.1 | 118.1 | 0.08 | 0.06 | <0.02 | 156 | 2.24 |
| 2570802 | Drill Core | 4.40 | 0.17 | 119.52 | 0.93 | 41.7 | 54 | 27.9 | 23.4 | 484 | 3.91 | 0.3 | <0.1 | 1.8 | 0.1 | 73.9 | 0.09 | 0.03 | <0.02 | 158 | 1.87 |
| 2570803 | Drill Core | 2.32 | 0.16 | 79.07 | 0.67 | 38.0 | 32 | 24.1 | 21.1 | 349 | 3.73 | 0.3 | <0.1 | 2.0 | 0.1 | 80.7 | 0.08 | 0.07 | <0.02 | 162 | 1.74 |
| 2570804 | Drill Core | 1.96 | 0.16 | 260.87 | 11.46 | 46.4 | 62 | 35.9 | 28.9 | 465 | 4.00 | <0.1 | <0.1 | 4.0 | 0.1 | 123.9 | 0.16 | 0.17 | <0.02 | 174 | 2.18 |
| 2570805 | Drill Core | 2.13 | 0.13 | 229.01 | 12.65 | 46.3 | 62 | 37.4 | 30.5 | 569 | 4.59 | 0.3 | <0.1 | 2.6 | 0.1 | 135.6 | 0.15 | 0.16 | <0.02 | 206 | 2.55 |
| 2570806 | Drill Core | 4.58 | 0.07 | 159.76 | 4.47 | 42.6 | 37 | 33.9 | 27.4 | 503 | 4.60 | <0.1 | <0.1 | 2.1 | 0.2 | 163.7 | 0.07 | 0.09 | <0.02 | 227 | 2.55 |
| 2570807 | Drill Core | 3.35 | 0.09 | 107.72 | 4.28 | 39.6 | 33 | 27.6 | 25.8 | 475 | 5.03 | <0.1 | <0.1 | 0.6 | 0.2 | 170.2 | 0.10 | 0.08 | <0.02 | 256 | 2.71 |
| 2570808 | Drill Core | 2.93 | 0.08 | 151.70 | 2.71 | 44.5 | 48 | 39.8 | 31.6 | 481 | 5.36 | 0.7 | <0.1 | 0.6 | 0.2 | 170.0 | 0.04 | 0.08 | <0.02 | 257 | 2.41 |
| 2570809 | Drill Core | 4.68 | 0.07 | 363.99 | 2.98 | 48.9 | 82 | 43.2 | 40.4 | 482 | 6.18 | 0.9 | <0.1 | 1.4 | 0.2 | 168.0 | 0.09 | 0.06 | <0.02 | 284 | 2.46 |
| 2570810 | Drill Core | 2.87 | 0.06 | 164.59 | 1.92 | 42.1 | 39 | 39.3 | 30.3 | 498 | 4.92 | 0.6 | <0.1 | 1.2 | 0.2 | 179.5 | 0.08 | 0.07 | <0.02 | 227 | 2.79 |
| 2570811 | Drill Core | 3.49 | 0.07 | 14.08 | 4.05 | 65.6 | 13 | 40.3 | 37.7 | 599 | 8.49 | 1.1 | 0.1 | <0.2 | 0.3 | 183.9 | 0.06 | 0.23 | <0.02 | 375 | 3.79 |
| 2570812 | Drill Core | 1.62 | 3.03 | 65.35 | 32.89 | 86.6 | 68 | 55.6 | 35.9 | 1012 | 6.75 | 1.5 | 0.2 | 7.1 | 0.4 | 216.2 | 0.15 | 0.18 | 0.08 | 254 | 6.96 |
| 2570813 | Drill Core | 3.71 | 0.16 | 143.11 | 2.20 | 29.7 | 92 | 66.8 | 27.3 | 449 | 3.33 | 0.8 | <0.1 | 8.6 | <0.1 | 95.0 | 0.08 | 0.09 | <0.02 | 109 | 1.78 |
| 2570814 | Drill Core | 2.49 | 0.15 | 187.07 | 1.34 | 42.6 | 76 | 48.8 | 31.3 | 497 | 4.43 | 0.4 | <0.1 | 2.9 | 0.2 | 149.3 | 0.10 | 0.08 | <0.02 | 207 | 2.53 |
| 2570815 | Drill Core | 2.50 | 0.07 | 32.42 | 1.70 | 53.0 | 16 | 25.9 | 31.5 | 522 | 7.88 | 0.7 | 0.2 | 1.1 | 0.5 | 185.7 | 0.04 | 0.12 | <0.02 | 366 | 3.28 |
| 2570816 | Drill Core | 4.63 | 0.06 | 63.96 | 1.15 | 59.5 | 25 | 25.2 | 36.8 | 625 | 8.31 | 0.6 | 0.2 | 1.1 | 0.5 | 238.4 | 0.06 | 0.10 | <0.02 | 382 | 3.76 |
| 2570817 | Drill Core | 4.15 | 0.08 | 180.38 | 1.34 | 46.5 | 58 | 25.4 | 39.9 | 586 | 8.42 | 0.4 | 0.1 | 1.9 | 0.3 | 220.2 | 0.06 | 0.08 | <0.02 | 377 | 4.33 |
| 2570818 | Drill Core | 2.88 | 0.08 | 973.45 | 1.36 | 53.4 | 383 | 56.6 | 59.5 | 521 | 7.95 | 1.5 | 0.1 | 5.4 | 0.3 | 165.1 | 0.29 | 0.15 | 0.03 | 336 | 2.89 |
| 2570819 | Drill Core | 6.01 | 0.16 | 159.56 | 1.04 | 55.9 | 47 | 36.6 | 39.3 | 483 | 7.46 | <0.1 | 0.2 | 1.9 | 0.4 | 146.2 | 0.05 | 0.07 | <0.02 | 357 | 2.56 |
| 2570820 | Rock | 0.78 | 0.05 | 0.81 | 0.55 | 1.0 | <2 | 0.2 | 0.1 | 21 | 0.04 | <0.1 | 1.6 | 0.9 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 36.29 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570791 | Drill Core | 0.189 | 5.4 | 100.3 | 2.46 | 187.9 | 0.210 | <1 | 2.39 | 0.446 | 0.50 | <0.1 | 18.6 | 0.02 | 0.22 | <5 | 0.8 | <0.02 | 6.9 | 0.18 | 0.1 |
| 2570792 | Drill Core | 0.286 | 7.4 | 62.2 | 2.31 | 122.6 | 0.155 | 1 | 2.36 | 0.373 | 0.41 | <0.1 | 16.9 | 0.03 | 0.58 | <5 | 1.2 | 0.03 | 6.7 | 0.36 | 0.1 |
| 2570793 | Drill Core | 0.190 | 4.3 | 86.6 | 2.20 | 96.0 | 0.199 | <1 | 2.11 | 0.363 | 0.39 | <0.1 | 14.5 | <0.02 | 0.21 | <5 | 0.3 | <0.02 | 5.6 | 0.24 | <0.1 |
| 2570794 | Drill Core | 0.149 | 4.1 | 101.9 | 2.35 | 109.1 | 0.204 | <1 | 2.26 | 0.410 | 0.43 | <0.1 | 18.0 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.4 | 0.13 | 0.2 |
| 2570795 | Drill Core | 0.222 | 5.7 | 100.6 | 2.10 | 93.8 | 0.168 | 2 | 2.00 | 0.375 | 0.35 | <0.1 | 16.6 | 0.03 | 0.12 | <5 | 0.2 | <0.02 | 5.9 | 0.09 | 0.1 |
| 2570796 | Drill Core | 0.157 | 4.5 | 98.7 | 2.45 | 145.4 | 0.178 | <1 | 2.32 | 0.352 | 0.55 | <0.1 | 15.7 | 0.06 | 0.08 | <5 | <0.1 | <0.02 | 6.8 | 0.51 | 0.2 |
| 2570797 | Drill Core | 0.202 | 5.1 | 81.5 | 2.02 | 114.5 | 0.172 | 2 | 2.07 | 0.326 | 0.30 | <0.1 | 13.4 | 0.02 | 0.25 | 7 | 0.4 | 0.02 | 5.5 | 0.14 | <0.1 |
| 2570798 | Drill Core | 0.171 | 5.0 | 82.2 | 2.30 | 189.4 | 0.178 | 1 | 2.41 | 0.356 | 0.39 | <0.1 | 14.0 | 0.03 | 0.25 | <5 | 0.3 | 0.04 | 5.8 | 0.21 | <0.1 |
| 2570799 | Drill Core | 0.156 | 4.1 | 76.7 | 1.91 | 105.4 | 0.143 | 4 | 1.96 | 0.267 | 0.32 | <0.1 | 10.4 | 0.04 | 0.07 | <5 | <0.1 | <0.02 | 5.0 | 0.73 | <0.1 |
| 2570800 | Drill Core | 0.132 | 3.9 | 88.9 | 2.22 | 81.9 | 0.199 | 4 | 2.19 | 0.324 | 0.30 | <0.1 | 14.6 | 0.03 | 0.15 | <5 | 0.1 | <0.02 | 5.7 | 0.48 | <0.1 |
| 2570801 | Drill Core | 0.150 | 4.0 | 79.2 | 2.01 | 88.2 | 0.180 | 3 | 2.07 | 0.309 | 0.24 | <0.1 | 13.0 | <0.02 | 0.14 | 7 | 0.4 | <0.02 | 4.8 | 0.12 | <0.1 |
| 2570802 | Drill Core | 0.133 | 4.1 | 76.3 | 1.63 | 101.0 | 0.155 | 4 | 1.76 | 0.269 | 0.26 | <0.1 | 9.6 | 0.03 | 0.11 | <5 | <0.1 | <0.02 | 5.1 | 0.46 | <0.1 |
| 2570803 | Drill Core | 0.134 | 3.8 | 69.6 | 1.33 | 88.9 | 0.128 | 4 | 1.54 | 0.196 | 0.25 | <0.1 | 7.2 | 0.02 | 0.08 | 7 | 0.1 | <0.02 | 4.7 | 0.33 | <0.1 |
| 2570804 | Drill Core | 0.169 | 4.2 | 94.5 | 1.80 | 85.0 | 0.180 | 2 | 1.84 | 0.338 | 0.27 | <0.1 | 14.2 | 0.05 | 0.25 | 8 | 0.6 | <0.02 | 4.9 | 0.08 | <0.1 |
| 2570805 | Drill Core | 0.180 | 4.1 | 102.2 | 2.15 | 114.7 | 0.224 | 4 | 2.26 | 0.407 | 0.33 | <0.1 | 17.8 | 0.04 | 0.24 | 7 | 0.5 | <0.02 | 5.9 | 0.08 | 0.1 |
| 2570806 | Drill Core | 0.168 | 4.2 | 111.7 | 2.06 | 128.5 | 0.224 | 3 | 2.04 | 0.410 | 0.43 | <0.1 | 19.4 | 0.03 | 0.12 | 9 | 0.2 | <0.02 | 5.5 | 0.08 | <0.1 |
| 2570807 | Drill Core | 0.191 | 4.3 | 92.5 | 2.14 | 138.1 | 0.208 | <1 | 2.09 | 0.444 | 0.45 | <0.1 | 19.8 | 0.03 | 0.07 | <5 | 0.2 | <0.02 | 5.7 | 0.08 | 0.2 |
| 2570808 | Drill Core | 0.230 | 4.7 | 113.7 | 2.35 | 295.4 | 0.233 | 2 | 2.21 | 0.373 | 0.73 | <0.1 | 17.7 | 0.06 | 0.13 | <5 | 0.2 | <0.02 | 6.0 | 0.25 | 0.1 |
| 2570809 | Drill Core | 0.267 | 5.5 | 109.3 | 2.40 | 326.3 | 0.230 | 1 | 2.25 | 0.348 | 0.92 | <0.1 | 15.7 | 0.10 | 0.25 | 5 | 0.9 | 0.02 | 7.0 | 0.37 | <0.1 |
| 2570810 | Drill Core | 0.224 | 4.8 | 131.1 | 2.28 | 155.3 | 0.207 | 2 | 2.16 | 0.398 | 0.52 | <0.1 | 18.3 | 0.04 | 0.12 | 7 | 0.5 | <0.02 | 6.3 | 0.21 | <0.1 |
| 2570811 | Drill Core | 0.360 | 7.7 | 113.1 | 2.60 | 280.9 | 0.164 | 3 | 2.22 | 0.259 | 0.76 | <0.1 | 16.6 | 0.09 | 0.03 | 6 | 0.1 | <0.02 | 9.5 | 0.80 | 0.2 |
| 2570812 | Drill Core | 0.236 | 5.2 | 250.7 | 2.80 | 211.5 | 0.219 | 2 | 2.13 | 0.116 | 0.82 | 0.3 | 10.7 | 0.18 | 1.07 | <5 | 0.9 | 0.05 | 9.9 | 2.23 | 0.2 |
| 2570813 | Drill Core | 0.074 | 1.8 | 187.6 | 2.16 | 50.1 | 0.122 | 4 | 1.55 | 0.220 | 0.27 | <0.1 | 12.6 | 0.06 | 0.14 | 6 | 0.4 | <0.02 | 3.6 | 0.79 | <0.1 |
| 2570814 | Drill Core | 0.171 | 4.1 | 183.9 | 2.22 | 183.7 | 0.218 | 2 | 1.99 | 0.323 | 0.51 | <0.1 | 16.1 | 0.05 | 0.19 | <5 | 0.6 | <0.02 | 5.7 | 0.19 | 0.1 |
| 2570815 | Drill Core | 0.505 | 11.0 | 70.2 | 1.83 | 124.5 | 0.096 | 2 | 1.78 | 0.278 | 0.41 | <0.1 | 13.4 | 0.03 | 0.02 | <5 | <0.1 | <0.02 | 7.2 | 0.20 | 0.1 |
| 2570816 | Drill Core | 0.550 | 12.5 | 49.2 | 2.35 | 190.5 | 0.098 | 2 | 2.31 | 0.374 | 0.56 | <0.1 | 19.6 | 0.05 | 0.05 | <5 | <0.1 | <0.02 | 8.5 | 0.26 | 0.2 |
| 2570817 | Drill Core | 0.421 | 9.5 | 75.4 | 2.24 | 165.4 | 0.134 | 1 | 2.08 | 0.366 | 0.50 | <0.1 | 16.5 | 0.04 | 0.12 | <5 | 0.1 | <0.02 | 7.9 | 0.25 | <0.1 |
| 2570818 | Drill Core | 0.359 | 7.7 | 78.0 | 2.16 | 171.8 | 0.154 | 1 | 2.00 | 0.300 | 0.53 | <0.1 | 14.7 | 0.06 | 0.73 | <5 | 2.7 | <0.02 | 7.7 | 0.28 | 0.3 |
| 2570819 | Drill Core | 0.351 | 8.8 | 95.8 | 2.05 | 341.5 | 0.154 | 2 | 1.90 | 0.253 | 0.78 | <0.1 | 12.6 | 0.08 | 0.10 | <5 | 0.3 | <0.02 | 7.4 | 0.39 | 0.2 |
| 2570820 | Rock | 0.004 | <0.5 | 0.6 | 1.36 | 15.8 | 0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 1.6 | <0.02 | 0.04 | <5 | 0.1 | 0.41 | <0.1 | <0.02 | <0.1 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570791 | Drill Core | 0.15 | 0.10 | 6.4 | 0.5 | <0.05 | 5.4 | 12.59 | 13.3 | 0.04 | 2 | 0.2 | 5.7 | 33 | 20 |
| 2570792 | Drill Core | 0.11 | 0.07 | 6.1 | 0.4 | <0.05 | 4.0 | 11.92 | 17.4 | 0.04 | <1 | 0.1 | 7.2 | 11 | 9 |
| 2570793 | Drill Core | 0.24 | 0.08 | 4.5 | 0.4 | <0.05 | 7.3 | 9.99 | 10.5 | 0.03 | <1 | <0.1 | 5.1 | <10 | 6 |
| 2570794 | Drill Core | 0.18 | 0.07 | 4.8 | 0.4 | <0.05 | 6.3 | 9.90 | 10.7 | 0.03 | <1 | 0.2 | 5.8 | <10 | 6 |
| 2570795 | Drill Core | 0.12 | 0.06 | 3.5 | 0.4 | <0.05 | 4.2 | 11.52 | 14.0 | 0.03 | <1 | 0.3 | 5.8 | 13 | 5 |
| 2570796 | Drill Core | 0.13 | 0.06 | 12.4 | 0.4 | <0.05 | 4.4 | 9.75 | 10.9 | 0.05 | <1 | 0.1 | 7.7 | <10 | 4 |
| 2570797 | Drill Core | 0.14 | 0.06 | 4.1 | 0.3 | <0.05 | 4.6 | 10.19 | 12.6 | 0.02 | 1 | <0.1 | 6.7 | 13 | 3 |
| 2570798 | Drill Core | 0.16 | 0.06 | 6.2 | 0.3 | <0.05 | 5.2 | 10.68 | 11.7 | 0.04 | <1 | <0.1 | 8.8 | <10 | 10 |
| 2570799 | Drill Core | 0.12 | 0.04 | 9.4 | 0.1 | <0.05 | 4.4 | 8.39 | 9.3 | <0.02 | <1 | 0.2 | 7.9 | <10 | 5 |
| 2570800 | Drill Core | 0.17 | 0.06 | 6.2 | 0.2 | <0.05 | 6.9 | 9.86 | 9.5 | 0.04 | 2 | 0.2 | 6.8 | <10 | 6 |
| 2570801 | Drill Core | 0.18 | 0.08 | 2.4 | 0.2 | <0.05 | 6.5 | 9.36 | 9.9 | 0.03 | <1 | 0.1 | 7.8 | <10 | <2 |
| 2570802 | Drill Core | 0.15 | 0.05 | 6.3 | 0.2 | <0.05 | 5.9 | 8.41 | 9.7 | 0.02 | 2 | 0.1 | 6.8 | <10 | 4 |
| 2570803 | Drill Core | 0.09 | 0.05 | 6.1 | 0.2 | <0.05 | 3.9 | 7.21 | 8.4 | <0.02 | <1 | <0.1 | 6.8 | <10 | 4 |
| 2570804 | Drill Core | 0.17 | 0.07 | 2.5 | 2.5 | <0.05 | 5.8 | 9.57 | 10.1 | 0.04 | 3 | <0.1 | 5.9 | 27 | 7 |
| 2570805 | Drill Core | 0.26 | 0.08 | 2.9 | 1.5 | <0.05 | 7.7 | 10.89 | 10.6 | 0.05 | 3 | 0.2 | 6.0 | 25 | 9 |
| 2570806 | Drill Core | 0.21 | 0.07 | 4.3 | 0.5 | <0.05 | 7.1 | 10.08 | 10.6 | 0.02 | <1 | 0.1 | 3.8 | 15 | 10 |
| 2570807 | Drill Core | 0.20 | 0.07 | 4.6 | 0.4 | <0.05 | 5.5 | 10.27 | 10.6 | 0.05 | <1 | 0.2 | 2.8 | 31 | 16 |
| 2570808 | Drill Core | 0.17 | 0.07 | 18.1 | 0.3 | <0.05 | 4.6 | 9.74 | 11.0 | 0.04 | <1 | 0.2 | 6.6 | 17 | 18 |
| 2570809 | Drill Core | 0.07 | 0.08 | 26.4 | 0.4 | <0.05 | 3.2 | 9.74 | 13.0 | 0.03 | <1 | <0.1 | 7.6 | 33 | 22 |
| 2570810 | Drill Core | 0.19 | 0.06 | 7.5 | 0.4 | <0.05 | 4.7 | 9.63 | 11.9 | 0.05 | <1 | 0.1 | 5.3 | 24 | 19 |
| 2570811 | Drill Core | 0.04 | 0.04 | 24.8 | 0.5 | <0.05 | 1.2 | 11.31 | 18.1 | 0.03 | <1 | <0.1 | 11.5 | 10 | 6 |
| 2570812 | Drill Core | 0.13 | 0.06 | 41.2 | 0.3 | <0.05 | 4.0 | 7.51 | 11.0 | <0.02 | 4 | 0.3 | 11.3 | 14 | 18 |
| 2570813 | Drill Core | 0.13 | 0.04 | 10.1 | 0.2 | <0.05 | 3.6 | 4.47 | 4.5 | <0.02 | 2 | <0.1 | 5.9 | 16 | 13 |
| 2570814 | Drill Core | 0.15 | 0.07 | 10.3 | 0.3 | <0.05 | 6.1 | 7.87 | 10.0 | 0.03 | 1 | <0.1 | 5.7 | 28 | 17 |
| 2570815 | Drill Core | 0.05 | 0.06 | 7.1 | 0.4 | <0.05 | 1.5 | 13.13 | 23.6 | 0.03 | <1 | 0.3 | 4.4 | 38 | 24 |
| 2570816 | Drill Core | <0.02 | 0.04 | 10.0 | 0.5 | <0.05 | 1.0 | 14.80 | 27.9 | 0.03 | <1 | <0.1 | 5.8 | 27 | 22 |
| 2570817 | Drill Core | 0.03 | 0.06 | 9.4 | 0.5 | <0.05 | 1.8 | 13.81 | 21.0 | 0.04 | <1 | 0.1 | 4.4 | 33 | 17 |
| 2570818 | Drill Core | 0.05 | 0.06 | 12.4 | 0.4 | <0.05 | 2.4 | 11.12 | 17.7 | 0.03 | <1 | 0.2 | 6.3 | 42 | 38 |
| 2570819 | Drill Core | 0.03 | 0.04 | 24.3 | 0.3 | <0.05 | 1.4 | 10.63 | 18.7 | 0.03 | <1 | 0.2 | 7.7 | 24 | 17 |
| 2570820 | Rock | <0.02 | 0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.78 | 0.2 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570821 | Drill Core | 2.87 | 0.14 | 92.75 | 0.95 | 44.2 | 27 | 28.6 | 28.0 | 468 | 5.88 | <0.1 | 0.1 | 1.2 | 0.3 | 149.4 | 0.07 | 0.07 | <0.02 | 302 | 2.54 |
| 2570822 | Drill Core | 4.69 | 0.08 | 238.26 | 0.89 | 38.0 | 67 | 37.0 | 31.5 | 488 | 4.40 | 0.3 | <0.1 | 1.6 | 0.2 | 159.3 | 0.04 | 0.07 | <0.02 | 223 | 2.52 |
| 2570823 | Drill Core | 3.64 | 0.10 | 561.97 | 1.26 | 36.9 | 104 | 60.2 | 41.6 | 512 | 4.62 | 0.3 | <0.1 | 2.4 | 0.1 | 171.0 | 0.10 | 0.08 | <0.02 | 228 | 2.52 |
| 2570824 | Drill Core | 4.23 | 0.05 | 164.69 | 0.81 | 40.6 | 40 | 35.1 | 32.2 | 481 | 5.05 | <0.1 | <0.1 | 0.9 | 0.2 | 172.0 | 0.06 | 0.04 | <0.02 | 262 | 2.47 |
| 2570825 | Core DUP | | 0.04 | 160.53 | 1.05 | 43.0 | 39 | 37.8 | 34.3 | 509 | 5.35 | 0.3 | <0.1 | <0.2 | 0.2 | 193.8 | 0.06 | 0.05 | <0.02 | 277 | 2.62 |
| 2570826 | Drill Core | 4.14 | 0.09 | 164.00 | 0.77 | 35.9 | 40 | 30.3 | 29.6 | 461 | 4.71 | 0.2 | <0.1 | 1.0 | 0.2 | 169.4 | 0.06 | 0.04 | <0.02 | 248 | 2.52 |
| 2570827 | Drill Core | 3.12 | 0.07 | 356.90 | 1.11 | 47.7 | 108 | 32.4 | 37.7 | 573 | 5.97 | <0.1 | 0.1 | 0.4 | 0.3 | 210.9 | 0.16 | 0.04 | <0.02 | 291 | 3.21 |
| 2570828 | Drill Core | 2.47 | 0.22 | 206.99 | 3.60 | 79.8 | 128 | 33.4 | 42.3 | 735 | 8.82 | 1.0 | 0.2 | 5.1 | 0.5 | 207.2 | 0.11 | 0.25 | 0.03 | 385 | 4.06 |
| 2570829 | Drill Core | 2.55 | 0.48 | 108.49 | 1.52 | 58.3 | 83 | 38.7 | 33.7 | 583 | 7.26 | 1.1 | 0.3 | 1.5 | 0.7 | 169.2 | 0.09 | 0.09 | <0.02 | 369 | 3.42 |
| 2570830 | Rock Pulp | 0.09 | 239.56 | 2559.13 | 51.71 | 304.2 | 3248 | 9.8 | 19.2 | 213 | 3.30 | 25.6 | 6.6 | 257.5 | 12.7 | 50.8 | 2.61 | 8.13 | 4.58 | 43 | 0.90 |
| 2570831 | Drill Core | 2.66 | 0.28 | 129.52 | 0.88 | 49.9 | 71 | 70.7 | 35.0 | 444 | 5.83 | 0.6 | <0.1 | 0.4 | 0.2 | 120.8 | 0.07 | 0.05 | <0.02 | 289 | 2.17 |
| 2570832 | Drill Core | 2.73 | 0.61 | 70.12 | 1.07 | 49.7 | 44 | 51.8 | 31.3 | 528 | 5.74 | 0.4 | 0.1 | 6.2 | 0.3 | 147.9 | 0.06 | 0.04 | <0.02 | 274 | 2.50 |
| 2570833 | Drill Core | 4.21 | 0.16 | 198.61 | 1.00 | 66.1 | 137 | 45.2 | 48.8 | 555 | 7.36 | 0.7 | 0.2 | 2.9 | 0.5 | 138.6 | 0.08 | 0.05 | <0.02 | 352 | 2.56 |
| 2570834 | Drill Core | 3.59 | 0.06 | 296.91 | 0.85 | 73.3 | 85 | 43.1 | 60.7 | 502 | 7.95 | 0.4 | <0.1 | 2.2 | 0.2 | 97.2 | 0.06 | 0.03 | <0.02 | 390 | 1.40 |
| 2570835 | Drill Core | 5.34 | 0.05 | 319.64 | 1.01 | 72.8 | 86 | 49.5 | 61.8 | 519 | 8.75 | 0.2 | 0.1 | 2.6 | 0.3 | 115.0 | 0.06 | 0.04 | <0.02 | 423 | 1.70 |
| 2570836 | Drill Core | 5.76 | 0.05 | 169.50 | 1.32 | 68.0 | 202 | 56.2 | 48.0 | 420 | 8.39 | 0.2 | <0.1 | 15.3 | 0.1 | 48.2 | 0.03 | 0.03 | 0.02 | 420 | 0.79 |
| 2570837 | Drill Core | 6.18 | 0.11 | 210.54 | 1.22 | 58.6 | 282 | 50.2 | 51.1 | 393 | 9.82 | 0.3 | <0.1 | 11.7 | 0.1 | 61.2 | 0.07 | 0.07 | 0.04 | 502 | 1.19 |
| 2570838 | Drill Core | 4.90 | 0.08 | 150.83 | 1.13 | 61.8 | 191 | 37.5 | 48.1 | 453 | 10.31 | 0.3 | <0.1 | 6.4 | 0.1 | 65.5 | 0.06 | 0.11 | 0.03 | 539 | 1.27 |
| 2570839 | Drill Core | 2.36 | 0.10 | 382.85 | 1.91 | 53.8 | 521 | 37.4 | 46.0 | 417 | 10.65 | 0.5 | <0.1 | 7.7 | 0.2 | 76.0 | 0.12 | 0.16 | 0.08 | 538 | 1.94 |
| 2570840 | Drill Core | 3.52 | 0.09 | 321.48 | 1.86 | 61.6 | 471 | 33.9 | 51.4 | 395 | 10.78 | 14.1 | 0.2 | 7.3 | 0.4 | 100.9 | 0.11 | 0.11 | 0.06 | 565 | 1.96 |
| 2570841 | Drill Core | 4.72 | 0.19 | 331.62 | 1.63 | 60.2 | 488 | 45.8 | 51.2 | 385 | 10.94 | 0.4 | <0.1 | 16.0 | 0.2 | 61.5 | 0.08 | 0.07 | 0.06 | 562 | 1.20 |
| 2570842 | Drill Core | 1.47 | 1.44 | 128.00 | 6.95 | 84.4 | 179 | 33.8 | 51.7 | 762 | 10.92 | 0.8 | 0.1 | 8.0 | 0.3 | 207.2 | 0.09 | 0.21 | 0.07 | 523 | 4.32 |
| 2570843 | Drill Core | 4.39 | 0.06 | 483.36 | 2.27 | 48.0 | 539 | 31.7 | 51.3 | 390 | 10.20 | 0.6 | 0.2 | 9.5 | 0.3 | 110.2 | 0.11 | 0.07 | 0.08 | 513 | 1.85 |
| 2570844 | Drill Core | 3.03 | 0.08 | 593.91 | 2.82 | 50.3 | 712 | 38.2 | 50.9 | 379 | 10.47 | <0.1 | 0.1 | 19.9 | 0.3 | 114.0 | 0.10 | 0.06 | 0.11 | 542 | 1.81 |
| 2570845 | Drill Core | 2.18 | 0.08 | 520.39 | 2.15 | 48.0 | 572 | 32.0 | 51.4 | 368 | 9.46 | 0.2 | 0.1 | 9.9 | 0.3 | 128.7 | 0.11 | 0.05 | 0.09 | 488 | 2.04 |
| 2570846 | Drill Core | 2.79 | 0.08 | 174.58 | 1.52 | 46.4 | 314 | 43.3 | 43.2 | 382 | 10.14 | 0.5 | <0.1 | 41.1 | 0.2 | 62.5 | 0.07 | 0.09 | 0.05 | 538 | 1.24 |
| 2570847 | Drill Core | 5.84 | 0.10 | 17.96 | 0.73 | 43.8 | 24 | 48.1 | 49.6 | 298 | 10.24 | 0.3 | <0.1 | 1.3 | 0.1 | 49.2 | 0.04 | 0.03 | <0.02 | 552 | 0.82 |
| 2570848 | Drill Core | 5.68 | 0.05 | 29.52 | 0.81 | 50.3 | 35 | 46.5 | 52.7 | 347 | 10.99 | 0.6 | <0.1 | 1.2 | 0.1 | 54.9 | 0.04 | 0.05 | <0.02 | 581 | 0.95 |
| 2570849 | Drill Core | 6.25 | 0.04 | 45.73 | 0.83 | 53.9 | 52 | 49.6 | 57.2 | 374 | 11.36 | 0.6 | <0.1 | 1.2 | 0.1 | 47.3 | 0.04 | 0.04 | <0.02 | 613 | 0.93 |
| 2570850 | Drill Core | 6.25 | 0.11 | 53.60 | 0.96 | 57.9 | 81 | 38.5 | 51.3 | 417 | 10.71 | 0.5 | <0.1 | 4.4 | 0.2 | 69.7 | 0.04 | 0.12 | <0.02 | 542 | 1.44 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570821 | Drill Core | 0.229 | 6.5 | 115.0 | 2.03 | 194.4 | 0.170 | 3 | 1.94 | 0.330 | 0.60 | <0.1 | 15.8 | 0.05 | 0.05 | <5 | 0.1 | <0.02 | 6.2 | 0.25 | 0.1 |
| 2570822 | Drill Core | 0.117 | 3.4 | 111.3 | 2.41 | 207.9 | 0.244 | <1 | 2.24 | 0.389 | 0.71 | <0.1 | 19.1 | 0.05 | 0.15 | <5 | 0.5 | <0.02 | 5.5 | 0.26 | 0.1 |
| 2570823 | Drill Core | 0.120 | 3.6 | 110.5 | 2.51 | 194.4 | 0.283 | 1 | 2.34 | 0.425 | 0.71 | <0.1 | 21.1 | 0.06 | 0.38 | <5 | 1.7 | 0.02 | 5.8 | 0.26 | 0.1 |
| 2570824 | Drill Core | 0.151 | 4.2 | 90.6 | 2.50 | 206.9 | 0.247 | 2 | 2.38 | 0.432 | 0.74 | <0.1 | 20.5 | 0.05 | 0.10 | <5 | 0.5 | <0.02 | 6.0 | 0.26 | 0.1 |
| 2570825 | Core DUP | 0.154 | 4.5 | 103.6 | 2.65 | 215.6 | 0.281 | 2 | 2.52 | 0.467 | 0.79 | <0.1 | 20.9 | 0.06 | 0.09 | <5 | 0.3 | <0.02 | 6.3 | 0.27 | 0.1 |
| 2570826 | Drill Core | 0.170 | 4.5 | 89.4 | 2.38 | 182.5 | 0.246 | 2 | 2.25 | 0.440 | 0.69 | <0.1 | 19.2 | 0.05 | 0.11 | <5 | 0.4 | <0.02 | 5.5 | 0.22 | <0.1 |
| 2570827 | Drill Core | 0.297 | 7.8 | 67.9 | 2.49 | 212.6 | 0.235 | 2 | 2.43 | 0.456 | 0.69 | <0.1 | 22.6 | 0.05 | 0.23 | <5 | 0.9 | <0.02 | 6.9 | 0.27 | 0.2 |
| 2570828 | Drill Core | 0.428 | 11.2 | 47.7 | 2.54 | 135.5 | 0.165 | 3 | 2.48 | 0.287 | 0.84 | <0.1 | 17.8 | 0.19 | 0.73 | 11 | 0.8 | <0.02 | 9.3 | 1.71 | 0.2 |
| 2570829 | Drill Core | 0.526 | 14.1 | 71.8 | 2.17 | 256.6 | 0.126 | 3 | 2.18 | 0.361 | 0.73 | <0.1 | 15.8 | 0.07 | 0.15 | 7 | 0.4 | <0.02 | 7.8 | 0.39 | 0.1 |
| 2570830 | Rock Pulp | 0.052 | 23.6 | 69.9 | 0.64 | 66.8 | 0.043 | 3 | 1.30 | 0.033 | 0.56 | 3.7 | 5.0 | 0.40 | 1.97 | 71 | 2.7 | 0.31 | 3.9 | 2.41 | <0.1 |
| 2570831 | Drill Core | 0.275 | 5.7 | 126.2 | 2.39 | 466.2 | 0.165 | 1 | 2.11 | 0.254 | 1.15 | <0.1 | 10.8 | 0.12 | 0.07 | <5 | 0.3 | <0.02 | 6.9 | 0.58 | 0.1 |
| 2570832 | Drill Core | 0.212 | 6.1 | 159.4 | 2.51 | 432.8 | 0.244 | 1 | 2.34 | 0.336 | 1.13 | <0.1 | 15.5 | 0.12 | 0.03 | <5 | 0.1 | <0.02 | 7.3 | 0.62 | 0.1 |
| 2570833 | Drill Core | 0.500 | 12.7 | 84.6 | 2.78 | 734.4 | 0.162 | 1 | 2.54 | 0.205 | 1.82 | <0.1 | 9.6 | 0.20 | 0.17 | <5 | 0.3 | <0.02 | 8.2 | 1.09 | 0.2 |
| 2570834 | Drill Core | 0.314 | 5.5 | 107.2 | 3.51 | 1264.4 | 0.357 | 2 | 3.11 | 0.154 | 2.69 | <0.1 | 7.7 | 0.27 | 0.15 | <5 | 0.5 | <0.02 | 8.8 | 1.28 | 0.3 |
| 2570835 | Drill Core | 0.344 | 7.2 | 104.2 | 3.29 | 1176.2 | 0.265 | 2 | 2.93 | 0.161 | 2.38 | <0.1 | 8.9 | 0.26 | 0.16 | <5 | 0.6 | <0.02 | 9.3 | 1.14 | 0.2 |
| 2570836 | Drill Core | 0.074 | 1.4 | 75.3 | 2.84 | 979.1 | 0.385 | 2 | 2.38 | 0.111 | 2.05 | <0.1 | 7.0 | 0.22 | 0.02 | <5 | 0.1 | <0.02 | 8.4 | 1.15 | 0.2 |
| 2570837 | Drill Core | 0.107 | 2.0 | 34.6 | 2.28 | 704.7 | 0.305 | 1 | 1.93 | 0.114 | 1.44 | <0.1 | 7.2 | 0.17 | 0.03 | <5 | 0.2 | <0.02 | 8.8 | 1.05 | 0.2 |
| 2570838 | Drill Core | 0.095 | 2.2 | 27.3 | 2.13 | 597.1 | 0.297 | 2 | 1.82 | 0.126 | 1.16 | <0.1 | 8.5 | 0.15 | 0.02 | <5 | <0.1 | 0.03 | 9.1 | 0.83 | 0.3 |
| 2570839 | Drill Core | 0.084 | 2.1 | 15.6 | 1.90 | 474.2 | 0.307 | <1 | 1.53 | 0.103 | 0.94 | <0.1 | 7.3 | 0.14 | 0.11 | <5 | 0.4 | <0.02 | 9.5 | 0.97 | 0.1 |
| 2570840 | Drill Core | 0.345 | 7.8 | 23.9 | 1.95 | 604.6 | 0.158 | 1 | 1.68 | 0.104 | 1.19 | <0.1 | 7.8 | 0.16 | 0.04 | <5 | 0.5 | 0.02 | 9.3 | 0.85 | 0.2 |
| 2570841 | Drill Core | 0.092 | 2.2 | 21.5 | 1.94 | 478.0 | 0.308 | <1 | 1.65 | 0.100 | 1.03 | <0.1 | 8.6 | 0.14 | 0.05 | <5 | 0.2 | <0.02 | 9.6 | 0.85 | 0.2 |
| 2570842 | Drill Core | 0.272 | 6.3 | 22.5 | 2.59 | 340.8 | 0.242 | 2 | 2.19 | 0.174 | 1.02 | 0.2 | 13.0 | 0.21 | 0.58 | <5 | 0.5 | <0.02 | 10.4 | 2.70 | 0.3 |
| 2570843 | Drill Core | 0.340 | 7.1 | 36.4 | 2.12 | 563.0 | 0.153 | <1 | 1.80 | 0.126 | 1.16 | <0.1 | 9.3 | 0.15 | 0.09 | 6 | 0.5 | 0.04 | 8.8 | 0.87 | 0.3 |
| 2570844 | Drill Core | 0.330 | 6.5 | 25.3 | 2.15 | 649.6 | 0.190 | 2 | 1.83 | 0.126 | 1.32 | <0.1 | 8.8 | 0.17 | 0.10 | <5 | 0.6 | <0.02 | 9.0 | 0.82 | 0.1 |
| 2570845 | Drill Core | 0.402 | 7.8 | 22.2 | 2.08 | 626.7 | 0.136 | <1 | 1.77 | 0.121 | 1.26 | <0.1 | 8.3 | 0.16 | 0.11 | <5 | 0.6 | <0.02 | 8.8 | 0.81 | 0.2 |
| 2570846 | Drill Core | 0.076 | 2.0 | 27.4 | 1.87 | 562.3 | 0.322 | <1 | 1.62 | 0.136 | 1.05 | <0.1 | 9.4 | 0.14 | 0.03 | <5 | 0.2 | <0.02 | 8.7 | 0.61 | 0.2 |
| 2570847 | Drill Core | 0.078 | 1.6 | 21.4 | 2.09 | 700.0 | 0.275 | <1 | 1.74 | 0.098 | 1.34 | <0.1 | 7.7 | 0.15 | <0.02 | <5 | 0.1 | <0.02 | 8.9 | 0.76 | 0.2 |
| 2570848 | Drill Core | 0.105 | 1.8 | 17.1 | 2.17 | 694.0 | 0.329 | <1 | 1.84 | 0.105 | 1.41 | <0.1 | 8.0 | 0.17 | <0.02 | 11 | <0.1 | <0.02 | 9.1 | 0.89 | 0.2 |
| 2570849 | Drill Core | 0.093 | 1.6 | 27.1 | 2.24 | 698.9 | 0.344 | <1 | 1.87 | 0.093 | 1.44 | <0.1 | 7.3 | 0.18 | <0.02 | <5 | 0.1 | <0.02 | 9.5 | 0.95 | 0.2 |
| 2570850 | Drill Core | 0.177 | 3.6 | 34.6 | 2.05 | 564.6 | 0.259 | <1 | 1.73 | 0.109 | 1.15 | <0.1 | 8.7 | 0.14 | 0.09 | <5 | 0.3 | <0.02 | 8.7 | 0.90 | 0.2 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570821 | Drill Core | 0.06 | 0.04 | 12.5 | 0.4 | <0.05 | 2.7 | 10.35 | 14.7 | 0.04 | <1 | 0.1 | 5.5 | 15 | 10 |
| 2570822 | Drill Core | 0.20 | 0.07 | 14.5 | 0.4 | <0.05 | 6.3 | 8.74 | 8.8 | 0.05 | <1 | <0.1 | 5.7 | 42 | 25 |
| 2570823 | Drill Core | 0.29 | 0.08 | 14.3 | 0.4 | <0.05 | 8.6 | 9.46 | 8.9 | 0.04 | <1 | 0.1 | 5.6 | 11 | 21 |
| 2570824 | Drill Core | 0.19 | 0.08 | 14.7 | 0.4 | <0.05 | 6.4 | 9.92 | 10.2 | 0.04 | <1 | <0.1 | 6.9 | 15 | 16 |
| 2570825 | Core DUP | 0.24 | 0.11 | 15.3 | 0.4 | <0.05 | 7.2 | 10.68 | 10.5 | 0.05 | <1 | 0.4 | 6.8 | 20 | 21 |
| 2570826 | Drill Core | 0.17 | 0.09 | 12.1 | 0.4 | <0.05 | 6.0 | 10.29 | 11.4 | 0.04 | <1 | <0.1 | 6.4 | 17 | 9 |
| 2570827 | Drill Core | 0.18 | 0.09 | 12.9 | 0.6 | <0.05 | 5.4 | 12.39 | 17.8 | 0.03 | <1 | 0.1 | 5.6 | 25 | 25 |
| 2570828 | Drill Core | 0.05 | 0.05 | 34.6 | 0.5 | <0.05 | 2.2 | 14.43 | 24.5 | 0.03 | <1 | 0.3 | 9.2 | 23 | 20 |
| 2570829 | Drill Core | <0.02 | 0.08 | 16.6 | 0.5 | <0.05 | 1.6 | 16.22 | 30.1 | 0.05 | <1 | 0.3 | 7.6 | 28 | 16 |
| 2570830 | Rock Pulp | 0.14 | 0.12 | 38.2 | 1.5 | <0.05 | 3.5 | 8.90 | 39.5 | 0.07 | 48 | 0.3 | 6.0 | <10 | <2 |
| 2570831 | Drill Core | 0.04 | 0.04 | 36.4 | 0.3 | <0.05 | 1.5 | 8.44 | 13.4 | 0.02 | 2 | <0.1 | 10.7 | <10 | 9 |
| 2570832 | Drill Core | 0.09 | 0.05 | 32.7 | 0.4 | <0.05 | 3.1 | 9.40 | 14.2 | 0.03 | <1 | <0.1 | 10.1 | 13 | 8 |
| 2570833 | Drill Core | <0.02 | 0.04 | 60.5 | 0.4 | <0.05 | 0.6 | 12.38 | 26.7 | 0.03 | <1 | 0.2 | 16.0 | 15 | 10 |
| 2570834 | Drill Core | <0.02 | 0.07 | 95.5 | 0.2 | <0.05 | 1.1 | 5.66 | 11.8 | 0.03 | <1 | <0.1 | 18.9 | 17 | 6 |
| 2570835 | Drill Core | <0.02 | 0.05 | 88.2 | 0.2 | <0.05 | 0.4 | 7.32 | 15.7 | <0.02 | <1 | <0.1 | 16.0 | 25 | 14 |
| 2570836 | Drill Core | 0.07 | 0.03 | 73.0 | 0.2 | <0.05 | 2.0 | 1.88 | 3.0 | <0.02 | <1 | <0.1 | 16.5 | 46 | 22 |
| 2570837 | Drill Core | 0.04 | 0.04 | 53.3 | 0.2 | <0.05 | 1.8 | 2.72 | 4.6 | <0.02 | <1 | <0.1 | 12.5 | 132 | 78 |
| 2570838 | Drill Core | 0.08 | 0.04 | 45.1 | 0.2 | <0.05 | 2.6 | 3.06 | 4.9 | 0.02 | <1 | <0.1 | 11.4 | 199 | 136 |
| 2570839 | Drill Core | 0.09 | 0.05 | 38.1 | 0.2 | <0.05 | 3.0 | 2.97 | 4.6 | <0.02 | <1 | <0.1 | 9.5 | 100 | 75 |
| 2570840 | Drill Core | <0.02 | 0.03 | 48.3 | 0.3 | <0.05 | 0.5 | 7.41 | 17.1 | <0.02 | <1 | <0.1 | 11.0 | 41 | 27 |
| 2570841 | Drill Core | 0.10 | 0.05 | 41.4 | 0.3 | <0.05 | 3.0 | 2.87 | 4.9 | 0.03 | <1 | <0.1 | 9.8 | 26 | 17 |
| 2570842 | Drill Core | 0.07 | 0.05 | 49.3 | 0.4 | <0.05 | 2.9 | 8.42 | 13.7 | 0.04 | <1 | <0.1 | 7.6 | 85 | 73 |
| 2570843 | Drill Core | 0.02 | 0.03 | 44.3 | 0.3 | <0.05 | 0.7 | 7.17 | 15.2 | 0.02 | <1 | <0.1 | 9.6 | 22 | 15 |
| 2570844 | Drill Core | 0.02 | 0.04 | 49.4 | 0.3 | <0.05 | 0.7 | 6.52 | 13.9 | 0.02 | <1 | <0.1 | 9.3 | 20 | 14 |
| 2570845 | Drill Core | <0.02 | 0.02 | 48.2 | 0.2 | <0.05 | 0.4 | 7.73 | 17.0 | <0.02 | <1 | <0.1 | 9.6 | 19 | 10 |
| 2570846 | Drill Core | 0.12 | 0.05 | 40.0 | 0.3 | <0.05 | 3.9 | 3.23 | 4.4 | <0.02 | <1 | 0.1 | 7.8 | 103 | 94 |
| 2570847 | Drill Core | 0.05 | 0.03 | 49.8 | 0.3 | <0.05 | 1.6 | 2.15 | 3.6 | <0.02 | <1 | <0.1 | 7.9 | 39 | 23 |
| 2570848 | Drill Core | 0.06 | 0.03 | 56.1 | 0.3 | <0.05 | 2.0 | 2.17 | 3.9 | <0.02 | <1 | 0.1 | 10.6 | 48 | 24 |
| 2570849 | Drill Core | 0.07 | 0.03 | 55.3 | 0.2 | <0.05 | 1.8 | 2.23 | 3.6 | <0.02 | <1 | <0.1 | 10.8 | 18 | 13 |
| 2570850 | Drill Core | <0.02 | 0.03 | 44.7 | 0.3 | <0.05 | 1.2 | 4.12 | 7.7 | 0.02 | <1 | <0.1 | 9.9 | 27 | 20 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570851 | Drill Core | 6.11 | 0.09 | 49.88 | 0.84 | 51.4 | 65 | 38.0 | 50.6 | 389 | 11.21 | <0.1 | <0.1 | 1.1 | 0.2 | 71.5 | 0.04 | 0.04 | <0.02 | 601 | 1.32 |
| 2570852 | Drill Core | 6.18 | 0.13 | 172.62 | 0.90 | 46.8 | 249 | 29.5 | 48.6 | 339 | 11.51 | 0.3 | <0.1 | 6.0 | 0.2 | 70.3 | 0.05 | 0.05 | 0.04 | 618 | 1.26 |
| 2570853 | Drill Core | 5.49 | 0.08 | 253.02 | 1.42 | 52.2 | 348 | 38.0 | 51.0 | 365 | 11.64 | <0.1 | <0.1 | 4.8 | 0.2 | 86.0 | 0.09 | 0.06 | 0.04 | 627 | 1.58 |
| 2570854 | Drill Core | 5.86 | 0.10 | 205.65 | 0.96 | 47.9 | 239 | 39.9 | 56.1 | 338 | 10.82 | 0.3 | <0.1 | 4.8 | 0.2 | 88.9 | 0.06 | 0.05 | 0.03 | 583 | 1.58 |
| 2570855 | Drill Core | 5.58 | 0.10 | 158.82 | 0.82 | 61.6 | 171 | 33.4 | 56.3 | 400 | 10.65 | 0.5 | 0.1 | 0.8 | 0.3 | 113.7 | 0.07 | 0.07 | <0.02 | 560 | 2.06 |
| 2570856 | Drill Core | 5.45 | 0.06 | 39.61 | 0.88 | 64.9 | 36 | 35.9 | 51.5 | 457 | 11.53 | 0.4 | 0.1 | 0.3 | 0.2 | 98.6 | 0.03 | 0.06 | <0.02 | 624 | 1.84 |
| 2570857 | Drill Core | 4.57 | 0.12 | 39.79 | 0.70 | 50.7 | 40 | 31.3 | 45.0 | 395 | 10.93 | 0.5 | 0.2 | 1.2 | 0.4 | 139.4 | 0.03 | 0.07 | <0.02 | 594 | 2.59 |
| 2570858 | Drill Core | 1.36 | 0.08 | 30.73 | 2.80 | 45.9 | 76 | 28.7 | 43.1 | 333 | 10.19 | 1.4 | 1.0 | 2.2 | 3.3 | 87.7 | 0.10 | 0.33 | 0.03 | 527 | 1.92 |
| 2570859 | Drill Core | 2.42 | 0.08 | 62.90 | 0.73 | 53.5 | 61 | 44.4 | 53.8 | 394 | 10.80 | 0.3 | 0.1 | 1.1 | 0.2 | 83.1 | 0.04 | 0.08 | <0.02 | 588 | 1.61 |
| 2570860 | Rock | 0.83 | 0.04 | 0.75 | 0.46 | 1.4 | 3 | <0.1 | 0.2 | 21 | 0.03 | 0.4 | 1.6 | 0.7 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.55 |
| 2570861 | Drill Core | 3.73 | 0.10 | 338.82 | 7.14 | 61.4 | 495 | 47.0 | 54.3 | 415 | 10.76 | 0.5 | <0.1 | 13.9 | 0.2 | 72.5 | 0.07 | 0.14 | 0.11 | 539 | 1.39 |
| 2570862 | Drill Core | 4.59 | 0.11 | 239.15 | 3.27 | 53.6 | 332 | 38.6 | 55.0 | 451 | 11.52 | 0.6 | 0.1 | 1.6 | 0.3 | 134.4 | 0.11 | 0.09 | 0.02 | 611 | 2.85 |
| 2570863 | Drill Core | 5.88 | 0.13 | 47.39 | 1.07 | 54.9 | 58 | 41.4 | 50.4 | 410 | 11.33 | 0.2 | 0.2 | 1.5 | 0.7 | 77.6 | 0.07 | 0.07 | <0.02 | 611 | 1.58 |
| 2570864 | Drill Core | 3.29 | 0.91 | 142.74 | 1.32 | 50.8 | 134 | 38.6 | 58.7 | 356 | 10.60 | 0.5 | 0.3 | 2.2 | 0.8 | 87.4 | 0.05 | 0.08 | 0.03 | 579 | 1.56 |
| 2570865 | Core DUP | | 0.70 | 147.60 | 1.40 | 51.7 | 139 | 38.4 | 58.3 | 353 | 10.94 | 0.7 | 0.2 | 1.3 | 0.8 | 91.2 | 0.05 | 0.07 | 0.02 | 599 | 1.66 |
| 2570866 | Drill Core | 2.99 | 0.06 | 275.51 | 1.29 | 47.8 | 291 | 38.8 | 49.3 | 344 | 10.15 | 0.6 | 0.1 | 1.8 | 0.4 | 104.3 | 0.08 | 0.16 | 0.03 | 542 | 2.31 |
| 2570867 | Drill Core | 3.63 | 0.09 | 115.06 | 1.56 | 58.8 | 156 | 43.1 | 53.6 | 376 | 11.90 | 0.8 | 0.2 | 1.6 | 0.6 | 132.0 | 0.06 | 0.38 | 0.03 | 633 | 2.56 |
| 2570868 | Drill Core | 3.43 | 0.09 | 174.94 | 1.01 | 51.7 | 210 | 37.6 | 54.5 | 354 | 11.15 | 0.4 | <0.1 | 3.4 | 0.2 | 91.9 | 0.05 | 0.16 | 0.03 | 586 | 1.52 |
| 2570869 | Drill Core | 3.79 | 0.05 | 65.92 | 0.64 | 47.9 | 82 | 37.0 | 51.8 | 344 | 11.67 | 0.7 | 0.1 | 1.1 | 0.3 | 100.3 | 0.03 | 0.13 | <0.02 | 615 | 1.91 |
| 2570870 | Rock Pulp | 0.09 | 237.77 | 2586.79 | 49.98 | 284.4 | 3190 | 10.5 | 19.5 | 217 | 3.36 | 25.7 | 6.3 | 409.2 | 12.5 | 52.7 | 2.65 | 7.24 | 4.61 | 43 | 0.92 |
| 2570871 | Drill Core | 3.14 | 0.11 | 18.85 | 0.63 | 54.6 | 24 | 53.7 | 45.0 | 367 | 10.76 | 0.7 | <0.1 | 1.6 | 0.1 | 78.2 | 0.03 | 0.11 | <0.02 | 553 | 1.04 |
| 2570872 | Drill Core | 2.73 | 0.09 | 15.95 | 0.51 | 49.2 | 18 | 47.1 | 39.2 | 341 | 10.26 | 0.8 | <0.1 | <0.2 | 0.1 | 51.2 | 0.04 | 0.06 | <0.02 | 548 | 1.24 |
| 2570873 | Drill Core | 4.86 | 0.04 | 14.59 | 0.62 | 57.2 | 21 | 58.1 | 46.8 | 385 | 10.38 | 0.3 | <0.1 | 0.5 | 0.1 | 58.6 | 0.04 | 0.05 | <0.02 | 546 | 1.06 |
| 2570874 | Drill Core | 1.68 | 0.08 | 19.52 | 1.08 | 52.4 | 23 | 49.6 | 45.2 | 346 | 9.69 | 0.6 | 0.2 | 2.8 | 0.4 | 69.4 | 0.05 | 0.10 | 0.02 | 545 | 1.23 |
| 2570875 | Drill Core | 4.74 | 0.07 | 19.25 | 1.98 | 54.4 | 28 | 54.0 | 45.3 | 361 | 9.52 | 0.2 | 0.7 | 2.1 | 2.6 | 63.9 | 0.05 | 0.07 | <0.02 | 528 | 1.15 |
| 2570876 | Drill Core | 4.89 | 0.07 | 12.03 | 0.71 | 57.2 | 14 | 51.5 | 44.5 | 430 | 10.15 | 0.4 | 0.1 | 0.3 | 0.3 | 69.9 | 0.03 | 0.08 | <0.02 | 528 | 1.34 |
| 2570877 | Drill Core | 5.81 | 0.07 | 15.42 | 0.81 | 62.5 | 26 | 51.0 | 45.9 | 444 | 10.53 | 0.7 | 0.1 | 20.6 | 0.4 | 66.8 | 0.05 | 0.09 | <0.02 | 561 | 1.35 |
| 2570878 | Drill Core | 6.12 | 0.07 | 31.73 | 0.61 | 61.7 | 24 | 48.0 | 46.1 | 432 | 9.97 | 0.1 | <0.1 | 1.0 | 0.2 | 69.1 | 0.04 | 0.05 | <0.02 | 533 | 1.40 |
| 2570879 | Drill Core | 2.30 | 0.08 | 12.18 | 0.81 | 59.4 | 16 | 49.7 | 41.6 | 432 | 9.39 | <0.1 | <0.1 | 1.6 | 0.1 | 55.0 | 0.04 | 0.08 | <0.02 | 482 | 1.51 |
| 2570880 | Drill Core | 3.98 | 0.09 | 39.02 | 0.63 | 52.8 | 32 | 48.7 | 39.1 | 412 | 8.95 | 0.1 | <0.1 | 1.8 | 0.2 | 60.5 | 0.04 | 0.11 | <0.02 | 486 | 1.20 |

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#1510 - 250 Howe St.
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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570851 | Drill Core | 0.162 | 2.9 | 23.4 | 2.03 | 616.4 | 0.254 | <1 | 1.73 | 0.116 | 1.21 | <0.1 | 8.3 | 0.15 | <0.02 | <5 | 0.2 | <0.02 | 9.4 | 0.73 | 0.3 |
| 2570852 | Drill Core | 0.166 | 3.2 | 13.0 | 1.76 | 479.7 | 0.233 | <1 | 1.48 | 0.104 | 1.01 | <0.1 | 8.3 | 0.12 | 0.02 | <5 | 0.2 | <0.02 | 9.3 | 0.61 | 0.2 |
| 2570853 | Drill Core | 0.183 | 4.1 | 18.5 | 1.90 | 530.7 | 0.229 | <1 | 1.60 | 0.133 | 1.02 | <0.1 | 10.3 | 0.13 | 0.03 | <5 | 0.5 | <0.02 | 9.5 | 0.61 | 0.2 |
| 2570854 | Drill Core | 0.282 | 5.4 | 14.5 | 1.98 | 628.8 | 0.173 | <1 | 1.66 | 0.105 | 1.23 | <0.1 | 8.1 | 0.15 | 0.04 | <5 | 0.2 | <0.02 | 9.0 | 0.66 | 0.3 |
| 2570855 | Drill Core | 0.348 | 6.6 | 17.9 | 1.89 | 532.2 | 0.145 | <1 | 1.56 | 0.120 | 0.97 | <0.1 | 9.0 | 0.12 | 0.04 | 6 | 0.2 | <0.02 | 9.8 | 0.62 | 0.3 |
| 2570856 | Drill Core | 0.255 | 5.5 | 20.5 | 2.01 | 678.4 | 0.192 | <1 | 1.72 | 0.127 | 1.17 | <0.1 | 10.0 | 0.14 | <0.02 | <5 | 0.1 | <0.02 | 9.5 | 0.69 | 0.2 |
| 2570857 | Drill Core | 0.556 | 11.6 | 19.2 | 1.57 | 431.1 | 0.098 | <1 | 1.33 | 0.138 | 0.74 | <0.1 | 10.3 | 0.09 | 0.02 | 6 | <0.1 | <0.02 | 8.5 | 0.51 | 0.2 |
| 2570858 | Drill Core | 0.204 | 7.2 | 18.6 | 1.33 | 283.3 | 0.225 | 1 | 1.02 | 0.113 | 0.63 | <0.1 | 9.3 | 0.12 | 0.10 | <5 | <0.1 | <0.02 | 6.1 | 0.84 | 0.2 |
| 2570859 | Drill Core | 0.212 | 4.5 | 18.3 | 1.95 | 605.5 | 0.217 | <1 | 1.64 | 0.094 | 1.15 | <0.1 | 8.1 | 0.15 | 0.02 | <5 | 0.2 | <0.02 | 9.6 | 0.94 | 0.2 |
| 2570860 | Rock | 0.005 | <0.5 | 0.5 | 1.36 | 6.7 | 0.001 | <1 | 0.04 | 0.003 | <0.01 | <0.1 | 1.4 | <0.02 | 0.04 | <5 | 0.1 | 0.25 | <0.1 | <0.02 | <0.1 |
| 2570861 | Drill Core | 0.195 | 3.4 | 16.5 | 2.20 | 283.7 | 0.308 | <1 | 1.88 | 0.099 | 1.41 | <0.1 | 7.8 | 0.20 | 0.51 | <5 | 0.8 | 0.03 | 9.8 | 1.22 | 0.2 |
| 2570862 | Drill Core | 0.227 | 5.0 | 12.7 | 1.89 | 509.9 | 0.238 | <1 | 1.52 | 0.095 | 1.11 | <0.1 | 8.2 | 0.17 | 0.13 | <5 | 0.4 | <0.02 | 9.6 | 1.10 | 0.2 |
| 2570863 | Drill Core | 0.160 | 3.5 | 20.8 | 1.79 | 575.8 | 0.245 | <1 | 1.52 | 0.108 | 1.07 | <0.1 | 8.9 | 0.14 | <0.02 | <5 | 0.1 | <0.02 | 8.7 | 0.76 | 0.2 |
| 2570864 | Drill Core | 0.253 | 5.0 | 30.4 | 2.21 | 793.3 | 0.221 | <1 | 1.79 | 0.099 | 1.46 | <0.1 | 7.9 | 0.18 | 0.05 | <5 | 0.3 | <0.02 | 8.4 | 1.01 | 0.2 |
| 2570865 | Core DUP | 0.270 | 5.1 | 31.3 | 2.25 | 791.3 | 0.226 | <1 | 1.82 | 0.106 | 1.46 | <0.1 | 7.7 | 0.18 | 0.05 | 9 | 0.3 | <0.02 | 8.4 | 1.04 | 0.3 |
| 2570866 | Drill Core | 0.219 | 4.2 | 22.2 | 1.83 | 522.4 | 0.217 | <1 | 1.40 | 0.086 | 0.97 | <0.1 | 7.5 | 0.12 | 0.06 | <5 | 0.2 | <0.02 | 8.7 | 0.77 | 0.2 |
| 2570867 | Drill Core | 0.334 | 7.0 | 22.1 | 2.08 | 363.5 | 0.192 | <1 | 1.47 | 0.100 | 0.71 | <0.1 | 10.4 | 0.14 | 0.09 | <5 | 0.2 | <0.02 | 10.0 | 0.80 | 0.2 |
| 2570868 | Drill Core | 0.197 | 3.7 | 24.1 | 2.01 | 447.4 | 0.201 | <1 | 1.55 | 0.083 | 0.88 | <0.1 | 8.4 | 0.12 | 0.04 | <5 | 0.1 | <0.02 | 9.0 | 0.96 | 0.2 |
| 2570869 | Drill Core | 0.277 | 5.0 | 23.6 | 1.47 | 230.7 | 0.149 | <1 | 1.17 | 0.091 | 0.49 | <0.1 | 9.7 | 0.06 | <0.02 | <5 | 0.3 | <0.02 | 9.0 | 0.41 | 0.2 |
| 2570870 | Rock Pulp | 0.053 | 23.3 | 73.1 | 0.65 | 60.8 | 0.044 | 2 | 1.33 | 0.033 | 0.56 | 3.7 | 5.5 | 0.42 | 1.98 | 74 | 3.0 | 0.30 | 3.9 | 2.29 | 0.1 |
| 2570871 | Drill Core | 0.083 | 1.6 | 48.2 | 1.90 | 519.2 | 0.306 | <1 | 1.59 | 0.083 | 0.99 | <0.1 | 7.8 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 9.0 | 0.69 | 0.2 |
| 2570872 | Drill Core | 0.047 | 1.5 | 43.7 | 1.49 | 392.9 | 0.293 | <1 | 1.26 | 0.106 | 0.74 | <0.1 | 8.8 | 0.09 | <0.02 | <5 | 0.1 | <0.02 | 8.6 | 0.50 | 0.2 |
| 2570873 | Drill Core | 0.107 | 2.1 | 39.1 | 2.06 | 707.2 | 0.318 | <1 | 1.79 | 0.105 | 1.35 | <0.1 | 8.6 | 0.16 | <0.02 | <5 | 0.1 | <0.02 | 9.5 | 0.82 | 0.3 |
| 2570874 | Drill Core | 0.168 | 3.5 | 35.2 | 1.78 | 555.6 | 0.225 | 1 | 1.53 | 0.094 | 1.11 | <0.1 | 7.1 | 0.14 | <0.02 | 13 | <0.1 | <0.02 | 8.1 | 0.71 | 0.1 |
| 2570875 | Drill Core | 0.139 | 4.4 | 39.5 | 1.95 | 612.2 | 0.262 | 2 | 1.68 | 0.105 | 1.26 | <0.1 | 7.5 | 0.16 | <0.02 | <5 | <0.1 | <0.02 | 8.9 | 0.93 | 0.2 |
| 2570876 | Drill Core | 0.185 | 3.9 | 51.9 | 2.00 | 644.6 | 0.273 | 2 | 1.80 | 0.110 | 1.21 | <0.1 | 8.5 | 0.15 | <0.02 | <5 | <0.1 | <0.02 | 9.0 | 0.95 | 0.2 |
| 2570877 | Drill Core | 0.132 | 2.9 | 56.0 | 2.04 | 630.6 | 0.297 | 2 | 1.82 | 0.113 | 1.16 | <0.1 | 8.4 | 0.14 | <0.02 | <5 | <0.1 | <0.02 | 9.4 | 0.80 | 0.2 |
| 2570878 | Drill Core | 0.144 | 3.1 | 45.7 | 2.01 | 712.7 | 0.277 | 1 | 1.83 | 0.108 | 1.28 | <0.1 | 7.4 | 0.16 | <0.02 | <5 | <0.1 | <0.02 | 9.8 | 0.79 | 0.2 |
| 2570879 | Drill Core | 0.054 | 1.4 | 62.0 | 2.00 | 618.4 | 0.333 | <1 | 1.76 | 0.093 | 1.10 | <0.1 | 7.3 | 0.14 | <0.02 | <5 | <0.1 | <0.02 | 9.1 | 0.68 | 0.2 |
| 2570880 | Drill Core | 0.059 | 2.0 | 60.8 | 1.66 | 452.4 | 0.316 | 1 | 1.54 | 0.121 | 0.81 | <0.1 | 9.1 | 0.10 | 0.16 | 9 | <0.1 | <0.02 | 8.2 | 0.49 | 0.2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570851 | Drill Core | 0.03 | 0.04 | 46.9 | 0.2 | <0.05 | 1.0 | 3.40 | 6.6 | <0.02 | <1 | <0.1 | 9.3 | 21 | 17 |
| 2570852 | Drill Core | 0.03 | 0.03 | 38.5 | 0.2 | <0.05 | 1.0 | 3.12 | 6.5 | <0.02 | <1 | <0.1 | 7.5 | 68 | 52 |
| 2570853 | Drill Core | 0.03 | 0.04 | 39.5 | 0.3 | <0.05 | 1.3 | 4.37 | 8.5 | 0.02 | <1 | <0.1 | 5.9 | 55 | 33 |
| 2570854 | Drill Core | <0.02 | 0.03 | 46.5 | 0.3 | <0.05 | 0.5 | 5.61 | 11.8 | 0.02 | <1 | <0.1 | 5.5 | 74 | 37 |
| 2570855 | Drill Core | <0.02 | 0.03 | 37.9 | 0.3 | <0.05 | 0.6 | 6.45 | 14.2 | <0.02 | <1 | <0.1 | 6.9 | 49 | 29 |
| 2570856 | Drill Core | <0.02 | 0.03 | 45.7 | 0.3 | <0.05 | 0.5 | 5.88 | 11.8 | 0.02 | <1 | <0.1 | 7.9 | 29 | 22 |
| 2570857 | Drill Core | <0.02 | 0.03 | 29.2 | 0.3 | <0.05 | 0.5 | 9.54 | 23.3 | <0.02 | <1 | <0.1 | 4.7 | 34 | 16 |
| 2570858 | Drill Core | 0.03 | 0.05 | 28.5 | 0.4 | <0.05 | 1.6 | 5.71 | 14.0 | <0.02 | <1 | <0.1 | 4.7 | 48 | 40 |
| 2570859 | Drill Core | <0.02 | 0.03 | 47.2 | 0.3 | <0.05 | 0.8 | 4.52 | 9.6 | <0.02 | <1 | <0.1 | 9.1 | 78 | 71 |
| 2570860 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.67 | 0.2 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2570861 | Drill Core | 0.03 | 0.05 | 59.5 | 0.3 | <0.05 | 1.4 | 3.66 | 7.5 | <0.02 | 1 | <0.1 | 10.0 | 107 | 90 |
| 2570862 | Drill Core | <0.02 | 0.03 | 50.9 | 0.2 | <0.05 | 0.9 | 5.15 | 10.3 | <0.02 | <1 | <0.1 | 10.4 | 39 | 36 |
| 2570863 | Drill Core | 0.03 | 0.03 | 43.5 | 0.2 | <0.05 | 1.0 | 3.71 | 7.5 | <0.02 | <1 | <0.1 | 8.1 | 50 | 38 |
| 2570864 | Drill Core | <0.02 | 0.03 | 55.5 | 0.2 | <0.05 | 0.6 | 4.47 | 10.5 | <0.02 | 2 | <0.1 | 9.5 | 52 | 26 |
| 2570865 | Core DUP | <0.02 | 0.04 | 56.1 | 0.2 | <0.05 | 0.6 | 4.55 | 10.5 | <0.02 | <1 | <0.1 | 8.6 | 42 | 24 |
| 2570866 | Drill Core | 0.02 | 0.03 | 38.2 | 0.3 | <0.05 | 0.7 | 4.04 | 8.9 | <0.02 | <1 | <0.1 | 7.0 | 54 | 40 |
| 2570867 | Drill Core | 0.02 | 0.03 | 28.3 | 0.3 | <0.05 | 0.7 | 6.43 | 14.5 | <0.02 | <1 | <0.1 | 6.4 | 31 | 17 |
| 2570868 | Drill Core | <0.02 | 0.03 | 34.6 | 0.2 | <0.05 | 0.8 | 3.72 | 7.9 | <0.02 | <1 | <0.1 | 9.1 | 27 | 28 |
| 2570869 | Drill Core | 0.03 | 0.02 | 19.8 | 0.2 | <0.05 | 1.0 | 5.00 | 10.5 | <0.02 | <1 | <0.1 | 6.1 | 30 | 35 |
| 2570870 | Rock Pulp | 0.10 | 0.09 | 37.5 | 1.3 | <0.05 | 3.6 | 9.29 | 40.5 | 0.07 | 44 | 0.8 | 5.7 | <10 | <2 |
| 2570871 | Drill Core | 0.07 | 0.06 | 38.2 | 0.2 | <0.05 | 2.4 | 2.17 | 3.3 | <0.02 | <1 | <0.1 | 9.1 | 23 | 14 |
| 2570872 | Drill Core | 0.11 | 0.05 | 28.7 | 0.2 | <0.05 | 3.4 | 2.45 | 3.4 | <0.02 | <1 | <0.1 | 6.1 | 17 | 8 |
| 2570873 | Drill Core | 0.05 | 0.05 | 52.5 | 0.2 | <0.05 | 1.7 | 2.41 | 4.7 | <0.02 | <1 | <0.1 | 10.5 | 79 | 69 |
| 2570874 | Drill Core | <0.02 | 0.03 | 43.3 | 0.2 | <0.05 | 1.0 | 3.36 | 7.3 | 0.03 | <1 | 0.1 | 10.2 | 27 | 26 |
| 2570875 | Drill Core | 0.04 | 0.04 | 50.6 | 0.3 | <0.05 | 1.3 | 3.21 | 8.6 | <0.02 | 2 | <0.1 | 11.6 | 22 | 28 |
| 2570876 | Drill Core | 0.04 | 0.04 | 50.1 | 0.2 | <0.05 | 1.5 | 3.85 | 7.9 | <0.02 | <1 | <0.1 | 12.2 | 15 | 26 |
| 2570877 | Drill Core | 0.06 | 0.05 | 45.4 | 0.2 | <0.05 | 2.2 | 3.30 | 6.4 | <0.02 | 2 | 0.2 | 12.6 | 16 | 37 |
| 2570878 | Drill Core | 0.04 | 0.04 | 50.9 | 0.2 | <0.05 | 1.4 | 3.33 | 6.6 | <0.02 | <1 | <0.1 | 12.2 | 16 | 22 |
| 2570879 | Drill Core | 0.10 | 0.06 | 43.2 | 0.2 | <0.05 | 2.9 | 2.27 | 3.2 | <0.02 | <1 | <0.1 | 11.3 | 20 | 35 |
| 2570880 | Drill Core | 0.14 | 0.07 | 31.5 | 0.3 | <0.05 | 4.6 | 3.27 | 4.7 | <0.02 | 1 | 0.1 | 10.0 | <10 | 7 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570881 | Drill Core | 1.56 | 0.10 | 279.89 | 1.28 | 66.2 | 210 | 43.4 | 41.3 | 536 | 5.97 | 1.0 | <0.1 | 3.0 | 0.2 | 145.6 | 0.10 | 0.37 | 0.03 | 238 | 1.69 |
| 2570882 | Drill Core | 3.26 | 0.05 | 9.01 | 0.49 | 80.4 | 11 | 89.3 | 59.0 | 575 | 7.60 | 0.1 | <0.1 | 0.4 | <0.1 | 59.6 | 0.01 | 0.05 | <0.02 | 361 | 0.60 |
| 2570883 | Drill Core | 4.79 | 0.09 | 8.25 | 1.45 | 45.8 | 13 | 34.2 | 28.6 | 342 | 8.06 | 0.5 | 0.3 | 0.3 | 0.7 | 55.6 | 0.05 | 0.33 | 0.04 | 431 | 1.42 |
| 2570884 | Drill Core | 2.19 | 0.09 | 8.01 | 0.58 | 39.0 | 7 | 34.4 | 29.1 | 328 | 7.40 | 0.5 | <0.1 | 1.1 | 0.2 | 58.2 | 0.03 | 0.20 | <0.02 | 383 | 1.25 |
| 2570885 | Drill Core | 2.16 | 0.09 | 5.61 | 0.63 | 38.1 | 8 | 31.1 | 28.4 | 347 | 7.66 | <0.1 | <0.1 | 0.9 | 0.2 | 64.7 | 0.03 | 0.15 | <0.02 | 429 | 1.65 |
| 2570886 | Drill Core | 2.93 | 0.07 | 8.35 | 0.69 | 55.0 | 12 | 52.5 | 41.4 | 392 | 9.92 | 0.1 | <0.1 | 0.4 | <0.1 | 61.7 | 0.02 | 0.16 | <0.02 | 526 | 1.26 |
| 2570887 | Drill Core | 5.63 | 0.09 | 17.56 | 0.58 | 53.5 | 24 | 55.4 | 44.2 | 396 | 10.07 | 0.4 | <0.1 | <0.2 | 0.1 | 75.2 | 0.03 | 0.10 | <0.02 | 527 | 1.40 |
| 2570888 | Drill Core | 5.81 | 0.08 | 8.81 | 0.59 | 49.2 | 13 | 54.7 | 50.6 | 378 | 10.62 | 0.2 | <0.1 | 1.4 | 0.1 | 57.9 | 0.03 | 0.09 | <0.02 | 579 | 1.17 |
| 2570889 | Drill Core | 2.91 | 0.08 | 10.75 | 0.54 | 51.5 | 14 | 52.3 | 45.4 | 408 | 9.18 | <0.1 | <0.1 | 1.0 | 0.1 | 62.8 | 0.02 | 0.08 | <0.02 | 499 | 1.37 |
| 2570890 | Drill Core | 5.06 | 0.06 | 3.62 | 0.77 | 47.2 | 12 | 40.9 | 33.6 | 475 | 8.94 | 0.7 | <0.1 | 0.3 | 0.2 | 92.7 | 0.02 | 0.17 | <0.02 | 451 | 2.86 |
| 2570891 | Drill Core | 5.41 | 0.10 | 4.37 | 0.52 | 38.1 | 9 | 32.2 | 25.5 | 328 | 6.81 | 0.5 | 0.1 | 1.2 | 0.2 | 63.9 | 0.02 | 0.17 | <0.02 | 359 | 1.74 |
| 2570892 | Drill Core | 5.38 | 0.09 | 4.06 | 0.92 | 50.9 | 10 | 46.1 | 43.5 | 402 | 11.30 | 0.8 | 0.2 | 1.6 | 0.4 | 106.1 | 0.02 | 0.17 | <0.02 | 618 | 2.39 |
| 2570893 | Drill Core | 5.56 | 0.48 | 22.10 | 0.65 | 51.8 | 27 | 39.4 | 48.3 | 564 | 12.94 | 0.6 | 0.2 | 3.9 | 0.5 | 173.9 | 0.04 | 0.33 | <0.02 | 703 | 3.93 |
| 2570894 | Drill Core | 3.35 | 0.10 | 21.81 | 0.94 | 48.6 | 31 | 22.5 | 46.3 | 621 | 12.72 | 1.4 | 0.2 | 2.2 | 0.5 | 192.1 | 0.05 | 0.49 | <0.02 | 694 | 4.55 |
| 2570895 | Drill Core | 1.91 | 3.65 | 26.80 | 13.74 | 60.9 | 98 | 38.6 | 41.6 | 1477 | 11.38 | 7.8 | <0.1 | 33.0 | 0.2 | 321.9 | 0.15 | 0.14 | 0.08 | 672 | 10.08 |
| 2570896 | Drill Core | 5.26 | 0.10 | 4.73 | 0.62 | 45.3 | 13 | 50.8 | 41.6 | 616 | 10.87 | 0.3 | <0.1 | 1.0 | 0.2 | 105.6 | 0.07 | 0.11 | <0.02 | 619 | 3.97 |
| 2570897 | Drill Core | 4.69 | 0.11 | 4.11 | 0.60 | 45.3 | 11 | 43.1 | 39.1 | 984 | 11.47 | 0.6 | <0.1 | 0.9 | 0.2 | 155.1 | 0.08 | 0.10 | <0.02 | 664 | 6.84 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570881 | Drill Core | 0.135 | 3.6 | 74.6 | 2.59 | 177.1 | 0.325 | 3 | 2.44 | 0.103 | 1.09 | <0.1 | 6.8 | 0.14 | 0.77 | 6 | 1.7 | 0.03 | 8.9 | 1.00 | 0.1 |
| 2570882 | Drill Core | 0.024 | 0.6 | 97.5 | 4.47 | 1894.4 | 0.578 | <1 | 3.90 | 0.147 | 3.36 | <0.1 | 7.0 | 0.35 | 0.03 | <5 | <0.1 | <0.02 | 10.4 | 2.80 | 0.3 |
| 2570883 | Drill Core | 0.028 | 1.5 | 129.9 | 1.32 | 258.2 | 0.269 | 1 | 1.03 | 0.106 | 0.47 | <0.1 | 9.1 | 0.09 | 0.05 | <5 | <0.1 | <0.02 | 6.8 | 0.48 | 0.1 |
| 2570884 | Drill Core | 0.033 | 1.5 | 201.2 | 1.01 | 132.7 | 0.227 | <1 | 0.80 | 0.081 | 0.23 | <0.1 | 8.4 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 6.9 | 0.22 | 0.2 |
| 2570885 | Drill Core | 0.034 | 1.6 | 191.1 | 1.25 | 121.5 | 0.236 | <1 | 0.98 | 0.114 | 0.28 | <0.1 | 9.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 6.1 | 0.19 | 0.1 |
| 2570886 | Drill Core | 0.041 | 1.3 | 89.0 | 1.88 | 434.1 | 0.340 | <1 | 1.55 | 0.101 | 0.89 | <0.1 | 9.6 | 0.11 | <0.02 | <5 | <0.1 | <0.02 | 8.4 | 0.75 | 0.2 |
| 2570887 | Drill Core | 0.110 | 2.5 | 116.2 | 2.08 | 594.4 | 0.310 | <1 | 1.74 | 0.105 | 1.09 | <0.1 | 7.6 | 0.13 | 0.04 | <5 | <0.1 | <0.02 | 9.2 | 0.97 | 0.2 |
| 2570888 | Drill Core | 0.106 | 2.3 | 74.9 | 2.04 | 673.0 | 0.313 | 1 | 1.70 | 0.095 | 1.24 | <0.1 | 8.4 | 0.15 | <0.02 | <5 | <0.1 | <0.02 | 9.1 | 0.84 | 0.2 |
| 2570889 | Drill Core | 0.046 | 1.2 | 78.8 | 2.19 | 694.3 | 0.368 | <1 | 1.82 | 0.093 | 1.40 | <0.1 | 7.2 | 0.17 | <0.02 | 5 | <0.1 | <0.02 | 8.7 | 1.17 | 0.2 |
| 2570890 | Drill Core | 0.104 | 2.3 | 236.8 | 1.72 | 206.7 | 0.257 | <1 | 1.25 | 0.098 | 0.49 | <0.1 | 10.7 | 0.08 | <0.02 | <5 | <0.1 | <0.02 | 8.2 | 0.58 | 0.2 |
| 2570891 | Drill Core | 0.089 | 2.3 | 292.8 | 1.21 | 119.3 | 0.194 | <1 | 0.92 | 0.089 | 0.28 | <0.1 | 8.8 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 6.3 | 0.29 | <0.1 |
| 2570892 | Drill Core | 0.338 | 8.1 | 92.2 | 1.63 | 340.8 | 0.156 | <1 | 1.36 | 0.098 | 0.70 | <0.1 | 8.6 | 0.10 | <0.02 | 6 | <0.1 | <0.02 | 10.1 | 0.90 | 0.2 |
| 2570893 | Drill Core | 0.456 | 12.2 | 55.8 | 2.05 | 512.1 | 0.119 | <1 | 1.60 | 0.102 | 1.09 | <0.1 | 9.2 | 0.19 | <0.02 | <5 | <0.1 | 0.03 | 10.9 | 1.91 | 0.3 |
| 2570894 | Drill Core | 0.512 | 13.4 | 44.6 | 2.14 | 424.4 | 0.086 | <1 | 1.58 | 0.115 | 1.02 | <0.1 | 11.6 | 0.19 | 0.04 | <5 | <0.1 | <0.02 | 11.0 | 1.89 | 0.3 |
| 2570895 | Drill Core | 0.110 | 4.2 | 36.6 | 2.65 | 278.8 | 0.210 | <1 | 1.77 | 0.049 | 0.89 | <0.1 | 25.2 | 0.22 | 0.07 | <5 | <0.1 | 0.04 | 11.4 | 3.18 | 0.3 |
| 2570896 | Drill Core | 0.058 | 1.9 | 103.5 | 2.25 | 427.3 | 0.348 | <1 | 1.54 | 0.085 | 1.06 | <0.1 | 12.4 | 0.19 | <0.02 | <5 | <0.1 | 0.02 | 9.0 | 1.91 | 0.3 |
| 2570897 | Drill Core | 0.052 | 2.0 | 118.4 | 2.49 | 329.7 | 0.299 | <1 | 1.62 | 0.060 | 1.10 | <0.1 | 21.7 | 0.25 | <0.02 | <5 | <0.1 | <0.02 | 10.0 | 3.43 | 0.3 |

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Project: TRX16-01
Report Date: September 22, 2016



# CERTIFICATE OF ANALYSIS VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570881 | Drill Core | 0.17 | 0.10 | 41.2 | 0.3 | <0.05 | 4.6 | 4.15 | 7.8 | 0.02 | <1 | <0.1 | 15.6 | 13 | 15 |
| 2570882 | Drill Core | 0.04 | 0.06 | 124.2 | 0.3 | <0.05 | 2.0 | 0.94 | 1.3 | <0.02 | <1 | <0.1 | 29.5 | 28 | 10 |
| 2570883 | Drill Core | 0.14 | 0.06 | 19.7 | 0.4 | <0.05 | 4.2 | 3.08 | 3.7 | 0.02 | <1 | 0.1 | 5.6 | <10 | 5 |
| 2570884 | Drill Core | 0.15 | 0.03 | 10.7 | 0.4 | <0.05 | 4.1 | 3.30 | 3.7 | <0.02 | <1 | <0.1 | 4.3 | <10 | 4 |
| 2570885 | Drill Core | 0.17 | 0.05 | 9.0 | 0.4 | <0.05 | 4.9 | 3.38 | 3.8 | <0.02 | <1 | <0.1 | 4.4 | <10 | 4 |
| 2570886 | Drill Core | 0.10 | 0.07 | 34.2 | 0.4 | <0.05 | 3.4 | 2.49 | 2.9 | <0.02 | 1 | <0.1 | 10.5 | <10 | <2 |
| 2570887 | Drill Core | 0.09 | 0.05 | 41.7 | 0.3 | <0.05 | 2.8 | 2.98 | 5.6 | <0.02 | <1 | <0.1 | 13.4 | 12 | 6 |
| 2570888 | Drill Core | 0.04 | 0.05 | 48.2 | 0.2 | <0.05 | 1.7 | 2.52 | 5.0 | <0.02 | <1 | <0.1 | 14.2 | 11 | <2 |
| 2570889 | Drill Core | 0.06 | 0.06 | 53.6 | 0.2 | <0.05 | 2.3 | 1.92 | 2.7 | <0.02 | <1 | 0.1 | 13.4 | 16 | 13 |
| 2570890 | Drill Core | 0.13 | 0.05 | 19.9 | 0.3 | <0.05 | 3.6 | 3.55 | 5.4 | <0.02 | <1 | 0.2 | 6.3 | <10 | 8 |
| 2570891 | Drill Core | 0.08 | 0.03 | 10.4 | 0.3 | <0.05 | 3.2 | 3.54 | 4.9 | <0.02 | <1 | 0.4 | 6.1 | <10 | 4 |
| 2570892 | Drill Core | <0.02 | 0.03 | 29.6 | 0.3 | <0.05 | 0.9 | 7.12 | 16.4 | <0.02 | <1 | <0.1 | 10.0 | <10 | 12 |
| 2570893 | Drill Core | <0.02 | 0.03 | 49.7 | 0.3 | <0.05 | 0.4 | 11.21 | 25.8 | 0.03 | 1 | <0.1 | 9.5 | 20 | 28 |
| 2570894 | Drill Core | <0.02 | 0.02 | 48.9 | 0.3 | <0.05 | 0.2 | 13.34 | 28.3 | 0.03 | 1 | 0.4 | 8.3 | 10 | 20 |
| 2570895 | Drill Core | 0.13 | 0.02 | 47.6 | 0.3 | <0.05 | 2.9 | 6.55 | 8.8 | 0.06 | <1 | 0.2 | 6.7 | 38 | 72 |
| 2570896 | Drill Core | 0.12 | 0.03 | 47.6 | 0.3 | <0.05 | 3.8 | 3.65 | 4.5 | <0.02 | <1 | <0.1 | 7.8 | <10 | 4 |
| 2570897 | Drill Core | 0.18 | 0.03 | 56.8 | 0.3 | <0.05 | 3.7 | 4.61 | 4.9 | 0.04 | <1 | 0.1 | 5.8 | <10 | <2 |

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Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570702 | Drill Core | 6.32 | 0.12 | 29.11 | 5.32 | 47.2 | 32 | 46.4 | 46.0 | 326 | 9.17 | 0.8 | <0.1 | <0.2 | 0.2 | 83.5 | 0.02 | 0.08 | <0.02 | 521 | 1.57 |
| REP 2570702 | QC | | 0.15 | 30.13 | 5.28 | 47.9 | 33 | 46.3 | 45.3 | 344 | 9.26 | 0.8 | <0.1 | <0.2 | 0.2 | 87.3 | 0.03 | 0.09 | <0.02 | 527 | 1.55 |
| 2570735 | Drill Core | 5.06 | 0.12 | 94.06 | 1.03 | 40.8 | 26 | 42.7 | 42.1 | 250 | 9.06 | 0.4 | <0.1 | 1.0 | 0.2 | 77.1 | 0.04 | 0.06 | <0.02 | 499 | 1.67 |
| REP 2570735 | QC | | 0.11 | 100.97 | 1.05 | 43.2 | 26 | 44.8 | 47.1 | 263 | 8.88 | 0.3 | <0.1 | 0.8 | 0.2 | 83.7 | 0.05 | 0.05 | <0.02 | 490 | 1.68 |
| 2570770 | Drill Core | 3.95 | 0.10 | 308.93 | 0.46 | 32.3 | 72 | 52.8 | 37.2 | 479 | 5.39 | 0.3 | <0.1 | 3.7 | <0.1 | 174.8 | 0.09 | 0.09 | <0.02 | 327 | 2.70 |
| REP 2570770 | QC | | 0.10 | 292.39 | 0.42 | 32.3 | 65 | 50.0 | 35.0 | 451 | 5.03 | 0.6 | <0.1 | 2.8 | <0.1 | 163.2 | 0.08 | 0.08 | <0.02 | 301 | 2.48 |
| 2570805 | Drill Core | 2.13 | 0.13 | 229.01 | 12.65 | 46.3 | 62 | 37.4 | 30.5 | 569 | 4.59 | 0.3 | <0.1 | 2.6 | 0.1 | 135.6 | 0.15 | 0.16 | <0.02 | 206 | 2.55 |
| REP 2570805 | QC | | 0.11 | 232.61 | 12.69 | 49.5 | 67 | 37.4 | 30.2 | 563 | 4.43 | 0.4 | <0.1 | 2.9 | 0.1 | 137.0 | 0.15 | 0.12 | <0.02 | 200 | 2.45 |
| 2570840 | Drill Core | 3.52 | 0.09 | 321.48 | 1.86 | 61.6 | 471 | 33.9 | 51.4 | 395 | 10.78 | 14.1 | 0.2 | 7.3 | 0.4 | 100.9 | 0.11 | 0.11 | 0.06 | 565 | 1.96 |
| REP 2570840 | QC | | 0.09 | 316.03 | 1.89 | 59.7 | 467 | 35.6 | 53.5 | 393 | 10.86 | 11.9 | 0.1 | 5.3 | 0.3 | 98.7 | 0.10 | 0.08 | 0.06 | 549 | 1.96 |
| 2570875 | Drill Core | 4.74 | 0.07 | 19.25 | 1.98 | 54.4 | 28 | 54.0 | 45.3 | 361 | 9.52 | 0.2 | 0.7 | 2.1 | 2.6 | 63.9 | 0.05 | 0.07 | <0.02 | 528 | 1.15 |
| REP 2570875 | QC | | 0.07 | 19.85 | 1.88 | 56.6 | 30 | 53.3 | 48.6 | 366 | 9.92 | 0.6 | 0.7 | 1.3 | 2.7 | 64.1 | 0.04 | 0.07 | <0.02 | 542 | 1.18 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570715 | Drill Core | 5.77 | 0.12 | 103.67 | 1.21 | 54.9 | 39 | 73.5 | 49.9 | 386 | 5.61 | 0.6 | <0.1 | 1.4 | <0.1 | 51.2 | 0.02 | 0.11 | <0.02 | 313 | 0.63 |
| DUP 2570715 | QC | | 0.10 | 103.54 | 1.25 | 57.6 | 39 | 78.0 | 50.3 | 391 | 5.67 | 1.0 | <0.1 | 1.2 | <0.1 | 51.6 | 0.03 | 0.09 | <0.02 | 313 | 0.63 |
| 2570749 | Drill Core | 2.86 | 0.10 | 276.42 | 0.60 | 33.0 | 71 | 44.4 | 37.3 | 473 | 6.05 | 0.3 | <0.1 | 1.7 | <0.1 | 162.9 | 0.09 | 0.07 | <0.02 | 322 | 2.72 |
| DUP 2570749 | QC | | 0.07 | 291.66 | 0.64 | 35.9 | 68 | 46.9 | 40.5 | 503 | 5.93 | 0.3 | <0.1 | 1.2 | 0.1 | 164.2 | 0.07 | 0.07 | <0.02 | 316 | 2.70 |
| 2570783 | Drill Core | 5.24 | 0.18 | 140.35 | 0.65 | 53.6 | 70 | 53.1 | 45.1 | 394 | 5.52 | 0.3 | <0.1 | 1.5 | 0.1 | 84.3 | 0.05 | 0.07 | <0.02 | 304 | 1.19 |
| DUP 2570783 | QC | | 0.16 | 146.55 | 0.67 | 52.3 | 62 | 50.7 | 44.2 | 434 | 6.23 | 0.7 | <0.1 | 1.3 | <0.1 | 81.4 | 0.05 | 0.05 | <0.02 | 330 | 1.18 |
| 2570817 | Drill Core | 4.15 | 0.08 | 180.38 | 1.34 | 46.5 | 58 | 25.4 | 39.9 | 586 | 8.42 | 0.4 | 0.1 | 1.9 | 0.3 | 220.2 | 0.06 | 0.08 | <0.02 | 377 | 4.33 |
| DUP 2570817 | QC | | 0.07 | 182.19 | 1.15 | 51.6 | 69 | 26.9 | 40.1 | 597 | 8.46 | 0.7 | 0.2 | 1.0 | 0.4 | 223.7 | 0.09 | 0.08 | <0.02 | 371 | 4.28 |
| 2570851 | Drill Core | 6.11 | 0.09 | 49.88 | 0.84 | 51.4 | 65 | 38.0 | 50.6 | 389 | 11.21 | <0.1 | <0.1 | 1.1 | 0.2 | 71.5 | 0.04 | 0.04 | <0.02 | 601 | 1.32 |
| DUP 2570851 | QC | | 0.11 | 53.98 | 0.76 | 52.3 | 66 | 37.5 | 53.7 | 393 | 10.25 | 0.2 | <0.1 | 1.8 | 0.2 | 71.4 | 0.03 | 0.05 | <0.02 | 541 | 1.21 |
| 2570885 | Drill Core | 2.16 | 0.09 | 5.61 | 0.63 | 38.1 | 8 | 31.1 | 28.4 | 347 | 7.66 | <0.1 | <0.1 | 0.9 | 0.2 | 64.7 | 0.03 | 0.15 | <0.02 | 429 | 1.65 |
| DUP 2570885 | QC | | 0.11 | 6.18 | 0.57 | 37.5 | 6 | 29.8 | 27.0 | 329 | 7.45 | <0.1 | <0.1 | 0.6 | 0.1 | 60.0 | 0.01 | 0.15 | <0.02 | 414 | 1.48 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 15.74 | 153.25 | 158.36 | 360.3 | 1986 | 76.8 | 13.3 | 904 | 2.75 | 45.5 | 3.0 | 89.2 | 8.7 | 72.3 | 2.65 | 9.97 | 13.38 | 44 | 1.06 |
| STD DS10 | Standard | | 15.85 | 157.58 | 147.45 | 362.3 | 1877 | 79.2 | 13.0 | 871 | 2.76 | 44.6 | 2.8 | 69.9 | 7.9 | 75.2 | 2.56 | 9.49 | 12.54 | 44 | 1.08 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570702 | Drill Core | 0.282 | 4.5 | 123.8 | 2.20 | 643.9 | 0.147 | <1 | 1.68 | 0.082 | 1.14 | <0.1 | 8.2 | 0.12 | <0.02 | 7 | 0.2 | <0.02 | 7.2 | 0.64 | 0.1 |
| REP 2570702 | QC | 0.298 | 4.6 | 126.2 | 2.20 | 635.6 | 0.150 | <1 | 1.66 | 0.081 | 1.14 | <0.1 | 8.7 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 7.2 | 0.67 | 0.2 |
| 2570735 | Drill Core | 0.331 | 7.2 | 116.0 | 2.13 | 584.2 | 0.093 | <1 | 1.59 | 0.067 | 1.06 | <0.1 | 7.5 | 0.11 | 0.08 | <5 | <0.1 | <0.02 | 7.0 | 0.68 | 0.1 |
| REP 2570735 | QC | 0.359 | 7.6 | 123.0 | 2.15 | 587.5 | 0.105 | <1 | 1.60 | 0.068 | 1.07 | <0.1 | 8.4 | 0.10 | 0.08 | <5 | <0.1 | <0.02 | 7.3 | 0.72 | 0.1 |
| 2570770 | Drill Core | 0.113 | 2.9 | 113.5 | 2.63 | 123.0 | 0.259 | <1 | 2.30 | 0.494 | 0.43 | <0.1 | 24.5 | 0.02 | 0.28 | 7 | 1.1 | <0.02 | 6.2 | 0.11 | 0.1 |
| REP 2570770 | QC | 0.101 | 2.7 | 101.6 | 2.43 | 114.8 | 0.229 | 1 | 2.10 | 0.463 | 0.41 | <0.1 | 23.3 | <0.02 | 0.27 | 6 | 1.2 | 0.03 | 5.6 | 0.11 | 0.1 |
| 2570805 | Drill Core | 0.180 | 4.1 | 102.2 | 2.15 | 114.7 | 0.224 | 4 | 2.26 | 0.407 | 0.33 | <0.1 | 17.8 | 0.04 | 0.24 | 7 | 0.5 | <0.02 | 5.9 | 0.08 | 0.1 |
| REP 2570805 | QC | 0.173 | 4.2 | 100.6 | 2.10 | 110.0 | 0.203 | 3 | 2.20 | 0.396 | 0.32 | <0.1 | 17.0 | 0.04 | 0.24 | 12 | 0.6 | <0.02 | 5.7 | 0.08 | <0.1 |
| 2570840 | Drill Core | 0.345 | 7.8 | 23.9 | 1.95 | 604.6 | 0.158 | 1 | 1.68 | 0.104 | 1.19 | <0.1 | 7.8 | 0.16 | 0.04 | <5 | 0.5 | 0.02 | 9.3 | 0.85 | 0.2 |
| REP 2570840 | QC | 0.363 | 8.1 | 23.6 | 1.99 | 604.7 | 0.149 | <1 | 1.71 | 0.102 | 1.17 | <0.1 | 7.4 | 0.15 | 0.04 | 8 | 0.3 | <0.02 | 9.8 | 0.86 | 0.2 |
| 2570875 | Drill Core | 0.139 | 4.4 | 39.5 | 1.95 | 612.2 | 0.262 | 2 | 1.68 | 0.105 | 1.26 | <0.1 | 7.5 | 0.16 | <0.02 | <5 | <0.1 | <0.02 | 8.9 | 0.93 | 0.2 |
| REP 2570875 | QC | 0.157 | 4.2 | 41.7 | 1.98 | 618.6 | 0.264 | 2 | 1.70 | 0.106 | 1.27 | <0.1 | 7.2 | 0.16 | <0.02 | 11 | <0.1 | <0.02 | 8.5 | 0.88 | 0.2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570715 | Drill Core | 0.038 | 0.6 | 213.0 | 4.41 | 1226.9 | 0.429 | 1 | 3.19 | 0.094 | 2.85 | <0.1 | 7.3 | 0.28 | 0.05 | <5 | 0.3 | <0.02 | 7.5 | 2.73 | <0.1 |
| DUP 2570715 | QC | 0.041 | 0.7 | 216.0 | 4.43 | 1247.8 | 0.422 | <1 | 3.20 | 0.095 | 2.86 | <0.1 | 7.3 | 0.29 | 0.05 | <5 | 0.2 | <0.02 | 8.0 | 2.73 | 0.1 |
| 2570749 | Drill Core | 0.234 | 4.0 | 117.4 | 2.31 | 122.4 | 0.228 | <1 | 2.12 | 0.394 | 0.37 | <0.1 | 20.4 | 0.02 | 0.31 | <5 | 0.7 | 0.03 | 6.3 | 0.06 | <0.1 |
| DUP 2570749 | QC | 0.228 | 4.2 | 113.1 | 2.31 | 127.1 | 0.210 | <1 | 2.09 | 0.399 | 0.36 | <0.1 | 19.8 | 0.02 | 0.32 | <5 | 0.8 | <0.02 | 6.6 | 0.06 | 0.1 |
| 2570783 | Drill Core | 0.087 | 1.3 | 165.6 | 3.38 | 730.0 | 0.344 | <1 | 2.48 | 0.162 | 1.88 | <0.1 | 12.2 | 0.18 | 0.10 | <5 | 0.2 | 0.02 | 6.5 | 1.64 | 0.1 |
| DUP 2570783 | QC | 0.086 | 1.5 | 164.5 | 3.36 | 770.9 | 0.344 | <1 | 2.72 | 0.167 | 1.98 | <0.1 | 12.3 | 0.21 | 0.10 | <5 | 0.3 | <0.02 | 7.6 | 1.70 | 0.2 |
| 2570817 | Drill Core | 0.421 | 9.5 | 75.4 | 2.24 | 165.4 | 0.134 | 1 | 2.08 | 0.366 | 0.50 | <0.1 | 16.5 | 0.04 | 0.12 | <5 | 0.1 | <0.02 | 7.9 | 0.25 | <0.1 |
| DUP 2570817 | QC | 0.442 | 9.6 | 74.5 | 2.21 | 164.5 | 0.128 | 2 | 2.05 | 0.353 | 0.49 | <0.1 | 16.7 | 0.04 | 0.12 | <5 | 0.2 | <0.02 | 8.7 | 0.25 | 0.2 |
| 2570851 | Drill Core | 0.162 | 2.9 | 23.4 | 2.03 | 616.4 | 0.254 | <1 | 1.73 | 0.116 | 1.21 | <0.1 | 8.3 | 0.15 | <0.02 | <5 | 0.2 | <0.02 | 9.4 | 0.73 | 0.3 |
| DUP 2570851 | QC | 0.169 | 3.2 | 23.3 | 1.93 | 604.4 | 0.259 | <1 | 1.66 | 0.103 | 1.21 | <0.1 | 7.8 | 0.16 | <0.02 | 7 | <0.1 | <0.02 | 9.0 | 0.81 | 0.2 |
| 2570885 | Drill Core | 0.034 | 1.6 | 191.1 | 1.25 | 121.5 | 0.236 | <1 | 0.98 | 0.114 | 0.28 | <0.1 | 9.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 6.1 | 0.19 | 0.1 |
| DUP 2570885 | QC | 0.034 | 1.4 | 187.0 | 1.15 | 119.3 | 0.217 | <1 | 0.90 | 0.097 | 0.26 | <0.1 | 9.1 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.9 | 0.20 | 0.1 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.076 | 19.1 | 59.2 | 0.78 | 356.4 | 0.085 | 4 | 1.08 | 0.070 | 0.34 | 3.4 | 3.2 | 5.11 | 0.28 | 285 | 2.2 | 4.86 | 4.2 | 2.76 | <0.1 |
| STD DS10 | Standard | 0.073 | 18.7 | 56.1 | 0.78 | 348.8 | 0.086 | 7 | 1.09 | 0.072 | 0.34 | 3.3 | 3.0 | 5.06 | 0.28 | 264 | 2.4 | 4.93 | 4.3 | 2.65 | <0.1 |

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Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 2570702 | Drill Core | <0.02 | 0.03 | 44.6 | 0.2 | <0.05 | 0.5 | 5.24 | 10.3 | <0.02 | <1 | <0.1 | 8.2 | 29 | 18 |
| REP 2570702 | QC | <0.02 | 0.02 | 45.7 | 0.2 | <0.05 | 0.5 | 5.53 | 10.8 | <0.02 | <1 | <0.1 | 8.4 | 26 | 20 |
| 2570735 | Drill Core | <0.02 | 0.03 | 38.6 | 0.2 | <0.05 | 0.4 | 7.09 | 15.8 | <0.02 | <1 | <0.1 | 6.6 | 24 | 13 |
| REP 2570735 | QC | <0.02 | 0.03 | 40.7 | 0.2 | <0.05 | 0.5 | 7.77 | 17.0 | <0.02 | <1 | <0.1 | 6.7 | 21 | 21 |
| 2570770 | Drill Core | 0.29 | 0.09 | 4.1 | 0.4 | <0.05 | 8.1 | 11.68 | 8.5 | 0.04 | <1 | 0.1 | 2.6 | 17 | 10 |
| REP 2570770 | QC | 0.28 | 0.08 | 3.9 | 0.4 | <0.05 | 7.3 | 11.27 | 7.7 | 0.03 | <1 | <0.1 | 2.6 | 12 | 12 |
| 2570805 | Drill Core | 0.26 | 0.08 | 2.9 | 1.5 | <0.05 | 7.7 | 10.89 | 10.6 | 0.05 | 3 | 0.2 | 6.0 | 25 | 9 |
| REP 2570805 | QC | 0.21 | 0.07 | 2.8 | 1.7 | <0.05 | 6.4 | 10.82 | 10.0 | 0.03 | <1 | 0.3 | 5.9 | 15 | 5 |
| 2570840 | Drill Core | <0.02 | 0.03 | 48.3 | 0.3 | <0.05 | 0.5 | 7.41 | 17.1 | <0.02 | <1 | <0.1 | 11.0 | 41 | 27 |
| REP 2570840 | QC | <0.02 | 0.04 | 47.5 | 0.3 | <0.05 | 0.6 | 7.67 | 17.2 | <0.02 | <1 | <0.1 | 10.6 | 40 | 25 |
| 2570875 | Drill Core | 0.04 | 0.04 | 50.6 | 0.3 | <0.05 | 1.3 | 3.21 | 8.6 | <0.02 | 2 | <0.1 | 11.6 | 22 | 28 |
| REP 2570875 | QC | 0.05 | 0.05 | 50.5 | 0.2 | <0.05 | 1.5 | 3.12 | 8.1 | <0.02 | <1 | 0.2 | 11.2 | 20 | 18 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2570715 | Drill Core | 0.05 | 0.03 | 107.8 | 0.2 | <0.05 | 1.3 | 1.30 | 1.7 | <0.02 | <1 | <0.1 | 16.4 | 25 | 20 |
| DUP 2570715 | QC | 0.03 | 0.04 | 109.7 | 0.2 | <0.05 | 1.4 | 1.29 | 1.6 | <0.02 | 1 | <0.1 | 16.8 | 24 | 22 |
| 2570749 | Drill Core | 0.19 | 0.09 | 3.7 | 0.3 | <0.05 | 6.1 | 11.28 | 10.9 | 0.04 | 2 | <0.1 | 3.4 | 18 | 8 |
| DUP 2570749 | QC | 0.15 | 0.09 | 3.8 | 0.4 | <0.05 | 5.0 | 11.99 | 11.2 | 0.04 | 1 | <0.1 | 3.2 | <10 | 8 |
| 2570783 | Drill Core | 0.10 | 0.04 | 63.2 | 0.2 | <0.05 | 3.3 | 3.66 | 3.5 | 0.02 | 1 | <0.1 | 20.9 | <10 | 5 |
| DUP 2570783 | QC | 0.11 | 0.04 | 66.3 | 0.3 | <0.05 | 3.7 | 3.72 | 3.7 | 0.02 | 1 | 0.2 | 20.8 | 14 | 9 |
| 2570817 | Drill Core | 0.03 | 0.06 | 9.4 | 0.5 | <0.05 | 1.8 | 13.81 | 21.0 | 0.04 | <1 | 0.1 | 4.4 | 33 | 17 |
| DUP 2570817 | QC | 0.04 | 0.06 | 9.7 | 0.4 | <0.05 | 1.5 | 13.54 | 21.6 | 0.04 | <1 | <0.1 | 4.1 | 27 | 20 |
| 2570851 | Drill Core | 0.03 | 0.04 | 46.9 | 0.2 | <0.05 | 1.0 | 3.40 | 6.6 | <0.02 | <1 | <0.1 | 9.3 | 21 | 17 |
| DUP 2570851 | QC | 0.03 | 0.03 | 48.7 | 0.2 | <0.05 | 1.0 | 3.33 | 6.9 | <0.02 | <1 | <0.1 | 8.6 | 25 | 18 |
| 2570885 | Drill Core | 0.17 | 0.05 | 9.0 | 0.4 | <0.05 | 4.9 | 3.38 | 3.8 | <0.02 | <1 | <0.1 | 4.4 | <10 | 4 |
| DUP 2570885 | QC | 0.12 | 0.03 | 8.8 | 0.4 | <0.05 | 4.1 | 3.07 | 3.5 | <0.02 | <1 | <0.1 | 4.2 | <10 | 3 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.07 | 1.57 | 28.1 | 1.7 | <0.05 | 2.7 | 8.35 | 37.4 | 0.22 | 44 | 1.1 | 20.1 | 104 | 192 |
| STD DS10 | Standard | 0.05 | 1.54 | 27.7 | 1.5 | <0.05 | 2.6 | 8.34 | 38.2 | 0.24 | 49 | 0.8 | 19.0 | 95 | 179 |

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Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| STD DS10 | Standard | | 14.40 | 144.85 | 141.48 | 351.9 | 1803 | 69.3 | 11.8 | 833 | 2.67 | 43.0 | 2.7 | 75.6 | 7.9 | 69.5 | 2.46 | 9.52 | 11.79 | 42 | 1.04 |
| STD DS10 | Standard | | 14.94 | 149.30 | 155.18 | 360.9 | 1842 | 72.8 | 13.0 | 866 | 2.79 | 44.3 | 2.8 | 78.2 | 8.1 | 72.0 | 2.56 | 9.76 | 13.18 | 45 | 1.05 |
| STD DS10 | Standard | | 16.24 | 151.71 | 160.42 | 362.3 | 1930 | 74.2 | 13.1 | 848 | 2.80 | 46.9 | 3.1 | 79.4 | 8.4 | 74.9 | 2.63 | 10.62 | 13.49 | 46 | 1.08 |
| STD DS10 | Standard | | 14.98 | 151.86 | 149.23 | 354.3 | 1808 | 72.4 | 12.5 | 910 | 2.80 | 45.1 | 2.8 | 86.4 | 7.8 | 72.5 | 2.38 | 9.27 | 12.79 | 46 | 1.11 |
| STD DS10 | Standard | | 14.68 | 162.97 | 156.57 | 379.7 | 1826 | 75.0 | 13.3 | 802 | 2.79 | 44.4 | 2.8 | 73.2 | 8.1 | 73.3 | 2.82 | 9.20 | 12.94 | 44 | 1.06 |
| STD OXC129 | Standard | | 1.34 | 27.51 | 6.51 | 40.5 | 16 | 79.5 | 20.9 | 417 | 3.02 | 0.5 | 0.7 | 192.5 | 2.0 | 200.0 | 0.03 | 0.03 | <0.02 | 52 | 0.71 |
| STD OXC129 | Standard | | 1.30 | 28.00 | 6.58 | 41.8 | 19 | 77.7 | 20.8 | 399 | 2.99 | 0.9 | 0.7 | 184.9 | 2.0 | 192.4 | 0.02 | 0.05 | <0.02 | 52 | 0.67 |
| STD OXC129 | Standard | | 1.24 | 26.29 | 6.27 | 40.5 | 22 | 74.6 | 19.4 | 426 | 2.97 | 0.6 | 0.7 | 192.5 | 1.8 | 194.8 | 0.04 | 0.05 | <0.02 | 52 | 0.69 |
| STD OXC129 | Standard | | 1.31 | 27.21 | 6.36 | 40.5 | 20 | 78.0 | 20.8 | 410 | 3.10 | 0.3 | 0.7 | 192.9 | 1.9 | 195.4 | 0.03 | 0.04 | <0.02 | 54 | 0.69 |
| STD OXC129 | Standard | | 1.28 | 25.54 | 6.42 | 40.0 | 9 | 74.3 | 20.5 | 402 | 3.04 | 0.3 | 0.7 | 181.6 | 1.8 | 194.9 | 0.02 | 0.03 | <0.02 | 54 | 0.69 |
| STD OXC129 | Standard | | 1.22 | 27.48 | 6.35 | 41.5 | 26 | 77.7 | 20.9 | 406 | 3.05 | <0.1 | 0.7 | 190.6 | 2.0 | 194.2 | 0.04 | 0.04 | <0.02 | 54 | 0.71 |
| STD OXC129 | Standard | | 1.33 | 29.59 | 7.12 | 43.9 | 24 | 80.9 | 21.2 | 395 | 3.04 | 0.6 | 0.7 | 191.6 | 2.0 | 192.7 | 0.05 | 0.04 | 0.05 | 53 | 0.65 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | 0.02 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.2 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.3 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.05 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.3 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | 0.02 | 0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.50 | 3.31 | 7.02 | 30.4 | 15 | 1.4 | 3.9 | 497 | 1.83 | 1.4 | 0.4 | <0.2 | 2.5 | 21.5 | 0.02 | 0.13 | 0.02 | 24 | 0.55 |
| ROCK-VAN | Prep Blank | | 1.19 | 3.93 | 12.62 | 33.3 | 22 | 1.4 | 3.7 | 530 | 1.88 | 0.9 | 0.4 | 0.4 | 2.5 | 21.1 | <0.01 | 0.24 | 0.04 | 24 | 0.57 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **P** | **La** | **Cr** | **Mg** | **Ba** | **Ti** | **B** | **Al** | **Na** | **K** | **W** | **Sc** | **Tl** | **S** | **Hg** | **Se** | **Te** | **Ga** | **Cs** | **Ge** |
| | | **%** | **ppm** | **ppm** | **%** | **ppm** | **%** | **ppm** | **%** | **%** | **%** | **ppm** | **ppm** | **ppm** | **%** | **ppb** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** |
| | | **0.001** | **0.5** | **0.5** | **0.01** | **0.5** | **0.001** | **1** | **0.01** | **0.001** | **0.01** | **0.1** | **0.1** | **0.02** | **0.02** | **5** | **0.1** | **0.02** | **0.1** | **0.02** | **0.1** |
| STD DS10 | Standard | 0.068 | 17.5 | 53.3 | 0.76 | 318.8 | 0.075 | 5 | 1.04 | 0.068 | 0.33 | 3.0 | 2.5 | 4.86 | 0.27 | 277 | 2.7 | 4.62 | 3.7 | 2.57 | <0.1 |
| STD DS10 | Standard | 0.077 | 18.6 | 57.1 | 0.78 | 336.4 | 0.082 | 8 | 1.07 | 0.073 | 0.33 | 3.3 | 2.8 | 5.25 | 0.28 | 301 | 2.2 | 5.14 | 4.2 | 2.68 | <0.1 |
| STD DS10 | Standard | 0.081 | 20.1 | 57.1 | 0.78 | 355.8 | 0.086 | 8 | 1.09 | 0.074 | 0.34 | 3.4 | 2.9 | 5.39 | 0.28 | 306 | 2.7 | 5.16 | 4.6 | 2.78 | <0.1 |
| STD DS10 | Standard | 0.070 | 18.8 | 56.0 | 0.79 | 355.4 | 0.084 | 7 | 1.12 | 0.075 | 0.34 | 3.3 | 3.0 | 5.07 | 0.29 | 292 | 2.4 | 5.00 | 4.5 | 2.68 | 0.1 |
| STD DS10 | Standard | 0.080 | 18.8 | 55.0 | 0.76 | 349.9 | 0.083 | 6 | 1.05 | 0.072 | 0.33 | 3.3 | 2.9 | 5.46 | 0.28 | 284 | 2.3 | 4.89 | 4.4 | 2.68 | 0.1 |
| STD OXC129 | Standard | 0.093 | 12.5 | 54.6 | 1.54 | 47.2 | 0.403 | <1 | 1.61 | 0.596 | 0.36 | <0.1 | 1.1 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.3 | 0.15 | <0.1 |
| STD OXC129 | Standard | 0.091 | 12.8 | 52.5 | 1.52 | 46.5 | 0.396 | 2 | 1.57 | 0.589 | 0.35 | <0.1 | 0.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.2 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.091 | 12.3 | 48.0 | 1.54 | 46.9 | 0.365 | <1 | 1.61 | 0.597 | 0.36 | <0.1 | 0.8 | 0.03 | <0.02 | 8 | <0.1 | <0.02 | 5.1 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.100 | 12.5 | 51.8 | 1.52 | 46.0 | 0.382 | 1 | 1.56 | 0.591 | 0.36 | <0.1 | 0.9 | 0.03 | <0.02 | <5 | 0.1 | <0.02 | 5.4 | 0.15 | 0.1 |
| STD OXC129 | Standard | 0.098 | 12.3 | 48.5 | 1.52 | 48.1 | 0.381 | 2 | 1.57 | 0.595 | 0.36 | <0.1 | 0.9 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.0 | 0.14 | <0.1 |
| STD OXC129 | Standard | 0.103 | 12.7 | 51.9 | 1.53 | 49.0 | 0.407 | <1 | 1.60 | 0.598 | 0.37 | <0.1 | 0.9 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.16 | 0.1 |
| STD OXC129 | Standard | 0.112 | 13.3 | 51.1 | 1.49 | 51.5 | 0.385 | 1 | 1.54 | 0.589 | 0.36 | <0.1 | 1.0 | 0.02 | <0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.17 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | 0.1 | <0.02 | <0.1 | <0.02 | 0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.040 | 6.2 | 3.0 | 0.45 | 66.4 | 0.070 | 2 | 0.83 | 0.069 | 0.07 | <0.1 | 2.8 | <0.02 | <0.02 | 9 | <0.1 | <0.02 | 3.6 | 0.17 | <0.1 |
| ROCK-VAN | Prep Blank | 0.040 | 6.6 | 3.6 | 0.47 | 75.4 | 0.075 | 2 | 0.84 | 0.066 | 0.06 | <0.1 | 3.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | 3.6 | 0.20 | <0.1 |

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 22, 2016



# QUALITY CONTROL REPORT VAN16001612.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| STD DS10 | Standard | 0.05 | 1.33 | 27.1 | 1.5 | <0.05 | 2.4 | 7.58 | 34.7 | 0.20 | 45 | 0.6 | 18.3 | 95 | 176 |
| STD DS10 | Standard | 0.06 | 1.45 | 28.0 | 1.6 | <0.05 | 2.7 | 8.30 | 36.9 | 0.24 | 50 | 0.7 | 19.0 | 107 | 198 |
| STD DS10 | Standard | 0.05 | 1.74 | 29.4 | 1.7 | <0.05 | 2.6 | 8.37 | 38.5 | 0.26 | 47 | 0.9 | 21.0 | 107 | 188 |
| STD DS10 | Standard | 0.05 | 1.62 | 28.3 | 1.6 | <0.05 | 2.7 | 8.05 | 37.2 | 0.20 | 48 | 0.4 | 20.3 | 106 | 187 |
| STD DS10 | Standard | 0.06 | 1.51 | 31.2 | 1.7 | <0.05 | 2.3 | 8.02 | 36.9 | 0.27 | 52 | 0.5 | 22.7 | 100 | 192 |
| STD OXC129 | Standard | 0.21 | 1.46 | 14.8 | 0.7 | <0.05 | 21.9 | 4.64 | 23.1 | <0.02 | <1 | 0.9 | 2.4 | <10 | <2 |
| STD OXC129 | Standard | 0.27 | 1.40 | 15.0 | 0.7 | <0.05 | 20.6 | 4.77 | 22.7 | <0.02 | <1 | 0.9 | 2.0 | 12 | <2 |
| STD OXC129 | Standard | 0.26 | 1.57 | 15.0 | 0.8 | <0.05 | 21.4 | 4.39 | 23.3 | <0.02 | <1 | 0.6 | 2.0 | <10 | <2 |
| STD OXC129 | Standard | 0.21 | 1.40 | 14.8 | 0.7 | <0.05 | 18.4 | 4.60 | 22.3 | <0.02 | <1 | 0.5 | 2.4 | <10 | <2 |
| STD OXC129 | Standard | 0.26 | 1.43 | 14.7 | 0.7 | <0.05 | 18.1 | 4.56 | 22.0 | <0.02 | <1 | 0.8 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.24 | 1.12 | 15.1 | 0.7 | <0.05 | 19.8 | 4.73 | 23.0 | <0.02 | <1 | 0.6 | 2.8 | <10 | <2 |
| STD OXC129 | Standard | 0.22 | 1.32 | 16.7 | 0.7 | <0.05 | 18.9 | 4.82 | 24.0 | <0.02 | <1 | 0.9 | 2.2 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.13 | 0.14 | 2.0 | 0.4 | <0.05 | 3.8 | 8.26 | 12.0 | <0.02 | <1 | 0.1 | 1.6 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.14 | 0.16 | 1.9 | 0.4 | <0.05 | 4.1 | 8.29 | 12.7 | <0.02 | <1 | 0.3 | 1.7 | <10 | <2 |

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| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 21, 2016 |
| Report Date: | September 30, 2016 |
| Page: | 1 of 7 |

# CERTIFICATE OF ANALYSIS VAN16001701.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01-2 |
| P.O. Number | TRX16-01-2 |
| Number of Samples: | 163 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 154 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| PUL85 | 4 | Pulverize to 85% passing 200 mesh | | | VAN |
| SPTRF | 4 | Split samples by riffle splitter | | | VAN |
| AQ251_EXT | 163 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 163 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 154 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570898 | Drill Core | 2.84 | 0.44 | 110.86 | 7.41 | 67.3 | 101 | 25.3 | 26.1 | 945 | 4.86 | 4.4 | 0.1 | 2.4 | 0.4 | 211.2 | 0.15 | 0.41 | 0.03 | 181 | 4.29 |
| 2570899 | Drill Core | 3.07 | 0.64 | 99.59 | 1.90 | 68.0 | 71 | 32.5 | 31.8 | 1174 | 5.61 | 19.8 | 0.1 | 2.0 | 0.4 | 179.6 | 0.11 | 0.60 | 0.02 | 223 | 5.16 |
| 2570900 | Rock | 1.13 | 0.03 | 0.23 | 0.06 | <0.1 | <2 | 0.4 | 1.1 | 13 | 0.02 | 0.9 | 1.3 | 0.5 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 34.76 |
| 2570901 | Drill Core | 4.62 | 0.64 | 111.11 | 1.05 | 51.7 | 69 | 27.3 | 23.1 | 585 | 4.04 | 1.6 | 0.1 | 1.5 | 0.4 | 82.2 | 0.10 | 0.16 | <0.02 | 140 | 2.05 |
| 2570902 | Drill Core | 2.43 | 0.63 | 107.70 | 1.16 | 55.6 | 76 | 25.9 | 23.7 | 573 | 4.46 | 2.6 | 0.1 | 2.2 | 0.4 | 106.0 | 0.12 | 0.32 | <0.02 | 145 | 1.82 |
| 2570903 | Drill Core | 2.53 | 0.62 | 111.09 | 2.69 | 57.9 | 72 | 22.2 | 21.9 | 552 | 4.39 | 1.4 | 0.1 | 1.9 | 0.4 | 118.4 | 0.11 | 0.33 | <0.02 | 134 | 1.93 |
| 2570904 | Drill Core | 4.90 | 0.50 | 107.04 | 1.21 | 48.9 | 66 | 25.2 | 21.2 | 485 | 3.78 | 1.4 | 0.1 | 1.7 | 0.4 | 113.3 | 0.12 | 0.19 | <0.02 | 134 | 1.68 |
| 2570905 | Core DUP | | 0.45 | 107.07 | 0.87 | 50.2 | 68 | 25.9 | 22.0 | 513 | 3.85 | 1.4 | 0.1 | 1.6 | 0.4 | 120.4 | 0.11 | 0.19 | <0.02 | 138 | 1.76 |
| 2570906 | Drill Core | 1.74 | 0.55 | 111.81 | 0.94 | 58.4 | 80 | 27.3 | 23.7 | 582 | 4.57 | 5.9 | 0.1 | 1.7 | 0.5 | 111.7 | 0.12 | 0.31 | <0.02 | 163 | 1.79 |
| 2570907 | Drill Core | 1.21 | 0.46 | 100.62 | 1.67 | 56.3 | 69 | 21.5 | 24.1 | 628 | 4.34 | 7.4 | 0.1 | 3.5 | 0.5 | 204.5 | 0.11 | 0.69 | <0.02 | 156 | 2.89 |
| 2570908 | Drill Core | 3.69 | 0.42 | 112.52 | 1.10 | 54.7 | 70 | 28.1 | 24.3 | 628 | 4.25 | 3.6 | 0.1 | 2.1 | 0.5 | 119.7 | 0.11 | 0.43 | <0.02 | 165 | 2.09 |
| 2570909 | Drill Core | 3.46 | 0.35 | 99.23 | 1.21 | 53.2 | 79 | 29.4 | 22.8 | 596 | 3.98 | 13.4 | 0.1 | 1.5 | 0.4 | 119.6 | 0.09 | 0.47 | <0.02 | 141 | 2.57 |
| 2570910 | Rock Pulp | 0.10 | 224.95 | 2636.57 | 46.21 | 283.7 | 3116 | 9.5 | 18.8 | 206 | 3.23 | 25.5 | 5.4 | 263.1 | 11.2 | 44.1 | 2.09 | 6.17 | 3.66 | 41 | 0.91 |
| 2570911 | Drill Core | 1.80 | 0.50 | 80.52 | 2.07 | 52.9 | 72 | 25.5 | 24.4 | 655 | 4.57 | 4.5 | 0.1 | 1.6 | 0.5 | 131.2 | 0.10 | 0.50 | 0.03 | 150 | 3.53 |
| 2570912 | Drill Core | 4.46 | 0.40 | 83.98 | 1.60 | 54.7 | 62 | 20.5 | 22.2 | 718 | 4.14 | 2.3 | 0.1 | 0.5 | 0.4 | 143.7 | 0.10 | 0.29 | <0.02 | 133 | 3.50 |
| 2570913 | Drill Core | 2.54 | 0.55 | 84.57 | 1.16 | 51.1 | 47 | 27.4 | 23.2 | 694 | 3.79 | 1.4 | 0.1 | 0.5 | 0.3 | 134.0 | 0.08 | 0.26 | <0.02 | 128 | 3.38 |
| 2570914 | Drill Core | 3.51 | 0.33 | 91.79 | 1.42 | 41.8 | 53 | 38.9 | 25.1 | 751 | 3.62 | 2.4 | 0.1 | <0.2 | 0.3 | 182.8 | 0.08 | 0.23 | <0.02 | 124 | 4.31 |
| 2570915 | Drill Core | 4.97 | 0.34 | 94.51 | 1.40 | 43.6 | 61 | 35.2 | 23.5 | 719 | 3.72 | 6.3 | 0.1 | 0.6 | 0.4 | 147.9 | 0.09 | 0.36 | <0.02 | 136 | 4.01 |
| 2570916 | Drill Core | 4.66 | 0.26 | 101.35 | 1.65 | 43.2 | 61 | 34.1 | 22.9 | 636 | 3.59 | 3.0 | 0.1 | 1.1 | 0.4 | 144.7 | 0.08 | 0.38 | <0.02 | 130 | 3.60 |
| 2570917 | Drill Core | 2.01 | 0.47 | 70.03 | 1.59 | 53.1 | 55 | 28.2 | 23.4 | 788 | 4.48 | 2.8 | 0.2 | 1.5 | 0.8 | 155.9 | 0.09 | 0.35 | 0.02 | 157 | 3.54 |
| 2570918 | Drill Core | 2.66 | 0.36 | 99.28 | 1.02 | 40.6 | 59 | 33.5 | 22.3 | 629 | 3.25 | 1.3 | 0.1 | 0.4 | 0.4 | 152.0 | 0.10 | 0.27 | <0.02 | 119 | 3.82 |
| 2570919 | Drill Core | 1.48 | 0.34 | 92.15 | 1.58 | 53.6 | 76 | 41.0 | 29.3 | 938 | 4.69 | 30.2 | 0.1 | 1.5 | 0.4 | 239.4 | 0.10 | 0.69 | <0.02 | 191 | 5.60 |
| 2570920 | Drill Core | 3.41 | 0.35 | 101.51 | 1.54 | 55.8 | 68 | 41.9 | 29.6 | 836 | 4.84 | 22.3 | 0.1 | 1.5 | 0.4 | 227.5 | 0.10 | 0.99 | <0.02 | 199 | 4.80 |
| 2570921 | Drill Core | 3.70 | 0.34 | 97.70 | 1.51 | 42.7 | 62 | 35.3 | 22.8 | 613 | 3.48 | 1.9 | 0.1 | 0.9 | 0.3 | 155.0 | 0.07 | 0.38 | <0.02 | 121 | 4.02 |
| 2570922 | Drill Core | 1.85 | 0.77 | 90.35 | 3.00 | 45.9 | 104 | 43.8 | 25.9 | 780 | 4.14 | 21.2 | 0.1 | 1.4 | 0.3 | 144.9 | 0.12 | 0.60 | <0.02 | 140 | 5.00 |
| 2570923 | Drill Core | 3.19 | 0.35 | 101.88 | 1.91 | 49.8 | 69 | 34.5 | 25.7 | 694 | 3.92 | 1.4 | 0.1 | 0.9 | 0.3 | 179.6 | 0.10 | 0.23 | <0.02 | 143 | 3.71 |
| 2570924 | Drill Core | 2.31 | 0.83 | 97.37 | 1.27 | 42.4 | 60 | 29.7 | 24.2 | 597 | 3.66 | 0.6 | 0.1 | 1.0 | 0.3 | 127.3 | 0.09 | 0.26 | <0.02 | 122 | 3.85 |
| 2570925 | Drill Core | 2.13 | 0.82 | 97.37 | 1.32 | 43.9 | 60 | 30.3 | 23.5 | 590 | 3.69 | 0.9 | 0.1 | 1.5 | 0.3 | 122.1 | 0.09 | 0.33 | <0.02 | 122 | 3.83 |
| 2570926 | Drill Core | 4.95 | 0.33 | 95.67 | 1.34 | 41.0 | 55 | 30.5 | 19.9 | 587 | 3.45 | 0.7 | 0.1 | 1.1 | 0.4 | 119.8 | 0.09 | 0.17 | <0.02 | 125 | 3.68 |
| 2570927 | Drill Core | 3.77 | 0.34 | 99.46 | 1.21 | 48.3 | 68 | 23.6 | 22.0 | 563 | 3.62 | 1.3 | 0.1 | 1.9 | 0.4 | 106.8 | 0.12 | 0.19 | <0.02 | 131 | 2.60 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570898 | Drill Core | 0.120 | 2.0 | 47.9 | 2.19 | 196.7 | 0.253 | 1 | 2.73 | 0.172 | 0.83 | 0.1 | 14.0 | 0.17 | 0.10 | 40 | 0.1 | <0.02 | 8.9 | 3.04 | 0.1 |
| 2570899 | Drill Core | 0.111 | 3.5 | 75.4 | 2.62 | 132.5 | 0.170 | 3 | 3.01 | 0.086 | 0.78 | 0.1 | 19.7 | 0.15 | 0.11 | 22 | 0.2 | 0.02 | 10.4 | 2.63 | 0.2 |
| 2570900 | Rock | 0.003 | <0.5 | <0.5 | 1.07 | 3.7 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | <0.02 | <5 | 0.6 | 0.15 | <0.1 | <0.02 | <0.1 |
| 2570901 | Drill Core | 0.126 | 1.4 | 45.1 | 1.63 | 209.3 | 0.272 | 1 | 2.24 | 0.119 | 1.16 | 0.1 | 7.1 | 0.20 | 0.10 | 8 | <0.1 | <0.02 | 7.5 | 1.72 | 0.1 |
| 2570902 | Drill Core | 0.114 | 1.8 | 46.0 | 1.71 | 296.5 | 0.286 | <1 | 2.41 | 0.154 | 1.15 | <0.1 | 10.3 | 0.24 | 0.11 | 22 | <0.1 | 0.02 | 7.9 | 2.14 | 0.1 |
| 2570903 | Drill Core | 0.113 | 1.7 | 38.4 | 1.66 | 139.5 | 0.271 | <1 | 2.45 | 0.154 | 1.25 | <0.1 | 9.4 | 0.22 | 0.11 | 15 | <0.1 | 0.02 | 7.5 | 2.01 | 0.1 |
| 2570904 | Drill Core | 0.109 | 1.5 | 45.5 | 1.57 | 311.7 | 0.247 | <1 | 2.00 | 0.136 | 1.09 | <0.1 | 8.6 | 0.19 | 0.06 | 16 | <0.1 | <0.02 | 7.0 | 1.80 | 0.1 |
| 2570905 | Core DUP | 0.116 | 1.5 | 46.5 | 1.61 | 302.0 | 0.253 | <1 | 2.00 | 0.139 | 1.10 | <0.1 | 8.8 | 0.19 | 0.06 | 16 | <0.1 | 0.02 | 6.9 | 1.83 | <0.1 |
| 2570906 | Drill Core | 0.112 | 1.9 | 50.4 | 1.85 | 495.3 | 0.302 | <1 | 2.51 | 0.135 | 1.42 | <0.1 | 9.9 | 0.23 | 0.12 | 5 | <0.1 | 0.02 | 8.3 | 1.69 | 0.1 |
| 2570907 | Drill Core | 0.130 | 2.3 | 43.7 | 1.79 | 328.5 | 0.226 | 2 | 2.46 | 0.181 | 0.64 | 0.1 | 13.1 | 0.15 | 0.18 | 28 | 0.2 | 0.02 | 7.3 | 1.21 | <0.1 |
| 2570908 | Drill Core | 0.116 | 2.1 | 53.2 | 1.88 | 473.0 | 0.239 | <1 | 2.30 | 0.131 | 1.13 | <0.1 | 11.6 | 0.20 | 0.08 | 18 | <0.1 | <0.02 | 7.7 | 1.72 | 0.1 |
| 2570909 | Drill Core | 0.109 | 2.3 | 52.6 | 1.66 | 152.2 | 0.152 | 1 | 1.97 | 0.106 | 0.54 | <0.1 | 12.0 | 0.12 | 0.12 | 18 | <0.1 | 0.03 | 7.5 | 1.12 | 0.1 |
| 2570910 | Rock Pulp | 0.052 | 20.1 | 64.0 | 0.65 | 70.2 | 0.037 | 2 | 1.26 | 0.031 | 0.53 | 3.5 | 5.3 | 0.38 | 1.96 | 74 | 2.8 | 0.35 | 3.7 | 2.32 | <0.1 |
| 2570911 | Drill Core | 0.096 | 2.6 | 51.0 | 1.90 | 68.1 | 0.140 | 2 | 2.12 | 0.085 | 0.18 | <0.1 | 12.2 | 0.05 | 0.30 | 8 | 0.3 | 0.02 | 9.2 | 0.68 | 0.1 |
| 2570912 | Drill Core | 0.102 | 1.6 | 40.7 | 1.63 | 201.0 | 0.194 | <1 | 1.97 | 0.108 | 0.52 | <0.1 | 10.7 | 0.10 | 0.09 | 17 | <0.1 | <0.02 | 7.4 | 0.80 | <0.1 |
| 2570913 | Drill Core | 0.101 | 1.4 | 46.5 | 1.57 | 252.7 | 0.199 | 1 | 1.91 | 0.135 | 0.59 | <0.1 | 9.5 | 0.12 | 0.08 | 17 | <0.1 | <0.02 | 7.1 | 0.81 | <0.1 |
| 2570914 | Drill Core | 0.094 | 1.2 | 60.4 | 1.81 | 224.7 | 0.188 | 1 | 1.81 | 0.128 | 0.48 | 0.1 | 12.0 | 0.09 | 0.10 | 12 | <0.1 | <0.02 | 6.3 | 0.92 | 0.1 |
| 2570915 | Drill Core | 0.098 | 1.6 | 68.7 | 1.84 | 203.5 | 0.167 | 1 | 1.93 | 0.148 | 0.47 | <0.1 | 12.1 | 0.09 | 0.07 | 18 | <0.1 | <0.02 | 6.4 | 0.69 | 0.1 |
| 2570916 | Drill Core | 0.098 | 1.3 | 58.1 | 1.74 | 174.5 | 0.156 | 1 | 1.82 | 0.146 | 0.38 | 0.1 | 11.5 | 0.09 | 0.10 | 15 | <0.1 | <0.02 | 6.4 | 0.68 | 0.1 |
| 2570917 | Drill Core | 0.128 | 2.7 | 57.2 | 1.95 | 243.0 | 0.218 | 1 | 2.42 | 0.156 | 0.99 | <0.1 | 12.4 | 0.24 | 0.06 | 32 | <0.1 | <0.02 | 7.9 | 2.68 | 0.2 |
| 2570918 | Drill Core | 0.096 | 1.2 | 56.1 | 1.57 | 294.4 | 0.177 | <1 | 1.75 | 0.169 | 0.63 | <0.1 | 10.0 | 0.14 | 0.08 | 21 | <0.1 | <0.02 | 5.9 | 1.23 | 0.1 |
| 2570919 | Drill Core | 0.102 | 2.3 | 80.9 | 2.16 | 278.9 | 0.170 | 2 | 2.39 | 0.138 | 0.65 | <0.1 | 20.7 | 0.15 | 0.10 | 25 | 0.1 | 0.03 | 8.5 | 1.37 | 0.1 |
| 2570920 | Drill Core | 0.089 | 2.3 | 85.1 | 2.35 | 162.3 | 0.146 | 1 | 2.44 | 0.119 | 0.35 | <0.1 | 23.6 | 0.08 | 0.09 | 28 | 0.1 | <0.02 | 8.0 | 1.23 | 0.1 |
| 2570921 | Drill Core | 0.091 | 1.3 | 56.2 | 1.60 | 184.3 | 0.165 | <1 | 1.69 | 0.143 | 0.34 | <0.1 | 11.3 | 0.09 | 0.14 | 21 | <0.1 | <0.02 | 5.4 | 0.80 | <0.1 |
| 2570922 | Drill Core | 0.090 | 1.5 | 75.8 | 1.99 | 25.5 | 0.154 | 2 | 2.01 | 0.070 | 0.06 | 0.2 | 12.1 | 0.02 | 0.28 | 5 | <0.1 | <0.02 | 6.6 | 0.32 | <0.1 |
| 2570923 | Drill Core | 0.106 | 1.3 | 54.7 | 1.80 | 230.8 | 0.219 | 1 | 1.86 | 0.109 | 0.49 | 0.1 | 13.2 | 0.12 | 0.17 | 8 | <0.1 | <0.02 | 6.2 | 0.95 | <0.1 |
| 2570924 | Drill Core | 0.093 | 1.2 | 45.2 | 1.50 | 337.4 | 0.218 | <1 | 1.73 | 0.115 | 0.75 | <0.1 | 9.3 | 0.17 | 0.23 | 10 | <0.1 | <0.02 | 5.7 | 1.09 | 0.1 |
| 2570925 | Drill Core | 0.094 | 1.2 | 45.4 | 1.47 | 336.8 | 0.218 | <1 | 1.67 | 0.116 | 0.73 | <0.1 | 9.7 | 0.18 | 0.28 | 12 | <0.1 | <0.02 | 5.7 | 1.15 | <0.1 |
| 2570926 | Drill Core | 0.094 | 1.3 | 50.3 | 1.52 | 313.2 | 0.194 | <1 | 1.71 | 0.142 | 0.53 | <0.1 | 10.5 | 0.11 | 0.06 | 10 | <0.1 | <0.02 | 5.7 | 0.81 | <0.1 |
| 2570927 | Drill Core | 0.110 | 1.3 | 37.4 | 1.55 | 402.5 | 0.223 | <1 | 1.93 | 0.142 | 0.77 | <0.1 | 8.5 | 0.18 | 0.06 | 10 | <0.1 | <0.02 | 6.9 | 1.20 | 0.1 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte** | | **Hf** | **Nb** | **Rb** | **Sn** | **Ta** | **Zr** | **Y** | **Ce** | **In** | **Re** | **Be** | **Li** | **Pd** | **Pt** |
| **Unit** | | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppm** | **ppb** | **ppm** | **ppm** | **ppb** | **ppb** |
| **MDL** | | **0.02** | **0.02** | **0.1** | **0.1** | **0.05** | **0.1** | **0.01** | **0.1** | **0.02** | **1** | **0.1** | **0.1** | **10** | **2** |
| 2570898 | Drill Core | 0.19 | 0.05 | 24.8 | 0.4 | <0.05 | 3.1 | 8.53 | 5.4 | <0.02 | 1 | 0.2 | 29.5 | 13 | 5 |
| 2570899 | Drill Core | 0.13 | 0.04 | 22.5 | 0.4 | <0.05 | 1.6 | 10.18 | 8.4 | 0.04 | <1 | 0.5 | 36.6 | 12 | 5 |
| 2570900 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | 0.15 | 0.1 | <0.02 | 1 | <0.1 | 0.1 | <10 | <2 |
| 2570901 | Drill Core | 0.13 | 0.06 | 33.4 | 0.3 | <0.05 | 2.0 | 6.80 | 3.5 | <0.02 | 1 | 0.1 | 21.1 | 20 | 6 |
| 2570902 | Drill Core | 0.15 | 0.06 | 34.4 | 0.3 | <0.05 | 2.2 | 7.40 | 4.5 | <0.02 | 3 | 0.1 | 25.0 | 11 | 5 |
| 2570903 | Drill Core | 0.13 | 0.06 | 34.7 | 2.9 | <0.05 | 2.3 | 7.24 | 4.1 | <0.02 | 2 | 0.1 | 22.8 | 14 | 3 |
| 2570904 | Drill Core | 0.13 | 0.05 | 29.4 | 0.8 | <0.05 | 2.0 | 6.50 | 3.9 | 0.02 | <1 | <0.1 | 18.3 | <10 | 4 |
| 2570905 | Core DUP | 0.12 | 0.05 | 29.6 | 0.2 | <0.05 | 2.0 | 6.58 | 3.9 | <0.02 | <1 | 0.1 | 18.2 | 12 | 7 |
| 2570906 | Drill Core | 0.12 | 0.04 | 34.6 | 0.3 | <0.05 | 1.4 | 7.30 | 5.0 | 0.02 | <1 | 0.1 | 26.7 | 11 | 6 |
| 2570907 | Drill Core | 0.18 | 0.04 | 17.9 | 0.3 | <0.05 | 2.9 | 8.98 | 5.8 | 0.02 | 3 | 0.3 | 26.2 | 16 | 4 |
| 2570908 | Drill Core | 0.11 | 0.05 | 28.0 | 0.3 | <0.05 | 2.6 | 7.69 | 5.3 | <0.02 | <1 | 0.1 | 24.5 | 14 | 4 |
| 2570909 | Drill Core | 0.11 | 0.05 | 15.9 | 0.3 | <0.05 | 2.7 | 8.38 | 5.6 | <0.02 | <1 | 0.3 | 27.2 | <10 | 6 |
| 2570910 | Rock Pulp | 0.11 | 0.07 | 32.5 | 1.1 | <0.05 | 3.4 | 8.53 | 37.2 | 0.09 | 46 | 0.4 | 5.9 | <10 | <2 |
| 2570911 | Drill Core | 0.14 | 0.06 | 4.5 | 0.3 | <0.05 | 2.8 | 8.69 | 6.1 | 0.02 | 1 | 0.3 | 26.9 | <10 | 5 |
| 2570912 | Drill Core | 0.18 | 0.05 | 13.1 | 0.3 | <0.05 | 3.2 | 7.36 | 4.3 | <0.02 | 1 | <0.1 | 22.7 | 10 | 4 |
| 2570913 | Drill Core | 0.15 | 0.04 | 14.9 | 0.2 | <0.05 | 2.9 | 6.64 | 3.8 | <0.02 | <1 | 0.2 | 19.9 | <10 | 4 |
| 2570914 | Drill Core | 0.17 | 0.04 | 11.6 | 0.2 | <0.05 | 3.9 | 6.42 | 3.3 | <0.02 | <1 | 0.1 | 15.7 | <10 | 6 |
| 2570915 | Drill Core | 0.16 | 0.04 | 11.5 | 0.3 | <0.05 | 3.3 | 6.96 | 4.1 | <0.02 | <1 | 0.2 | 21.0 | <10 | 4 |
| 2570916 | Drill Core | 0.18 | 0.04 | 9.5 | 0.2 | <0.05 | 4.1 | 6.84 | 3.6 | <0.02 | <1 | 0.2 | 18.0 | <10 | 5 |
| 2570917 | Drill Core | 0.13 | 0.07 | 33.1 | 0.3 | <0.05 | 3.2 | 7.48 | 6.6 | 0.02 | <1 | 0.2 | 27.5 | <10 | 3 |
| 2570918 | Drill Core | 0.23 | 0.04 | 16.5 | 0.3 | <0.05 | 3.2 | 6.19 | 3.2 | <0.02 | <1 | 0.1 | 16.0 | <10 | 2 |
| 2570919 | Drill Core | 0.17 | 0.05 | 16.4 | 0.4 | <0.05 | 3.7 | 9.10 | 5.9 | 0.04 | <1 | 0.5 | 38.4 | <10 | 7 |
| 2570920 | Drill Core | 0.20 | 0.03 | 8.7 | 0.3 | <0.05 | 3.5 | 8.45 | 5.6 | 0.03 | <1 | 0.3 | 41.5 | 13 | 4 |
| 2570921 | Drill Core | 0.20 | 0.05 | 8.7 | 0.2 | <0.05 | 3.6 | 6.45 | 3.3 | <0.02 | <1 | 0.2 | 18.4 | 13 | 3 |
| 2570922 | Drill Core | 0.20 | 0.06 | 1.6 | 0.2 | <0.05 | 3.6 | 6.56 | 3.9 | <0.02 | <1 | 0.2 | 30.3 | <10 | 5 |
| 2570923 | Drill Core | 0.20 | 0.07 | 14.1 | 0.2 | <0.05 | 3.9 | 6.65 | 3.3 | <0.02 | <1 | 0.1 | 24.4 | <10 | 4 |
| 2570924 | Drill Core | 0.17 | 0.07 | 19.0 | 0.3 | <0.05 | 3.1 | 5.91 | 3.1 | <0.02 | <1 | 0.1 | 16.9 | <10 | 5 |
| 2570925 | Drill Core | 0.18 | 0.07 | 19.1 | 0.3 | <0.05 | 3.8 | 6.12 | 3.1 | <0.02 | 1 | 0.2 | 18.8 | <10 | 5 |
| 2570926 | Drill Core | 0.19 | 0.07 | 13.1 | 0.2 | <0.05 | 3.3 | 5.84 | 3.2 | <0.02 | <1 | 0.1 | 17.8 | 13 | 4 |
| 2570927 | Drill Core | 0.14 | 0.06 | 20.4 | 0.3 | <0.05 | 2.9 | 7.02 | 3.5 | <0.02 | <1 | 0.2 | 19.1 | 10 | 5 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570928 | Drill Core | 2.46 | 0.41 | 111.99 | 1.43 | 48.4 | 78 | 33.3 | 23.3 | 439 | 3.67 | 3.6 | 0.1 | 3.3 | 0.4 | 100.6 | 0.09 | 0.35 | <0.02 | 119 | 1.71 |
| 2570929 | Drill Core | 2.46 | 1.43 | 97.76 | 2.03 | 46.0 | 98 | 49.9 | 26.5 | 626 | 4.44 | 21.5 | 0.1 | 3.2 | 0.4 | 173.0 | 0.08 | 1.51 | 0.06 | 143 | 3.83 |
| 2570930 | Drill Core | 3.26 | 0.27 | 78.68 | 1.66 | 27.6 | 54 | 56.9 | 20.8 | 534 | 3.03 | 9.2 | 0.1 | 1.4 | 0.3 | 209.5 | 0.05 | 0.37 | <0.02 | 91 | 4.31 |
| 2570931 | Drill Core | 1.45 | 0.45 | 31.31 | 12.36 | 65.2 | 105 | 51.7 | 24.4 | 2200 | 4.21 | 90.8 | <0.1 | 8.0 | 0.2 | 607.0 | 0.25 | 3.07 | 0.15 | 77 | 16.69 |
| 2570932 | Drill Core | 4.62 | 0.36 | 92.44 | 2.79 | 35.0 | 68 | 73.4 | 24.7 | 695 | 3.36 | 5.9 | 0.1 | 1.3 | 0.3 | 144.4 | 0.09 | 0.72 | 0.03 | 98 | 4.35 |
| 2570933 | Drill Core | 4.05 | 0.52 | 95.49 | 4.91 | 40.6 | 79 | 73.2 | 24.8 | 630 | 3.57 | 62.0 | 0.1 | 9.8 | 0.4 | 170.7 | 0.11 | 1.21 | 0.03 | 97 | 4.33 |
| 2570934 | Drill Core | 3.55 | 0.89 | 105.07 | 2.09 | 39.7 | 60 | 80.8 | 28.8 | 480 | 4.00 | 12.4 | 0.1 | 2.5 | 0.4 | 136.3 | 0.07 | 0.79 | 0.04 | 103 | 2.77 |
| 2570935 | Drill Core | 4.53 | 3.12 | 87.18 | 2.79 | 55.0 | 104 | 73.9 | 29.5 | 952 | 4.95 | 179.0 | 0.1 | 6.8 | 0.4 | 168.2 | 0.39 | 2.22 | 0.04 | 120 | 8.50 |
| 2570936 | Drill Core | 3.89 | 20.09 | 62.05 | 13.35 | 80.0 | 273 | 45.2 | 12.9 | 490 | 3.45 | 55.3 | 1.3 | 0.7 | 1.6 | 164.0 | 0.59 | 4.50 | 0.19 | 62 | 7.35 |
| 2570937 | Drill Core | 4.36 | 46.53 | 67.66 | 15.80 | 100.8 | 199 | 74.3 | 12.1 | 454 | 3.40 | 13.0 | 1.4 | 0.6 | 1.1 | 144.3 | 0.73 | 1.46 | 0.13 | 40 | 7.78 |
| 2570938 | Drill Core | 2.68 | 39.85 | 65.01 | 21.01 | 98.8 | 243 | 77.0 | 12.1 | 374 | 3.41 | 6.5 | 0.9 | 0.5 | 1.1 | 103.2 | 0.66 | 1.79 | 0.15 | 35 | 5.51 |
| 2570939 | Drill Core | 3.31 | 30.18 | 65.41 | 20.94 | 205.0 | 369 | 85.9 | 12.9 | 419 | 3.57 | 7.4 | 0.8 | <0.2 | 1.1 | 111.2 | 2.76 | 2.19 | 0.16 | 84 | 5.48 |
| 2570940 | Rock | 1.10 | 0.04 | 1.37 | 0.13 | 0.7 | <2 | <0.1 | <0.1 | 14 | 0.02 | <0.1 | 1.4 | 0.6 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 36.49 |
| 2570941 | Drill Core | 2.86 | 2.90 | 62.68 | 11.69 | 183.2 | 362 | 39.2 | 13.4 | 377 | 3.92 | 4.0 | 0.3 | 0.4 | 0.9 | 83.4 | 1.88 | 1.60 | 0.16 | 100 | 2.18 |
| 2570942 | Drill Core | 1.00 | 1.34 | 25.81 | 4.15 | 61.7 | 155 | 6.7 | 10.6 | 1796 | 3.50 | 0.8 | 0.1 | 0.9 | 0.4 | 162.6 | 0.15 | 0.50 | 0.03 | 81 | 8.35 |
| 2570943 | Drill Core | 2.36 | 2.96 | 57.61 | 10.21 | 109.7 | 352 | 30.0 | 14.1 | 548 | 4.11 | 382.4 | 0.4 | 6.3 | 1.8 | 102.1 | 0.69 | 10.97 | 0.14 | 109 | 2.84 |
| 2570944 | Drill Core | 2.55 | 6.46 | 64.07 | 13.92 | 219.2 | 422 | 32.5 | 14.7 | 683 | 3.71 | 16.4 | 0.3 | 0.8 | 1.1 | 138.9 | 2.47 | 2.70 | 0.12 | 115 | 5.33 |
| 2570945 | Core DUP | | 6.33 | 65.33 | 13.98 | 224.9 | 431 | 32.7 | 14.8 | 675 | 3.78 | 17.0 | 0.3 | 0.7 | 1.1 | 143.2 | 2.55 | 2.72 | 0.12 | 115 | 5.56 |
| 2570946 | Drill Core | 1.93 | 0.25 | 5.20 | 11.69 | 95.0 | 116 | 2.3 | 4.0 | 506 | 2.53 | 0.7 | 1.6 | 2.3 | 5.3 | 160.0 | 0.14 | 0.26 | 0.17 | 31 | 1.62 |
| 2570947 | Drill Core | 3.51 | 0.19 | 4.68 | 10.74 | 79.7 | 58 | 2.3 | 3.7 | 522 | 2.41 | 1.0 | 1.4 | 4.4 | 4.6 | 149.2 | 0.08 | 0.20 | 0.06 | 22 | 2.60 |
| 2570948 | Drill Core | 4.28 | 0.11 | 3.78 | 11.83 | 80.6 | 47 | 1.9 | 3.6 | 520 | 2.42 | 0.5 | 1.5 | 2.8 | 5.1 | 185.7 | 0.05 | 0.21 | 0.08 | 19 | 1.98 |
| 2570949 | Drill Core | 2.84 | 0.80 | 7.47 | 14.38 | 84.5 | 148 | 2.3 | 3.7 | 503 | 2.25 | 2.4 | 1.6 | 5.5 | 5.3 | 133.3 | 0.12 | 0.35 | 0.20 | 17 | 2.40 |
| 2570950 | Rock Pulp | 0.10 | 224.01 | 2573.97 | 47.45 | 291.9 | 3326 | 9.3 | 19.7 | 207 | 3.32 | 25.8 | 5.8 | 248.5 | 11.5 | 47.7 | 2.88 | 7.06 | 4.11 | 41 | 0.92 |
| 2570951 | Drill Core | 4.69 | 2.61 | 55.72 | 18.10 | 100.1 | 830 | 27.6 | 13.4 | 425 | 3.36 | 6.8 | 0.3 | 2.1 | 1.6 | 156.0 | 0.73 | 1.53 | 0.17 | 79 | 3.62 |
| 2570952 | Drill Core | 4.52 | 6.21 | 56.74 | 10.81 | 213.4 | 388 | 30.1 | 13.1 | 697 | 3.66 | 30.3 | 0.3 | 0.9 | 1.1 | 140.0 | 2.68 | 3.26 | 0.08 | 94 | 5.30 |
| 2570953 | Drill Core | 2.25 | 4.03 | 66.70 | 7.93 | 170.0 | 304 | 25.0 | 16.3 | 694 | 4.54 | 8.0 | 0.3 | 0.8 | 1.1 | 155.8 | 1.49 | 1.18 | 0.08 | 135 | 3.23 |
| 2570954 | Drill Core | 2.16 | 4.51 | 57.06 | 8.47 | 195.3 | 253 | 30.8 | 15.0 | 923 | 3.59 | 2.0 | 0.4 | 1.4 | 1.1 | 151.4 | 2.08 | 1.04 | 0.09 | 94 | 6.27 |
| 2570955 | Drill Core | 4.87 | 6.33 | 64.18 | 9.25 | 130.3 | 357 | 36.4 | 14.3 | 439 | 3.82 | 3.0 | 0.4 | <0.2 | 1.0 | 136.2 | 1.09 | 1.22 | 0.13 | 78 | 4.10 |
| 2570956 | Drill Core | 4.47 | 20.81 | 69.64 | 9.40 | 122.0 | 199 | 51.0 | 15.1 | 511 | 3.84 | 8.0 | 0.5 | 0.2 | 0.9 | 175.2 | 1.11 | 1.02 | 0.12 | 60 | 6.15 |
| 2570957 | Drill Core | 2.63 | 3.77 | 60.66 | 5.33 | 76.1 | 92 | 17.3 | 21.1 | 693 | 3.82 | 3.0 | 0.2 | 0.7 | 0.7 | 124.6 | 0.19 | 0.35 | 0.04 | 92 | 5.17 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570928 | Drill Core | 0.123 | 1.8 | 48.4 | 1.55 | 383.2 | 0.172 | <1 | 1.87 | 0.118 | 0.65 | <0.1 | 9.0 | 0.17 | 0.24 | 10 | <0.1 | <0.02 | 6.7 | 1.56 | 0.1 |
| 2570929 | Drill Core | 0.095 | 2.0 | 81.0 | 1.98 | 309.3 | 0.167 | 1 | 2.44 | 0.151 | 0.58 | 0.1 | 12.4 | 0.17 | 0.57 | 18 | 0.3 | 0.05 | 7.4 | 1.19 | <0.1 |
| 2570930 | Drill Core | 0.085 | 1.1 | 74.7 | 1.81 | 145.4 | 0.121 | 1 | 2.91 | 0.271 | 0.42 | <0.1 | 6.4 | 0.11 | 0.18 | <5 | <0.1 | 0.02 | 6.1 | 0.98 | <0.1 |
| 2570931 | Drill Core | 0.063 | 5.0 | 83.0 | 1.64 | 34.6 | 0.014 | 3 | 1.66 | 0.028 | 0.15 | <0.1 | 14.9 | 0.04 | 1.20 | 9 | 0.2 | 0.06 | 4.6 | 0.82 | <0.1 |
| 2570932 | Drill Core | 0.094 | 1.4 | 91.1 | 1.97 | 166.4 | 0.159 | 1 | 2.18 | 0.154 | 0.42 | <0.1 | 7.3 | 0.09 | 0.24 | <5 | <0.1 | <0.02 | 5.9 | 0.77 | <0.1 |
| 2570933 | Drill Core | 0.093 | 1.6 | 83.6 | 1.90 | 97.8 | 0.143 | 2 | 2.07 | 0.158 | 0.25 | <0.1 | 9.3 | 0.07 | 0.33 | <5 | <0.1 | <0.02 | 5.7 | 0.67 | <0.1 |
| 2570934 | Drill Core | 0.089 | 1.4 | 86.4 | 2.08 | 71.5 | 0.155 | 1 | 2.24 | 0.166 | 0.24 | 0.1 | 7.3 | 0.08 | 0.74 | <5 | <0.1 | <0.02 | 6.1 | 0.60 | <0.1 |
| 2570935 | Drill Core | 0.095 | 2.3 | 109.7 | 1.91 | 65.5 | 0.116 | 2 | 2.07 | 0.070 | 0.37 | 0.1 | 11.6 | 0.14 | 1.83 | <5 | 0.1 | <0.02 | 6.0 | 0.96 | <0.1 |
| 2570936 | Drill Core | 0.162 | 6.9 | 32.5 | 0.76 | 28.4 | 0.054 | 2 | 1.26 | 0.081 | 0.13 | 0.5 | 5.9 | 0.17 | 2.25 | 15 | 1.0 | 0.07 | 4.4 | 0.74 | <0.1 |
| 2570937 | Drill Core | 0.216 | 5.4 | 22.0 | 0.32 | 20.6 | 0.079 | 1 | 1.11 | 0.178 | 0.09 | 0.8 | 3.4 | 0.17 | 2.29 | 12 | 1.5 | 0.06 | 3.7 | 0.37 | <0.1 |
| 2570938 | Drill Core | 0.139 | 4.8 | 19.5 | 0.20 | 19.1 | 0.088 | 1 | 1.10 | 0.166 | 0.07 | 0.7 | 2.2 | 0.13 | 2.24 | 13 | 1.8 | 0.05 | 3.3 | 0.22 | <0.1 |
| 2570939 | Drill Core | 0.153 | 5.3 | 29.0 | 0.36 | 20.8 | 0.090 | 1 | 1.19 | 0.179 | 0.11 | 0.6 | 3.7 | 0.23 | 2.39 | 23 | 5.4 | 0.06 | 3.8 | 0.51 | <0.1 |
| 2570940 | Rock | 0.002 | <0.5 | <0.5 | 1.04 | 5.1 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | <0.02 | <5 | <0.1 | 0.24 | <0.1 | <0.02 | <0.1 |
| 2570941 | Drill Core | 0.099 | 5.1 | 44.9 | 0.62 | 24.3 | 0.128 | <1 | 1.39 | 0.183 | 0.21 | 0.2 | 5.4 | 0.34 | 2.33 | 20 | 4.4 | 0.08 | 4.9 | 0.76 | <0.1 |
| 2570942 | Drill Core | 0.125 | 6.2 | 10.3 | 1.17 | 29.7 | 0.129 | 1 | 1.77 | 0.140 | 0.22 | 0.2 | 5.2 | 0.25 | 1.81 | 7 | 0.6 | 0.02 | 6.4 | 0.62 | <0.1 |
| 2570943 | Drill Core | 0.116 | 6.4 | 47.0 | 1.19 | 30.3 | 0.084 | 1 | 1.75 | 0.138 | 0.28 | 0.1 | 6.0 | 0.36 | 2.10 | 17 | 4.2 | 0.06 | 6.3 | 2.06 | <0.1 |
| 2570944 | Drill Core | 0.102 | 5.5 | 34.6 | 0.71 | 24.4 | 0.117 | 1 | 1.80 | 0.178 | 0.22 | 0.3 | 7.1 | 0.27 | 1.97 | 22 | 5.3 | 0.08 | 6.1 | 0.98 | <0.1 |
| 2570945 | Core DUP | 0.102 | 5.5 | 35.8 | 0.74 | 23.3 | 0.112 | 2 | 1.80 | 0.176 | 0.21 | 0.3 | 7.2 | 0.28 | 2.03 | 25 | 5.2 | 0.08 | 5.8 | 1.02 | <0.1 |
| 2570946 | Drill Core | 0.080 | 25.0 | 4.4 | 0.54 | 87.5 | 0.122 | 2 | 1.55 | 0.107 | 0.53 | 0.2 | 3.7 | 0.37 | 0.14 | 9 | <0.1 | 0.02 | 7.7 | 1.58 | <0.1 |
| 2570947 | Drill Core | 0.077 | 20.0 | 4.0 | 0.49 | 55.5 | 0.070 | 2 | 1.32 | 0.081 | 0.36 | 0.1 | 2.4 | 0.20 | 0.08 | <5 | <0.1 | <0.02 | 6.6 | 1.23 | <0.1 |
| 2570948 | Drill Core | 0.082 | 23.0 | 3.3 | 0.49 | 59.4 | 0.056 | 3 | 1.26 | 0.063 | 0.35 | <0.1 | 2.3 | 0.20 | 0.03 | <5 | <0.1 | <0.02 | 6.5 | 1.05 | <0.1 |
| 2570949 | Drill Core | 0.081 | 19.2 | 3.8 | 0.46 | 50.9 | 0.053 | 2 | 1.19 | 0.067 | 0.32 | 0.2 | 2.2 | 0.19 | 0.23 | <5 | <0.1 | 0.03 | 5.5 | 1.26 | <0.1 |
| 2570950 | Rock Pulp | 0.055 | 21.0 | 65.3 | 0.65 | 51.6 | 0.042 | 2 | 1.25 | 0.031 | 0.53 | 3.2 | 5.3 | 0.40 | 1.99 | 78 | 2.8 | 0.31 | 3.9 | 2.29 | <0.1 |
| 2570951 | Drill Core | 0.085 | 4.7 | 46.5 | 0.94 | 48.0 | 0.121 | 2 | 2.45 | 0.195 | 0.36 | 0.4 | 5.6 | 0.32 | 1.69 | 12 | 2.6 | 0.21 | 6.0 | 0.89 | <0.1 |
| 2570952 | Drill Core | 0.119 | 6.1 | 29.8 | 0.82 | 40.6 | 0.110 | 2 | 1.26 | 0.081 | 0.22 | 0.3 | 4.1 | 0.26 | 1.74 | 14 | 3.9 | 0.07 | 4.4 | 0.76 | <0.1 |
| 2570953 | Drill Core | 0.126 | 5.3 | 37.5 | 1.07 | 103.6 | 0.202 | 1 | 2.44 | 0.258 | 0.47 | 0.2 | 7.5 | 0.64 | 1.89 | 10 | 2.4 | 0.05 | 8.3 | 1.31 | <0.1 |
| 2570954 | Drill Core | 0.104 | 5.4 | 29.3 | 0.73 | 52.6 | 0.146 | <1 | 1.61 | 0.202 | 0.26 | 0.2 | 5.2 | 0.44 | 1.90 | 10 | 2.8 | 0.04 | 5.4 | 0.82 | <0.1 |
| 2570955 | Drill Core | 0.110 | 5.4 | 32.3 | 0.61 | 36.8 | 0.144 | <1 | 1.72 | 0.235 | 0.17 | 0.3 | 4.6 | 0.38 | 2.24 | 6 | 2.2 | 0.06 | 5.2 | 0.67 | <0.1 |
| 2570956 | Drill Core | 0.124 | 5.4 | 26.3 | 0.35 | 35.2 | 0.122 | <1 | 1.92 | 0.260 | 0.12 | 0.5 | 3.6 | 0.31 | 2.31 | 11 | 1.4 | 0.06 | 5.1 | 0.57 | <0.1 |
| 2570957 | Drill Core | 0.160 | 5.4 | 18.5 | 1.07 | 40.3 | 0.149 | 1 | 1.81 | 0.147 | 0.21 | 0.3 | 7.2 | 0.33 | 2.27 | 9 | <0.1 | 0.02 | 6.6 | 0.59 | <0.1 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570928 | Drill Core | 0.12 | 0.05 | 18.4 | 0.3 | <0.05 | 2.4 | 6.93 | 4.5 | <0.02 | <1 | 0.1 | 24.5 | <10 | 4 |
| 2570929 | Drill Core | 0.12 | 0.04 | 14.9 | 0.3 | <0.05 | 2.0 | 7.54 | 4.9 | <0.02 | 3 | 0.3 | 34.3 | <10 | 4 |
| 2570930 | Drill Core | 0.08 | 0.02 | 10.2 | 0.2 | <0.05 | 1.5 | 4.98 | 2.8 | <0.02 | 1 | 0.2 | 21.3 | <10 | 3 |
| 2570931 | Drill Core | 0.02 | <0.02 | 6.3 | <0.1 | <0.05 | 0.5 | 9.44 | 10.0 | 0.05 | 3 | 0.5 | 16.2 | <10 | 2 |
| 2570932 | Drill Core | 0.10 | 0.03 | 11.2 | 1.4 | <0.05 | 3.0 | 6.20 | 3.4 | <0.02 | 2 | 0.1 | 23.5 | <10 | 4 |
| 2570933 | Drill Core | 0.15 | 0.03 | 7.0 | 0.7 | <0.05 | 2.7 | 5.82 | 3.9 | <0.02 | 1 | 0.1 | 22.3 | <10 | 4 |
| 2570934 | Drill Core | 0.10 | 0.04 | 6.4 | 0.2 | <0.05 | 2.6 | 5.16 | 3.6 | <0.02 | 4 | <0.1 | 23.0 | <10 | 3 |
| 2570935 | Drill Core | 0.08 | 0.04 | 11.8 | 0.2 | <0.05 | 2.0 | 6.71 | 5.0 | 0.02 | 1 | 0.2 | 26.4 | <10 | 3 |
| 2570936 | Drill Core | 0.21 | 0.09 | 7.0 | 0.3 | <0.05 | 7.5 | 9.77 | 13.4 | 0.02 | 14 | 0.5 | 15.1 | <10 | <2 |
| 2570937 | Drill Core | 0.22 | 0.22 | 5.2 | 0.3 | <0.05 | 7.1 | 8.62 | 10.7 | <0.02 | 35 | 0.4 | 6.1 | <10 | <2 |
| 2570938 | Drill Core | 0.17 | 0.27 | 4.2 | 0.3 | <0.05 | 5.2 | 7.50 | 9.7 | <0.02 | 27 | 0.3 | 3.7 | <10 | <2 |
| 2570939 | Drill Core | 0.14 | 0.23 | 7.7 | 0.3 | <0.05 | 4.4 | 7.59 | 9.9 | 0.03 | 24 | 0.4 | 7.5 | <10 | <2 |
| 2570940 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | <0.1 | 0.13 | 0.1 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |
| 2570941 | Drill Core | 0.08 | 0.23 | 15.7 | 0.5 | <0.05 | 2.1 | 6.92 | 9.7 | 0.04 | 8 | 0.3 | 10.7 | <10 | <2 |
| 2570942 | Drill Core | 0.07 | 0.17 | 11.8 | 0.3 | <0.05 | 1.6 | 8.11 | 12.3 | 0.03 | 2 | 0.3 | 19.8 | <10 | <2 |
| 2570943 | Drill Core | 0.08 | 0.08 | 18.2 | 0.3 | <0.05 | 2.3 | 8.30 | 12.0 | 0.04 | 5 | 0.4 | 25.3 | <10 | <2 |
| 2570944 | Drill Core | 0.08 | 0.15 | 14.6 | 0.5 | <0.05 | 2.1 | 8.16 | 10.4 | 0.04 | 5 | 0.5 | 17.5 | <10 | <2 |
| 2570945 | Core DUP | 0.07 | 0.12 | 14.3 | 0.5 | <0.05 | 1.9 | 8.06 | 10.3 | 0.03 | 6 | 0.5 | 17.8 | <10 | 2 |
| 2570946 | Drill Core | 0.07 | 0.94 | 41.7 | 1.0 | <0.05 | 1.7 | 6.66 | 45.4 | 0.03 | <1 | 0.3 | 15.1 | <10 | <2 |
| 2570947 | Drill Core | 0.07 | 0.58 | 24.9 | 0.7 | <0.05 | 1.5 | 6.18 | 37.1 | 0.02 | <1 | 0.5 | 13.7 | <10 | <2 |
| 2570948 | Drill Core | 0.04 | 0.44 | 23.5 | 0.5 | <0.05 | 1.1 | 5.61 | 42.0 | <0.02 | <1 | 0.4 | 13.1 | <10 | <2 |
| 2570949 | Drill Core | 0.05 | 0.63 | 21.4 | 0.5 | <0.05 | 1.6 | 6.11 | 35.8 | <0.02 | <1 | 0.5 | 11.8 | <10 | <2 |
| 2570950 | Rock Pulp | 0.11 | 0.08 | 37.4 | 1.3 | <0.05 | 3.3 | 9.04 | 37.5 | 0.09 | 44 | 0.4 | 5.6 | <10 | <2 |
| 2570951 | Drill Core | 0.08 | 0.14 | 20.2 | 0.4 | <0.05 | 2.4 | 7.83 | 9.2 | 0.02 | 4 | 0.5 | 18.4 | <10 | <2 |
| 2570952 | Drill Core | 0.09 | 0.15 | 11.5 | 0.3 | <0.05 | 2.1 | 9.28 | 10.9 | 0.03 | 7 | 0.3 | 16.5 | <10 | <2 |
| 2570953 | Drill Core | 0.08 | 0.16 | 23.7 | 0.4 | <0.05 | 2.1 | 9.27 | 10.9 | 0.04 | 3 | 0.4 | 18.7 | <10 | <2 |
| 2570954 | Drill Core | 0.08 | 0.19 | 14.3 | 0.4 | <0.05 | 2.5 | 7.56 | 10.2 | 0.02 | 6 | 0.2 | 14.6 | <10 | <2 |
| 2570955 | Drill Core | 0.10 | 0.22 | 10.9 | 0.4 | <0.05 | 2.8 | 7.96 | 10.1 | 0.03 | 9 | 0.4 | 13.8 | <10 | <2 |
| 2570956 | Drill Core | 0.14 | 0.24 | 7.5 | 0.4 | <0.05 | 3.6 | 8.26 | 9.9 | 0.03 | 14 | 0.6 | 8.2 | <10 | <2 |
| 2570957 | Drill Core | 0.09 | 0.20 | 10.2 | 0.3 | <0.05 | 2.6 | 8.59 | 11.3 | 0.03 | 2 | 0.3 | 22.8 | <10 | <2 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001701.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570958 | Drill Core | 2.24 | 35.90 | 69.23 | 18.85 | 79.3 | 219 | 78.4 | 10.8 | 535 | 3.91 | 7.4 | 0.9 | 0.4 | 0.9 | 622.1 | 0.55 | 1.61 | 0.17 | 55 | 9.98 |
| 2570959 | Drill Core | 4.64 | 36.59 | 70.46 | 22.92 | 100.7 | 263 | 93.0 | 13.4 | 414 | 3.73 | 15.6 | 0.9 | <0.2 | 1.2 | 351.1 | 0.73 | 1.70 | 0.19 | 70 | 8.26 |
| 2570960 | Drill Core | 4.04 | 32.31 | 58.77 | 17.84 | 99.0 | 274 | 86.9 | 9.9 | 459 | 2.90 | 119.2 | 0.9 | <0.2 | 1.5 | 298.5 | 0.97 | 5.45 | 0.15 | 90 | 9.50 |
| 2570961 | Drill Core | 4.09 | 7.25 | 55.81 | 12.00 | 129.1 | 371 | 36.6 | 12.0 | 517 | 3.26 | 835.8 | 0.4 | 1.5 | 1.1 | 321.8 | 1.13 | 4.39 | 0.10 | 47 | 7.17 |
| 2570962 | Drill Core | 2.10 | 10.43 | 54.68 | 13.39 | 122.3 | 379 | 42.9 | 10.4 | 453 | 3.08 | 25.7 | 0.5 | <0.2 | 1.3 | 130.0 | 1.17 | 2.58 | 0.12 | 60 | 5.80 |
| 2570963 | Drill Core | 2.24 | 15.31 | 68.58 | 15.66 | 124.0 | 300 | 50.2 | 13.2 | 479 | 4.15 | 11.0 | 0.5 | 0.5 | 1.1 | 115.8 | 1.16 | 2.40 | 0.12 | 69 | 5.57 |
| 2570964 | Drill Core | 0.55 | 5.70 | 62.56 | 6.09 | 75.8 | 145 | 15.6 | 23.4 | 631 | 4.69 | 4.9 | 0.2 | 0.7 | 0.6 | 62.3 | 0.32 | 0.35 | 0.04 | 77 | 3.74 |
| 2570965 | Drill Core | 0.59 | 5.80 | 57.45 | 6.25 | 69.3 | 142 | 15.7 | 20.0 | 677 | 5.05 | 4.9 | 0.2 | 0.5 | 0.6 | 76.1 | 0.28 | 0.38 | 0.04 | 69 | 5.07 |
| 2570966 | Drill Core | 4.84 | 30.92 | 69.13 | 24.37 | 99.6 | 273 | 84.6 | 12.6 | 418 | 3.78 | 19.0 | 0.8 | 0.8 | 1.2 | 159.8 | 0.76 | 1.70 | 0.16 | 50 | 7.05 |
| 2570967 | Drill Core | 4.10 | 29.01 | 63.54 | 17.52 | 105.8 | 254 | 87.4 | 12.8 | 431 | 3.37 | 11.5 | 0.9 | <0.2 | 1.4 | 159.3 | 0.96 | 1.27 | 0.14 | 53 | 7.56 |
| 2570968 | Drill Core | 2.35 | 1.16 | 12.48 | 11.39 | 85.7 | 85 | 6.6 | 5.0 | 546 | 2.52 | 0.9 | 1.5 | 1.2 | 6.2 | 216.7 | 0.18 | 0.24 | 0.25 | 32 | 1.76 |
| 2570969 | Drill Core | 2.36 | 0.27 | 8.97 | 6.83 | 79.7 | 43 | 5.9 | 4.9 | 598 | 2.64 | 5.9 | 1.7 | 0.7 | 6.2 | 133.7 | 0.05 | 0.17 | 0.05 | 33 | 1.82 |
| 2570970 | Rock Pulp | 0.11 | 224.35 | 2604.13 | 48.04 | 287.8 | 3138 | 9.7 | 19.8 | 201 | 3.32 | 25.0 | 5.9 | 247.0 | 11.6 | 46.6 | 2.86 | 6.83 | 4.10 | 38 | 0.90 |
| 2570971 | Drill Core | 3.56 | 0.16 | 7.58 | 10.39 | 83.4 | 48 | 4.6 | 4.5 | 567 | 2.58 | 24.4 | 1.7 | 1.7 | 6.2 | 193.8 | 0.06 | 0.30 | 0.03 | 31 | 1.70 |
| 2570972 | Drill Core | 4.83 | 0.18 | 7.50 | 8.06 | 85.1 | 47 | 5.4 | 4.6 | 589 | 2.60 | 1.1 | 1.7 | <0.2 | 6.1 | 207.2 | 0.05 | 0.10 | 0.05 | 32 | 1.58 |
| 2570973 | Drill Core | 2.90 | 0.35 | 8.64 | 8.08 | 76.7 | 61 | 4.9 | 4.4 | 607 | 2.66 | 2.4 | 1.6 | 0.9 | 6.6 | 173.6 | 0.07 | 0.21 | 0.05 | 31 | 2.20 |
| 2570974 | Drill Core | 2.07 | 0.68 | 11.20 | 7.15 | 80.8 | 70 | 5.6 | 4.8 | 551 | 2.69 | 1.4 | 1.6 | 1.8 | 6.5 | 180.3 | 0.08 | 0.20 | 0.11 | 33 | 1.38 |
| 2570975 | Drill Core | 3.24 | 8.81 | 55.62 | 14.58 | 232.7 | 371 | 38.9 | 11.3 | 361 | 3.17 | 5.0 | 1.0 | <0.2 | 3.1 | 195.0 | 3.11 | 1.63 | 0.25 | 89 | 3.83 |
| 2570976 | Drill Core | 3.22 | 21.15 | 53.36 | 9.32 | 91.0 | 143 | 65.7 | 13.2 | 598 | 3.38 | 8.8 | 0.7 | 0.3 | 1.5 | 200.6 | 0.81 | 1.77 | 0.13 | 69 | 8.67 |
| 2570977 | Drill Core | 3.52 | 5.51 | 63.04 | 8.40 | 186.0 | 267 | 35.7 | 18.3 | 480 | 4.37 | 9.4 | 0.3 | <0.2 | 1.0 | 168.0 | 1.99 | 2.61 | 0.09 | 109 | 5.19 |
| 2570978 | Drill Core | 2.41 | 7.54 | 66.80 | 11.84 | 320.8 | 403 | 47.9 | 14.0 | 377 | 3.85 | 9.2 | 0.5 | 0.7 | 1.3 | 115.1 | 4.17 | 3.55 | 0.14 | 126 | 4.27 |
| 2570979 | Drill Core | 3.66 | 6.93 | 63.49 | 11.95 | 167.5 | 469 | 39.2 | 18.1 | 583 | 4.19 | 6.1 | 0.4 | 0.8 | 1.3 | 129.7 | 1.83 | 2.28 | 0.14 | 109 | 4.66 |
| 2570980 | Rock | 1.23 | 0.03 | 0.36 | 0.08 | 0.3 | <2 | 0.1 | <0.1 | 13 | 0.02 | <0.1 | 1.4 | 0.5 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 36.99 |
| 2570981 | Drill Core | 3.17 | 0.68 | 12.28 | 6.27 | 76.5 | 131 | 5.4 | 4.6 | 532 | 2.68 | 0.8 | 1.4 | 0.3 | 6.1 | 90.5 | 0.15 | 0.41 | 0.19 | 27 | 1.43 |
| 2570982 | Drill Core | 2.30 | 13.48 | 66.78 | 13.48 | 138.9 | 361 | 53.7 | 14.4 | 459 | 3.64 | 17.2 | 0.6 | 0.5 | 1.2 | 145.9 | 1.42 | 3.59 | 0.12 | 104 | 6.44 |
| 2570983 | Drill Core | 2.36 | 9.49 | 68.48 | 8.47 | 151.0 | 185 | 41.0 | 15.4 | 461 | 4.07 | 12.1 | 0.5 | <0.2 | 1.2 | 114.8 | 1.63 | 2.41 | 0.10 | 100 | 5.59 |
| 2570984 | Drill Core | 1.52 | 2.08 | 57.33 | 4.52 | 89.6 | 100 | 18.7 | 18.3 | 1162 | 3.76 | 3.6 | 0.2 | 0.9 | 0.8 | 160.4 | 0.54 | 0.66 | 0.02 | 111 | 6.96 |
| 2570985 | Core DUP | | 1.86 | 58.31 | 4.82 | 91.6 | 111 | 18.3 | 18.8 | 1205 | 3.91 | 3.9 | 0.2 | 0.3 | 0.8 | 168.5 | 0.54 | 0.75 | 0.03 | 110 | 7.26 |
| 2570986 | Drill Core | 2.61 | 1.72 | 52.84 | 5.42 | 94.4 | 166 | 21.0 | 18.5 | 803 | 4.72 | 7.4 | 0.2 | 1.1 | 0.8 | 126.6 | 0.46 | 1.39 | 0.05 | 133 | 5.60 |
| 2570987 | Drill Core | 1.40 | 3.80 | 49.91 | 5.31 | 103.6 | 211 | 25.6 | 19.8 | 592 | 4.69 | 4.7 | 0.3 | 0.6 | 0.9 | 106.0 | 0.71 | 1.57 | 0.06 | 126 | 4.18 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570958 | Drill Core | 0.167 | 5.4 | 20.4 | 0.37 | 72.2 | 0.102 | 1 | 1.68 | 0.176 | 0.10 | 0.6 | 4.1 | 0.22 | 2.53 | 8 | 1.1 | 0.10 | 4.7 | 0.45 | <0.1 |
| 2570959 | Drill Core | 0.138 | 6.1 | 28.2 | 0.45 | 49.2 | 0.101 | 1 | 2.19 | 0.286 | 0.11 | 0.7 | 5.2 | 0.20 | 2.39 | 13 | 1.7 | 0.08 | 5.6 | 0.52 | <0.1 |
| 2570960 | Drill Core | 0.135 | 7.3 | 27.5 | 0.59 | 57.9 | 0.021 | 2 | 1.29 | 0.076 | 0.20 | 0.5 | 4.4 | 0.31 | 1.70 | 6 | 2.4 | 0.07 | 3.7 | 1.06 | <0.1 |
| 2570961 | Drill Core | 0.096 | 6.5 | 17.8 | 0.78 | 54.2 | 0.002 | 2 | 1.22 | 0.026 | 0.23 | 0.2 | 3.8 | 0.17 | 1.63 | 6 | 2.3 | 0.07 | 3.6 | 0.60 | <0.1 |
| 2570962 | Drill Core | 0.108 | 5.5 | 25.9 | 0.64 | 60.8 | 0.061 | 2 | 1.01 | 0.059 | 0.18 | 0.3 | 4.2 | 0.19 | 1.90 | 7 | 2.2 | 0.09 | 3.2 | 0.39 | <0.1 |
| 2570963 | Drill Core | 0.119 | 5.9 | 27.3 | 0.64 | 60.9 | 0.102 | 2 | 1.21 | 0.079 | 0.17 | 0.4 | 4.6 | 0.21 | 2.63 | 9 | 1.9 | 0.10 | 3.7 | 0.41 | <0.1 |
| 2570964 | Drill Core | 0.147 | 5.1 | 16.9 | 1.09 | 38.3 | 0.126 | 1 | 1.58 | 0.092 | 0.18 | 0.4 | 5.4 | 0.20 | 2.72 | 7 | 0.1 | <0.02 | 5.6 | 0.21 | <0.1 |
| 2570965 | Drill Core | 0.142 | 4.7 | 16.1 | 1.01 | 32.7 | 0.113 | 2 | 1.48 | 0.066 | 0.15 | 0.4 | 4.8 | 0.16 | 3.34 | 7 | 0.1 | 0.04 | 5.0 | 0.19 | <0.1 |
| 2570966 | Drill Core | 0.132 | 5.7 | 18.7 | 0.21 | 27.7 | 0.092 | 1 | 1.23 | 0.200 | 0.08 | 0.5 | 2.6 | 0.25 | 2.90 | 18 | 1.8 | 0.06 | 3.5 | 0.23 | <0.1 |
| 2570967 | Drill Core | 0.136 | 5.9 | 19.5 | 0.19 | 20.8 | 0.093 | 1 | 1.14 | 0.186 | 0.08 | 0.6 | 2.7 | 0.23 | 2.26 | 10 | 2.0 | 0.05 | 3.2 | 0.25 | <0.1 |
| 2570968 | Drill Core | 0.077 | 12.5 | 9.1 | 0.58 | 43.4 | 0.102 | 2 | 1.63 | 0.174 | 0.37 | 0.2 | 3.5 | 0.40 | 0.37 | <5 | 0.2 | 0.05 | 7.2 | 1.55 | <0.1 |
| 2570969 | Drill Core | 0.082 | 13.6 | 10.1 | 0.64 | 52.7 | 0.114 | 2 | 1.86 | 0.201 | 0.64 | 0.2 | 4.3 | 0.51 | 0.19 | <5 | <0.1 | 0.05 | 8.5 | 2.39 | <0.1 |
| 2570970 | Rock Pulp | 0.055 | 20.7 | 67.1 | 0.65 | 55.3 | 0.042 | 2 | 1.21 | 0.031 | 0.52 | 3.5 | 5.1 | 0.39 | 1.98 | 72 | 2.5 | 0.31 | 3.8 | 2.19 | <0.1 |
| 2570971 | Drill Core | 0.079 | 15.1 | 8.5 | 0.59 | 49.1 | 0.098 | 2 | 1.86 | 0.236 | 0.51 | 0.1 | 3.7 | 0.41 | 0.17 | <5 | <0.1 | 0.03 | 8.4 | 2.13 | <0.1 |
| 2570972 | Drill Core | 0.079 | 14.6 | 9.5 | 0.62 | 55.0 | 0.114 | <1 | 1.91 | 0.206 | 0.66 | 0.1 | 4.1 | 0.50 | 0.19 | <5 | <0.1 | 0.04 | 8.5 | 2.23 | 0.1 |
| 2570973 | Drill Core | 0.079 | 14.9 | 8.4 | 0.63 | 37.7 | 0.093 | 1 | 1.71 | 0.192 | 0.43 | 0.2 | 3.6 | 0.39 | 0.32 | <5 | 0.1 | 0.05 | 7.8 | 1.86 | <0.1 |
| 2570974 | Drill Core | 0.082 | 16.3 | 9.2 | 0.67 | 59.0 | 0.096 | 1 | 1.77 | 0.192 | 0.53 | 0.2 | 4.3 | 0.54 | 0.25 | <5 | 0.2 | 0.05 | 8.1 | 2.14 | 0.1 |
| 2570975 | Drill Core | 0.112 | 7.4 | 27.9 | 0.65 | 31.3 | 0.094 | 1 | 1.83 | 0.260 | 0.18 | 0.4 | 4.3 | 0.37 | 1.73 | 14 | 4.2 | 0.09 | 5.8 | 0.90 | <0.1 |
| 2570976 | Drill Core | 0.132 | 6.1 | 26.9 | 0.40 | 21.4 | 0.103 | <1 | 1.26 | 0.167 | 0.10 | 0.5 | 4.3 | 0.27 | 2.16 | 6 | 1.3 | 0.04 | 4.1 | 0.34 | <0.1 |
| 2570977 | Drill Core | 0.126 | 5.9 | 34.8 | 0.80 | 26.7 | 0.139 | 1 | 1.46 | 0.139 | 0.16 | 0.6 | 6.0 | 0.33 | 3.13 | <5 | 4.7 | 0.05 | 5.0 | 0.54 | <0.1 |
| 2570978 | Drill Core | 0.097 | 5.9 | 34.6 | 0.48 | 20.5 | 0.120 | 1 | 1.17 | 0.171 | 0.14 | 0.3 | 4.0 | 0.38 | 2.52 | 5 | 7.7 | 0.04 | 4.2 | 0.70 | <0.1 |
| 2570979 | Drill Core | 0.122 | 6.0 | 35.7 | 0.77 | 21.1 | 0.138 | 1 | 1.41 | 0.167 | 0.21 | 0.5 | 5.5 | 0.36 | 2.56 | 7 | 3.2 | 0.04 | 5.0 | 0.81 | <0.1 |
| 2570980 | Rock | 0.002 | <0.5 | <0.5 | 1.13 | 3.2 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.07 | <5 | <0.1 | 0.22 | <0.1 | <0.02 | <0.1 |
| 2570981 | Drill Core | 0.084 | 14.5 | 8.2 | 0.61 | 49.1 | 0.090 | 1 | 1.51 | 0.126 | 0.35 | 0.4 | 3.4 | 0.44 | 0.72 | <5 | 0.2 | 0.05 | 6.4 | 1.73 | <0.1 |
| 2570982 | Drill Core | 0.129 | 7.0 | 29.7 | 0.48 | 18.2 | 0.128 | 2 | 1.08 | 0.130 | 0.12 | 0.5 | 5.3 | 0.31 | 2.30 | 8 | 2.2 | 0.12 | 3.7 | 0.55 | <0.1 |
| 2570983 | Drill Core | 0.131 | 6.9 | 26.5 | 0.48 | 23.1 | 0.133 | <1 | 1.17 | 0.139 | 0.12 | 0.3 | 5.3 | 0.29 | 2.58 | 6 | 2.9 | 0.03 | 4.3 | 0.42 | <0.1 |
| 2570984 | Drill Core | 0.161 | 6.1 | 32.0 | 1.06 | 59.0 | 0.149 | <1 | 1.59 | 0.140 | 0.46 | 0.2 | 8.0 | 0.47 | 1.89 | <5 | 0.7 | 0.02 | 5.7 | 1.17 | <0.1 |
| 2570985 | Core DUP | 0.168 | 6.2 | 31.9 | 1.08 | 63.0 | 0.146 | 1 | 1.59 | 0.148 | 0.47 | 0.2 | 8.3 | 0.52 | 1.98 | <5 | 0.9 | 0.02 | 5.9 | 1.23 | <0.1 |
| 2570986 | Drill Core | 0.150 | 6.0 | 36.6 | 1.27 | 51.2 | 0.147 | 1 | 1.57 | 0.120 | 0.40 | 0.2 | 9.5 | 0.52 | 3.61 | 7 | 1.0 | 0.03 | 6.5 | 1.26 | <0.1 |
| 2570987 | Drill Core | 0.125 | 5.9 | 37.4 | 1.10 | 31.3 | 0.154 | 1 | 1.42 | 0.120 | 0.23 | 0.3 | 9.4 | 0.42 | 3.32 | 6 | 1.9 | 0.03 | 5.7 | 0.86 | <0.1 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570958 | Drill Core | 0.17 | 0.21 | 5.0 | 0.3 | <0.05 | 5.5 | 9.64 | 10.4 | <0.02 | 20 | 0.5 | 8.0 | <10 | <2 |
| 2570959 | Drill Core | 0.19 | 0.19 | 5.3 | 0.4 | <0.05 | 5.6 | 9.10 | 11.8 | <0.02 | 28 | 0.7 | 10.0 | <10 | <2 |
| 2570960 | Drill Core | 0.16 | 0.04 | 10.2 | 0.3 | <0.05 | 5.9 | 12.11 | 12.1 | 0.03 | 20 | 0.4 | 15.8 | <10 | <2 |
| 2570961 | Drill Core | 0.05 | <0.02 | 9.7 | 0.1 | <0.05 | 1.9 | 10.79 | 10.9 | 0.04 | 6 | 0.3 | 16.8 | <10 | <2 |
| 2570962 | Drill Core | 0.11 | 0.10 | 7.0 | 0.3 | <0.05 | 3.1 | 9.03 | 9.9 | 0.03 | 11 | 0.4 | 11.3 | <10 | <2 |
| 2570963 | Drill Core | 0.12 | 0.18 | 6.9 | 0.3 | <0.05 | 3.5 | 9.01 | 10.6 | 0.03 | 13 | 0.6 | 12.1 | <10 | <2 |
| 2570964 | Drill Core | 0.13 | 0.16 | 7.0 | 0.3 | <0.05 | 2.4 | 8.17 | 10.8 | <0.02 | 1 | 0.3 | 18.2 | <10 | <2 |
| 2570965 | Drill Core | 0.09 | 0.15 | 6.0 | 0.3 | <0.05 | 2.1 | 7.51 | 9.8 | <0.02 | 2 | 0.3 | 17.0 | <10 | <2 |
| 2570966 | Drill Core | 0.16 | 0.24 | 4.4 | 0.4 | <0.05 | 4.5 | 8.07 | 10.5 | <0.02 | 24 | 0.4 | 6.4 | <10 | <2 |
| 2570967 | Drill Core | 0.17 | 0.29 | 5.5 | 0.4 | <0.05 | 4.5 | 8.20 | 10.5 | <0.02 | 18 | 0.4 | 5.7 | <10 | <2 |
| 2570968 | Drill Core | 0.26 | 0.86 | 27.0 | 0.8 | <0.05 | 6.2 | 5.20 | 23.9 | 0.04 | 1 | 0.6 | 19.0 | <10 | <2 |
| 2570969 | Drill Core | 0.27 | 0.70 | 51.3 | 1.2 | <0.05 | 6.6 | 6.02 | 26.5 | 0.04 | <1 | 0.5 | 19.2 | <10 | <2 |
| 2570970 | Rock Pulp | 0.10 | 0.07 | 37.1 | 1.2 | <0.05 | 3.4 | 8.85 | 37.6 | 0.07 | 41 | 0.5 | 5.7 | <10 | <2 |
| 2570971 | Drill Core | 0.31 | 0.58 | 41.3 | 1.0 | <0.05 | 6.9 | 6.07 | 29.0 | 0.04 | <1 | 0.4 | 17.3 | <10 | <2 |
| 2570972 | Drill Core | 0.29 | 0.69 | 52.9 | 1.0 | <0.05 | 7.1 | 6.11 | 28.4 | 0.04 | <1 | 0.4 | 17.7 | <10 | <2 |
| 2570973 | Drill Core | 0.29 | 0.74 | 33.2 | 1.0 | <0.05 | 6.9 | 6.17 | 29.4 | 0.03 | <1 | 0.4 | 18.5 | <10 | <2 |
| 2570974 | Drill Core | 0.26 | 0.66 | 38.5 | 1.1 | <0.05 | 7.3 | 6.24 | 31.6 | 0.03 | <1 | 0.4 | 16.8 | <10 | <2 |
| 2570975 | Drill Core | 0.22 | 0.15 | 11.8 | 0.5 | <0.05 | 6.4 | 7.98 | 13.3 | 0.03 | 7 | 0.6 | 15.5 | <10 | <2 |
| 2570976 | Drill Core | 0.14 | 0.25 | 6.1 | 0.4 | <0.05 | 4.5 | 8.76 | 11.8 | 0.02 | 15 | 0.4 | 11.4 | <10 | <2 |
| 2570977 | Drill Core | 0.16 | 0.18 | 8.6 | 0.4 | <0.05 | 3.1 | 7.72 | 10.8 | 0.04 | 6 | 0.3 | 22.5 | <10 | <2 |
| 2570978 | Drill Core | 0.13 | 0.27 | 10.9 | 0.4 | <0.05 | 3.4 | 7.82 | 10.8 | 0.04 | 10 | 0.2 | 11.8 | <10 | <2 |
| 2570979 | Drill Core | 0.11 | 0.23 | 14.8 | 0.4 | <0.05 | 2.9 | 7.69 | 10.9 | 0.03 | 5 | 0.4 | 18.7 | <10 | <2 |
| 2570980 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | <0.1 | 0.13 | 0.1 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |
| 2570981 | Drill Core | 0.23 | 0.93 | 25.4 | 0.9 | <0.05 | 5.8 | 5.23 | 27.7 | <0.02 | <1 | 0.5 | 22.6 | <10 | <2 |
| 2570982 | Drill Core | 0.15 | 0.25 | 8.7 | 0.4 | <0.05 | 4.1 | 9.60 | 13.1 | 0.03 | 11 | 0.3 | 13.8 | <10 | <2 |
| 2570983 | Drill Core | 0.16 | 0.28 | 7.6 | 0.4 | <0.05 | 3.9 | 9.04 | 13.2 | 0.03 | 8 | 0.4 | 13.2 | <10 | <2 |
| 2570984 | Drill Core | 0.07 | 0.15 | 20.5 | 0.3 | <0.05 | 2.2 | 8.90 | 11.7 | 0.03 | 2 | 0.2 | 26.4 | <10 | <2 |
| 2570985 | Core DUP | 0.10 | 0.16 | 21.7 | 0.3 | <0.05 | 2.2 | 8.96 | 12.3 | 0.03 | 2 | 0.3 | 27.3 | <10 | <2 |
| 2570986 | Drill Core | 0.10 | 0.15 | 16.4 | 0.4 | <0.05 | 2.4 | 8.39 | 11.4 | 0.03 | 2 | 0.3 | 30.1 | <10 | <2 |
| 2570987 | Drill Core | 0.13 | 0.18 | 12.3 | 0.4 | <0.05 | 2.2 | 7.87 | 11.3 | 0.03 | 4 | 0.4 | 30.7 | <10 | <2 |

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PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2570988 | Drill Core | 4.67 | 3.68 | 65.62 | 6.11 | 211.1 | 363 | 36.7 | 13.9 | 407 | 4.03 | 5.5 | 0.4 | <0.2 | 1.1 | 124.5 | 2.72 | 1.54 | 0.13 | 125 | 3.36 |
| 2570989 | Drill Core | 3.78 | 4.21 | 70.55 | 6.06 | 229.2 | 297 | 36.8 | 16.1 | 436 | 4.12 | 5.1 | 0.4 | <0.2 | 1.1 | 106.8 | 2.93 | 1.53 | 0.18 | 131 | 3.56 |
| 2570990 | Rock Pulp | 0.08 | 237.11 | 4687.86 | 4.10 | 47.4 | 650 | 32.0 | 10.6 | 463 | 3.53 | 5.6 | 0.3 | 433.0 | 0.8 | 36.9 | 0.54 | 0.78 | 0.10 | 55 | 0.76 |
| 2570991 | Drill Core | 2.09 | 2.35 | 60.46 | 6.63 | 171.1 | 311 | 25.9 | 18.6 | 791 | 4.17 | 2.5 | 0.3 | 1.0 | 0.9 | 145.7 | 2.01 | 1.11 | 0.11 | 130 | 5.76 |
| 2570992 | Drill Core | 4.65 | 3.64 | 68.47 | 7.63 | 161.6 | 291 | 28.7 | 14.8 | 464 | 4.03 | 5.6 | 0.4 | <0.2 | 1.2 | 115.2 | 1.60 | 1.43 | 0.12 | 102 | 3.65 |
| 2570993 | Drill Core | 4.54 | 12.72 | 69.41 | 7.88 | 106.4 | 180 | 43.6 | 13.6 | 529 | 3.83 | 7.5 | 0.5 | <0.2 | 1.2 | 120.2 | 0.89 | 1.34 | 0.13 | 70 | 6.10 |
| 2570994 | Drill Core | 3.65 | 13.41 | 75.80 | 7.71 | 80.4 | 282 | 37.6 | 11.7 | 441 | 3.53 | 4.2 | 0.5 | 0.4 | 1.4 | 124.2 | 0.72 | 2.03 | 0.42 | 73 | 6.28 |
| 2570995 | Drill Core | 4.23 | 0.48 | 10.60 | 7.93 | 73.9 | 75 | 6.0 | 5.0 | 570 | 2.68 | 0.8 | 1.2 | 0.4 | 6.2 | 186.4 | 0.06 | 0.19 | 0.11 | 33 | 1.73 |
| 2570996 | Drill Core | 1.76 | 0.16 | 7.99 | 8.41 | 83.9 | 66 | 4.6 | 4.7 | 568 | 2.60 | 2.1 | 1.2 | 1.7 | 6.3 | 235.6 | 0.04 | 0.55 | 0.04 | 31 | 1.66 |
| 2570997 | Drill Core | 2.44 | 0.27 | 8.82 | 9.32 | 72.8 | 117 | 5.2 | 5.2 | 531 | 2.58 | 13.2 | 1.3 | 2.0 | 6.1 | 118.5 | 0.11 | 0.88 | 0.10 | 24 | 1.82 |
| 2570998 | Drill Core | 4.32 | 21.98 | 72.60 | 27.19 | 162.4 | 750 | 58.5 | 11.5 | 499 | 3.42 | 45.2 | 0.7 | <0.2 | 1.2 | 211.0 | 1.91 | 9.53 | 0.18 | 81 | 5.85 |
| 2570999 | Drill Core | 4.50 | 24.92 | 69.77 | 10.86 | 250.3 | 358 | 77.1 | 10.8 | 519 | 2.90 | 54.3 | 0.9 | <0.2 | 1.2 | 424.3 | 3.48 | 21.96 | 0.12 | 46 | 9.13 |
| 2571000 | Drill Core | 2.34 | 33.29 | 66.85 | 17.98 | 57.0 | 718 | 77.3 | 15.3 | 503 | 3.59 | 406.6 | 0.8 | <0.2 | 1.0 | 370.1 | 0.56 | 9.54 | 0.20 | 47 | 7.91 |
| 2571001 | Drill Core | 2.38 | 19.43 | 58.81 | 21.26 | 88.9 | 413 | 49.3 | 11.3 | 517 | 3.41 | 2672.0 | 0.7 | 1.3 | 1.7 | 403.8 | 0.86 | 11.33 | 0.25 | 43 | 6.73 |
| 2571002 | Drill Core | 1.93 | 14.53 | 56.88 | 32.00 | 114.3 | 868 | 35.6 | 8.0 | 591 | 3.03 | 247.0 | 0.8 | 1.0 | 2.7 | 451.3 | 0.91 | 3.98 | 0.47 | 54 | 6.09 |
| 2571003 | Drill Core | 2.84 | 2.19 | 170.95 | 8.00 | 90.4 | 231 | 67.8 | 26.6 | 967 | 4.39 | 68.8 | 0.4 | 6.3 | 1.4 | 456.6 | 0.23 | 27.01 | 0.18 | 109 | 8.09 |
| 2571004 | Drill Core | 1.51 | 2.29 | 236.97 | 6.78 | 65.4 | 224 | 69.9 | 29.5 | 935 | 4.84 | 26.2 | 0.5 | 2.0 | 1.7 | 298.5 | 0.15 | 16.54 | 0.18 | 153 | 6.65 |
| 2571005 | Drill Core | 1.51 | 2.76 | 231.75 | 6.32 | 62.6 | 205 | 71.3 | 29.8 | 891 | 4.66 | 28.1 | 0.4 | 2.1 | 1.6 | 281.0 | 0.13 | 18.26 | 0.19 | 145 | 5.98 |
| 2571006 | Drill Core | 3.17 | 1.51 | 39.97 | 11.45 | 77.1 | 60 | 11.8 | 7.8 | 714 | 3.32 | 6.2 | 0.9 | 0.7 | 5.0 | 135.8 | 0.12 | 2.11 | 0.10 | 46 | 2.50 |
| 2571007 | Drill Core | 3.12 | 0.30 | 7.55 | 11.54 | 64.2 | 34 | 6.8 | 5.6 | 766 | 2.69 | 40.7 | 1.5 | 6.7 | 7.0 | 196.3 | 0.08 | 1.63 | 0.08 | 19 | 3.10 |
| 2571008 | Drill Core | 1.09 | 0.17 | 10.42 | 8.45 | 100.8 | 42 | 5.5 | 5.4 | 837 | 2.97 | 86.3 | 1.2 | 7.9 | 6.3 | 187.1 | 0.13 | 1.84 | 0.13 | 13 | 3.28 |
| 2571009 | Drill Core | 4.43 | 0.26 | 11.50 | 9.51 | 59.7 | 29 | 5.1 | 5.2 | 759 | 2.68 | 74.2 | 1.4 | 5.7 | 7.2 | 183.3 | 0.07 | 1.52 | 0.08 | 9 | 3.10 |
| 2571010 | Drill Core | 3.23 | 1.79 | 34.68 | 5.50 | 38.3 | 53 | 5.6 | 5.7 | 656 | 2.93 | 94.0 | 1.2 | 8.0 | 6.7 | 164.7 | 0.03 | 2.07 | 0.04 | 16 | 2.66 |
| 2571011 | Drill Core | 2.26 | 3.69 | 25.28 | 8.41 | 64.2 | 47 | 7.2 | 5.8 | 671 | 2.90 | 3.8 | 0.9 | 0.3 | 7.3 | 105.2 | 0.06 | 0.94 | 0.05 | 50 | 1.99 |
| 2571012 | Drill Core | 3.47 | 1.90 | 148.44 | 4.70 | 54.9 | 135 | 60.5 | 23.6 | 666 | 3.94 | 1.3 | 0.6 | 0.9 | 2.5 | 164.6 | 0.08 | 0.78 | 0.09 | 137 | 3.27 |
| 2571013 | Drill Core | 3.28 | 1.43 | 141.53 | 4.75 | 72.4 | 120 | 67.8 | 26.3 | 647 | 4.26 | 2.3 | 0.5 | 0.8 | 1.9 | 203.2 | 0.05 | 0.37 | 0.07 | 157 | 3.19 |
| 2571014 | Drill Core | 2.50 | 2.58 | 147.55 | 4.52 | 68.4 | 190 | 79.3 | 32.1 | 648 | 4.11 | 7.6 | 0.6 | <0.2 | 1.8 | 195.8 | 0.12 | 1.33 | 0.12 | 140 | 4.44 |
| 2571015 | Drill Core | 2.06 | 1.81 | 203.65 | 8.27 | 70.8 | 304 | 64.2 | 25.3 | 1101 | 5.04 | 107.6 | 0.5 | 7.5 | 1.6 | 419.6 | 0.13 | 15.02 | 0.09 | 176 | 6.72 |
| 2571016 | Drill Core | 2.13 | 0.93 | 164.34 | 6.15 | 62.5 | 133 | 66.3 | 27.2 | 835 | 4.70 | 23.3 | 0.5 | 0.3 | 1.8 | 212.3 | 0.07 | 2.56 | 0.06 | 190 | 4.42 |
| 2571017 | Drill Core | 2.51 | 0.56 | 174.35 | 3.92 | 39.3 | 149 | 39.0 | 24.1 | 563 | 3.54 | 1.7 | 0.2 | <0.2 | 0.7 | 91.6 | 0.10 | 0.38 | 0.05 | 146 | 2.94 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2570988 | Drill Core | 0.100 | 6.2 | 48.7 | 0.70 | 31.1 | 0.140 | <1 | 1.54 | 0.233 | 0.28 | 0.2 | 6.2 | 0.55 | 2.71 | 9 | 5.4 | 0.04 | 5.4 | 1.24 | <0.1 |
| 2570989 | Drill Core | 0.104 | 6.8 | 43.4 | 0.79 | 25.4 | 0.146 | <1 | 1.45 | 0.179 | 0.22 | 0.3 | 6.6 | 0.53 | 2.49 | 6 | 5.0 | 0.08 | 5.3 | 0.97 | <0.1 |
| 2570990 | Rock Pulp | 0.058 | 3.7 | 32.7 | 0.78 | 96.2 | 0.109 | 4 | 1.57 | 0.095 | 0.13 | 0.3 | 4.8 | 0.07 | 0.62 | 41 | 0.5 | 0.07 | 5.2 | 0.43 | 0.1 |
| 2570991 | Drill Core | 0.102 | 6.1 | 31.4 | 1.10 | 40.8 | 0.174 | <1 | 1.53 | 0.151 | 0.38 | 0.3 | 7.8 | 0.49 | 2.45 | <5 | 2.5 | 0.06 | 5.8 | 1.21 | 0.1 |
| 2570992 | Drill Core | 0.108 | 7.1 | 38.4 | 0.70 | 25.3 | 0.139 | <1 | 1.41 | 0.162 | 0.19 | 0.4 | 6.5 | 0.42 | 2.53 | 12 | 2.1 | 0.04 | 5.2 | 0.86 | <0.1 |
| 2570993 | Drill Core | 0.128 | 6.8 | 24.5 | 0.41 | 19.7 | 0.122 | <1 | 1.00 | 0.148 | 0.08 | 0.5 | 5.0 | 0.24 | 2.47 | <5 | 1.2 | 0.03 | 3.9 | 0.34 | <0.1 |
| 2570994 | Drill Core | 0.127 | 6.8 | 29.6 | 0.59 | 17.1 | 0.099 | <1 | 1.01 | 0.122 | 0.11 | 0.6 | 6.2 | 0.28 | 2.23 | 9 | 1.0 | 0.11 | 4.3 | 0.69 | <0.1 |
| 2570995 | Drill Core | 0.085 | 13.5 | 7.9 | 0.62 | 43.8 | 0.104 | 1 | 1.64 | 0.143 | 0.39 | 0.2 | 3.4 | 0.34 | 0.41 | 6 | <0.1 | 0.06 | 7.8 | 1.88 | <0.1 |
| 2570996 | Drill Core | 0.083 | 12.7 | 7.7 | 0.59 | 42.9 | 0.091 | 1 | 1.65 | 0.186 | 0.38 | 0.2 | 3.2 | 0.35 | 0.32 | <5 | <0.1 | 0.05 | 8.0 | 2.57 | <0.1 |
| 2570997 | Drill Core | 0.083 | 13.9 | 6.3 | 0.58 | 26.0 | 0.065 | 2 | 1.46 | 0.091 | 0.29 | 0.2 | 2.6 | 0.31 | 0.78 | 5 | 0.1 | 0.05 | 6.6 | 1.60 | <0.1 |
| 2570998 | Drill Core | 0.138 | 6.6 | 22.4 | 0.64 | 18.4 | 0.058 | 2 | 1.31 | 0.051 | 0.17 | 1.3 | 5.8 | 0.20 | 2.22 | 18 | 2.6 | 0.11 | 4.2 | 0.79 | <0.1 |
| 2570999 | Drill Core | 0.153 | 6.4 | 15.0 | 0.43 | 34.6 | 0.005 | 3 | 0.65 | 0.041 | 0.22 | 0.9 | 4.3 | 0.18 | 2.06 | 12 | 3.2 | 0.08 | 2.0 | 0.52 | <0.1 |
| 2571000 | Drill Core | 0.119 | 6.2 | 15.8 | 0.73 | 26.5 | 0.003 | 2 | 1.00 | 0.034 | 0.21 | 1.7 | 3.7 | 0.20 | 2.53 | 8 | 1.8 | 0.09 | 3.0 | 0.76 | <0.1 |
| 2571001 | Drill Core | 0.124 | 7.7 | 13.8 | 0.76 | 18.8 | 0.002 | 3 | 1.16 | 0.031 | 0.21 | 1.0 | 3.5 | 0.14 | 2.01 | 9 | 1.6 | 0.26 | 3.6 | 1.23 | <0.1 |
| 2571002 | Drill Core | 0.103 | 9.0 | 16.0 | 0.97 | 26.5 | 0.002 | 3 | 1.49 | 0.022 | 0.25 | 0.4 | 3.6 | 0.12 | 1.08 | 11 | 1.2 | 0.46 | 4.8 | 1.07 | <0.1 |
| 2571003 | Drill Core | 0.212 | 6.6 | 95.8 | 1.82 | 31.4 | 0.028 | 6 | 1.65 | 0.042 | 0.26 | 0.3 | 13.3 | 0.09 | 1.01 | 7 | 0.1 | 0.17 | 5.1 | 1.15 | <0.1 |
| 2571004 | Drill Core | 0.218 | 7.5 | 127.9 | 1.90 | 34.2 | 0.061 | 4 | 2.01 | 0.048 | 0.34 | 0.2 | 13.0 | 0.13 | 1.12 | 6 | 0.4 | 0.19 | 7.1 | 1.73 | <0.1 |
| 2571005 | Drill Core | 0.197 | 6.8 | 129.1 | 1.83 | 30.5 | 0.064 | 4 | 1.92 | 0.054 | 0.33 | 0.2 | 12.5 | 0.14 | 1.15 | <5 | 0.4 | 0.23 | 6.9 | 1.68 | <0.1 |
| 2571006 | Drill Core | 0.119 | 16.1 | 18.6 | 0.91 | 31.6 | 0.028 | 5 | 1.49 | 0.056 | 0.29 | 0.1 | 4.8 | 0.10 | 0.43 | 9 | 0.3 | 0.06 | 6.6 | 0.94 | <0.1 |
| 2571007 | Drill Core | 0.113 | 20.3 | 4.3 | 0.52 | 26.0 | 0.002 | 8 | 1.15 | 0.044 | 0.32 | <0.1 | 3.6 | 0.09 | 0.26 | <5 | 0.2 | 0.02 | 3.7 | 0.97 | <0.1 |
| 2571008 | Drill Core | 0.107 | 15.1 | 3.0 | 0.80 | 24.5 | 0.003 | 8 | 1.31 | 0.035 | 0.27 | <0.1 | 3.6 | 0.09 | 0.60 | 14 | 0.6 | <0.02 | 4.4 | 0.97 | <0.1 |
| 2571009 | Drill Core | 0.114 | 17.4 | 2.4 | 0.48 | 20.1 | 0.002 | 5 | 1.00 | 0.048 | 0.28 | <0.1 | 3.9 | 0.07 | 0.24 | 5 | 0.1 | 0.04 | 2.8 | 0.81 | <0.1 |
| 2571010 | Drill Core | 0.112 | 13.0 | 3.5 | 0.77 | 25.7 | 0.003 | 4 | 1.20 | 0.050 | 0.26 | <0.1 | 4.3 | 0.08 | 0.54 | <5 | 0.3 | 0.05 | 4.4 | 0.66 | <0.1 |
| 2571011 | Drill Core | 0.116 | 13.5 | 12.7 | 0.93 | 26.8 | 0.101 | 3 | 1.73 | 0.124 | 0.25 | 0.3 | 5.0 | 0.09 | 0.23 | <5 | <0.1 | 0.06 | 8.1 | 0.59 | 0.1 |
| 2571012 | Drill Core | 0.223 | 8.0 | 145.0 | 1.94 | 81.4 | 0.156 | 2 | 2.05 | 0.100 | 0.82 | 0.3 | 5.4 | 0.27 | 0.62 | <5 | 0.1 | 0.10 | 7.7 | 2.64 | 0.1 |
| 2571013 | Drill Core | 0.239 | 7.5 | 172.4 | 2.34 | 102.1 | 0.185 | 1 | 2.36 | 0.122 | 1.18 | 0.2 | 6.6 | 0.28 | 0.41 | <5 | <0.1 | 0.07 | 8.9 | 3.04 | 0.1 |
| 2571014 | Drill Core | 0.232 | 6.6 | 149.3 | 1.90 | 122.7 | 0.153 | <1 | 1.93 | 0.107 | 0.91 | 0.4 | 6.0 | 0.23 | 0.81 | <5 | <0.1 | 0.10 | 7.0 | 2.17 | 0.2 |
| 2571015 | Drill Core | 0.243 | 7.7 | 158.1 | 2.96 | 34.0 | 0.042 | 2 | 2.83 | 0.056 | 0.20 | 0.1 | 14.9 | 0.06 | 0.56 | 5 | 0.1 | 0.13 | 9.9 | 0.88 | 0.1 |
| 2571016 | Drill Core | 0.218 | 7.1 | 171.7 | 2.33 | 74.1 | 0.148 | 2 | 2.43 | 0.097 | 0.48 | 0.3 | 13.1 | 0.08 | 0.45 | <5 | <0.1 | 0.09 | 9.6 | 1.13 | <0.1 |
| 2571017 | Drill Core | 0.133 | 4.1 | 46.8 | 1.88 | 36.8 | 0.188 | 3 | 2.11 | 0.301 | 0.17 | 0.2 | 12.8 | 0.03 | 0.43 | <5 | <0.1 | 0.05 | 7.5 | 0.28 | 0.1 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2570988 | Drill Core | 0.12 | 0.18 | 20.0 | 0.5 | <0.05 | 2.5 | 8.51 | 11.2 | 0.04 | 6 | 0.3 | 22.3 | <10 | 2 |
| 2570989 | Drill Core | 0.12 | 0.19 | 16.0 | 0.5 | <0.05 | 2.7 | 8.60 | 12.1 | 0.05 | 5 | 0.5 | 23.1 | <10 | <2 |
| 2570990 | Rock Pulp | 0.16 | 0.10 | 5.3 | 1.5 | <0.05 | 4.6 | 6.38 | 7.8 | 0.03 | 110 | 0.2 | 12.1 | <10 | 6 |
| 2570991 | Drill Core | 0.12 | 0.18 | 20.0 | 0.4 | <0.05 | 2.3 | 8.00 | 11.6 | 0.04 | 3 | 0.3 | 24.6 | <10 | <2 |
| 2570992 | Drill Core | 0.10 | 0.20 | 13.7 | 0.5 | <0.05 | 2.9 | 8.56 | 12.6 | 0.04 | 5 | 0.3 | 19.3 | <10 | 2 |
| 2570993 | Drill Core | 0.13 | 0.24 | 5.7 | 0.4 | <0.05 | 3.4 | 9.10 | 12.5 | 0.03 | 7 | 0.2 | 10.9 | <10 | <2 |
| 2570994 | Drill Core | 0.14 | 0.19 | 8.4 | 0.4 | <0.05 | 4.2 | 9.01 | 12.5 | 0.02 | 9 | 0.4 | 15.7 | <10 | 2 |
| 2570995 | Drill Core | 0.22 | 0.84 | 31.1 | 0.9 | <0.05 | 5.5 | 4.90 | 25.7 | 0.03 | <1 | 0.5 | 20.7 | <10 | <2 |
| 2570996 | Drill Core | 0.19 | 0.60 | 29.5 | 0.8 | <0.05 | 5.2 | 4.59 | 24.4 | 0.03 | <1 | 0.6 | 19.7 | <10 | <2 |
| 2570997 | Drill Core | 0.24 | 0.64 | 21.5 | 0.6 | <0.05 | 6.5 | 5.02 | 26.2 | 0.03 | <1 | 0.5 | 17.0 | <10 | <2 |
| 2570998 | Drill Core | 0.15 | 0.11 | 9.8 | 0.4 | <0.05 | 4.9 | 9.37 | 11.9 | 0.03 | 20 | 0.8 | 16.5 | <10 | <2 |
| 2570999 | Drill Core | 0.13 | 0.03 | 9.8 | 0.1 | <0.05 | 5.3 | 10.31 | 10.6 | 0.04 | 21 | 0.4 | 6.0 | <10 | <2 |
| 2571000 | Drill Core | 0.11 | <0.02 | 9.9 | 0.1 | <0.05 | 4.5 | 10.38 | 10.3 | <0.02 | 25 | 0.4 | 13.2 | <10 | <2 |
| 2571001 | Drill Core | 0.08 | <0.02 | 9.8 | 0.3 | <0.05 | 3.3 | 10.72 | 13.8 | 0.02 | 13 | 0.5 | 17.2 | <10 | <2 |
| 2571002 | Drill Core | 0.09 | 0.02 | 11.6 | 0.3 | <0.05 | 3.8 | 10.89 | 16.8 | 0.02 | 6 | 0.5 | 19.0 | <10 | <2 |
| 2571003 | Drill Core | 0.10 | 0.02 | 10.3 | 0.2 | <0.05 | 2.9 | 7.86 | 13.3 | 0.03 | 2 | 1.1 | 17.5 | <10 | 5 |
| 2571004 | Drill Core | 0.09 | 0.04 | 15.6 | 0.3 | <0.05 | 3.2 | 7.66 | 14.7 | 0.03 | 4 | 0.6 | 21.6 | <10 | 5 |
| 2571005 | Drill Core | 0.12 | 0.03 | 15.9 | 0.3 | <0.05 | 2.9 | 6.82 | 13.5 | 0.02 | 3 | 0.8 | 20.6 | <10 | 6 |
| 2571006 | Drill Core | 0.10 | 0.05 | 14.7 | 2.4 | <0.05 | 2.7 | 8.12 | 32.4 | 0.04 | <1 | 0.5 | 15.2 | <10 | <2 |
| 2571007 | Drill Core | 0.07 | <0.02 | 15.4 | 3.5 | <0.05 | 1.8 | 8.60 | 40.7 | 0.02 | <1 | 0.7 | 7.7 | <10 | <2 |
| 2571008 | Drill Core | 0.09 | <0.02 | 14.1 | 0.4 | <0.05 | 2.7 | 8.66 | 30.4 | 0.04 | <1 | 0.8 | 12.7 | <10 | <2 |
| 2571009 | Drill Core | 0.08 | <0.02 | 14.0 | 0.2 | <0.05 | 2.9 | 8.74 | 35.1 | 0.03 | <1 | 0.5 | 5.7 | <10 | <2 |
| 2571010 | Drill Core | 0.12 | <0.02 | 12.8 | 0.2 | <0.05 | 3.8 | 7.55 | 26.0 | 0.04 | 7 | 0.5 | 11.7 | <10 | <2 |
| 2571011 | Drill Core | 0.16 | 0.22 | 14.8 | 0.6 | <0.05 | 4.0 | 7.71 | 27.4 | 0.03 | 15 | 0.5 | 16.9 | <10 | <2 |
| 2571012 | Drill Core | 0.10 | 0.09 | 34.4 | 0.3 | <0.05 | 4.4 | 5.98 | 15.3 | <0.02 | 4 | 0.4 | 19.6 | <10 | 5 |
| 2571013 | Drill Core | 0.12 | 0.08 | 42.6 | 0.3 | <0.05 | 3.4 | 6.53 | 14.7 | <0.02 | <1 | 0.4 | 29.9 | <10 | 7 |
| 2571014 | Drill Core | 0.11 | 0.10 | 32.4 | 0.3 | <0.05 | 3.0 | 6.61 | 12.4 | <0.02 | <1 | 0.4 | 19.9 | <10 | 5 |
| 2571015 | Drill Core | 0.09 | 0.04 | 7.2 | 0.4 | <0.05 | 2.5 | 7.97 | 15.1 | 0.03 | 2 | 0.8 | 43.5 | <10 | 4 |
| 2571016 | Drill Core | 0.16 | 0.08 | 12.8 | 0.4 | <0.05 | 5.0 | 7.52 | 14.5 | 0.03 | <1 | 0.7 | 47.0 | <10 | 5 |
| 2571017 | Drill Core | 0.31 | 0.08 | 3.5 | 0.4 | <0.05 | 7.8 | 7.48 | 8.8 | 0.03 | <1 | 0.3 | 23.2 | <10 | 10 |

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571018 | Drill Core | 1.29 | 4.30 | 125.94 | 5.12 | 30.8 | 105 | 27.5 | 18.3 | 855 | 2.76 | 6.1 | 0.1 | 1.1 | 0.4 | 271.7 | 0.11 | 0.81 | 0.05 | 123 | 15.72 |
| 2571019 | Drill Core | 4.64 | 1.26 | 182.65 | 4.67 | 45.4 | 138 | 58.0 | 30.0 | 632 | 3.45 | 9.7 | 0.5 | 1.3 | 1.4 | 133.9 | 0.10 | 0.55 | 0.05 | 131 | 4.24 |
| 2571020 | Rock | 1.07 | 0.05 | 0.69 | 0.13 | 0.4 | <2 | 0.2 | 0.1 | 10 | 0.02 | <0.1 | 1.5 | 0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.08 |
| 2571021 | Drill Core | 2.90 | 0.56 | 160.71 | 4.29 | 48.9 | 102 | 60.3 | 23.2 | 651 | 3.61 | 1.0 | 0.6 | <0.2 | 1.9 | 155.7 | 0.06 | 0.14 | 0.04 | 131 | 4.41 |
| 2571022 | Drill Core | 1.18 | 0.43 | 163.78 | 3.93 | 50.9 | 114 | 59.5 | 22.8 | 533 | 3.75 | 1.3 | 0.6 | <0.2 | 2.0 | 112.6 | 0.04 | 0.13 | <0.02 | 133 | 2.53 |
| 2571023 | Drill Core | 2.45 | 4.41 | 178.24 | 6.56 | 53.7 | 137 | 64.9 | 25.3 | 512 | 3.80 | 1.9 | 0.5 | 2.2 | 1.7 | 122.2 | 0.09 | 0.59 | 0.09 | 118 | 3.24 |
| 2571024 | Drill Core | 4.83 | 3.99 | 233.25 | 6.92 | 58.6 | 254 | 85.8 | 30.0 | 582 | 4.24 | 2.1 | 0.8 | <0.2 | 1.9 | 129.3 | 0.14 | 0.59 | 0.14 | 130 | 4.30 |
| 2571025 | Core DUP | | 3.99 | 229.25 | 7.01 | 57.6 | 248 | 86.4 | 29.9 | 585 | 4.20 | 1.7 | 0.8 | <0.2 | 1.9 | 130.7 | 0.14 | 0.64 | 0.14 | 131 | 4.27 |
| 2571026 | Drill Core | 4.30 | 0.39 | 174.41 | 5.33 | 59.7 | 176 | 66.8 | 26.0 | 510 | 3.93 | 0.9 | 0.7 | <0.2 | 1.9 | 116.3 | 0.07 | 0.14 | 0.07 | 122 | 3.60 |
| 2571027 | Drill Core | 4.55 | 2.40 | 126.60 | 6.03 | 57.0 | 96 | 63.6 | 24.2 | 654 | 3.85 | 1.2 | 0.9 | <0.2 | 2.0 | 165.8 | 0.10 | 0.32 | 0.03 | 154 | 5.08 |
| 2571028 | Drill Core | 4.72 | 4.94 | 187.36 | 5.57 | 57.3 | 183 | 71.8 | 27.2 | 683 | 3.90 | 1.2 | 1.1 | 0.6 | 2.0 | 192.5 | 0.13 | 0.12 | 0.07 | 143 | 6.40 |
| 2571029 | Drill Core | 3.53 | 1.17 | 167.13 | 5.07 | 60.1 | 159 | 78.2 | 32.6 | 570 | 3.50 | 4.0 | 1.0 | <0.2 | 1.9 | 138.6 | 0.11 | 0.16 | 0.07 | 134 | 4.54 |
| 2571030 | Rock Pulp | 0.11 | 230.90 | 2586.16 | 47.55 | 304.4 | 3377 | 9.7 | 18.8 | 221 | 3.33 | 26.8 | 5.9 | 337.3 | 11.9 | 54.1 | 2.76 | 6.90 | 4.47 | 43 | 0.92 |
| 2571031 | Drill Core | 2.29 | 1.27 | 145.65 | 4.47 | 54.3 | 96 | 70.1 | 26.5 | 631 | 3.88 | 1.5 | 0.9 | <0.2 | 2.0 | 180.3 | 0.09 | 0.18 | 0.03 | 157 | 4.77 |
| 2571032 | Drill Core | 1.73 | 2.06 | 173.08 | 4.90 | 54.2 | 112 | 75.2 | 27.6 | 660 | 3.66 | 4.5 | 1.3 | <0.2 | 2.1 | 137.7 | 0.16 | 0.19 | 0.03 | 150 | 5.69 |
| 2571033 | Drill Core | 4.70 | 6.34 | 170.27 | 5.36 | 48.1 | 105 | 95.2 | 31.7 | 562 | 3.39 | 5.3 | 1.1 | 0.9 | 2.0 | 107.5 | 0.16 | 0.10 | 0.03 | 132 | 4.37 |
| 2571034 | Drill Core | 3.89 | 0.21 | 134.34 | 4.51 | 49.0 | 69 | 52.9 | 20.5 | 816 | 3.50 | 3.4 | 0.9 | 0.7 | 2.0 | 238.6 | 0.06 | 0.35 | <0.02 | 137 | 7.01 |
| 2571035 | Drill Core | 2.53 | 1.21 | 149.78 | 3.76 | 45.6 | 70 | 66.0 | 25.7 | 603 | 3.24 | 2.5 | 0.7 | 0.6 | 2.1 | 160.0 | 0.08 | 0.25 | <0.02 | 128 | 4.40 |
| 2571036 | Drill Core | 5.01 | 1.64 | 180.91 | 5.40 | 54.8 | 122 | 74.4 | 30.4 | 682 | 3.83 | 22.8 | 0.6 | 0.5 | 1.9 | 215.8 | 0.09 | 3.98 | <0.02 | 154 | 4.41 |
| 2571037 | Drill Core | 4.13 | 2.05 | 263.92 | 7.19 | 60.0 | 155 | 62.4 | 25.6 | 678 | 3.81 | 7.6 | 0.7 | 2.0 | 1.9 | 189.6 | 0.17 | 2.42 | 0.04 | 151 | 5.18 |
| 2571038 | Drill Core | 4.90 | 0.52 | 184.37 | 6.54 | 49.2 | 112 | 61.4 | 24.1 | 531 | 3.60 | 1.0 | 0.6 | 0.8 | 1.9 | 122.2 | 0.06 | 0.23 | 0.03 | 127 | 2.55 |
| 2571039 | Drill Core | 2.78 | 0.75 | 149.09 | 5.76 | 53.5 | 89 | 59.9 | 23.5 | 684 | 3.68 | 1.7 | 0.8 | 1.6 | 1.9 | 163.9 | 0.09 | 0.17 | 0.02 | 146 | 4.89 |
| 2571040 | Drill Core | 1.82 | 1.32 | 159.97 | 6.09 | 46.4 | 94 | 59.6 | 23.6 | 514 | 3.23 | 1.9 | 0.7 | 1.3 | 1.9 | 104.6 | 0.10 | 0.27 | 0.03 | 124 | 5.38 |
| 2571041 | Drill Core | 2.69 | 0.91 | 110.01 | 5.76 | 51.6 | 80 | 61.3 | 23.2 | 599 | 3.73 | 1.6 | 0.7 | 1.9 | 1.9 | 120.5 | 0.06 | 0.14 | 0.03 | 151 | 5.12 |
| 2571042 | Drill Core | 3.49 | 0.99 | 244.04 | 5.79 | 56.9 | 178 | 72.7 | 28.9 | 614 | 3.88 | 5.4 | 0.7 | 2.4 | 2.1 | 141.0 | 0.14 | 0.42 | 0.04 | 150 | 4.66 |
| 2571043 | Drill Core | 2.69 | 3.83 | 122.36 | 9.25 | 43.3 | 81 | 65.2 | 25.2 | 551 | 2.98 | 4.2 | 1.2 | 1.6 | 1.5 | 128.4 | 0.08 | 0.19 | 0.04 | 123 | 6.69 |
| 2571044 | Drill Core | 1.14 | 0.48 | 194.48 | 4.02 | 52.2 | 126 | 54.4 | 22.1 | 502 | 3.52 | 1.6 | 0.6 | 1.8 | 2.1 | 81.8 | 0.08 | 0.06 | <0.02 | 137 | 1.99 |
| 2571045 | Drill Core | 1.15 | 0.43 | 189.20 | 4.23 | 50.1 | 123 | 53.5 | 21.5 | 521 | 3.51 | 1.6 | 0.7 | 0.9 | 2.2 | 82.8 | 0.07 | 0.06 | <0.02 | 135 | 2.29 |
| 2571046 | Drill Core | 3.44 | 0.67 | 171.95 | 4.32 | 51.6 | 104 | 61.0 | 23.8 | 480 | 3.61 | 1.2 | 0.6 | 1.1 | 2.1 | 89.2 | 0.07 | 0.14 | 0.02 | 130 | 1.87 |
| 2571047 | Drill Core | 2.78 | 1.75 | 166.30 | 5.23 | 55.6 | 111 | 66.5 | 25.8 | 599 | 3.91 | 1.5 | 0.7 | 0.8 | 2.0 | 150.7 | 0.08 | 0.23 | 0.02 | 156 | 3.20 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571018 | Drill Core | 0.092 | 4.2 | 50.0 | 1.19 | 22.9 | 0.121 | 2 | 1.42 | 0.146 | 0.10 | 0.2 | 10.6 | 0.02 | 0.39 | <5 | 0.1 | 0.05 | 5.2 | 0.21 | 0.1 |
| 2571019 | Drill Core | 0.178 | 5.4 | 99.4 | 1.64 | 227.4 | 0.169 | 2 | 2.03 | 0.250 | 0.49 | 0.2 | 8.3 | 0.07 | 0.39 | <5 | <0.1 | 0.04 | 7.6 | 0.56 | 0.2 |
| 2571020 | Rock | 0.003 | <0.5 | <0.5 | 1.35 | 7.5 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.09 | <5 | <0.1 | 0.26 | <0.1 | <0.02 | <0.1 |
| 2571021 | Drill Core | 0.227 | 7.2 | 163.9 | 1.57 | 357.6 | 0.179 | 2 | 1.98 | 0.139 | 1.01 | 0.3 | 4.5 | 0.10 | 0.39 | <5 | <0.1 | 0.04 | 7.1 | 1.04 | <0.1 |
| 2571022 | Drill Core | 0.226 | 7.1 | 167.5 | 1.62 | 195.0 | 0.201 | <1 | 2.09 | 0.096 | 1.36 | 0.2 | 3.3 | 0.16 | 0.23 | <5 | <0.1 | 0.04 | 7.7 | 1.40 | 0.1 |
| 2571023 | Drill Core | 0.224 | 5.9 | 148.5 | 1.69 | 99.5 | 0.157 | 3 | 2.03 | 0.080 | 0.64 | 0.3 | 3.5 | 0.16 | 0.65 | <5 | <0.1 | 0.11 | 7.7 | 0.90 | <0.1 |
| 2571024 | Drill Core | 0.231 | 6.2 | 141.4 | 1.56 | 101.7 | 0.174 | 2 | 1.99 | 0.083 | 0.76 | 0.4 | 4.3 | 0.15 | 1.09 | <5 | 0.4 | 0.11 | 7.2 | 1.24 | <0.1 |
| 2571025 | Core DUP | 0.228 | 6.3 | 139.4 | 1.56 | 105.0 | 0.170 | 3 | 2.02 | 0.092 | 0.76 | 0.4 | 4.3 | 0.15 | 1.10 | <5 | 0.3 | 0.15 | 7.5 | 1.27 | 0.1 |
| 2571026 | Drill Core | 0.229 | 6.4 | 145.2 | 1.71 | 163.9 | 0.182 | 2 | 2.13 | 0.081 | 1.23 | 0.3 | 3.1 | 0.26 | 0.70 | <5 | 0.1 | 0.10 | 7.5 | 2.63 | <0.1 |
| 2571027 | Drill Core | 0.234 | 7.4 | 159.9 | 1.91 | 133.5 | 0.182 | 1 | 2.26 | 0.084 | 1.18 | 0.3 | 4.3 | 0.21 | 0.27 | <5 | <0.1 | 0.04 | 8.3 | 2.82 | <0.1 |
| 2571028 | Drill Core | 0.245 | 7.0 | 144.1 | 1.56 | 191.5 | 0.181 | <1 | 2.11 | 0.111 | 1.27 | 0.5 | 4.7 | 0.24 | 0.62 | <5 | <0.1 | 0.11 | 7.7 | 2.76 | 0.2 |
| 2571029 | Drill Core | 0.201 | 6.4 | 129.7 | 1.58 | 155.3 | 0.168 | 2 | 1.99 | 0.112 | 1.17 | 0.5 | 3.9 | 0.23 | 0.48 | <5 | <0.1 | 0.10 | 7.2 | 2.63 | 0.1 |
| 2571030 | Rock Pulp | 0.057 | 23.9 | 68.9 | 0.66 | 55.8 | 0.042 | 2 | 1.38 | 0.034 | 0.58 | 3.5 | 6.0 | 0.43 | 2.04 | 60 | 3.0 | 0.37 | 4.1 | 2.38 | <0.1 |
| 2571031 | Drill Core | 0.231 | 6.9 | 163.4 | 1.68 | 216.5 | 0.192 | <1 | 2.24 | 0.118 | 1.59 | 0.3 | 4.9 | 0.28 | 0.27 | <5 | <0.1 | 0.04 | 7.7 | 4.45 | 0.1 |
| 2571032 | Drill Core | 0.238 | 7.4 | 161.7 | 1.31 | 117.6 | 0.180 | 1 | 1.91 | 0.093 | 1.22 | 0.3 | 3.8 | 0.14 | 0.38 | <5 | 0.1 | 0.05 | 7.2 | 1.31 | 0.1 |
| 2571033 | Drill Core | 0.236 | 7.2 | 152.7 | 1.17 | 145.7 | 0.172 | 2 | 1.80 | 0.106 | 1.22 | 0.3 | 3.2 | 0.11 | 0.30 | <5 | 0.1 | 0.04 | 6.3 | 0.80 | 0.2 |
| 2571034 | Drill Core | 0.216 | 7.4 | 157.9 | 1.47 | 102.9 | 0.175 | 1 | 1.97 | 0.099 | 1.32 | 0.3 | 5.9 | 0.12 | 0.12 | <5 | <0.1 | <0.02 | 7.0 | 1.15 | 0.2 |
| 2571035 | Drill Core | 0.224 | 8.1 | 158.8 | 1.18 | 88.6 | 0.172 | <1 | 1.69 | 0.104 | 1.20 | 0.2 | 4.6 | 0.11 | 0.16 | <5 | <0.1 | <0.02 | 6.6 | 1.14 | 0.1 |
| 2571036 | Drill Core | 0.217 | 7.5 | 144.7 | 1.56 | 119.0 | 0.168 | 1 | 2.08 | 0.136 | 1.04 | 0.2 | 8.4 | 0.12 | 0.14 | <5 | <0.1 | <0.02 | 7.3 | 1.72 | 0.2 |
| 2571037 | Drill Core | 0.232 | 6.6 | 163.3 | 1.70 | 69.5 | 0.164 | 2 | 1.97 | 0.073 | 0.97 | 0.3 | 6.0 | 0.11 | 0.27 | <5 | 0.1 | 0.04 | 7.2 | 1.68 | 0.1 |
| 2571038 | Drill Core | 0.233 | 7.9 | 164.8 | 1.94 | 115.7 | 0.191 | 2 | 2.31 | 0.088 | 1.41 | 0.2 | 3.8 | 0.16 | 0.19 | <5 | <0.1 | 0.04 | 7.2 | 2.46 | 0.1 |
| 2571039 | Drill Core | 0.213 | 6.7 | 163.7 | 1.58 | 137.0 | 0.189 | 2 | 2.15 | 0.102 | 1.35 | 0.2 | 4.9 | 0.11 | 0.07 | <5 | <0.1 | 0.03 | 7.1 | 2.64 | 0.1 |
| 2571040 | Drill Core | 0.241 | 6.5 | 139.6 | 1.15 | 87.9 | 0.148 | 2 | 1.58 | 0.111 | 0.74 | 0.3 | 3.7 | 0.05 | 0.38 | <5 | 0.5 | <0.02 | 6.5 | 0.66 | 0.2 |
| 2571041 | Drill Core | 0.221 | 6.0 | 162.7 | 1.55 | 139.7 | 0.182 | 1 | 2.09 | 0.096 | 1.22 | 0.3 | 4.6 | 0.09 | 0.18 | <5 | 0.1 | 0.03 | 7.9 | 1.19 | 0.2 |
| 2571042 | Drill Core | 0.241 | 6.6 | 167.3 | 1.60 | 115.4 | 0.182 | 2 | 2.05 | 0.102 | 1.13 | 0.3 | 5.6 | 0.13 | 0.32 | <5 | 0.4 | 0.04 | 7.6 | 1.41 | 0.1 |
| 2571043 | Drill Core | 0.173 | 5.1 | 113.4 | 1.08 | 86.1 | 0.151 | 4 | 1.88 | 0.068 | 0.92 | 0.4 | 2.7 | 0.08 | 0.22 | <5 | 0.2 | 0.02 | 6.1 | 0.80 | 0.1 |
| 2571044 | Drill Core | 0.232 | 7.1 | 170.0 | 1.58 | 151.8 | 0.198 | 2 | 2.20 | 0.097 | 1.64 | 0.2 | 3.1 | 0.12 | 0.05 | <5 | <0.1 | <0.02 | 7.1 | 1.70 | 0.1 |
| 2571045 | Drill Core | 0.225 | 7.2 | 162.2 | 1.56 | 146.3 | 0.205 | 1 | 2.19 | 0.100 | 1.62 | 0.3 | 2.8 | 0.11 | 0.06 | <5 | <0.1 | <0.02 | 7.2 | 1.77 | 0.1 |
| 2571046 | Drill Core | 0.236 | 8.0 | 160.2 | 1.76 | 153.8 | 0.186 | 2 | 2.27 | 0.091 | 1.57 | 0.1 | 3.2 | 0.13 | 0.11 | <5 | <0.1 | 0.03 | 7.4 | 1.87 | 0.1 |
| 2571047 | Drill Core | 0.227 | 7.1 | 166.0 | 1.75 | 174.3 | 0.204 | 1 | 2.26 | 0.107 | 1.53 | 0.3 | 5.3 | 0.15 | 0.17 | <5 | <0.1 | 0.03 | 8.2 | 3.16 | 0.1 |

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Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571018 | Drill Core | 0.19 | 0.05 | 2.1 | 0.3 | <0.05 | 4.6 | 6.48 | 7.7 | <0.02 | <1 | 0.3 | 18.7 | <10 | 7 |
| 2571019 | Drill Core | 0.24 | 0.08 | 9.5 | 0.3 | <0.05 | 5.8 | 6.30 | 10.7 | 0.02 | <1 | 0.3 | 22.9 | <10 | 5 |
| 2571020 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.19 | 0.2 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |
| 2571021 | Drill Core | 0.13 | 0.11 | 21.5 | 0.3 | <0.05 | 3.8 | 6.00 | 13.4 | <0.02 | <1 | 0.4 | 26.0 | <10 | 5 |
| 2571022 | Drill Core | 0.08 | 0.10 | 33.6 | 0.3 | <0.05 | 2.4 | 5.81 | 13.5 | <0.02 | <1 | 0.2 | 29.9 | <10 | 5 |
| 2571023 | Drill Core | 0.11 | 0.10 | 17.5 | 0.3 | <0.05 | 3.1 | 5.47 | 11.8 | <0.02 | <1 | 0.4 | 32.8 | <10 | 4 |
| 2571024 | Drill Core | 0.16 | 0.10 | 22.4 | 0.3 | <0.05 | 3.5 | 6.72 | 12.5 | <0.02 | 2 | 0.3 | 28.8 | <10 | 3 |
| 2571025 | Core DUP | 0.11 | 0.11 | 22.5 | 0.3 | <0.05 | 3.6 | 6.75 | 12.6 | <0.02 | 2 | 0.4 | 28.2 | <10 | 4 |
| 2571026 | Drill Core | 0.10 | 0.11 | 42.5 | 0.2 | <0.05 | 2.7 | 6.43 | 12.7 | <0.02 | 1 | 0.3 | 30.7 | <10 | 4 |
| 2571027 | Drill Core | 0.08 | 0.10 | 35.4 | 0.3 | <0.05 | 2.5 | 6.82 | 14.1 | <0.02 | <1 | 0.3 | 28.0 | <10 | 5 |
| 2571028 | Drill Core | 0.13 | 0.11 | 40.9 | 0.3 | <0.05 | 3.8 | 7.00 | 13.4 | <0.02 | 1 | 0.2 | 32.2 | <10 | 4 |
| 2571029 | Drill Core | 0.11 | 0.09 | 37.4 | 0.3 | <0.05 | 3.1 | 6.15 | 12.5 | <0.02 | 3 | 0.3 | 29.8 | <10 | 4 |
| 2571030 | Rock Pulp | 0.13 | 0.08 | 39.9 | 1.3 | <0.05 | 3.9 | 9.98 | 42.8 | 0.08 | 43 | 0.5 | 6.5 | <10 | <2 |
| 2571031 | Drill Core | 0.08 | 0.10 | 56.1 | 0.4 | <0.05 | 2.6 | 6.71 | 13.0 | <0.02 | <1 | 0.2 | 29.0 | <10 | 3 |
| 2571032 | Drill Core | 0.09 | 0.09 | 33.1 | 0.3 | <0.05 | 3.1 | 6.25 | 13.9 | <0.02 | <1 | 0.3 | 26.5 | <10 | 5 |
| 2571033 | Drill Core | 0.08 | 0.09 | 30.6 | 0.2 | <0.05 | 2.6 | 5.94 | 13.7 | <0.02 | 1 | 0.2 | 23.4 | <10 | 5 |
| 2571034 | Drill Core | 0.11 | 0.11 | 36.5 | 0.3 | <0.05 | 2.4 | 6.03 | 14.1 | <0.02 | <1 | 0.4 | 24.1 | 15 | 6 |
| 2571035 | Drill Core | 0.08 | 0.08 | 37.5 | 0.3 | <0.05 | 2.4 | 5.70 | 15.1 | <0.02 | <1 | 0.3 | 18.6 | <10 | 4 |
| 2571036 | Drill Core | 0.16 | 0.11 | 30.8 | 0.3 | <0.05 | 3.3 | 6.89 | 13.8 | <0.02 | <1 | 0.3 | 23.1 | 15 | 3 |
| 2571037 | Drill Core | 0.10 | 0.07 | 29.9 | 1.8 | <0.05 | 2.4 | 5.88 | 11.5 | 0.03 | <1 | 0.3 | 19.9 | <10 | 5 |
| 2571038 | Drill Core | 0.08 | 0.10 | 43.3 | 3.2 | <0.05 | 2.0 | 5.97 | 14.3 | <0.02 | <1 | 0.1 | 31.6 | 16 | 5 |
| 2571039 | Drill Core | 0.09 | 0.11 | 34.0 | 0.2 | <0.05 | 2.4 | 5.21 | 11.8 | <0.02 | <1 | 0.2 | 27.8 | <10 | 5 |
| 2571040 | Drill Core | 0.10 | 0.08 | 14.2 | 0.2 | <0.05 | 3.2 | 5.34 | 11.6 | <0.02 | <1 | 0.2 | 19.0 | <10 | 5 |
| 2571041 | Drill Core | 0.06 | 0.12 | 22.8 | 0.2 | <0.05 | 2.6 | 5.68 | 11.1 | <0.02 | <1 | 0.2 | 25.3 | <10 | 5 |
| 2571042 | Drill Core | 0.09 | 0.12 | 25.7 | 0.2 | <0.05 | 2.4 | 5.80 | 12.0 | <0.02 | 1 | 0.3 | 25.2 | <10 | 4 |
| 2571043 | Drill Core | 0.06 | 0.07 | 20.7 | 0.2 | <0.05 | 2.3 | 4.76 | 9.2 | <0.02 | 2 | 0.5 | 20.2 | <10 | 2 |
| 2571044 | Drill Core | 0.05 | 0.09 | 41.9 | 0.2 | <0.05 | 1.4 | 5.43 | 12.7 | <0.02 | <1 | 0.2 | 24.4 | <10 | 6 |
| 2571045 | Drill Core | 0.05 | 0.09 | 39.3 | 0.2 | <0.05 | 1.6 | 5.24 | 12.6 | <0.02 | <1 | 0.2 | 24.6 | 14 | 5 |
| 2571046 | Drill Core | 0.06 | 0.09 | 37.2 | 0.2 | <0.05 | 1.6 | 5.31 | 14.0 | <0.02 | 1 | 0.2 | 26.9 | 10 | 3 |
| 2571047 | Drill Core | 0.09 | 0.14 | 41.2 | 0.5 | <0.05 | 2.4 | 5.76 | 12.3 | <0.02 | 1 | 0.3 | 28.1 | <10 | 4 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571048 | Drill Core | 2.36 | 0.75 | 120.33 | 5.72 | 53.7 | 97 | 54.0 | 22.1 | 710 | 4.00 | 1.2 | 0.6 | 1.0 | 1.8 | 218.1 | 0.08 | 0.14 | <0.02 | 178 | 4.80 |
| 2571049 | Drill Core | 2.29 | 0.37 | 139.50 | 5.15 | 50.7 | 111 | 58.4 | 23.1 | 678 | 3.47 | 2.0 | 0.8 | 1.1 | 1.8 | 225.7 | 0.13 | 0.09 | 0.03 | 140 | 6.39 |
| 2571050 | Drill Core | 2.16 | 10.86 | 221.25 | 5.84 | 52.3 | 181 | 70.5 | 29.5 | 522 | 3.34 | 35.9 | 0.7 | 2.2 | 1.6 | 141.8 | 0.21 | 0.51 | 0.06 | 119 | 5.12 |
| 2571051 | Drill Core | 3.48 | 0.84 | 164.12 | 5.05 | 57.9 | 131 | 63.1 | 25.4 | 518 | 3.91 | 1.2 | 0.6 | 1.0 | 1.8 | 71.5 | 0.09 | 0.05 | 0.03 | 148 | 1.44 |
| 2571052 | Drill Core | 2.35 | 2.89 | 187.96 | 6.20 | 69.4 | 123 | 76.4 | 29.0 | 532 | 4.07 | 4.3 | 0.6 | 1.6 | 1.9 | 137.9 | 0.10 | 0.45 | 0.04 | 144 | 3.42 |
| 2571053 | Drill Core | 3.44 | 0.41 | 176.82 | 5.20 | 45.6 | 92 | 54.6 | 21.6 | 498 | 3.29 | 1.5 | 0.6 | 0.7 | 1.9 | 103.5 | 0.07 | 0.12 | <0.02 | 120 | 2.78 |
| 2571054 | Drill Core | 2.67 | 0.72 | 253.22 | 6.90 | 52.9 | 160 | 67.4 | 29.0 | 599 | 3.74 | 92.8 | 0.6 | <0.2 | 1.8 | 160.8 | 0.16 | 1.21 | <0.02 | 141 | 4.11 |
| 2571055 | Drill Core | 3.29 | 0.57 | 204.53 | 6.25 | 59.8 | 123 | 70.1 | 30.3 | 757 | 4.56 | 12.8 | 0.8 | 1.8 | 2.1 | 202.3 | 0.15 | 0.54 | <0.02 | 175 | 5.55 |
| 2571056 | Drill Core | 4.09 | 0.58 | 141.46 | 5.79 | 51.2 | 96 | 58.8 | 24.6 | 700 | 3.87 | 6.9 | 0.8 | 0.8 | 1.9 | 211.8 | 0.10 | 0.38 | <0.02 | 146 | 5.13 |
| 2571057 | Drill Core | 2.35 | 0.26 | 122.50 | 4.77 | 52.7 | 138 | 70.9 | 26.7 | 576 | 3.78 | 0.9 | 0.6 | 0.8 | 1.8 | 188.6 | 0.11 | 0.17 | 0.03 | 135 | 6.00 |
| 2571058 | Drill Core | 2.39 | 1.32 | 227.79 | 5.53 | 68.0 | 146 | 66.4 | 27.7 | 493 | 3.90 | 1.4 | 0.5 | 0.8 | 1.7 | 135.1 | 0.08 | 0.26 | 0.06 | 129 | 2.61 |
| 2571059 | Drill Core | 3.41 | 1.65 | 217.06 | 4.17 | 64.1 | 113 | 69.3 | 27.4 | 529 | 3.93 | 1.4 | 0.6 | 0.5 | 1.6 | 130.2 | 0.06 | 0.14 | 0.04 | 135 | 2.13 |
| 2571060 | Rock | 1.12 | 0.08 | 1.18 | 0.18 | 0.9 | <2 | 0.5 | 0.1 | 21 | 0.03 | 0.3 | 1.4 | 0.6 | <0.1 | >2000 | 0.01 | <0.02 | <0.02 | <2 | 35.61 |

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# CERTIFICATE OF ANALYSIS VAN16001701.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571048 | Drill Core | 0.221 | 6.5 | 168.1 | 1.91 | 186.2 | 0.210 | 1 | 2.51 | 0.123 | 1.73 | 0.2 | 7.1 | 0.16 | 0.05 | <5 | <0.1 | <0.02 | 8.5 | 3.54 | 0.2 |
| 2571049 | Drill Core | 0.237 | 6.3 | 153.5 | 1.49 | 165.6 | 0.172 | 1 | 1.87 | 0.095 | 1.19 | 0.2 | 5.8 | 0.17 | 0.22 | <5 | 0.1 | 0.04 | 6.3 | 2.48 | 0.1 |
| 2571050 | Drill Core | 0.170 | 5.3 | 118.5 | 1.32 | 94.8 | 0.125 | <1 | 1.58 | 0.120 | 0.53 | 0.4 | 4.5 | 0.09 | 0.65 | <5 | 0.4 | 0.08 | 5.8 | 1.04 | <0.1 |
| 2571051 | Drill Core | 0.229 | 6.1 | 172.5 | 2.10 | 233.0 | 0.213 | <1 | 2.50 | 0.082 | 1.98 | 0.1 | 3.4 | 0.28 | 0.15 | <5 | <0.1 | 0.03 | 8.3 | 3.19 | 0.2 |
| 2571052 | Drill Core | 0.216 | 6.5 | 159.3 | 1.96 | 201.2 | 0.218 | 2 | 2.32 | 0.104 | 1.37 | 0.3 | 4.4 | 0.24 | 0.40 | 7 | 0.2 | 0.06 | 8.2 | 2.86 | 0.2 |
| 2571053 | Drill Core | 0.220 | 6.6 | 151.3 | 1.68 | 225.3 | 0.176 | 2 | 1.98 | 0.108 | 1.29 | 0.2 | 3.8 | 0.08 | 0.09 | <5 | <0.1 | <0.02 | 6.5 | 1.29 | 0.1 |
| 2571054 | Drill Core | 0.233 | 6.9 | 165.4 | 1.90 | 143.4 | 0.159 | 5 | 2.10 | 0.113 | 1.10 | 0.2 | 6.7 | 0.08 | 0.21 | <5 | 0.2 | <0.02 | 7.3 | 1.53 | 0.1 |
| 2571055 | Drill Core | 0.242 | 8.3 | 191.2 | 2.22 | 218.0 | 0.172 | 1 | 2.50 | 0.108 | 0.93 | 0.3 | 9.6 | 0.09 | 0.18 | <5 | 0.2 | 0.02 | 9.2 | 1.37 | 0.2 |
| 2571056 | Drill Core | 0.233 | 6.9 | 163.4 | 1.82 | 177.6 | 0.175 | 2 | 2.15 | 0.106 | 1.05 | 0.3 | 6.1 | 0.09 | 0.13 | <5 | 0.2 | 0.03 | 7.2 | 2.10 | 0.1 |
| 2571057 | Drill Core | 0.229 | 6.6 | 145.8 | 1.55 | 266.4 | 0.194 | 1 | 2.10 | 0.105 | 1.37 | 0.3 | 4.9 | 0.19 | 0.27 | <5 | <0.1 | 0.06 | 7.1 | 2.79 | 0.2 |
| 2571058 | Drill Core | 0.240 | 7.7 | 151.2 | 2.27 | 91.9 | 0.182 | 2 | 2.44 | 0.083 | 1.26 | 0.2 | 5.3 | 0.25 | 0.50 | <5 | 0.4 | 0.08 | 7.5 | 2.73 | 0.2 |
| 2571059 | Drill Core | 0.233 | 7.1 | 165.9 | 2.45 | 76.4 | 0.199 | <1 | 2.52 | 0.076 | 1.59 | 0.2 | 4.5 | 0.31 | 0.37 | <5 | 0.2 | 0.05 | 7.9 | 3.13 | 0.2 |
| 2571060 | Rock | 0.003 | <0.5 | 0.6 | 1.12 | 4.3 | 0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.3 | <0.02 | 0.16 | <5 | <0.1 | 0.31 | <0.1 | <0.02 | <0.1 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571048 | Drill Core | 0.08 | 0.16 | 44.9 | 0.3 | <0.05 | 2.3 | 5.84 | 11.5 | 0.02 | <1 | 0.3 | 29.7 | <10 | 5 |
| 2571049 | Drill Core | 0.08 | 0.13 | 38.4 | 0.2 | <0.05 | 2.5 | 5.72 | 11.2 | <0.02 | <1 | 0.2 | 22.6 | 12 | 3 |
| 2571050 | Drill Core | 0.07 | 0.09 | 15.0 | 0.2 | <0.05 | 2.3 | 4.82 | 9.7 | <0.02 | 51 | 0.3 | 19.3 | <10 | 3 |
| 2571051 | Drill Core | 0.06 | 0.12 | 54.6 | 0.3 | <0.05 | 1.5 | 5.48 | 11.2 | <0.02 | 2 | 0.2 | 32.6 | <10 | 4 |
| 2571052 | Drill Core | 0.09 | 0.13 | 37.4 | 0.3 | <0.05 | 2.5 | 5.98 | 11.4 | <0.02 | 5 | 0.2 | 33.7 | <10 | 3 |
| 2571053 | Drill Core | 0.08 | 0.09 | 25.8 | 0.2 | <0.05 | 2.1 | 4.95 | 11.3 | <0.02 | <1 | 0.3 | 22.4 | <10 | 5 |
| 2571054 | Drill Core | 0.09 | 0.08 | 27.2 | 0.3 | <0.05 | 2.3 | 5.59 | 11.9 | <0.02 | <1 | 0.2 | 15.6 | <10 | 3 |
| 2571055 | Drill Core | 0.11 | 0.10 | 22.0 | 0.3 | <0.05 | 3.1 | 6.62 | 14.5 | <0.02 | <1 | 0.4 | 30.4 | <10 | 5 |
| 2571056 | Drill Core | 0.10 | 0.10 | 25.9 | 0.2 | <0.05 | 2.7 | 5.88 | 12.3 | <0.02 | <1 | 0.4 | 25.4 | <10 | 4 |
| 2571057 | Drill Core | 0.07 | 0.15 | 43.1 | 0.2 | <0.05 | 2.7 | 6.06 | 11.6 | <0.02 | <1 | 0.2 | 28.5 | 11 | 4 |
| 2571058 | Drill Core | 0.08 | 0.10 | 51.5 | 0.3 | <0.05 | 2.9 | 5.91 | 13.3 | <0.02 | 5 | 0.5 | 37.8 | <10 | 4 |
| 2571059 | Drill Core | 0.08 | 0.11 | 65.5 | 0.3 | <0.05 | 2.4 | 6.07 | 12.5 | <0.02 | 7 | 0.3 | 33.9 | <10 | 3 |
| 2571060 | Rock | <0.02 | 0.05 | 0.1 | <0.1 | <0.05 | 0.1 | 0.17 | 0.2 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |

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# QUALITY CONTROL REPORT VAN16001701.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570901 | Drill Core | 4.62 | 0.64 | 111.11 | 1.05 | 51.7 | 69 | 27.3 | 23.1 | 585 | 4.04 | 1.6 | 0.1 | 1.5 | 0.4 | 82.2 | 0.10 | 0.16 | <0.02 | 140 | 2.05 |
| REP 2570901 | QC | | 0.69 | 111.18 | 1.10 | 54.6 | 76 | 28.0 | 24.6 | 626 | 4.03 | 1.5 | 0.1 | 2.0 | 0.4 | 82.0 | 0.09 | 0.15 | <0.02 | 141 | 2.09 |
| 2570934 | Drill Core | 3.55 | 0.89 | 105.07 | 2.09 | 39.7 | 60 | 80.8 | 28.8 | 480 | 4.00 | 12.4 | 0.1 | 2.5 | 0.4 | 136.3 | 0.07 | 0.79 | 0.04 | 103 | 2.77 |
| REP 2570934 | QC | | 0.84 | 103.94 | 2.10 | 40.8 | 67 | 80.5 | 28.6 | 493 | 4.01 | 12.1 | 0.1 | 2.6 | 0.4 | 139.5 | 0.08 | 0.76 | 0.03 | 101 | 2.82 |
| 2570969 | Drill Core | 2.36 | 0.27 | 8.97 | 6.83 | 79.7 | 43 | 5.9 | 4.9 | 598 | 2.64 | 5.9 | 1.7 | 0.7 | 6.2 | 133.7 | 0.05 | 0.17 | 0.05 | 33 | 1.82 |
| REP 2570969 | QC | | 0.26 | 9.00 | 6.89 | 79.4 | 42 | 6.0 | 4.9 | 609 | 2.62 | 5.5 | 1.6 | 0.4 | 6.3 | 131.8 | 0.06 | 0.17 | 0.05 | 32 | 1.80 |
| 2571005 | Drill Core | 1.51 | 2.76 | 231.75 | 6.32 | 62.6 | 205 | 71.3 | 29.8 | 891 | 4.66 | 28.1 | 0.4 | 2.1 | 1.6 | 281.0 | 0.13 | 18.26 | 0.19 | 145 | 5.98 |
| REP 2571005 | QC | | 2.73 | 237.63 | 6.68 | 64.7 | 220 | 73.1 | 30.1 | 906 | 4.86 | 28.7 | 0.4 | 1.6 | 1.7 | 283.8 | 0.13 | 19.28 | 0.19 | 149 | 6.27 |
| 2571039 | Drill Core | 2.78 | 0.75 | 149.09 | 5.76 | 53.5 | 89 | 59.9 | 23.5 | 684 | 3.68 | 1.7 | 0.8 | 1.6 | 1.9 | 163.9 | 0.09 | 0.17 | 0.02 | 146 | 4.89 |
| REP 2571039 | QC | | 0.80 | 149.99 | 5.90 | 52.0 | 93 | 60.3 | 24.2 | 675 | 3.65 | 1.7 | 0.8 | 1.3 | 2.0 | 166.1 | 0.10 | 0.17 | 0.02 | 145 | 4.86 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570917 | Drill Core | 2.01 | 0.47 | 70.03 | 1.59 | 53.1 | 55 | 28.2 | 23.4 | 788 | 4.48 | 2.8 | 0.2 | 1.5 | 0.8 | 155.9 | 0.09 | 0.35 | 0.02 | 157 | 3.54 |
| DUP 2570917 | QC | | 0.45 | 71.01 | 1.58 | 55.0 | 54 | 29.4 | 22.6 | 779 | 4.56 | 2.8 | 0.2 | 2.3 | 0.7 | 157.6 | 0.09 | 0.37 | 0.02 | 158 | 3.60 |
| 2570951 | Drill Core | 4.69 | 2.61 | 55.72 | 18.10 | 100.1 | 830 | 27.6 | 13.4 | 425 | 3.36 | 6.8 | 0.3 | 2.1 | 1.6 | 156.0 | 0.73 | 1.53 | 0.17 | 79 | 3.62 |
| DUP 2570951 | QC | | 2.77 | 56.20 | 18.64 | 99.8 | 825 | 27.5 | 12.9 | 421 | 3.36 | 6.8 | 0.3 | 3.2 | 1.4 | 152.1 | 0.73 | 1.50 | 0.16 | 77 | 3.61 |
| 2571019 | Drill Core | 4.64 | 1.26 | 182.65 | 4.67 | 45.4 | 138 | 58.0 | 30.0 | 632 | 3.45 | 9.7 | 0.5 | 1.3 | 1.4 | 133.9 | 0.10 | 0.55 | 0.05 | 131 | 4.24 |
| DUP 2571019 | QC | | 1.17 | 183.48 | 4.79 | 44.9 | 143 | 58.0 | 29.6 | 638 | 3.48 | 9.6 | 0.5 | 1.9 | 1.4 | 140.9 | 0.12 | 0.53 | 0.05 | 132 | 4.45 |
| 2571053 | Drill Core | 3.44 | 0.41 | 176.82 | 5.20 | 45.6 | 92 | 54.6 | 21.6 | 498 | 3.29 | 1.5 | 0.6 | 0.7 | 1.9 | 103.5 | 0.07 | 0.12 | <0.02 | 120 | 2.78 |
| DUP 2571053 | QC | | 0.47 | 178.33 | 5.54 | 46.6 | 94 | 56.3 | 22.1 | 543 | 3.39 | 1.5 | 0.6 | 0.8 | 1.9 | 115.2 | 0.06 | 0.14 | <0.02 | 123 | 2.94 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 14.64 | 132.01 | 152.22 | 332.3 | 1891 | 75.2 | 12.4 | 903 | 2.64 | 45.7 | 2.4 | 77.9 | 6.8 | 57.0 | 2.28 | 8.56 | 10.70 | 40 | 1.03 |
| STD DS10 | Standard | | 14.65 | 157.30 | 149.49 | 367.4 | 1903 | 75.6 | 13.1 | 889 | 2.77 | 45.2 | 2.6 | 86.0 | 7.0 | 66.1 | 2.77 | 9.56 | 12.10 | 41 | 1.07 |
| STD DS10 | Standard | | 14.42 | 156.58 | 146.07 | 365.2 | 1851 | 75.5 | 12.8 | 881 | 2.81 | 45.3 | 2.6 | 98.7 | 7.2 | 63.1 | 2.71 | 9.42 | 11.93 | 42 | 1.07 |
| STD DS10 | Standard | | 14.57 | 164.48 | 141.14 | 366.1 | 1802 | 76.1 | 13.6 | 853 | 2.79 | 47.6 | 2.7 | 79.7 | 7.1 | 64.5 | 2.82 | 8.49 | 11.66 | 46 | 1.08 |
| STD DS10 | Standard | | 14.55 | 143.25 | 140.63 | 364.4 | 1899 | 69.5 | 12.1 | 873 | 2.78 | 47.1 | 2.6 | 78.4 | 7.4 | 73.4 | 2.61 | 9.35 | 12.44 | 44 | 1.08 |
| STD OXC129 | Standard | | 1.31 | 23.08 | 6.13 | 40.5 | 10 | 76.4 | 20.0 | 378 | 3.01 | 0.6 | 0.6 | 200.9 | 1.7 | 187.5 | 0.02 | 0.04 | <0.02 | 48 | 0.62 |
| STD OXC129 | Standard | | 1.25 | 27.02 | 5.91 | 39.5 | 14 | 76.5 | 20.0 | 410 | 2.99 | 0.3 | 0.6 | 186.2 | 1.7 | 175.3 | 0.04 | 0.03 | <0.02 | 49 | 0.61 |
| STD OXC129 | Standard | | 1.24 | 28.39 | 6.19 | 40.6 | 18 | 79.5 | 20.5 | 419 | 3.02 | 0.6 | 0.6 | 189.8 | 1.7 | 174.6 | 0.03 | 0.03 | <0.02 | 48 | 0.60 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570901 | Drill Core | 0.126 | 1.4 | 45.1 | 1.63 | 209.3 | 0.272 | 1 | 2.24 | 0.119 | 1.16 | 0.1 | 7.1 | 0.20 | 0.10 | 8 | <0.1 | <0.02 | 7.5 | 1.72 | 0.1 |
| REP 2570901 | QC | 0.119 | 1.4 | 48.2 | 1.61 | 216.2 | 0.279 | <1 | 2.24 | 0.118 | 1.16 | 0.1 | 7.0 | 0.23 | 0.11 | 7 | <0.1 | <0.02 | 8.1 | 1.79 | 0.1 |
| 2570934 | Drill Core | 0.089 | 1.4 | 86.4 | 2.08 | 71.5 | 0.155 | 1 | 2.24 | 0.166 | 0.24 | 0.1 | 7.3 | 0.08 | 0.74 | <5 | <0.1 | <0.02 | 6.1 | 0.60 | <0.1 |
| REP 2570934 | QC | 0.091 | 1.5 | 86.7 | 2.07 | 72.0 | 0.156 | 2 | 2.26 | 0.169 | 0.24 | 0.1 | 7.2 | 0.08 | 0.72 | <5 | <0.1 | <0.02 | 6.4 | 0.61 | <0.1 |
| 2570969 | Drill Core | 0.082 | 13.6 | 10.1 | 0.64 | 52.7 | 0.114 | 2 | 1.86 | 0.201 | 0.64 | 0.2 | 4.3 | 0.51 | 0.19 | <5 | <0.1 | 0.05 | 8.5 | 2.39 | <0.1 |
| REP 2570969 | QC | 0.080 | 13.9 | 10.1 | 0.63 | 52.3 | 0.111 | 1 | 1.83 | 0.200 | 0.63 | 0.2 | 4.2 | 0.50 | 0.18 | <5 | <0.1 | 0.03 | 8.4 | 2.33 | <0.1 |
| 2571005 | Drill Core | 0.197 | 6.8 | 129.1 | 1.83 | 30.5 | 0.064 | 4 | 1.92 | 0.054 | 0.33 | 0.2 | 12.5 | 0.14 | 1.15 | <5 | 0.4 | 0.23 | 6.9 | 1.68 | <0.1 |
| REP 2571005 | QC | 0.202 | 7.1 | 129.4 | 1.88 | 32.4 | 0.067 | 4 | 1.96 | 0.055 | 0.34 | 0.2 | 12.7 | 0.15 | 1.21 | <5 | 0.2 | 0.21 | 7.2 | 1.75 | 0.1 |
| 2571039 | Drill Core | 0.213 | 6.7 | 163.7 | 1.58 | 137.0 | 0.189 | 2 | 2.15 | 0.102 | 1.35 | 0.2 | 4.9 | 0.11 | 0.07 | <5 | <0.1 | 0.03 | 7.1 | 2.64 | 0.1 |
| REP 2571039 | QC | 0.222 | 6.9 | 161.5 | 1.57 | 138.0 | 0.189 | 2 | 2.13 | 0.101 | 1.34 | 0.3 | 5.0 | 0.11 | 0.07 | <5 | <0.1 | 0.03 | 7.6 | 2.66 | 0.1 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2570917 | Drill Core | 0.128 | 2.7 | 57.2 | 1.95 | 243.0 | 0.218 | 1 | 2.42 | 0.156 | 0.99 | <0.1 | 12.4 | 0.24 | 0.06 | 32 | <0.1 | <0.02 | 7.9 | 2.68 | 0.2 |
| DUP 2570917 | QC | 0.128 | 2.6 | 56.7 | 1.95 | 250.8 | 0.210 | <1 | 2.41 | 0.145 | 0.99 | 0.1 | 11.9 | 0.23 | 0.06 | 39 | <0.1 | <0.02 | 8.0 | 2.74 | 0.2 |
| 2570951 | Drill Core | 0.085 | 4.7 | 46.5 | 0.94 | 48.0 | 0.121 | 2 | 2.45 | 0.195 | 0.36 | 0.4 | 5.6 | 0.32 | 1.69 | 12 | 2.6 | 0.21 | 6.0 | 0.89 | <0.1 |
| DUP 2570951 | QC | 0.083 | 4.5 | 44.4 | 0.91 | 42.0 | 0.110 | 2 | 2.34 | 0.185 | 0.33 | 0.4 | 5.1 | 0.30 | 1.70 | 12 | 2.6 | 0.19 | 5.8 | 0.86 | <0.1 |
| 2571019 | Drill Core | 0.178 | 5.4 | 99.4 | 1.64 | 227.4 | 0.169 | 2 | 2.03 | 0.250 | 0.49 | 0.2 | 8.3 | 0.07 | 0.39 | <5 | <0.1 | 0.04 | 7.6 | 0.56 | 0.2 |
| DUP 2571019 | QC | 0.183 | 5.3 | 100.4 | 1.64 | 217.8 | 0.164 | 2 | 2.02 | 0.241 | 0.47 | 0.2 | 8.3 | 0.07 | 0.42 | <5 | <0.1 | 0.06 | 7.3 | 0.53 | 0.1 |
| 2571053 | Drill Core | 0.220 | 6.6 | 151.3 | 1.68 | 225.3 | 0.176 | 2 | 1.98 | 0.108 | 1.29 | 0.2 | 3.8 | 0.08 | 0.09 | <5 | <0.1 | <0.02 | 6.5 | 1.29 | 0.1 |
| DUP 2571053 | QC | 0.219 | 6.9 | 157.4 | 1.71 | 234.3 | 0.183 | 2 | 2.02 | 0.124 | 1.31 | 0.2 | 4.0 | 0.08 | 0.09 | <5 | 0.1 | <0.02 | 6.6 | 1.35 | 0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.070 | 15.7 | 53.3 | 0.76 | 364.5 | 0.066 | 7 | 1.00 | 0.066 | 0.32 | 3.4 | 3.0 | 5.32 | 0.26 | 296 | 2.1 | 4.89 | 4.2 | 2.67 | <0.1 |
| STD DS10 | Standard | 0.076 | 17.5 | 56.8 | 0.77 | 343.9 | 0.079 | 7 | 1.04 | 0.069 | 0.33 | 3.3 | 2.8 | 5.15 | 0.27 | 289 | 2.1 | 4.83 | 4.5 | 2.72 | <0.1 |
| STD DS10 | Standard | 0.075 | 16.2 | 55.2 | 0.78 | 328.4 | 0.077 | 7 | 1.04 | 0.070 | 0.34 | 3.2 | 2.9 | 5.13 | 0.29 | 284 | 2.1 | 4.91 | 4.5 | 2.62 | <0.1 |
| STD DS10 | Standard | 0.075 | 18.5 | 56.3 | 0.77 | 356.4 | 0.084 | 7 | 1.04 | 0.071 | 0.33 | 2.9 | 3.0 | 4.90 | 0.29 | 279 | 2.1 | 4.74 | 4.1 | 2.70 | <0.1 |
| STD DS10 | Standard | 0.077 | 18.3 | 52.0 | 0.78 | 373.3 | 0.079 | 8 | 1.08 | 0.072 | 0.34 | 3.3 | 3.1 | 5.30 | 0.28 | 267 | 1.8 | 4.90 | 4.6 | 2.73 | <0.1 |
| STD OXC129 | Standard | 0.095 | 11.4 | 50.4 | 1.53 | 49.8 | 0.377 | 1 | 1.52 | 0.585 | 0.36 | <0.1 | 1.2 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.2 | 0.17 | <0.1 |
| STD OXC129 | Standard | 0.097 | 11.9 | 49.6 | 1.50 | 46.7 | 0.373 | <1 | 1.48 | 0.581 | 0.36 | <0.1 | 1.1 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.4 | 0.15 | <0.1 |
| STD OXC129 | Standard | 0.100 | 12.2 | 52.8 | 1.51 | 48.9 | 0.385 | 1 | 1.49 | 0.590 | 0.36 | <0.1 | 0.9 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.16 | <0.1 |

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Project: TRX16-01

Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001701.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 2570901 | Drill Core | 0.13 | 0.06 | 33.4 | 0.3 | <0.05 | 2.0 | 6.80 | 3.5 | <0.02 | 1 | 0.1 | 21.1 | 20 | 6 |
| REP 2570901 | QC | 0.12 | 0.07 | 35.3 | 0.3 | <0.05 | 2.0 | 6.83 | 3.7 | <0.02 | <1 | 0.1 | 20.4 | 13 | 3 |
| 2570934 | Drill Core | 0.10 | 0.04 | 6.4 | 0.2 | <0.05 | 2.6 | 5.16 | 3.6 | <0.02 | 4 | <0.1 | 23.0 | <10 | 3 |
| REP 2570934 | QC | 0.11 | 0.03 | 6.4 | 0.2 | <0.05 | 2.6 | 5.48 | 3.6 | <0.02 | 3 | 0.1 | 22.7 | <10 | 3 |
| 2570969 | Drill Core | 0.27 | 0.70 | 51.3 | 1.2 | <0.05 | 6.6 | 6.02 | 26.5 | 0.04 | <1 | 0.5 | 19.2 | <10 | <2 |
| REP 2570969 | QC | 0.26 | 0.70 | 49.4 | 1.1 | <0.05 | 6.4 | 5.91 | 26.1 | 0.03 | <1 | 0.5 | 18.9 | <10 | <2 |
| 2571005 | Drill Core | 0.12 | 0.03 | 15.9 | 0.3 | <0.05 | 2.9 | 6.82 | 13.5 | 0.02 | 3 | 0.8 | 20.6 | <10 | 6 |
| REP 2571005 | QC | 0.12 | 0.04 | 16.3 | 0.2 | <0.05 | 3.0 | 7.14 | 14.1 | <0.02 | 3 | 0.8 | 21.9 | <10 | 5 |
| 2571039 | Drill Core | 0.09 | 0.11 | 34.0 | 0.2 | <0.05 | 2.4 | 5.21 | 11.8 | <0.02 | <1 | 0.2 | 27.8 | <10 | 5 |
| REP 2571039 | QC | 0.09 | 0.12 | 34.7 | 0.3 | <0.05 | 2.8 | 5.40 | 11.9 | <0.02 | <1 | 0.3 | 28.4 | <10 | 5 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2570917 | Drill Core | 0.13 | 0.07 | 33.1 | 0.3 | <0.05 | 3.2 | 7.48 | 6.6 | 0.02 | <1 | 0.2 | 27.5 | <10 | 3 |
| DUP 2570917 | QC | 0.15 | 0.07 | 33.6 | 0.3 | <0.05 | 2.8 | 7.14 | 6.3 | <0.02 | <1 | 0.2 | 27.4 | <10 | <2 |
| 2570951 | Drill Core | 0.08 | 0.14 | 20.2 | 0.4 | <0.05 | 2.4 | 7.83 | 9.2 | 0.02 | 4 | 0.5 | 18.4 | <10 | <2 |
| DUP 2570951 | QC | 0.09 | 0.12 | 18.5 | 0.4 | <0.05 | 2.1 | 7.41 | 8.7 | 0.02 | 4 | 0.7 | 18.6 | <10 | <2 |
| 2571019 | Drill Core | 0.24 | 0.08 | 9.5 | 0.3 | <0.05 | 5.8 | 6.30 | 10.7 | 0.02 | <1 | 0.3 | 22.9 | <10 | 5 |
| DUP 2571019 | QC | 0.22 | 0.09 | 9.1 | 0.3 | <0.05 | 5.5 | 6.29 | 10.6 | <0.02 | <1 | 0.3 | 21.1 | <10 | 6 |
| 2571053 | Drill Core | 0.08 | 0.09 | 25.8 | 0.2 | <0.05 | 2.1 | 4.95 | 11.3 | <0.02 | <1 | 0.3 | 22.4 | <10 | 5 |
| DUP 2571053 | QC | 0.07 | 0.11 | 27.1 | 0.2 | <0.05 | 2.4 | 5.45 | 12.2 | <0.02 | <1 | 0.2 | 22.2 | <10 | 5 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.06 | 1.34 | 24.8 | 1.4 | <0.05 | 2.3 | 7.05 | 32.8 | 0.20 | 51 | 0.5 | 20.6 | 131 | 192 |
| STD DS10 | Standard | 0.05 | 1.40 | 28.2 | 1.6 | <0.05 | 2.4 | 7.86 | 34.6 | 0.25 | 52 | 0.7 | 20.1 | 100 | 181 |
| STD DS10 | Standard | 0.05 | 1.30 | 28.5 | 1.5 | <0.05 | 2.3 | 7.58 | 33.3 | 0.22 | 45 | 0.7 | 22.0 | 111 | 177 |
| STD DS10 | Standard | 0.06 | 1.45 | 28.6 | 1.7 | <0.05 | 2.6 | 7.62 | 34.3 | 0.24 | 42 | 0.7 | 19.3 | 87 | 183 |
| STD DS10 | Standard | 0.07 | 1.68 | 29.2 | 1.6 | <0.05 | 2.8 | 8.49 | 37.9 | 0.25 | 46 | 0.6 | 19.8 | 113 | 182 |
| STD OXC129 | Standard | 0.29 | 1.68 | 13.9 | 0.6 | <0.05 | 20.9 | 4.39 | 21.7 | <0.02 | <1 | 0.7 | 2.2 | 10 | <2 |
| STD OXC129 | Standard | 0.23 | 1.45 | 15.4 | 0.7 | <0.05 | 18.4 | 4.34 | 22.2 | <0.02 | <1 | 0.8 | 2.2 | <10 | <2 |
| STD OXC129 | Standard | 0.25 | 1.52 | 15.8 | 0.7 | <0.05 | 20.2 | 4.46 | 22.2 | <0.02 | <1 | 0.6 | 2.1 | <10 | <2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001701.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| STD OXC129 | Standard | | 1.27 | 29.28 | 6.29 | 41.3 | 15 | 79.6 | 20.8 | 405 | 3.04 | 0.7 | 0.6 | 182.5 | 1.8 | 180.1 | 0.04 | 0.03 | <0.02 | 53 | 0.63 |
| STD OXC129 | Standard | | 1.25 | 26.53 | 6.12 | 41.0 | 20 | 74.5 | 19.8 | 427 | 3.02 | 0.3 | 0.7 | 191.5 | 1.9 | 207.6 | 0.04 | 0.03 | <0.02 | 53 | 0.71 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | 0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | 0.6 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | 0.03 |
| BLK | Blank | | <0.01 | 0.04 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.04 | 2.41 | 0.85 | 29.7 | 9 | 0.7 | 3.8 | 458 | 1.70 | 1.4 | 0.3 | 1.3 | 1.9 | 16.8 | 0.02 | 0.06 | 0.02 | 20 | 0.64 |
| ROCK-VAN | Prep Blank | | 0.99 | 3.32 | 0.86 | 28.6 | 7 | 0.7 | 3.5 | 444 | 1.62 | 1.4 | 0.3 | 0.6 | 1.8 | 16.5 | <0.01 | 0.04 | <0.02 | 19 | 0.59 |

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Project: TRX16-01
Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001701.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| STD OXC129 | Standard | 0.107 | 12.6 | 50.9 | 1.52 | 49.7 | 0.388 | <1 | 1.50 | 0.576 | 0.36 | <0.1 | 1.1 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.0 | 0.15 | <0.1 |
| STD OXC129 | Standard | 0.102 | 12.6 | 51.1 | 1.53 | 51.6 | 0.388 | 1 | 1.62 | 0.591 | 0.36 | <0.1 | 1.1 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.8 | 0.17 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.043 | 4.5 | 2.4 | 0.47 | 53.1 | 0.052 | 2 | 0.86 | 0.080 | 0.08 | <0.1 | 2.6 | <0.02 | 0.04 | <5 | <0.1 | <0.02 | 3.5 | 0.21 | <0.1 |
| ROCK-VAN | Prep Blank | 0.042 | 3.9 | 2.4 | 0.43 | 52.5 | 0.046 | 2 | 0.78 | 0.068 | 0.07 | <0.1 | 2.4 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | 3.4 | 0.21 | <0.1 |

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# QUALITY CONTROL REPORT VAN16001701.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| STD OXC129 | Standard | 0.23 | 1.35 | 15.8 | 0.7 | <0.05 | 19.1 | 4.42 | 22.0 | <0.02 | <1 | 0.7 | 2.3 | <10 | <2 |
| STD OXC129 | Standard | 0.26 | 1.34 | 15.8 | 0.8 | <0.05 | 21.3 | 4.97 | 23.7 | <0.02 | <1 | 0.8 | 2.5 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.13 | 0.17 | 1.9 | 0.3 | <0.05 | 2.8 | 7.00 | 9.4 | <0.02 | <1 | 0.2 | 1.8 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.10 | 0.16 | 1.8 | 0.3 | <0.05 | 2.4 | 6.61 | 8.8 | <0.02 | <1 | 0.2 | 1.9 | <10 | <2 |

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Canada

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 21, 2016 |
| Report Date: | September 30, 2016 |
| Page: | 1 of 7 |

# CERTIFICATE OF ANALYSIS VAN16001702.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01-2 |
| P.O. Number | TRX16-01-2 |
| Number of Samples: | 156 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 148 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 4 | Sort, label and box pulps | | | VAN |
| PUL85 | 4 | Pulverize to 85% passing 200 mesh | | | VAN |
| SPTRF | 4 | Split samples by riffle splitter | | | VAN |
| AQ251_EXT | 156 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 156 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 148 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571061 | Drill Core | 4.68 | 15.25 | 145.12 | 4.32 | 47.2 | 105 | 54.7 | 21.1 | 461 | 3.40 | 1.3 | 0.4 | 1.2 | 1.3 | 103.2 | 0.06 | 0.21 | 0.04 | 108 | 1.27 |
| 2571062 | Drill Core | 4.75 | 3.59 | 145.63 | 6.71 | 51.5 | 126 | 54.4 | 21.1 | 442 | 3.46 | 1.3 | 0.5 | 1.7 | 1.4 | 100.3 | 0.07 | 0.09 | 0.03 | 115 | 1.28 |
| 2571063 | Drill Core | 5.05 | 2.20 | 142.03 | 4.83 | 48.3 | 98 | 56.7 | 21.9 | 435 | 3.42 | 1.2 | 0.5 | 1.3 | 1.3 | 92.2 | 0.05 | 0.14 | 0.02 | 111 | 1.21 |
| 2571064 | Drill Core | 4.30 | 2.31 | 153.74 | 6.36 | 60.2 | 102 | 66.4 | 26.1 | 688 | 4.29 | 8.6 | 0.6 | 1.9 | 1.7 | 181.4 | 0.07 | 2.93 | 0.04 | 161 | 2.77 |
| 2571065 | Core DUP | | 2.14 | 147.23 | 5.49 | 55.4 | 101 | 62.9 | 25.6 | 680 | 4.08 | 8.4 | 0.5 | 2.6 | 1.4 | 168.0 | 0.07 | 3.04 | 0.04 | 150 | 2.68 |
| 2571066 | Drill Core | 5.14 | 1.41 | 143.72 | 3.80 | 46.1 | 101 | 52.6 | 19.4 | 496 | 3.34 | 1.4 | 0.4 | 1.7 | 1.4 | 109.6 | 0.04 | 0.13 | <0.02 | 111 | 1.34 |
| 2571067 | Drill Core | 2.55 | 1.62 | 138.23 | 3.60 | 41.6 | 123 | 50.8 | 19.7 | 420 | 3.12 | 0.8 | 0.4 | 1.6 | 1.2 | 71.6 | 0.05 | 0.14 | 0.03 | 99 | 0.88 |
| 2571068 | Drill Core | 2.54 | 0.43 | 149.57 | 2.98 | 39.7 | 103 | 47.8 | 18.0 | 375 | 2.89 | 0.8 | 0.4 | 2.3 | 1.3 | 61.1 | 0.03 | 0.12 | <0.02 | 88 | 1.07 |
| 2571069 | Drill Core | 4.65 | 0.71 | 142.73 | 2.81 | 42.0 | 87 | 51.0 | 19.8 | 436 | 3.03 | 0.8 | 0.4 | 1.1 | 1.3 | 92.9 | 0.02 | 0.06 | <0.02 | 98 | 0.99 |
| 2571070 | Rock Pulp | 0.10 | 218.42 | 2498.12 | 46.53 | 289.6 | 3215 | 9.3 | 19.0 | 201 | 3.22 | 25.9 | 5.4 | 257.2 | 11.0 | 43.7 | 2.17 | 6.68 | 3.82 | 39 | 0.89 |
| 2571071 | Drill Core | 4.82 | 0.50 | 145.36 | 2.90 | 40.0 | 92 | 49.7 | 18.7 | 412 | 2.92 | 1.1 | 0.4 | 4.4 | 1.3 | 128.9 | 0.03 | 0.06 | <0.02 | 94 | 1.02 |
| 2571072 | Drill Core | 5.12 | 0.68 | 149.91 | 3.91 | 44.0 | 111 | 50.3 | 20.4 | 484 | 3.22 | 1.0 | 0.5 | 5.7 | 1.3 | 92.0 | 0.04 | 0.10 | 0.03 | 108 | 1.29 |
| 2571073 | Drill Core | 4.89 | 0.77 | 137.78 | 3.53 | 45.3 | 97 | 50.4 | 20.2 | 473 | 3.20 | 0.7 | 0.4 | 2.9 | 1.2 | 92.7 | 0.03 | 0.13 | <0.02 | 110 | 1.06 |
| 2571074 | Drill Core | 3.15 | 1.86 | 145.57 | 4.07 | 51.9 | 100 | 56.0 | 23.7 | 440 | 3.53 | 3.1 | 0.4 | 1.0 | 1.4 | 111.0 | 0.03 | 0.23 | 0.04 | 114 | 1.35 |
| 2571075 | Drill Core | 4.16 | 0.97 | 142.96 | 3.73 | 52.4 | 105 | 56.3 | 22.6 | 617 | 3.78 | 13.0 | 0.5 | 1.1 | 1.6 | 183.7 | 0.05 | 0.61 | 0.02 | 136 | 2.07 |
| 2571076 | Drill Core | 3.11 | 0.69 | 155.31 | 3.05 | 39.8 | 86 | 47.9 | 19.5 | 484 | 2.93 | 0.7 | 0.3 | 0.7 | 1.0 | 120.1 | 0.02 | 0.14 | <0.02 | 90 | 1.41 |
| 2571077 | Drill Core | 3.25 | 0.99 | 153.90 | 3.09 | 53.4 | 87 | 59.3 | 24.8 | 756 | 3.84 | 3.6 | 0.5 | 0.5 | 1.3 | 215.6 | 0.03 | 0.33 | <0.02 | 140 | 2.60 |
| 2571078 | Drill Core | 3.03 | 1.19 | 148.28 | 3.92 | 48.6 | 93 | 52.6 | 21.6 | 688 | 3.56 | 1.9 | 0.6 | 1.4 | 1.4 | 187.5 | 0.05 | 0.23 | <0.02 | 126 | 4.02 |
| 2571079 | Drill Core | 3.51 | 0.52 | 123.18 | 4.85 | 47.1 | 83 | 48.0 | 19.2 | 607 | 3.46 | 5.0 | 0.7 | 0.8 | 1.9 | 142.4 | 0.05 | 0.20 | <0.02 | 127 | 4.13 |
| 2571080 | Drill Core | 1.51 | 0.75 | 141.79 | 6.29 | 42.1 | 108 | 47.9 | 20.2 | 722 | 3.66 | 43.9 | 0.6 | 1.3 | 1.8 | 259.4 | 0.05 | 0.84 | 0.02 | 135 | 7.66 |
| 2571081 | Drill Core | 4.99 | 0.62 | 162.62 | 4.50 | 47.1 | 91 | 54.8 | 21.0 | 562 | 3.51 | 3.3 | 0.6 | 0.8 | 2.0 | 100.3 | 0.06 | 0.08 | <0.02 | 120 | 3.15 |
| 2571082 | Drill Core | 5.08 | 0.85 | 188.75 | 4.94 | 45.0 | 105 | 52.1 | 21.7 | 486 | 3.27 | 1.8 | 0.7 | 0.5 | 1.9 | 91.8 | 0.05 | 0.09 | 0.03 | 105 | 2.76 |
| 2571083 | Drill Core | 2.43 | 0.40 | 115.86 | 4.48 | 41.4 | 59 | 47.4 | 19.4 | 514 | 3.21 | 0.7 | 0.6 | <0.2 | 1.7 | 99.1 | 0.02 | 0.06 | <0.02 | 103 | 2.06 |
| 2571084 | Drill Core | 1.35 | 0.41 | 133.90 | 3.49 | 42.7 | 70 | 48.3 | 18.9 | 552 | 3.25 | 0.9 | 0.7 | 0.3 | 1.9 | 132.0 | 0.02 | 0.11 | <0.02 | 109 | 3.38 |
| 2571085 | Drill Core | 1.55 | 0.44 | 120.42 | 3.50 | 41.0 | 59 | 45.9 | 18.4 | 579 | 3.16 | 1.4 | 0.6 | <0.2 | 1.8 | 144.8 | 0.02 | 0.12 | <0.02 | 107 | 3.82 |
| 2571086 | Drill Core | 4.25 | 0.38 | 135.10 | 3.96 | 49.7 | 72 | 55.6 | 23.7 | 750 | 3.86 | 8.5 | 0.7 | <0.2 | 1.7 | 227.5 | 0.04 | 0.49 | <0.02 | 141 | 4.04 |
| 2571087 | Drill Core | 4.38 | 0.41 | 144.84 | 4.28 | 52.4 | 96 | 56.2 | 23.8 | 691 | 3.74 | 25.3 | 0.6 | 0.5 | 1.8 | 189.3 | 0.07 | 0.62 | <0.02 | 130 | 3.18 |
| 2571088 | Drill Core | 3.29 | 0.36 | 138.85 | 4.34 | 43.3 | 94 | 47.0 | 18.7 | 551 | 3.18 | 2.7 | 0.6 | <0.2 | 1.8 | 104.4 | 0.04 | 0.18 | <0.02 | 108 | 3.99 |
| 2571089 | Drill Core | 4.09 | 0.76 | 145.69 | 3.76 | 45.1 | 98 | 53.0 | 20.9 | 543 | 3.16 | 149.2 | 0.5 | 1.3 | 1.2 | 175.8 | 0.06 | 0.46 | <0.02 | 105 | 2.80 |
| 2571090 | Drill Core | 4.73 | 1.05 | 137.78 | 4.17 | 49.3 | 94 | 54.9 | 21.3 | 469 | 3.32 | 1.8 | 0.6 | 0.2 | 1.6 | 89.9 | 0.04 | 0.17 | 0.03 | 100 | 1.61 |

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571061 | Drill Core | 0.173 | 5.5 | 154.3 | 1.94 | 85.5 | 0.117 | 1 | 2.03 | 0.073 | 1.52 | 0.1 | 2.8 | 0.22 | 0.23 | 5 | <0.1 | 0.06 | 7.3 | 2.57 | 0.1 |
| 2571062 | Drill Core | 0.190 | 6.3 | 164.7 | 1.93 | 85.8 | 0.136 | 1 | 2.32 | 0.092 | 1.87 | 0.1 | 2.2 | 0.22 | 0.12 | <5 | <0.1 | 0.03 | 7.0 | 2.82 | <0.1 |
| 2571063 | Drill Core | 0.180 | 6.2 | 160.1 | 1.96 | 68.3 | 0.130 | 2 | 2.29 | 0.072 | 1.59 | 0.1 | 2.0 | 0.16 | 0.11 | <5 | <0.1 | 0.03 | 7.3 | 1.76 | 0.1 |
| 2571064 | Drill Core | 0.204 | 6.8 | 194.3 | 2.72 | 78.8 | 0.185 | 1 | 2.63 | 0.087 | 1.71 | 0.2 | 6.4 | 0.27 | 0.20 | <5 | <0.1 | 0.06 | 9.3 | 3.39 | 0.1 |
| 2571065 | Core DUP | 0.185 | 5.8 | 188.8 | 2.61 | 74.1 | 0.152 | 1 | 2.51 | 0.081 | 1.65 | 0.2 | 5.9 | 0.26 | 0.19 | <5 | <0.1 | 0.05 | 8.7 | 3.11 | 0.2 |
| 2571066 | Drill Core | 0.190 | 5.7 | 167.7 | 2.02 | 145.5 | 0.147 | 1 | 2.18 | 0.079 | 1.68 | 0.2 | 2.7 | 0.14 | 0.06 | <5 | <0.1 | 0.02 | 7.3 | 1.91 | 0.1 |
| 2571067 | Drill Core | 0.165 | 4.7 | 163.7 | 1.88 | 153.6 | 0.114 | <1 | 1.92 | 0.074 | 1.66 | 0.1 | 2.4 | 0.15 | 0.13 | <5 | <0.1 | 0.05 | 6.4 | 1.72 | <0.1 |
| 2571068 | Drill Core | 0.173 | 4.6 | 147.4 | 1.70 | 390.2 | 0.113 | 1 | 1.79 | 0.090 | 1.43 | 0.1 | 2.5 | 0.10 | 0.09 | <5 | <0.1 | 0.02 | 5.8 | 1.55 | 0.1 |
| 2571069 | Drill Core | 0.174 | 5.7 | 160.3 | 1.79 | 123.0 | 0.119 | 1 | 1.96 | 0.083 | 1.70 | <0.1 | 2.5 | 0.11 | 0.05 | <5 | <0.1 | <0.02 | 6.2 | 1.77 | <0.1 |
| 2571070 | Rock Pulp | 0.048 | 20.3 | 64.4 | 0.62 | 61.1 | 0.037 | 2 | 1.23 | 0.031 | 0.53 | 3.8 | 5.4 | 0.40 | 1.92 | 70 | 2.9 | 0.34 | 3.9 | 2.43 | <0.1 |
| 2571071 | Drill Core | 0.182 | 6.0 | 145.3 | 1.67 | 66.7 | 0.114 | 1 | 1.85 | 0.070 | 1.54 | 0.1 | 2.2 | 0.12 | 0.08 | <5 | <0.1 | <0.02 | 6.3 | 2.31 | 0.1 |
| 2571072 | Drill Core | 0.183 | 6.3 | 163.3 | 1.84 | 71.2 | 0.118 | 1 | 2.03 | 0.079 | 1.54 | 0.1 | 2.7 | 0.12 | 0.12 | <5 | <0.1 | <0.02 | 7.2 | 2.89 | 0.1 |
| 2571073 | Drill Core | 0.176 | 6.7 | 164.1 | 1.93 | 71.2 | 0.115 | 2 | 2.12 | 0.063 | 1.60 | 0.1 | 2.2 | 0.18 | 0.05 | <5 | <0.1 | <0.02 | 7.0 | 3.03 | 0.1 |
| 2571074 | Drill Core | 0.181 | 6.9 | 133.4 | 2.13 | 80.6 | 0.126 | <1 | 2.12 | 0.075 | 1.44 | 0.2 | 3.0 | 0.26 | 0.43 | <5 | 0.1 | 0.07 | 7.3 | 2.46 | 0.1 |
| 2571075 | Drill Core | 0.202 | 7.5 | 176.4 | 2.37 | 79.9 | 0.139 | 1 | 2.44 | 0.081 | 1.50 | 0.1 | 6.4 | 0.17 | 0.11 | <5 | <0.1 | 0.03 | 8.2 | 2.51 | 0.1 |
| 2571076 | Drill Core | 0.187 | 5.2 | 122.5 | 1.80 | 50.1 | 0.102 | 2 | 1.77 | 0.078 | 1.16 | <0.1 | 2.5 | 0.08 | 0.03 | <5 | <0.1 | <0.02 | 5.3 | 1.69 | <0.1 |
| 2571077 | Drill Core | 0.206 | 6.7 | 173.2 | 2.53 | 67.6 | 0.185 | 2 | 2.40 | 0.084 | 1.70 | 0.1 | 8.2 | 0.14 | 0.06 | <5 | <0.1 | <0.02 | 8.2 | 2.99 | 0.1 |
| 2571078 | Drill Core | 0.186 | 5.3 | 155.3 | 1.94 | 158.7 | 0.153 | 2 | 2.06 | 0.103 | 1.27 | 0.2 | 5.4 | 0.11 | 0.13 | <5 | <0.1 | 0.02 | 7.4 | 2.75 | 0.1 |
| 2571079 | Drill Core | 0.198 | 6.6 | 167.8 | 1.49 | 293.8 | 0.166 | 2 | 1.92 | 0.129 | 1.34 | 0.3 | 4.2 | 0.11 | 0.10 | <5 | <0.1 | 0.02 | 7.4 | 1.94 | 0.1 |
| 2571080 | Drill Core | 0.171 | 6.7 | 167.9 | 1.56 | 24.1 | 0.094 | 1 | 1.70 | 0.100 | 0.18 | 0.3 | 6.4 | 0.04 | 0.20 | <5 | 0.2 | 0.03 | 8.5 | 0.35 | <0.1 |
| 2571081 | Drill Core | 0.209 | 7.1 | 183.5 | 1.51 | 278.3 | 0.191 | 1 | 1.99 | 0.125 | 1.52 | 0.3 | 3.8 | 0.07 | 0.10 | <5 | <0.1 | <0.02 | 7.2 | 0.90 | 0.1 |
| 2571082 | Drill Core | 0.202 | 6.8 | 163.6 | 1.46 | 142.2 | 0.146 | 2 | 1.88 | 0.117 | 1.07 | 0.2 | 3.0 | 0.08 | 0.16 | <5 | <0.1 | 0.02 | 6.7 | 0.72 | 0.1 |
| 2571083 | Drill Core | 0.191 | 6.1 | 162.5 | 1.69 | 121.1 | 0.127 | 2 | 1.95 | 0.082 | 1.31 | 0.1 | 3.0 | 0.06 | <0.02 | <5 | <0.1 | <0.02 | 6.6 | 0.94 | <0.1 |
| 2571084 | Drill Core | 0.196 | 6.7 | 157.3 | 1.59 | 223.1 | 0.158 | 1 | 1.86 | 0.117 | 1.46 | 0.2 | 4.4 | 0.06 | 0.05 | <5 | <0.1 | <0.02 | 6.6 | 1.02 | 0.1 |
| 2571085 | Drill Core | 0.193 | 6.2 | 158.5 | 1.59 | 242.0 | 0.148 | 1 | 1.76 | 0.102 | 1.37 | 0.3 | 4.4 | 0.05 | 0.03 | <5 | <0.1 | <0.02 | 6.3 | 0.93 | <0.1 |
| 2571086 | Drill Core | 0.184 | 6.6 | 180.7 | 2.21 | 161.4 | 0.168 | 1 | 2.24 | 0.108 | 1.50 | 0.2 | 8.5 | 0.07 | 0.06 | <5 | <0.1 | <0.02 | 7.6 | 1.89 | 0.1 |
| 2571087 | Drill Core | 0.195 | 6.8 | 189.3 | 2.21 | 135.9 | 0.152 | 1 | 2.24 | 0.097 | 1.35 | 0.2 | 6.7 | 0.09 | 0.05 | <5 | <0.1 | <0.02 | 7.7 | 1.53 | 0.1 |
| 2571088 | Drill Core | 0.199 | 5.9 | 165.6 | 1.27 | 182.4 | 0.139 | 2 | 1.68 | 0.096 | 1.07 | 0.3 | 2.9 | 0.06 | 0.09 | <5 | <0.1 | <0.02 | 6.4 | 0.76 | 0.1 |
| 2571089 | Drill Core | 0.193 | 4.8 | 138.8 | 1.77 | 60.3 | 0.142 | 2 | 1.99 | 0.086 | 1.19 | 0.2 | 3.5 | 0.09 | 0.08 | <5 | <0.1 | <0.02 | 6.9 | 1.80 | 0.1 |
| 2571090 | Drill Core | 0.187 | 7.1 | 157.7 | 1.73 | 73.0 | 0.121 | 1 | 2.01 | 0.080 | 1.29 | 0.1 | 2.4 | 0.13 | 0.25 | <5 | <0.1 | 0.07 | 7.3 | 1.03 | <0.1 |

Client: **Equity Exploration Consultants Ltd.**
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Project: TRX16-01
Report Date: September 30, 2016

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571061 | Drill Core | 0.03 | 0.06 | 48.0 | 0.2 | <0.05 | 1.1 | 5.53 | 11.3 | <0.02 | 121 | 0.2 | 27.1 | <10 | 5 |
| 2571062 | Drill Core | 0.03 | 0.05 | 58.7 | 0.9 | <0.05 | 0.8 | 5.54 | 12.6 | <0.02 | 22 | 0.2 | 23.8 | <10 | 3 |
| 2571063 | Drill Core | 0.03 | 0.05 | 47.3 | 1.1 | <0.05 | 0.9 | 5.81 | 12.5 | <0.02 | 9 | 0.2 | 25.6 | <10 | 4 |
| 2571064 | Drill Core | 0.08 | 0.07 | 57.6 | 0.2 | <0.05 | 1.8 | 6.36 | 13.5 | <0.02 | 11 | 0.3 | 21.5 | <10 | 3 |
| 2571065 | Core DUP | 0.08 | 0.07 | 53.6 | 0.3 | <0.05 | 1.6 | 5.79 | 11.6 | <0.02 | 10 | 0.4 | 20.0 | <10 | 5 |
| 2571066 | Drill Core | 0.06 | 0.06 | 35.8 | 0.2 | <0.05 | 1.4 | 5.22 | 11.3 | <0.02 | 5 | 0.2 | 23.4 | <10 | 4 |
| 2571067 | Drill Core | 0.02 | 0.04 | 34.0 | 0.2 | <0.05 | 0.7 | 4.88 | 9.9 | <0.02 | 9 | 0.2 | 23.8 | <10 | 3 |
| 2571068 | Drill Core | 0.02 | 0.05 | 23.6 | 0.2 | <0.05 | 0.8 | 4.45 | 9.4 | <0.02 | 1 | 0.1 | 21.5 | <10 | 4 |
| 2571069 | Drill Core | 0.02 | 0.04 | 36.4 | 0.2 | <0.05 | 0.7 | 5.77 | 11.7 | <0.02 | 3 | 0.2 | 24.8 | 11 | 3 |
| 2571070 | Rock Pulp | 0.11 | 0.10 | 33.7 | 1.2 | <0.05 | 3.4 | 8.62 | 37.9 | 0.10 | 45 | 0.4 | 5.0 | <10 | <2 |
| 2571071 | Drill Core | <0.02 | 0.05 | 43.1 | 0.2 | <0.05 | 0.9 | 5.58 | 12.1 | <0.02 | <1 | 0.2 | 26.9 | <10 | 4 |
| 2571072 | Drill Core | 0.04 | 0.05 | 45.1 | 0.2 | <0.05 | 0.9 | 5.99 | 12.7 | <0.02 | <1 | 0.2 | 27.4 | <10 | 4 |
| 2571073 | Drill Core | 0.03 | 0.05 | 48.2 | 0.2 | <0.05 | 0.8 | 6.18 | 13.3 | <0.02 | <1 | 0.2 | 26.7 | 12 | 3 |
| 2571074 | Drill Core | 0.04 | 0.06 | 48.9 | 0.2 | <0.05 | 1.2 | 5.33 | 14.0 | <0.02 | 9 | 0.2 | 24.6 | <10 | 4 |
| 2571075 | Drill Core | 0.08 | 0.06 | 45.4 | 0.3 | <0.05 | 1.6 | 6.58 | 15.2 | <0.02 | 4 | 0.4 | 24.9 | 12 | 3 |
| 2571076 | Drill Core | 0.05 | 0.05 | 33.8 | 0.2 | <0.05 | 1.3 | 4.84 | 10.6 | <0.02 | <1 | 0.3 | 19.8 | <10 | 3 |
| 2571077 | Drill Core | 0.11 | 0.06 | 55.6 | 0.3 | <0.05 | 2.6 | 6.39 | 13.5 | <0.02 | <1 | 0.5 | 35.9 | <10 | 3 |
| 2571078 | Drill Core | 0.11 | 0.06 | 40.3 | 0.2 | <0.05 | 2.3 | 5.72 | 10.8 | <0.02 | <1 | 0.4 | 27.5 | 16 | 4 |
| 2571079 | Drill Core | 0.10 | 0.08 | 35.1 | 0.2 | <0.05 | 2.1 | 5.91 | 13.1 | <0.02 | <1 | 0.3 | 19.5 | <10 | 3 |
| 2571080 | Drill Core | 0.10 | 0.08 | 3.5 | 0.3 | <0.05 | 2.9 | 5.88 | 13.1 | <0.02 | <1 | 0.3 | 13.8 | 10 | 4 |
| 2571081 | Drill Core | 0.10 | 0.10 | 28.9 | 0.2 | <0.05 | 2.2 | 5.86 | 14.0 | <0.02 | <1 | 0.2 | 22.7 | 10 | 4 |
| 2571082 | Drill Core | 0.10 | 0.08 | 21.5 | 0.2 | <0.05 | 2.3 | 5.40 | 13.0 | <0.02 | 4 | 0.2 | 21.2 | <10 | 3 |
| 2571083 | Drill Core | 0.06 | 0.05 | 26.6 | 0.2 | <0.05 | 1.4 | 4.97 | 12.2 | <0.02 | <1 | 0.2 | 32.1 | 12 | 5 |
| 2571084 | Drill Core | 0.11 | 0.07 | 26.6 | 0.2 | <0.05 | 2.1 | 5.35 | 12.7 | <0.02 | <1 | 0.2 | 25.9 | <10 | 4 |
| 2571085 | Drill Core | 0.11 | 0.07 | 24.7 | 0.2 | <0.05 | 2.2 | 5.40 | 12.0 | <0.02 | <1 | 0.3 | 25.8 | <10 | 3 |
| 2571086 | Drill Core | 0.13 | 0.07 | 34.4 | 0.3 | <0.05 | 2.4 | 6.25 | 13.2 | <0.02 | <1 | 0.4 | 37.6 | <10 | 5 |
| 2571087 | Drill Core | 0.12 | 0.06 | 31.2 | 0.2 | <0.05 | 2.1 | 6.31 | 13.6 | <0.02 | <1 | 0.4 | 27.7 | <10 | 4 |
| 2571088 | Drill Core | 0.07 | 0.08 | 22.3 | 0.1 | <0.05 | 1.7 | 5.24 | 11.6 | <0.02 | <1 | 0.2 | 19.6 | 11 | 6 |
| 2571089 | Drill Core | 0.08 | 0.05 | 41.0 | 0.2 | <0.05 | 1.7 | 5.41 | 9.3 | <0.02 | <1 | 0.4 | 21.0 | 11 | 3 |
| 2571090 | Drill Core | 0.03 | 0.07 | 37.3 | 0.2 | <0.05 | 1.3 | 6.00 | 14.2 | <0.02 | 1 | 0.2 | 28.4 | <10 | 4 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571091 | Drill Core | 2.47 | 1.06 | 121.94 | 6.24 | 76.6 | 95 | 50.2 | 22.7 | 575 | 3.50 | 5.4 | 0.6 | 0.8 | 1.6 | 100.1 | 0.23 | 0.23 | 0.04 | 111 | 3.19 |
| 2571092 | Drill Core | 2.41 | 54.73 | 145.17 | 4.40 | 50.3 | 102 | 58.3 | 23.6 | 488 | 3.51 | 1.1 | 0.5 | 0.6 | 1.6 | 116.3 | 0.07 | 0.19 | 0.02 | 112 | 1.81 |
| 2571093 | Drill Core | 2.11 | 5.12 | 145.68 | 4.90 | 58.7 | 113 | 67.9 | 27.0 | 820 | 4.15 | 8.3 | 0.7 | 1.4 | 1.9 | 291.5 | 0.09 | 0.78 | 0.03 | 144 | 3.22 |
| 2571094 | Drill Core | 2.07 | 0.95 | 167.09 | 4.09 | 59.8 | 100 | 78.1 | 31.6 | 837 | 4.82 | 25.3 | 0.7 | 2.7 | 2.1 | 243.5 | 0.07 | 0.70 | 0.04 | 205 | 3.38 |
| 2571095 | Drill Core | 2.20 | 0.73 | 163.60 | 6.15 | 60.7 | 95 | 77.8 | 31.0 | 1072 | 5.19 | 44.1 | 0.7 | 2.1 | 2.1 | 347.6 | 0.08 | 0.73 | 0.04 | 218 | 5.17 |
| 2571096 | Drill Core | 2.60 | 0.62 | 155.00 | 3.60 | 44.7 | 113 | 56.0 | 21.8 | 525 | 3.29 | 1.1 | 0.5 | 4.8 | 1.6 | 136.9 | 0.08 | 0.15 | 0.03 | 118 | 1.45 |
| 2571097 | Drill Core | 3.96 | 0.67 | 150.88 | 4.02 | 45.6 | 102 | 58.4 | 22.8 | 538 | 3.48 | 1.0 | 0.4 | 2.1 | 1.4 | 115.4 | 0.06 | 0.12 | 0.03 | 120 | 1.93 |
| 2571098 | Drill Core | 2.12 | 0.89 | 153.78 | 5.12 | 44.8 | 102 | 59.3 | 23.5 | 538 | 3.51 | 0.8 | 0.5 | 2.1 | 1.6 | 114.0 | 0.06 | 0.09 | 0.02 | 123 | 1.67 |
| 2571099 | Drill Core | 4.32 | 1.35 | 169.80 | 3.89 | 48.9 | 106 | 63.6 | 24.2 | 540 | 3.52 | 0.7 | 0.5 | 1.9 | 1.3 | 137.2 | 0.06 | 0.12 | <0.02 | 126 | 1.75 |
| 2571100 | Rock | 1.21 | 0.07 | 0.32 | 0.11 | <0.1 | <2 | <0.1 | 1.4 | 15 | 0.03 | 1.1 | 1.4 | 0.4 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 37.55 |
| 2571101 | Drill Core | 2.33 | 1.19 | 156.14 | 4.14 | 48.0 | 97 | 58.0 | 23.0 | 563 | 3.45 | 2.2 | 0.5 | 0.8 | 1.2 | 136.8 | 0.06 | 0.16 | <0.02 | 124 | 2.12 |
| 2571102 | Drill Core | 4.64 | 0.25 | 130.16 | 7.56 | 42.3 | 96 | 58.5 | 22.1 | 817 | 3.44 | 6.9 | 0.8 | 1.8 | 1.5 | 282.2 | 0.09 | 0.35 | <0.02 | 125 | 9.03 |
| 2571103 | Drill Core | 2.33 | 0.33 | 140.08 | 7.27 | 48.9 | 117 | 44.0 | 19.5 | 915 | 3.48 | 5.6 | 0.8 | <0.2 | 1.6 | 371.4 | 0.11 | 0.34 | 0.03 | 133 | 8.95 |
| 2571104 | Drill Core | 4.03 | 0.44 | 164.72 | 4.54 | 50.0 | 102 | 52.5 | 22.2 | 748 | 3.43 | 14.5 | 0.6 | 1.7 | 1.5 | 258.3 | 0.07 | 0.70 | <0.02 | 144 | 6.72 |
| 2571105 | Core DUP | | 0.37 | 165.67 | 4.62 | 49.6 | 100 | 52.7 | 22.1 | 741 | 3.47 | 15.2 | 0.6 | 1.1 | 1.4 | 267.3 | 0.08 | 0.66 | <0.02 | 142 | 6.91 |
| 2571106 | Drill Core | 3.98 | 0.94 | 164.57 | 6.05 | 50.5 | 116 | 62.1 | 25.5 | 675 | 3.56 | 4.9 | 0.7 | 0.4 | 1.5 | 263.4 | 0.08 | 0.35 | <0.02 | 127 | 5.12 |
| 2571107 | Drill Core | 2.03 | 0.50 | 154.68 | 6.93 | 54.6 | 98 | 64.8 | 25.1 | 535 | 3.61 | 1.5 | 0.5 | 0.9 | 1.5 | 115.1 | 0.06 | 0.12 | 0.04 | 115 | 2.03 |
| 2571108 | Drill Core | 2.50 | 1.39 | 160.30 | 5.09 | 49.5 | 109 | 62.0 | 23.6 | 548 | 3.68 | 1.2 | 0.6 | 0.8 | 1.6 | 160.4 | 0.06 | 0.28 | 0.04 | 140 | 2.72 |
| 2571109 | Drill Core | 1.84 | 0.34 | 107.25 | 7.06 | 41.3 | 92 | 46.1 | 20.4 | 453 | 2.85 | 2.1 | 0.5 | 0.9 | 1.5 | 291.5 | 0.08 | 0.48 | 0.03 | 112 | 4.07 |
| 2571110 | Rock Pulp | 0.10 | 238.04 | 2634.56 | 49.39 | 296.0 | 3369 | 9.9 | 20.4 | 208 | 3.34 | 27.2 | 5.7 | 254.5 | 11.5 | 45.7 | 2.17 | 6.56 | 4.02 | 43 | 0.92 |
| 2571111 | Drill Core | 1.81 | 0.31 | 188.58 | 4.95 | 54.1 | 135 | 67.5 | 26.2 | 642 | 3.98 | 2.5 | 0.7 | 2.1 | 1.9 | 138.2 | 0.08 | 0.22 | 0.04 | 145 | 3.86 |
| 2571112 | Drill Core | 1.87 | 0.96 | 149.94 | 6.95 | 36.8 | 115 | 47.6 | 16.8 | 557 | 3.05 | 2.0 | 0.5 | 1.1 | 1.2 | 293.0 | 0.09 | 0.63 | 0.05 | 108 | 7.70 |
| 2571113 | Drill Core | 4.24 | 5.34 | 150.93 | 5.19 | 52.1 | 119 | 56.4 | 24.4 | 612 | 3.55 | 10.7 | 0.8 | 2.9 | 1.8 | 208.8 | 0.08 | 0.45 | 0.04 | 136 | 3.44 |
| 2571114 | Drill Core | 2.88 | 2.80 | 152.02 | 4.77 | 52.9 | 113 | 64.8 | 24.7 | 637 | 3.80 | 4.4 | 0.6 | 2.5 | 1.8 | 154.9 | 0.06 | 0.30 | 0.04 | 147 | 2.88 |
| 2571115 | Drill Core | 3.12 | 0.72 | 149.40 | 5.04 | 56.6 | 123 | 64.8 | 25.7 | 539 | 3.74 | 1.2 | 0.7 | 1.8 | 1.8 | 132.2 | 0.07 | 0.14 | 0.05 | 137 | 2.61 |
| 2571116 | Drill Core | 4.31 | 1.47 | 164.60 | 4.84 | 59.9 | 132 | 70.7 | 27.7 | 607 | 4.11 | 3.8 | 0.6 | 1.3 | 1.8 | 175.6 | 0.08 | 4.98 | 0.07 | 140 | 3.31 |
| 2571117 | Drill Core | 1.29 | 1.30 | 197.33 | 8.43 | 62.4 | 136 | 72.1 | 31.4 | 864 | 5.21 | 41.2 | 0.6 | 13.5 | 1.8 | 503.7 | 0.15 | 35.11 | 0.05 | 185 | 6.97 |
| 2571118 | Drill Core | 2.54 | 6.22 | 147.00 | 8.93 | 55.2 | 143 | 57.9 | 26.1 | 1088 | 4.21 | 55.5 | 0.4 | 20.1 | 1.3 | 676.8 | 0.13 | 41.55 | 0.04 | 93 | 10.05 |
| 2571119 | Drill Core | 2.23 | 27.41 | 55.06 | 7.01 | 43.8 | 79 | 40.3 | 19.7 | 1080 | 3.71 | 31.1 | 0.3 | 12.2 | 1.2 | 667.2 | 0.09 | 27.20 | 0.03 | 76 | 10.29 |
| 2571120 | Drill Core | 2.34 | 12.03 | 95.88 | 8.42 | 43.8 | 127 | 42.3 | 19.7 | 1148 | 4.23 | 32.1 | 0.3 | 19.0 | 1.1 | 705.1 | 0.09 | 21.62 | 0.05 | 83 | 10.30 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571091 | Drill Core | 0.174 | 6.2 | 124.3 | 1.71 | 87.6 | 0.133 | 33 | 2.01 | 0.089 | 0.70 | 0.2 | 4.1 | 0.07 | 0.18 | 7 | <0.1 | 0.04 | 8.0 | 0.64 | 0.1 |
| 2571092 | Drill Core | 0.195 | 6.5 | 167.4 | 1.80 | 69.6 | 0.134 | 2 | 2.17 | 0.074 | 1.40 | 0.2 | 3.1 | 0.16 | 0.16 | <5 | <0.1 | 0.05 | 7.5 | 1.72 | <0.1 |
| 2571093 | Drill Core | 0.207 | 8.3 | 187.1 | 2.77 | 36.1 | 0.132 | 2 | 2.45 | 0.084 | 0.58 | 0.2 | 9.5 | 0.16 | 0.23 | 8 | <0.1 | 0.07 | 9.0 | 4.31 | <0.1 |
| 2571094 | Drill Core | 0.240 | 10.0 | 222.7 | 3.14 | 72.4 | 0.164 | 2 | 3.16 | 0.072 | 1.50 | 0.1 | 15.4 | 0.12 | 0.08 | <5 | <0.1 | 0.03 | 9.7 | 2.17 | 0.1 |
| 2571095 | Drill Core | 0.231 | 10.0 | 231.8 | 3.45 | 90.1 | 0.139 | 2 | 3.35 | 0.074 | 1.13 | 0.1 | 18.0 | 0.09 | 0.11 | <5 | <0.1 | 0.04 | 11.1 | 1.91 | 0.1 |
| 2571096 | Drill Core | 0.217 | 6.8 | 149.8 | 2.18 | 68.4 | 0.139 | 2 | 2.23 | 0.078 | 1.30 | 0.1 | 3.8 | 0.13 | 0.10 | <5 | <0.1 | 0.04 | 7.0 | 2.18 | 0.1 |
| 2571097 | Drill Core | 0.211 | 6.7 | 160.7 | 2.12 | 61.6 | 0.143 | 2 | 2.34 | 0.066 | 1.23 | 0.1 | 3.4 | 0.10 | 0.14 | <5 | <0.1 | 0.02 | 7.1 | 1.30 | <0.1 |
| 2571098 | Drill Core | 0.221 | 6.9 | 167.3 | 2.16 | 61.8 | 0.147 | 2 | 2.43 | 0.063 | 1.38 | 0.1 | 3.3 | 0.12 | 0.10 | <5 | <0.1 | 0.04 | 7.1 | 1.56 | <0.1 |
| 2571099 | Drill Core | 0.238 | 5.5 | 159.4 | 2.12 | 72.1 | 0.157 | 3 | 2.53 | 0.079 | 1.52 | 0.2 | 3.5 | 0.14 | 0.06 | <5 | <0.1 | 0.03 | 7.2 | 2.12 | 0.1 |
| 2571100 | Rock | 0.003 | <0.5 | 0.6 | 1.43 | 6.3 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.03 | <5 | 0.6 | 0.17 | <0.1 | <0.02 | <0.1 |
| 2571101 | Drill Core | 0.217 | 4.8 | 177.6 | 2.08 | 64.3 | 0.147 | 2 | 2.38 | 0.075 | 1.29 | 0.3 | 3.9 | 0.09 | 0.07 | <5 | <0.1 | <0.02 | 7.0 | 1.58 | 0.1 |
| 2571102 | Drill Core | 0.204 | 5.2 | 141.9 | 1.59 | 32.7 | 0.093 | 2 | 1.85 | 0.073 | 0.25 | 0.4 | 6.8 | 0.03 | 0.36 | <5 | 0.1 | 0.05 | 7.0 | 0.34 | <0.1 |
| 2571103 | Drill Core | 0.203 | 6.0 | 139.5 | 1.66 | 54.8 | 0.116 | 2 | 1.91 | 0.052 | 0.59 | 0.5 | 6.5 | 0.09 | 0.46 | <5 | 0.2 | 0.06 | 7.1 | 0.83 | 0.1 |
| 2571104 | Drill Core | 0.222 | 4.9 | 149.9 | 1.63 | 76.3 | 0.124 | 2 | 1.99 | 0.081 | 0.83 | 0.3 | 8.1 | 0.09 | 0.09 | <5 | <0.1 | 0.02 | 6.8 | 0.98 | 0.1 |
| 2571105 | Core DUP | 0.222 | 4.9 | 155.5 | 1.65 | 81.7 | 0.117 | 2 | 1.99 | 0.093 | 0.85 | 0.3 | 8.6 | 0.08 | 0.09 | <5 | 0.1 | 0.02 | 6.3 | 1.00 | 0.1 |
| 2571106 | Drill Core | 0.229 | 5.2 | 160.3 | 1.83 | 133.8 | 0.130 | 2 | 2.12 | 0.117 | 0.65 | 0.3 | 6.5 | 0.05 | 0.14 | <5 | <0.1 | <0.02 | 6.8 | 0.66 | 0.2 |
| 2571107 | Drill Core | 0.227 | 5.3 | 191.3 | 2.29 | 82.6 | 0.112 | 2 | 2.44 | 0.062 | 0.61 | 0.2 | 3.8 | 0.05 | 0.18 | <5 | <0.1 | 0.03 | 7.8 | 0.68 | 0.1 |
| 2571108 | Drill Core | 0.219 | 5.5 | 165.3 | 1.82 | 207.7 | 0.203 | 2 | 2.27 | 0.118 | 1.58 | 0.2 | 5.0 | 0.15 | 0.19 | <5 | <0.1 | 0.04 | 6.7 | 1.78 | 0.2 |
| 2571109 | Drill Core | 0.228 | 4.3 | 119.2 | 1.13 | 69.3 | 0.127 | 4 | 1.60 | 0.106 | 0.47 | 0.4 | 4.6 | 0.06 | 0.27 | <5 | <0.1 | 0.04 | 5.5 | 0.60 | 0.2 |
| 2571110 | Rock Pulp | 0.050 | 20.8 | 66.6 | 0.67 | 60.0 | 0.039 | 2 | 1.28 | 0.032 | 0.55 | 3.9 | 5.6 | 0.41 | 2.00 | 76 | 3.0 | 0.35 | 3.8 | 2.37 | <0.1 |
| 2571111 | Drill Core | 0.209 | 6.5 | 169.7 | 1.67 | 338.8 | 0.202 | 1 | 2.15 | 0.110 | 1.48 | 0.3 | 4.0 | 0.14 | 0.22 | <5 | <0.1 | 0.03 | 6.4 | 1.41 | 0.2 |
| 2571112 | Drill Core | 0.183 | 3.4 | 83.9 | 1.06 | 71.1 | 0.097 | 3 | 1.60 | 0.126 | 0.55 | 0.3 | 3.3 | 0.08 | 0.38 | 6 | <0.1 | 0.06 | 5.7 | 0.67 | 0.3 |
| 2571113 | Drill Core | 0.198 | 5.8 | 160.1 | 1.79 | 161.5 | 0.177 | 2 | 2.17 | 0.128 | 1.44 | 0.4 | 5.3 | 0.21 | 0.31 | <5 | <0.1 | 0.06 | 6.9 | 1.61 | 0.2 |
| 2571114 | Drill Core | 0.218 | 6.1 | 198.1 | 2.08 | 185.1 | 0.197 | 1 | 2.46 | 0.120 | 1.74 | 0.3 | 5.0 | 0.21 | 0.17 | <5 | <0.1 | 0.04 | 7.7 | 1.72 | 0.1 |
| 2571115 | Drill Core | 0.216 | 6.0 | 180.2 | 1.78 | 183.8 | 0.196 | 1 | 2.26 | 0.125 | 1.51 | 0.4 | 3.5 | 0.23 | 0.36 | <5 | <0.1 | 0.06 | 6.9 | 1.55 | 0.1 |
| 2571116 | Drill Core | 0.219 | 6.1 | 186.1 | 1.96 | 132.4 | 0.161 | 2 | 2.11 | 0.113 | 1.11 | 0.4 | 6.9 | 0.23 | 0.60 | <5 | 0.1 | 0.09 | 6.9 | 2.27 | 0.2 |
| 2571117 | Drill Core | 0.184 | 5.8 | 192.7 | 2.23 | 128.5 | 0.097 | 2 | 2.26 | 0.089 | 0.77 | 0.4 | 16.6 | 0.23 | 0.81 | 13 | 0.2 | 0.06 | 8.5 | 3.62 | 0.2 |
| 2571118 | Drill Core | 0.161 | 4.9 | 66.6 | 2.29 | 24.4 | 0.009 | 2 | 0.45 | 0.056 | 0.17 | 0.3 | 13.6 | 0.05 | 0.82 | 21 | 0.3 | 0.06 | 1.6 | 0.38 | <0.1 |
| 2571119 | Drill Core | 0.218 | 5.3 | 62.4 | 2.32 | 20.4 | 0.002 | 1 | 0.32 | 0.072 | 0.14 | 0.2 | 11.7 | 0.03 | 0.36 | 12 | 0.2 | 0.05 | 0.8 | 0.07 | <0.1 |
| 2571120 | Drill Core | 0.164 | 4.6 | 60.1 | 2.86 | 13.6 | 0.002 | 2 | 0.18 | 0.038 | 0.11 | 0.3 | 12.0 | 0.02 | 0.62 | 15 | 0.3 | 0.06 | 0.5 | 0.10 | <0.1 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571091 | Drill Core | 0.10 | 0.08 | 16.8 | 0.4 | <0.05 | 2.9 | 5.74 | 12.4 | <0.02 | 1 | 0.3 | 25.9 | <10 | 3 |
| 2571092 | Drill Core | 0.04 | 0.08 | 44.6 | 0.2 | <0.05 | 1.2 | 5.97 | 12.9 | <0.02 | 252 | 0.3 | 31.0 | <10 | 4 |
| 2571093 | Drill Core | 0.16 | 0.09 | 20.9 | 0.3 | <0.05 | 3.5 | 7.47 | 16.6 | <0.02 | 18 | 0.8 | 45.0 | 12 | 3 |
| 2571094 | Drill Core | 0.16 | 0.08 | 43.4 | 0.3 | <0.05 | 3.5 | 8.18 | 19.8 | 0.03 | 1 | 0.9 | 53.0 | <10 | 5 |
| 2571095 | Drill Core | 0.15 | 0.08 | 28.7 | 0.5 | <0.05 | 2.7 | 9.28 | 19.7 | 0.02 | <1 | 1.1 | 66.3 | <10 | 7 |
| 2571096 | Drill Core | 0.11 | 0.07 | 39.2 | 0.2 | <0.05 | 1.6 | 6.29 | 14.0 | <0.02 | <1 | 0.3 | 27.2 | 12 | 4 |
| 2571097 | Drill Core | 0.09 | 0.09 | 33.7 | 0.2 | <0.05 | 1.7 | 6.05 | 13.0 | <0.02 | <1 | 0.3 | 27.8 | 15 | 4 |
| 2571098 | Drill Core | 0.09 | 0.06 | 39.6 | 0.2 | <0.05 | 1.7 | 6.20 | 13.6 | <0.02 | <1 | 0.3 | 34.6 | 13 | 4 |
| 2571099 | Drill Core | 0.08 | 0.11 | 51.2 | 0.2 | <0.05 | 1.4 | 6.26 | 11.0 | <0.02 | <1 | 0.4 | 32.1 | 10 | 4 |
| 2571100 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.19 | 0.1 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |
| 2571101 | Drill Core | 0.08 | 0.08 | 38.4 | 0.2 | <0.05 | 1.3 | 5.82 | 10.0 | <0.02 | <1 | 0.4 | 30.2 | <10 | 4 |
| 2571102 | Drill Core | 0.09 | 0.08 | 6.8 | 0.2 | <0.05 | 2.7 | 5.49 | 10.2 | <0.02 | <1 | 0.4 | 20.8 | <10 | 4 |
| 2571103 | Drill Core | 0.12 | 0.05 | 19.8 | 0.2 | <0.05 | 2.9 | 6.23 | 12.2 | <0.02 | <1 | 0.6 | 22.4 | <10 | 3 |
| 2571104 | Drill Core | 0.11 | 0.05 | 27.4 | 0.2 | <0.05 | 2.2 | 5.39 | 9.7 | <0.02 | <1 | 0.6 | 31.2 | 14 | 4 |
| 2571105 | Core DUP | 0.10 | 0.07 | 27.7 | 0.2 | <0.05 | 2.4 | 5.36 | 9.8 | <0.02 | <1 | 0.5 | 31.8 | <10 | 4 |
| 2571106 | Drill Core | 0.13 | 0.11 | 14.8 | 0.2 | <0.05 | 2.8 | 5.47 | 10.1 | <0.02 | <1 | 0.4 | 25.9 | 16 | 4 |
| 2571107 | Drill Core | 0.08 | 0.09 | 13.9 | 0.2 | <0.05 | 2.2 | 5.81 | 10.7 | <0.02 | <1 | 0.3 | 36.0 | 13 | 5 |
| 2571108 | Drill Core | 0.09 | 0.16 | 38.8 | 0.3 | <0.05 | 2.5 | 5.88 | 11.0 | <0.02 | 2 | 0.3 | 28.0 | <10 | 4 |
| 2571109 | Drill Core | 0.17 | 0.14 | 12.9 | 0.2 | <0.05 | 4.9 | 4.56 | 8.6 | <0.02 | <1 | 0.4 | 13.7 | 12 | 4 |
| 2571110 | Rock Pulp | 0.11 | 0.07 | 34.4 | 1.2 | <0.05 | 3.5 | 8.53 | 38.9 | 0.09 | 45 | 0.4 | 5.7 | <10 | <2 |
| 2571111 | Drill Core | 0.11 | 0.10 | 31.2 | 0.2 | <0.05 | 2.4 | 6.13 | 12.8 | <0.02 | <1 | 0.2 | 21.9 | <10 | 4 |
| 2571112 | Drill Core | 0.12 | 0.09 | 14.4 | 0.2 | <0.05 | 3.0 | 3.70 | 6.9 | <0.02 | 1 | 0.3 | 16.3 | <10 | <2 |
| 2571113 | Drill Core | 0.11 | 0.15 | 40.5 | 0.3 | <0.05 | 2.9 | 5.78 | 11.6 | <0.02 | 25 | 0.3 | 21.9 | 11 | 5 |
| 2571114 | Drill Core | 0.09 | 0.09 | 40.7 | 0.3 | <0.05 | 2.1 | 6.11 | 12.1 | <0.02 | 10 | 0.3 | 26.4 | 14 | 5 |
| 2571115 | Drill Core | 0.13 | 0.09 | 41.5 | 0.3 | <0.05 | 2.4 | 6.05 | 11.6 | <0.02 | 4 | 0.2 | 26.0 | <10 | 4 |
| 2571116 | Drill Core | 0.13 | 0.10 | 36.9 | 0.3 | <0.05 | 3.0 | 6.23 | 12.3 | <0.02 | 6 | 0.4 | 23.3 | 13 | 6 |
| 2571117 | Drill Core | 0.13 | 0.07 | 30.9 | 0.3 | <0.05 | 2.7 | 7.12 | 11.8 | 0.03 | 1 | 0.9 | 14.2 | <10 | 3 |
| 2571118 | Drill Core | 0.06 | <0.02 | 5.6 | <0.1 | <0.05 | 1.9 | 7.39 | 10.6 | 0.03 | 3 | 0.4 | 2.2 | <10 | 4 |
| 2571119 | Drill Core | 0.06 | <0.02 | 2.5 | <0.1 | <0.05 | 1.7 | 8.76 | 11.9 | <0.02 | 88 | 0.4 | 1.1 | <10 | 2 |
| 2571120 | Drill Core | 0.05 | <0.02 | 2.7 | <0.1 | <0.05 | 1.5 | 7.54 | 10.1 | <0.02 | <1 | 0.3 | 0.8 | <10 | <2 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571121 | Drill Core | 2.82 | 0.55 | 159.70 | 7.31 | 60.1 | 156 | 67.3 | 31.2 | 933 | 4.50 | 41.9 | 0.4 | 20.5 | 1.5 | 590.8 | 0.12 | 33.76 | 0.06 | 84 | 7.08 |
| 2571122 | Drill Core | 4.00 | 0.82 | 127.98 | 5.14 | 69.7 | 93 | 71.8 | 30.1 | 865 | 4.58 | 271.7 | 0.6 | 5.7 | 1.9 | 241.4 | 0.10 | 6.51 | 0.05 | 176 | 3.69 |
| 2571123 | Drill Core | 3.08 | 3.93 | 144.45 | 6.27 | 68.5 | 138 | 65.0 | 27.1 | 686 | 4.07 | 36.8 | 0.5 | 1.3 | 1.7 | 241.5 | 0.09 | 1.76 | 0.06 | 150 | 4.86 |
| 2571124 | Drill Core | 0.60 | 15.81 | 115.69 | 17.61 | 117.2 | 149 | 72.6 | 29.4 | 1035 | 4.95 | 527.5 | 0.3 | 5.1 | 1.4 | 428.9 | 0.60 | 11.46 | 0.05 | 154 | 6.09 |
| 2571125 | Drill Core | 0.58 | 29.92 | 113.41 | 13.64 | 95.7 | 128 | 72.6 | 30.0 | 981 | 4.72 | 327.9 | 0.3 | 3.3 | 1.4 | 415.8 | 0.38 | 13.82 | 0.05 | 147 | 5.72 |
| 2571126 | Drill Core | 2.20 | 8.04 | 139.89 | 5.80 | 86.5 | 122 | 75.5 | 30.6 | 973 | 4.88 | 6.3 | 0.4 | <0.2 | 1.8 | 223.8 | 0.08 | 3.44 | 0.06 | 195 | 3.62 |
| 2571127 | Drill Core | 2.44 | 9.41 | 202.62 | 7.16 | 49.7 | 178 | 57.5 | 23.7 | 515 | 3.45 | 101.1 | 0.5 | 2.2 | 1.6 | 231.1 | 0.10 | 1.71 | 0.09 | 84 | 4.10 |
| 2571128 | Drill Core | 1.67 | 1.67 | 129.41 | 5.35 | 49.8 | 155 | 27.7 | 13.7 | 466 | 3.30 | 9.4 | 1.1 | 1.2 | 5.0 | 132.5 | 0.06 | 1.24 | 0.07 | 72 | 2.31 |
| 2571129 | Drill Core | 2.48 | 3.71 | 88.72 | 4.63 | 44.0 | 124 | 22.6 | 11.3 | 468 | 2.83 | 9.4 | 1.0 | 2.0 | 5.0 | 137.9 | 0.06 | 1.50 | 0.08 | 59 | 2.53 |
| 2571130 | Drill Core | 2.26 | 2.56 | 62.01 | 6.68 | 35.7 | 163 | 4.0 | 4.3 | 433 | 2.47 | 6.0 | 1.3 | 2.7 | 6.3 | 95.2 | 0.04 | 1.37 | 0.07 | 28 | 1.51 |
| 2571131 | Drill Core | 1.77 | 1.84 | 61.34 | 7.67 | 39.4 | 129 | 4.6 | 4.8 | 485 | 2.67 | 35.2 | 1.4 | 4.0 | 6.7 | 117.5 | 0.05 | 2.56 | 0.09 | 27 | 1.70 |
| 2571132 | Drill Core | 4.08 | 2.82 | 131.04 | 4.84 | 52.4 | 114 | 56.4 | 23.7 | 750 | 3.54 | 23.4 | 0.5 | 1.6 | 1.6 | 241.2 | 0.08 | 1.23 | 0.05 | 111 | 7.19 |
| 2571133 | Drill Core | 1.94 | 0.77 | 159.59 | 29.12 | 82.7 | 155 | 45.7 | 23.4 | 689 | 3.03 | 120.0 | 0.6 | 0.4 | 1.6 | 233.9 | 0.44 | 4.10 | 0.06 | 77 | 6.53 |
| 2571134 | Drill Core | 2.35 | 0.37 | 22.02 | 8.53 | 56.0 | 48 | 5.2 | 4.5 | 555 | 2.48 | 328.4 | 1.4 | 2.6 | 7.5 | 116.4 | 0.09 | 2.42 | 0.04 | 27 | 1.65 |
| 2571135 | Drill Core | 1.99 | 0.37 | 57.06 | 10.83 | 70.1 | 92 | 14.5 | 8.6 | 664 | 2.89 | 862.9 | 1.3 | 6.1 | 7.1 | 178.6 | 0.22 | 8.22 | 0.06 | 39 | 3.40 |
| 2571136 | Drill Core | 1.46 | 4.83 | 155.06 | 5.92 | 78.3 | 132 | 70.4 | 30.3 | 767 | 4.50 | 8.7 | 0.4 | 0.6 | 1.8 | 231.8 | 0.08 | 1.18 | 0.06 | 129 | 5.35 |
| 2571137 | Drill Core | 4.17 | 0.41 | 89.61 | 8.17 | 82.4 | 290 | 14.5 | 8.6 | 591 | 2.51 | 716.4 | 1.4 | 10.1 | 5.9 | 167.5 | 0.38 | 5.20 | 0.04 | 41 | 3.41 |
| 2571138 | Drill Core | 2.61 | 0.84 | 48.58 | 7.80 | 108.9 | 56 | 19.9 | 9.4 | 677 | 2.51 | 77.0 | 1.0 | 2.5 | 4.4 | 249.6 | 0.59 | 2.20 | 0.04 | 40 | 5.18 |
| 2571139 | Drill Core | 4.27 | 0.32 | 28.86 | 7.59 | 62.5 | 57 | 4.2 | 4.5 | 513 | 2.39 | 43.1 | 1.6 | 0.9 | 7.3 | 118.1 | 0.07 | 2.48 | 0.04 | 25 | 1.36 |
| 2571140 | Rock | 1.37 | 0.05 | 0.10 | 0.06 | <0.1 | <2 | 0.3 | 1.0 | 12 | 0.02 | 0.2 | 1.2 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 34.69 |
| 2571141 | Drill Core | 1.82 | 0.33 | 15.70 | 7.40 | 82.4 | 33 | 4.2 | 4.4 | 577 | 2.59 | 223.3 | 1.6 | 0.6 | 7.3 | 116.0 | 0.14 | 1.68 | 0.03 | 25 | 1.48 |
| 2571142 | Drill Core | 1.80 | 0.31 | 20.37 | 6.78 | 61.4 | 32 | 5.9 | 4.7 | 507 | 2.32 | 1185.6 | 1.5 | 5.5 | 6.7 | 141.6 | 0.19 | 2.83 | 0.04 | 21 | 1.91 |
| 2571143 | Drill Core | 2.28 | 0.33 | 12.39 | 6.60 | 66.0 | 20 | 4.1 | 4.0 | 572 | 2.42 | 31.7 | 1.7 | 1.0 | 7.5 | 100.7 | 0.07 | 2.77 | 0.03 | 23 | 1.81 |
| 2571144 | Drill Core | 2.35 | 0.19 | 8.75 | 7.22 | 74.0 | 27 | 3.6 | 4.2 | 532 | 2.50 | 92.7 | 1.6 | 1.2 | 7.5 | 86.8 | 0.06 | 1.49 | 0.03 | 26 | 1.40 |
| 2571145 | Core DUP | | 0.19 | 8.51 | 7.37 | 75.7 | 25 | 3.8 | 4.2 | 518 | 2.50 | 93.0 | 1.7 | 0.9 | 7.7 | 82.4 | 0.06 | 1.50 | 0.03 | 26 | 1.37 |
| 2571146 | Drill Core | 1.86 | 0.27 | 19.72 | 6.63 | 58.5 | 28 | 4.2 | 4.7 | 498 | 2.48 | 27.9 | 1.6 | 0.8 | 7.7 | 84.0 | 0.04 | 2.84 | 0.04 | 25 | 1.59 |
| 2571147 | Drill Core | 2.70 | 0.20 | 9.51 | 5.93 | 68.7 | 16 | 4.2 | 3.9 | 511 | 2.42 | 0.7 | 1.4 | 1.0 | 7.4 | 84.4 | 0.05 | 0.60 | 0.02 | 27 | 0.85 |
| 2571148 | Drill Core | 2.49 | 0.21 | 16.44 | 5.11 | 77.3 | 20 | 4.4 | 3.8 | 476 | 2.55 | 0.8 | 1.5 | <0.2 | 7.9 | 71.9 | 0.11 | 0.50 | <0.02 | 27 | 0.86 |
| 2571149 | Drill Core | 2.28 | 0.21 | 30.62 | 3.93 | 98.6 | 28 | 4.8 | 5.0 | 504 | 2.94 | 0.6 | 1.7 | <0.2 | 8.4 | 103.8 | 0.22 | 0.93 | <0.02 | 30 | 1.77 |
| 2571150 | Rock Pulp | 0.08 | 245.05 | 4567.62 | 4.03 | 49.6 | 675 | 32.7 | 11.5 | 463 | 3.57 | 5.7 | 0.3 | 509.2 | 0.8 | 37.8 | 0.24 | 0.69 | 0.10 | 60 | 0.85 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571121 | Drill Core | 0.186 | 4.8 | 68.1 | 2.17 | 28.1 | 0.010 | 3 | 0.50 | 0.064 | 0.20 | 0.4 | 14.0 | 0.06 | 0.90 | 17 | 0.2 | 0.06 | 1.7 | 0.46 | <0.1 |
| 2571122 | Drill Core | 0.218 | 7.0 | 204.6 | 3.01 | 147.7 | 0.179 | 2 | 2.98 | 0.093 | 1.81 | 0.2 | 10.9 | 0.46 | 0.26 | 7 | <0.1 | 0.04 | 9.3 | 4.39 | 0.2 |
| 2571123 | Drill Core | 0.224 | 5.3 | 188.5 | 2.12 | 124.8 | 0.161 | 2 | 2.32 | 0.095 | 1.14 | 0.4 | 7.2 | 0.31 | 0.61 | 9 | 0.1 | 0.09 | 7.4 | 2.74 | 0.2 |
| 2571124 | Drill Core | 0.191 | 5.6 | 146.2 | 2.92 | 35.3 | 0.020 | 3 | 2.68 | 0.034 | 0.26 | 0.1 | 14.2 | 0.07 | 0.32 | 18 | 0.2 | 0.08 | 8.5 | 1.02 | <0.1 |
| 2571125 | Drill Core | 0.190 | 5.8 | 135.6 | 2.94 | 32.5 | 0.021 | 3 | 2.60 | 0.029 | 0.30 | 0.1 | 13.8 | 0.09 | 0.30 | 12 | 0.2 | 0.08 | 7.7 | 1.13 | <0.1 |
| 2571126 | Drill Core | 0.209 | 6.9 | 199.2 | 3.41 | 101.2 | 0.179 | 2 | 3.26 | 0.084 | 1.74 | 0.2 | 13.5 | 0.63 | 0.60 | <5 | 0.2 | 0.11 | 9.7 | 5.24 | 0.3 |
| 2571127 | Drill Core | 0.202 | 5.7 | 87.3 | 1.28 | 57.2 | 0.106 | 2 | 1.50 | 0.125 | 0.46 | 0.7 | 5.2 | 0.17 | 1.04 | <5 | 0.6 | 0.16 | 5.0 | 0.96 | 0.1 |
| 2571128 | Drill Core | 0.108 | 13.8 | 58.3 | 1.05 | 41.7 | 0.094 | <1 | 1.46 | 0.107 | 0.40 | 0.3 | 7.3 | 0.16 | 0.95 | 6 | 0.4 | 0.13 | 6.3 | 1.22 | <0.1 |
| 2571129 | Drill Core | 0.103 | 12.3 | 46.5 | 0.84 | 37.2 | 0.099 | 1 | 1.42 | 0.147 | 0.43 | 0.4 | 6.4 | 0.14 | 0.84 | <5 | 0.4 | 0.12 | 6.4 | 0.83 | 0.1 |
| 2571130 | Drill Core | 0.061 | 16.1 | 5.7 | 0.71 | 21.5 | 0.067 | <1 | 1.22 | 0.078 | 0.27 | 0.1 | 4.5 | 0.11 | 0.61 | <5 | 0.1 | 0.10 | 6.3 | 0.94 | <0.1 |
| 2571131 | Drill Core | 0.066 | 17.9 | 7.3 | 0.72 | 22.8 | 0.051 | 1 | 1.26 | 0.079 | 0.24 | 0.1 | 4.0 | 0.13 | 0.64 | 7 | 0.1 | 0.09 | 6.9 | 1.32 | <0.1 |
| 2571132 | Drill Core | 0.188 | 6.4 | 123.1 | 1.44 | 50.4 | 0.101 | 1 | 1.84 | 0.102 | 0.49 | 0.7 | 8.0 | 0.19 | 0.48 | <5 | 0.2 | 0.09 | 6.6 | 1.16 | 0.1 |
| 2571133 | Drill Core | 0.208 | 5.6 | 99.8 | 0.92 | 33.8 | 0.079 | 3 | 1.34 | 0.078 | 0.15 | 1.0 | 5.3 | 0.05 | 0.66 | <5 | 0.3 | 0.09 | 4.8 | 0.43 | 0.1 |
| 2571134 | Drill Core | 0.069 | 18.9 | 9.1 | 0.58 | 39.5 | 0.052 | 2 | 1.28 | 0.087 | 0.35 | 0.2 | 3.7 | 0.15 | 0.23 | <5 | <0.1 | 0.05 | 6.9 | 1.00 | <0.1 |
| 2571135 | Drill Core | 0.085 | 15.8 | 29.6 | 0.86 | 30.4 | 0.034 | 2 | 1.38 | 0.072 | 0.26 | 0.1 | 4.2 | 0.10 | 0.52 | 7 | 0.2 | 0.08 | 6.2 | 1.60 | <0.1 |
| 2571136 | Drill Core | 0.200 | 6.4 | 150.4 | 2.08 | 73.1 | 0.129 | <1 | 2.35 | 0.119 | 0.81 | 0.5 | 8.7 | 0.30 | 0.41 | <5 | 0.2 | 0.11 | 8.9 | 1.71 | 0.1 |
| 2571137 | Drill Core | 0.101 | 15.6 | 34.3 | 0.72 | 23.1 | 0.031 | 2 | 1.23 | 0.069 | 0.20 | 0.3 | 3.9 | 0.08 | 0.29 | 7 | 0.2 | 0.06 | 5.4 | 1.25 | <0.1 |
| 2571138 | Drill Core | 0.087 | 11.1 | 28.5 | 0.75 | 20.8 | 0.027 | 2 | 1.12 | 0.054 | 0.19 | 0.3 | 3.9 | 0.06 | 0.33 | 10 | 0.1 | 0.05 | 4.9 | 0.57 | <0.1 |
| 2571139 | Drill Core | 0.067 | 19.0 | 5.8 | 0.52 | 37.0 | 0.074 | 2 | 1.34 | 0.110 | 0.35 | 0.2 | 3.1 | 0.17 | 0.34 | <5 | <0.1 | 0.06 | 6.7 | 0.94 | <0.1 |
| 2571140 | Rock | 0.002 | <0.5 | <0.5 | 1.19 | 3.3 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | <0.02 | <5 | 0.7 | 0.16 | <0.1 | <0.02 | <0.1 |
| 2571141 | Drill Core | 0.065 | 18.8 | 5.8 | 0.55 | 33.4 | 0.067 | 2 | 1.32 | 0.095 | 0.31 | 0.1 | 3.2 | 0.12 | 0.29 | <5 | <0.1 | 0.03 | 6.8 | 0.86 | <0.1 |
| 2571142 | Drill Core | 0.072 | 17.4 | 10.5 | 0.54 | 39.4 | 0.030 | 3 | 1.16 | 0.065 | 0.32 | 0.1 | 2.3 | 0.09 | 0.37 | <5 | 0.1 | 0.04 | 5.2 | 0.86 | <0.1 |
| 2571143 | Drill Core | 0.067 | 19.5 | 5.9 | 0.52 | 24.2 | 0.075 | 2 | 1.26 | 0.098 | 0.25 | 0.2 | 2.8 | 0.13 | 0.40 | <5 | <0.1 | 0.04 | 6.5 | 1.35 | <0.1 |
| 2571144 | Drill Core | 0.062 | 20.6 | 5.9 | 0.54 | 26.3 | 0.076 | 1 | 1.27 | 0.099 | 0.25 | 0.2 | 3.3 | 0.09 | 0.31 | <5 | <0.1 | 0.03 | 7.3 | 0.85 | <0.1 |
| 2571145 | Core DUP | 0.069 | 20.3 | 5.9 | 0.55 | 25.8 | 0.075 | 1 | 1.24 | 0.095 | 0.24 | 0.2 | 3.1 | 0.10 | 0.31 | <5 | <0.1 | 0.03 | 7.0 | 0.83 | <0.1 |
| 2571146 | Drill Core | 0.067 | 18.7 | 5.7 | 0.54 | 22.1 | 0.080 | 3 | 1.17 | 0.073 | 0.22 | 0.2 | 2.8 | 0.10 | 0.51 | <5 | <0.1 | 0.06 | 6.8 | 0.70 | <0.1 |
| 2571147 | Drill Core | 0.071 | 19.9 | 6.1 | 0.58 | 28.5 | 0.086 | 2 | 1.25 | 0.099 | 0.25 | 0.2 | 3.3 | 0.10 | 0.17 | <5 | <0.1 | <0.02 | 8.0 | 0.58 | <0.1 |
| 2571148 | Drill Core | 0.072 | 19.7 | 6.4 | 0.61 | 26.4 | 0.095 | 1 | 1.25 | 0.109 | 0.22 | 0.2 | 3.6 | 0.06 | 0.20 | <5 | <0.1 | <0.02 | 8.0 | 0.40 | <0.1 |
| 2571149 | Drill Core | 0.089 | 22.5 | 7.1 | 0.59 | 22.0 | 0.097 | <1 | 1.04 | 0.121 | 0.16 | 0.2 | 5.7 | 0.03 | 0.88 | 9 | 0.2 | <0.02 | 7.0 | 0.11 | <0.1 |
| 2571150 | Rock Pulp | 0.053 | 3.8 | 34.1 | 0.80 | 107.3 | 0.116 | 4 | 1.69 | 0.103 | 0.14 | 0.3 | 5.1 | 0.07 | 0.59 | 36 | 0.7 | 0.07 | 5.7 | 0.45 | <0.1 |

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PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571121 | Drill Core | 0.06 | <0.02 | 7.1 | 0.1 | <0.05 | 1.8 | 7.48 | 10.6 | 0.02 | 1 | 0.5 | 2.9 | <10 | 5 |
| 2571122 | Drill Core | 0.08 | 0.08 | 66.5 | 0.3 | <0.05 | 2.2 | 7.07 | 14.3 | <0.02 | 3 | 0.6 | 22.3 | <10 | 4 |
| 2571123 | Drill Core | 0.08 | 0.08 | 44.9 | 0.3 | <0.05 | 2.6 | 6.31 | 10.2 | <0.02 | 18 | 0.3 | 19.5 | <10 | 4 |
| 2571124 | Drill Core | 0.05 | 0.03 | 11.1 | 0.1 | <0.05 | 1.5 | 7.40 | 11.5 | 0.02 | 84 | 1.0 | 29.7 | <10 | 4 |
| 2571125 | Drill Core | 0.04 | <0.02 | 13.1 | 0.1 | <0.05 | 1.5 | 7.16 | 11.7 | <0.02 | 150 | 1.1 | 29.6 | <10 | 2 |
| 2571126 | Drill Core | 0.14 | 0.11 | 88.5 | 0.3 | <0.05 | 2.2 | 6.59 | 13.2 | 0.03 | 37 | 1.0 | 26.1 | 14 | 3 |
| 2571127 | Drill Core | 0.12 | 0.11 | 20.2 | 0.3 | <0.05 | 2.7 | 5.57 | 11.0 | <0.02 | 55 | 0.4 | 12.6 | 13 | 3 |
| 2571128 | Drill Core | 0.22 | 0.52 | 23.6 | 0.6 | <0.05 | 5.1 | 5.77 | 27.6 | <0.02 | 9 | 0.7 | 22.1 | <10 | <2 |
| 2571129 | Drill Core | 0.22 | 0.76 | 23.6 | 0.5 | <0.05 | 4.8 | 5.17 | 24.6 | <0.02 | 14 | 0.5 | 11.9 | <10 | <2 |
| 2571130 | Drill Core | 0.27 | 0.54 | 15.5 | 0.6 | <0.05 | 6.1 | 4.95 | 31.5 | 0.02 | 13 | 0.6 | 15.3 | <10 | <2 |
| 2571131 | Drill Core | 0.26 | 0.40 | 15.1 | 0.6 | <0.05 | 6.6 | 5.64 | 34.6 | 0.02 | 2 | 0.7 | 15.9 | <10 | <2 |
| 2571132 | Drill Core | 0.14 | 0.10 | 22.9 | 0.3 | <0.05 | 3.0 | 6.29 | 12.3 | 0.02 | 7 | 0.6 | 14.0 | <10 | 2 |
| 2571133 | Drill Core | 0.11 | 0.09 | 6.7 | 0.3 | <0.05 | 2.6 | 5.22 | 10.7 | <0.02 | 1 | 0.6 | 11.4 | 13 | 3 |
| 2571134 | Drill Core | 0.20 | 0.48 | 23.1 | 0.5 | <0.05 | 5.1 | 6.27 | 38.6 | 0.03 | <1 | 0.5 | 11.4 | <10 | <2 |
| 2571135 | Drill Core | 0.23 | 0.25 | 14.7 | 0.4 | <0.05 | 5.5 | 6.44 | 31.6 | 0.03 | <1 | 0.6 | 16.2 | <10 | <2 |
| 2571136 | Drill Core | 0.14 | 0.12 | 37.8 | 0.4 | <0.05 | 2.7 | 6.53 | 13.2 | <0.02 | 11 | 0.7 | 24.5 | <10 | 4 |
| 2571137 | Drill Core | 0.20 | 0.11 | 11.6 | 0.4 | <0.05 | 4.9 | 6.51 | 31.0 | <0.02 | <1 | 0.7 | 14.4 | <10 | <2 |
| 2571138 | Drill Core | 0.13 | 0.15 | 10.4 | 0.2 | <0.05 | 3.3 | 5.86 | 22.7 | 0.02 | 2 | 0.5 | 11.1 | <10 | <2 |
| 2571139 | Drill Core | 0.26 | 0.88 | 24.7 | 0.6 | <0.05 | 6.2 | 5.86 | 38.2 | <0.02 | <1 | 0.4 | 10.7 | <10 | <2 |
| 2571140 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.16 | 0.1 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2571141 | Drill Core | 0.20 | 0.80 | 19.1 | 0.5 | <0.05 | 5.0 | 5.86 | 38.0 | 0.02 | <1 | 0.5 | 10.0 | <10 | <2 |
| 2571142 | Drill Core | 0.21 | 0.32 | 15.5 | 0.4 | <0.05 | 5.1 | 5.70 | 35.2 | 0.03 | <1 | 0.5 | 9.0 | <10 | <2 |
| 2571143 | Drill Core | 0.30 | 1.16 | 15.6 | 0.5 | <0.05 | 6.7 | 5.86 | 39.1 | 0.02 | <1 | 0.4 | 11.4 | <10 | <2 |
| 2571144 | Drill Core | 0.27 | 1.07 | 14.3 | 0.6 | <0.05 | 6.3 | 5.92 | 41.4 | 0.02 | <1 | 0.4 | 10.9 | <10 | <2 |
| 2571145 | Core DUP | 0.25 | 1.06 | 13.8 | 0.6 | <0.05 | 6.1 | 5.84 | 40.7 | 0.02 | <1 | 0.4 | 11.6 | <10 | <2 |
| 2571146 | Drill Core | 0.22 | 1.23 | 13.7 | 0.8 | <0.05 | 5.3 | 5.70 | 38.0 | <0.02 | <1 | 0.4 | 11.2 | <10 | <2 |
| 2571147 | Drill Core | 0.20 | 1.22 | 16.3 | 0.6 | <0.05 | 4.5 | 5.42 | 39.7 | <0.02 | <1 | 0.3 | 10.7 | <10 | <2 |
| 2571148 | Drill Core | 0.20 | 1.35 | 10.6 | 0.7 | <0.05 | 4.7 | 5.81 | 40.1 | 0.02 | <1 | 0.4 | 9.9 | <10 | <2 |
| 2571149 | Drill Core | 0.26 | 1.91 | 4.1 | 0.9 | 0.05 | 5.1 | 6.48 | 44.8 | 0.03 | <1 | 0.4 | 7.5 | <10 | <2 |
| 2571150 | Rock Pulp | 0.20 | 0.09 | 4.8 | 1.3 | <0.05 | 5.7 | 6.60 | 8.4 | 0.05 | 121 | 0.2 | 11.0 | <10 | 2 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571151 | Drill Core | 2.51 | <0.01 | 17.25 | 3.87 | 51.1 | 22 | 4.2 | 4.1 | 383 | 2.33 | 0.6 | 1.3 | 1.0 | 6.9 | 70.4 | 0.04 | 0.65 | <0.02 | 24 | 0.87 |
| 2571152 | Drill Core | 2.41 | 0.44 | 22.26 | 2.60 | 21.5 | 28 | 9.9 | 6.5 | 236 | 1.53 | 1.5 | 1.3 | <0.2 | 7.1 | 92.2 | 0.04 | 1.20 | <0.02 | 21 | 1.46 |
| 2571153 | Drill Core | 2.77 | 0.49 | 145.60 | 7.79 | 68.8 | 134 | 65.3 | 25.5 | 469 | 3.32 | 3.2 | 0.5 | <0.2 | 1.7 | 128.6 | 0.13 | 1.42 | 0.03 | 78 | 3.31 |
| 2571154 | Drill Core | 4.15 | 2.92 | 123.33 | 8.46 | 68.2 | 120 | 58.6 | 26.3 | 632 | 3.71 | 6.1 | 0.5 | 3.0 | 1.7 | 216.6 | 0.13 | 2.82 | 0.04 | 113 | 4.74 |
| 2571155 | Drill Core | 2.61 | 0.95 | 79.10 | 8.64 | 66.0 | 62 | 59.5 | 26.8 | 553 | 3.73 | 2.7 | 0.5 | 1.5 | 1.8 | 127.7 | 0.07 | 0.54 | 0.05 | 118 | 2.12 |
| 2571156 | Drill Core | 3.14 | 2.60 | 100.83 | 9.53 | 84.3 | 92 | 64.7 | 27.7 | 748 | 4.30 | 5.3 | 0.5 | 0.9 | 1.8 | 279.0 | 0.11 | 2.17 | 0.05 | 142 | 4.35 |
| 2571157 | Drill Core | 3.78 | 1.34 | 137.62 | 6.68 | 61.2 | 122 | 49.7 | 21.8 | 599 | 3.87 | 1.7 | 0.5 | 0.2 | 1.9 | 180.6 | 0.14 | 0.67 | 0.03 | 119 | 5.26 |
| 2571158 | Drill Core | 3.10 | 0.27 | 125.16 | 8.90 | 61.8 | 133 | 49.9 | 20.7 | 582 | 3.62 | 3.1 | 0.6 | <0.2 | 1.9 | 160.1 | 0.14 | 0.47 | 0.03 | 116 | 4.75 |
| 2571159 | Drill Core | 1.96 | 0.25 | 116.57 | 9.18 | 62.0 | 103 | 50.3 | 22.4 | 775 | 3.92 | 6.2 | 0.7 | 0.6 | 2.1 | 249.1 | 0.16 | 0.62 | 0.04 | 131 | 7.02 |
| 2571160 | Drill Core | 2.25 | 1.17 | 103.87 | 6.90 | 67.9 | 90 | 72.8 | 30.8 | 1098 | 5.03 | 17.0 | 0.6 | 1.3 | 1.9 | 325.7 | 0.11 | 1.18 | 0.04 | 182 | 6.41 |
| 2571161 | Drill Core | 4.58 | 0.50 | 134.30 | 3.94 | 49.5 | 119 | 59.1 | 24.6 | 601 | 3.64 | 1.8 | 0.6 | 1.5 | 1.8 | 123.3 | 0.07 | 0.32 | 0.02 | 123 | 2.09 |
| 2571162 | Drill Core | 4.27 | 0.50 | 142.15 | 6.17 | 52.9 | 126 | 62.3 | 26.9 | 653 | 3.73 | 1.7 | 0.5 | 0.9 | 1.3 | 169.2 | 0.04 | 0.56 | <0.02 | 113 | 2.14 |
| 2571163 | Drill Core | 3.67 | 0.45 | 148.29 | 3.98 | 48.8 | 119 | 55.6 | 21.4 | 546 | 3.55 | 0.8 | 0.4 | 0.3 | 1.1 | 107.5 | 0.02 | 0.12 | <0.02 | 122 | 1.47 |
| 2571164 | Drill Core | 2.24 | 0.47 | 155.77 | 3.68 | 46.2 | 103 | 57.8 | 23.4 | 618 | 3.39 | 1.1 | 0.5 | 2.5 | 1.3 | 118.4 | 0.04 | 0.15 | 0.03 | 111 | 2.28 |
| 2571165 | Drill Core | 2.32 | 0.31 | 158.52 | 3.72 | 45.6 | 113 | 56.4 | 23.3 | 602 | 3.36 | 0.9 | 0.5 | 1.6 | 1.3 | 108.2 | 0.04 | 0.16 | 0.02 | 111 | 2.06 |
| 2571166 | Drill Core | 4.31 | 0.26 | 162.39 | 3.59 | 42.4 | 98 | 57.2 | 21.7 | 545 | 3.17 | 1.4 | 0.5 | 1.5 | 1.4 | 103.1 | 0.05 | 0.17 | <0.02 | 106 | 2.20 |
| 2571167 | Drill Core | 3.95 | 0.31 | 166.30 | 3.82 | 44.8 | 105 | 57.3 | 23.8 | 532 | 3.28 | 1.4 | 0.5 | 1.9 | 1.4 | 134.7 | 0.06 | 0.12 | <0.02 | 108 | 2.15 |
| 2571168 | Drill Core | 3.30 | 0.48 | 150.08 | 4.88 | 41.6 | 99 | 47.1 | 19.0 | 552 | 2.85 | 1.5 | 0.5 | 1.7 | 1.4 | 207.7 | 0.05 | 0.20 | <0.02 | 96 | 3.80 |
| 2571169 | Drill Core | 4.50 | 0.38 | 154.14 | 3.81 | 44.3 | 83 | 52.2 | 21.4 | 632 | 3.26 | 1.2 | 0.6 | 0.9 | 1.5 | 121.8 | 0.03 | 0.11 | <0.02 | 112 | 4.09 |
| 2571170 | Drill Core | 2.49 | 0.36 | 157.82 | 3.52 | 46.2 | 92 | 58.6 | 23.1 | 599 | 3.48 | 1.1 | 0.5 | 1.4 | 1.4 | 89.6 | 0.05 | 0.05 | <0.02 | 119 | 2.59 |
| 2571171 | Drill Core | 2.94 | 0.31 | 150.96 | 4.76 | 43.3 | 91 | 49.3 | 19.5 | 606 | 3.13 | 1.3 | 0.5 | 1.0 | 1.4 | 215.2 | 0.04 | 0.11 | <0.02 | 105 | 4.10 |
| 2571172 | Drill Core | 2.50 | 0.65 | 144.39 | 4.90 | 42.6 | 95 | 44.5 | 20.6 | 558 | 2.96 | 1.2 | 0.5 | 1.0 | 1.4 | 197.3 | 0.06 | 0.12 | <0.02 | 91 | 4.54 |
| 2571173 | Drill Core | 4.51 | 0.26 | 168.62 | 3.92 | 50.4 | 107 | 62.5 | 23.1 | 531 | 3.52 | 1.1 | 0.5 | 1.6 | 1.3 | 97.5 | 0.05 | 0.04 | <0.02 | 117 | 2.00 |
| 2571174 | Drill Core | 2.95 | 0.53 | 161.23 | 3.83 | 46.3 | 88 | 58.5 | 22.8 | 552 | 3.38 | 1.3 | 0.5 | 1.4 | 1.2 | 125.6 | 0.04 | 0.08 | <0.02 | 117 | 2.66 |
| 2571175 | Drill Core | 3.18 | 0.47 | 129.66 | 5.50 | 27.6 | 95 | 27.6 | 15.0 | 517 | 1.90 | 2.2 | 0.4 | 2.6 | 0.9 | 325.8 | 0.07 | 0.26 | <0.02 | 61 | 8.58 |
| 2571176 | Drill Core | 2.25 | 0.59 | 165.41 | 3.37 | 46.0 | 107 | 64.8 | 23.8 | 540 | 3.60 | 1.1 | 0.5 | 2.5 | 1.5 | 91.2 | 0.06 | 0.05 | <0.02 | 121 | 2.20 |
| 2571177 | Drill Core | 4.19 | 0.46 | 106.64 | 3.34 | 55.9 | 90 | 63.3 | 23.4 | 496 | 3.73 | 0.9 | 0.5 | 3.0 | 1.5 | 96.2 | 0.07 | 0.03 | <0.02 | 127 | 1.30 |
| 2571178 | Drill Core | 2.86 | 3.74 | 144.76 | 4.44 | 52.6 | 129 | 65.8 | 28.7 | 547 | 3.70 | 1.5 | 0.5 | 2.1 | 1.3 | 127.3 | 0.08 | 0.16 | 0.04 | 105 | 4.38 |
| 2571179 | Drill Core | 2.70 | 92.18 | 103.29 | 3.36 | 42.3 | 84 | 35.3 | 19.7 | 550 | 2.91 | 0.8 | 0.2 | 2.2 | 0.6 | 106.9 | 0.13 | 0.19 | 0.04 | 101 | 3.54 |
| 2571180 | Rock | 1.44 | 0.06 | 0.34 | 0.06 | <0.1 | <2 | <0.1 | 1.9 | 15 | 0.02 | 0.6 | 1.3 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 36.76 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571151 | Drill Core | 0.068 | 16.7 | 5.7 | 0.51 | 25.1 | 0.079 | <1 | 1.02 | 0.100 | 0.23 | 0.2 | 3.0 | 0.09 | 0.37 | <5 | <0.1 | <0.02 | 6.3 | 0.53 | <0.1 |
| 2571152 | Drill Core | 0.084 | 19.4 | 10.5 | 0.37 | 29.8 | 0.076 | <1 | 0.61 | 0.091 | 0.15 | 0.4 | 2.5 | <0.02 | 0.42 | <5 | <0.1 | <0.02 | 3.2 | 0.10 | <0.1 |
| 2571153 | Drill Core | 0.197 | 4.9 | 130.9 | 1.33 | 31.5 | 0.107 | 1 | 1.62 | 0.069 | 0.15 | 0.8 | 4.0 | 0.03 | 0.46 | <5 | <0.1 | 0.03 | 6.8 | 0.29 | 0.1 |
| 2571154 | Drill Core | 0.232 | 5.5 | 148.3 | 2.01 | 34.5 | 0.140 | 3 | 2.11 | 0.060 | 0.24 | 1.0 | 6.0 | 0.17 | 0.27 | <5 | <0.1 | 0.07 | 7.8 | 1.01 | 0.2 |
| 2571155 | Drill Core | 0.217 | 6.1 | 148.0 | 2.38 | 63.4 | 0.136 | 1 | 2.37 | 0.069 | 0.60 | 0.6 | 5.1 | 0.15 | 0.20 | <5 | <0.1 | 0.05 | 8.3 | 1.90 | 0.1 |
| 2571156 | Drill Core | 0.195 | 6.9 | 179.6 | 2.64 | 41.1 | 0.152 | 2 | 2.74 | 0.117 | 0.25 | 1.0 | 9.2 | 0.36 | 0.15 | <5 | <0.1 | 0.04 | 9.1 | 2.89 | 0.1 |
| 2571157 | Drill Core | 0.226 | 5.8 | 161.9 | 1.59 | 55.2 | 0.131 | 1 | 1.94 | 0.096 | 0.31 | 0.7 | 5.6 | 0.10 | 0.53 | <5 | 0.2 | 0.07 | 7.4 | 0.63 | 0.2 |
| 2571158 | Drill Core | 0.207 | 5.6 | 149.3 | 1.48 | 60.5 | 0.137 | 1 | 1.88 | 0.091 | 0.54 | 0.6 | 5.0 | 0.14 | 0.38 | <5 | 0.1 | 0.05 | 7.2 | 1.46 | 0.2 |
| 2571159 | Drill Core | 0.219 | 7.2 | 186.8 | 1.93 | 65.7 | 0.129 | 1 | 2.24 | 0.072 | 0.46 | 0.4 | 8.1 | 0.12 | 0.15 | <5 | <0.1 | 0.05 | 8.1 | 1.61 | 0.2 |
| 2571160 | Drill Core | 0.198 | 7.4 | 222.6 | 3.69 | 41.9 | 0.102 | 2 | 3.07 | 0.043 | 0.27 | 0.3 | 14.8 | 0.10 | 0.17 | <5 | <0.1 | 0.03 | 10.4 | 1.96 | 0.2 |
| 2571161 | Drill Core | 0.215 | 5.8 | 189.8 | 2.37 | 214.0 | 0.169 | 2 | 2.37 | 0.107 | 1.26 | 0.2 | 5.5 | 0.20 | 0.10 | <5 | <0.1 | 0.03 | 7.4 | 3.41 | 0.1 |
| 2571162 | Drill Core | 0.228 | 4.4 | 178.4 | 2.44 | 71.1 | 0.147 | 2 | 2.48 | 0.052 | 0.93 | 0.2 | 4.3 | 0.14 | 0.22 | <5 | <0.1 | 0.03 | 7.7 | 2.48 | 0.1 |
| 2571163 | Drill Core | 0.203 | 3.4 | 164.2 | 2.15 | 149.6 | 0.169 | 2 | 2.40 | 0.089 | 1.83 | 0.1 | 3.6 | 0.16 | 0.04 | <5 | <0.1 | <0.02 | 7.4 | 4.00 | 0.1 |
| 2571164 | Drill Core | 0.221 | 3.9 | 165.8 | 2.10 | 202.0 | 0.166 | 2 | 2.24 | 0.105 | 1.63 | 0.2 | 4.7 | 0.10 | 0.07 | <5 | <0.1 | <0.02 | 6.9 | 2.27 | 0.2 |
| 2571165 | Drill Core | 0.211 | 4.0 | 180.8 | 2.09 | 193.8 | 0.171 | 2 | 2.22 | 0.096 | 1.61 | 0.2 | 3.9 | 0.10 | 0.05 | <5 | <0.1 | <0.02 | 6.9 | 2.25 | 0.1 |
| 2571166 | Drill Core | 0.222 | 4.2 | 169.9 | 1.92 | 224.1 | 0.160 | 3 | 2.01 | 0.125 | 1.46 | 0.2 | 5.2 | 0.06 | 0.05 | <5 | <0.1 | <0.02 | 6.7 | 1.51 | 0.2 |
| 2571167 | Drill Core | 0.241 | 4.5 | 154.6 | 1.98 | 160.4 | 0.169 | 3 | 2.14 | 0.097 | 1.51 | 0.1 | 3.8 | 0.10 | 0.12 | <5 | <0.1 | <0.02 | 6.8 | 2.12 | 0.2 |
| 2571168 | Drill Core | 0.231 | 3.9 | 143.7 | 1.51 | 141.7 | 0.155 | 4 | 1.87 | 0.116 | 1.10 | 0.3 | 3.9 | 0.07 | 0.07 | <5 | <0.1 | <0.02 | 6.4 | 1.71 | 0.2 |
| 2571169 | Drill Core | 0.221 | 4.6 | 162.3 | 1.78 | 230.1 | 0.161 | 2 | 1.94 | 0.131 | 1.35 | 0.2 | 4.4 | 0.07 | 0.03 | <5 | <0.1 | <0.02 | 6.4 | 1.70 | 0.1 |
| 2571170 | Drill Core | 0.226 | 4.2 | 186.9 | 1.94 | 251.7 | 0.174 | 2 | 2.15 | 0.124 | 1.69 | 0.2 | 4.5 | 0.08 | <0.02 | <5 | <0.1 | <0.02 | 6.7 | 1.70 | 0.2 |
| 2571171 | Drill Core | 0.231 | 4.3 | 152.4 | 1.37 | 137.0 | 0.144 | 4 | 1.75 | 0.139 | 1.05 | 0.4 | 5.0 | 0.08 | 0.03 | <5 | <0.1 | <0.02 | 5.4 | 1.66 | 0.2 |
| 2571172 | Drill Core | 0.223 | 4.3 | 161.3 | 1.22 | 110.5 | 0.131 | 4 | 1.51 | 0.109 | 0.64 | 0.4 | 4.5 | 0.06 | 0.11 | 9 | <0.1 | <0.02 | 4.9 | 1.09 | 0.2 |
| 2571173 | Drill Core | 0.210 | 4.0 | 178.5 | 2.00 | 191.9 | 0.157 | 2 | 2.23 | 0.112 | 1.70 | 0.1 | 4.1 | 0.11 | 0.03 | <5 | <0.1 | <0.02 | 7.0 | 2.14 | 0.1 |
| 2571174 | Drill Core | 0.214 | 3.6 | 175.5 | 1.78 | 194.1 | 0.157 | 3 | 2.04 | 0.136 | 1.43 | 0.2 | 4.6 | 0.10 | 0.05 | <5 | <0.1 | <0.02 | 6.7 | 2.06 | 0.2 |
| 2571175 | Drill Core | 0.193 | 2.4 | 86.9 | 0.77 | 24.9 | 0.100 | 4 | 1.23 | 0.107 | 0.29 | 0.3 | 3.1 | 0.04 | 0.36 | <5 | 0.2 | 0.02 | 4.0 | 0.73 | 0.2 |
| 2571176 | Drill Core | 0.213 | 4.7 | 159.4 | 2.00 | 325.7 | 0.203 | 2 | 2.36 | 0.108 | 1.82 | 0.2 | 3.4 | 0.11 | 0.05 | 5 | <0.1 | <0.02 | 7.3 | 2.23 | 0.1 |
| 2571177 | Drill Core | 0.221 | 5.4 | 195.8 | 2.22 | 172.4 | 0.210 | 1 | 2.68 | 0.094 | 2.14 | 0.2 | 3.4 | 0.29 | 0.05 | <5 | <0.1 | 0.02 | 8.2 | 3.47 | 0.1 |
| 2571178 | Drill Core | 0.203 | 4.2 | 140.7 | 1.56 | 175.6 | 0.199 | 1 | 1.97 | 0.086 | 1.17 | 0.7 | 4.8 | 0.26 | 0.48 | <5 | 0.2 | 0.09 | 6.7 | 2.70 | 0.1 |
| 2571179 | Drill Core | 0.126 | 2.7 | 88.2 | 1.46 | 214.8 | 0.186 | 2 | 1.79 | 0.134 | 0.98 | 0.2 | 5.7 | 0.17 | 0.09 | <5 | <0.1 | 0.04 | 6.6 | 1.87 | 0.3 |
| 2571180 | Rock | 0.003 | <0.5 | <0.5 | 1.27 | 5.9 | <0.001 | <1 | 0.02 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | <0.02 | <5 | 0.7 | 0.16 | <0.1 | <0.02 | <0.1 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571151 | Drill Core | 0.15 | 1.19 | 14.1 | 0.5 | <0.05 | 3.9 | 4.70 | 34.8 | <0.02 | <1 | 0.3 | 7.6 | <10 | <2 |
| 2571152 | Drill Core | 0.17 | 1.53 | 3.1 | 0.4 | <0.05 | 3.8 | 5.34 | 37.2 | <0.02 | <1 | 0.3 | 3.9 | <10 | <2 |
| 2571153 | Drill Core | 0.10 | 0.16 | 3.9 | 0.2 | <0.05 | 2.8 | 4.63 | 9.6 | <0.02 | 2 | 0.6 | 21.1 | 12 | 4 |
| 2571154 | Drill Core | 0.15 | 0.20 | 9.4 | 0.3 | <0.05 | 4.7 | 5.66 | 11.1 | <0.02 | 4 | 0.4 | 31.8 | <10 | 5 |
| 2571155 | Drill Core | 0.09 | 0.15 | 24.0 | 0.2 | <0.05 | 3.0 | 5.49 | 11.9 | <0.02 | 2 | 0.4 | 42.8 | 14 | 4 |
| 2571156 | Drill Core | 0.16 | 0.16 | 8.6 | 0.3 | <0.05 | 5.6 | 6.36 | 13.8 | <0.02 | 5 | 0.8 | 59.1 | <10 | 5 |
| 2571157 | Drill Core | 0.12 | 0.18 | 10.8 | 0.2 | <0.05 | 2.7 | 5.76 | 11.7 | <0.02 | 5 | 0.3 | 25.8 | <10 | 3 |
| 2571158 | Drill Core | 0.10 | 0.15 | 23.6 | 1.2 | <0.05 | 3.6 | 5.71 | 11.8 | <0.02 | <1 | 0.5 | 23.8 | <10 | 5 |
| 2571159 | Drill Core | 0.13 | 0.12 | 17.7 | 0.6 | <0.05 | 3.3 | 6.54 | 14.6 | <0.02 | <1 | 0.5 | 34.3 | 16 | 6 |
| 2571160 | Drill Core | 0.09 | 0.11 | 13.5 | 0.3 | <0.05 | 2.9 | 7.60 | 14.7 | 0.03 | <1 | 0.9 | 30.2 | <10 | 5 |
| 2571161 | Drill Core | 0.09 | 0.15 | 38.0 | 0.2 | <0.05 | 1.9 | 6.37 | 12.4 | <0.02 | <1 | 0.5 | 27.4 | 12 | 5 |
| 2571162 | Drill Core | 0.07 | 0.11 | 29.6 | 0.2 | <0.05 | 2.0 | 6.10 | 9.4 | <0.02 | <1 | 0.5 | 39.8 | 13 | 5 |
| 2571163 | Drill Core | 0.05 | 0.08 | 50.3 | 0.2 | <0.05 | 1.2 | 5.52 | 7.8 | <0.02 | <1 | 0.3 | 35.0 | 10 | 5 |
| 2571164 | Drill Core | 0.09 | 0.10 | 35.5 | 0.2 | <0.05 | 1.9 | 5.47 | 8.4 | <0.02 | <1 | 0.3 | 35.2 | <10 | 8 |
| 2571165 | Drill Core | 0.10 | 0.06 | 34.7 | 0.2 | <0.05 | 1.9 | 5.46 | 8.7 | <0.02 | <1 | 0.3 | 33.6 | 12 | 5 |
| 2571166 | Drill Core | 0.09 | 0.09 | 24.4 | 0.2 | <0.05 | 1.8 | 5.22 | 8.7 | <0.02 | <1 | 0.3 | 31.2 | 15 | 5 |
| 2571167 | Drill Core | 0.08 | 0.07 | 33.7 | 0.2 | <0.05 | 1.9 | 5.93 | 9.3 | <0.02 | <1 | 0.3 | 36.1 | 14 | 4 |
| 2571168 | Drill Core | 0.14 | 0.07 | 26.2 | 0.2 | <0.05 | 3.6 | 5.09 | 8.5 | <0.02 | <1 | 0.3 | 24.3 | <10 | 4 |
| 2571169 | Drill Core | 0.14 | 0.08 | 26.8 | 0.2 | <0.05 | 2.4 | 5.48 | 9.6 | <0.02 | <1 | 0.3 | 25.7 | 13 | 5 |
| 2571170 | Drill Core | 0.09 | 0.06 | 35.1 | 0.2 | <0.05 | 1.7 | 5.28 | 8.8 | <0.02 | <1 | 0.3 | 33.4 | <10 | 5 |
| 2571171 | Drill Core | 0.14 | 0.07 | 28.1 | 0.2 | <0.05 | 3.6 | 4.93 | 8.8 | <0.02 | <1 | 0.3 | 22.2 | <10 | 4 |
| 2571172 | Drill Core | 0.14 | 0.09 | 17.1 | 0.2 | <0.05 | 4.0 | 4.67 | 8.5 | <0.02 | <1 | 0.3 | 17.8 | <10 | 5 |
| 2571173 | Drill Core | 0.06 | 0.06 | 41.0 | 0.2 | <0.05 | 1.2 | 5.52 | 8.3 | <0.02 | <1 | 0.3 | 33.1 | 13 | 5 |
| 2571174 | Drill Core | 0.11 | 0.09 | 32.9 | 0.2 | <0.05 | 2.4 | 4.88 | 7.8 | <0.02 | <1 | 0.3 | 25.2 | 12 | 4 |
| 2571175 | Drill Core | 0.16 | 0.16 | 8.2 | 0.2 | <0.05 | 4.7 | 3.36 | 5.4 | <0.02 | <1 | 0.2 | 11.5 | <10 | <2 |
| 2571176 | Drill Core | 0.06 | 0.12 | 34.9 | 0.2 | <0.05 | 1.9 | 5.82 | 10.1 | <0.02 | <1 | 0.2 | 27.2 | <10 | 5 |
| 2571177 | Drill Core | 0.04 | 0.09 | 61.4 | 0.2 | <0.05 | 0.8 | 6.55 | 11.3 | <0.02 | <1 | 0.1 | 29.9 | 11 | 5 |
| 2571178 | Drill Core | 0.11 | 0.11 | 43.6 | 0.3 | <0.05 | 1.6 | 5.81 | 9.1 | <0.02 | 1 | 0.3 | 20.1 | 16 | 5 |
| 2571179 | Drill Core | 0.13 | 0.06 | 32.9 | 0.2 | <0.05 | 2.7 | 6.53 | 6.7 | <0.02 | 2 | 0.3 | 18.3 | <10 | 4 |
| 2571180 | Rock | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.15 | 0.1 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571181 | Drill Core | 3.62 | 0.63 | 171.10 | 4.14 | 45.8 | 108 | 58.9 | 23.5 | 609 | 3.59 | 677.3 | 0.5 | 21.6 | 1.4 | 118.5 | 0.04 | 1.94 | <0.02 | 117 | 3.05 |
| 2571182 | Drill Core | 4.40 | 0.42 | 153.12 | 4.74 | 44.3 | 99 | 47.9 | 20.9 | 610 | 3.26 | 1.3 | 0.5 | 2.4 | 1.4 | 143.1 | 0.06 | 0.13 | <0.02 | 107 | 5.07 |
| 2571183 | Drill Core | 1.88 | 0.60 | 96.51 | 4.83 | 41.7 | 72 | 42.7 | 18.9 | 574 | 2.87 | 2.1 | 0.4 | 2.0 | 1.4 | 257.0 | 0.06 | 0.16 | <0.02 | 96 | 6.49 |
| 2571184 | Drill Core | 1.31 | 0.33 | 149.80 | 4.32 | 50.4 | 114 | 63.1 | 22.8 | 639 | 3.54 | 1.6 | 0.4 | 2.2 | 1.4 | 166.8 | 0.08 | 0.12 | <0.02 | 116 | 4.86 |
| 2571185 | Core DUP | | 0.30 | 151.39 | 4.20 | 51.0 | 111 | 59.7 | 21.8 | 606 | 3.50 | 1.3 | 0.4 | 2.3 | 1.3 | 153.1 | 0.06 | 0.13 | <0.02 | 115 | 4.87 |
| 2571186 | Drill Core | 4.64 | 2.31 | 163.92 | 3.65 | 48.8 | 114 | 63.1 | 24.2 | 551 | 3.77 | 5.0 | 0.6 | 3.4 | 1.5 | 143.7 | 0.05 | 0.09 | <0.02 | 131 | 1.86 |
| 2571187 | Drill Core | 4.74 | 0.58 | 182.39 | 5.31 | 53.8 | 177 | 66.0 | 24.3 | 587 | 3.60 | 1.8 | 0.6 | 3.0 | 1.6 | 135.9 | 0.08 | 0.15 | 0.04 | 113 | 4.10 |
| 2571188 | Drill Core | 3.94 | 5.86 | 171.26 | 4.22 | 55.7 | 146 | 69.9 | 25.5 | 588 | 3.81 | 1.4 | 0.9 | 2.2 | 1.9 | 107.5 | 0.12 | 0.06 | 0.03 | 129 | 3.41 |
| 2571189 | Drill Core | 2.60 | 6.13 | 192.82 | 4.23 | 44.9 | 154 | 68.0 | 24.6 | 350 | 3.05 | 1.2 | 0.5 | 1.4 | 1.5 | 104.6 | 0.09 | 0.09 | 0.06 | 68 | 3.30 |
| 2571190 | Rock Pulp | 0.10 | 227.08 | 2614.48 | 47.42 | 282.4 | 3445 | 9.9 | 19.1 | 213 | 3.35 | 26.6 | 5.5 | 344.3 | 11.0 | 45.2 | 2.20 | 6.00 | 3.85 | 41 | 0.92 |
| 2571191 | Drill Core | 2.02 | 2.32 | 277.66 | 2.97 | 38.6 | 198 | 52.5 | 24.6 | 320 | 3.32 | 1.9 | 0.4 | 3.0 | 1.4 | 106.5 | 0.09 | 0.17 | 0.06 | 60 | 3.29 |
| 2571192 | Drill Core | 2.39 | 0.50 | 223.20 | 6.90 | 48.2 | 196 | 53.3 | 21.6 | 525 | 3.50 | 1.6 | 0.6 | 1.9 | 1.5 | 177.4 | 0.12 | 0.24 | 0.09 | 98 | 5.95 |
| 2571193 | Drill Core | 3.99 | 7.11 | 170.64 | 4.99 | 54.7 | 178 | 63.6 | 23.4 | 504 | 3.53 | 1.3 | 0.6 | 1.2 | 1.6 | 136.1 | 0.12 | 0.14 | 0.16 | 100 | 4.36 |
| 2571194 | Drill Core | 2.92 | 24.80 | 180.07 | 3.12 | 38.3 | 150 | 58.0 | 22.5 | 420 | 3.14 | 1.6 | 0.5 | 1.8 | 1.7 | 145.6 | 0.07 | 0.14 | 0.09 | 85 | 3.66 |
| 2571195 | Drill Core | 2.44 | 5.29 | 134.76 | 5.93 | 25.5 | 143 | 6.6 | 7.1 | 292 | 2.46 | 0.7 | 0.7 | 2.9 | 7.0 | 76.5 | 0.06 | 0.11 | 0.05 | 30 | 1.32 |
| 2571196 | Drill Core | 4.09 | 1.12 | 90.52 | 5.70 | 22.8 | 108 | 6.6 | 7.1 | 385 | 2.54 | 0.9 | 0.8 | 2.5 | 7.2 | 68.9 | 0.06 | 0.14 | 0.05 | 33 | 1.58 |
| 2571197 | Drill Core | 4.32 | 0.67 | 25.91 | 6.66 | 40.9 | 94 | 6.6 | 5.3 | 584 | 3.00 | 1.1 | 0.9 | 2.0 | 7.1 | 118.0 | 0.08 | 0.23 | 0.04 | 38 | 1.52 |
| 2571198 | Drill Core | 3.87 | 2.53 | 94.42 | 5.63 | 20.9 | 128 | 6.6 | 6.4 | 339 | 2.27 | 0.9 | 0.9 | 2.1 | 7.2 | 84.0 | 0.05 | 0.10 | 0.04 | 27 | 1.44 |
| 2571199 | Drill Core | 4.36 | 8.49 | 58.12 | 5.25 | 22.4 | 57 | 6.5 | 9.3 | 439 | 1.61 | 11.4 | 0.8 | 4.1 | 7.0 | 99.1 | 0.09 | 0.56 | 0.04 | 36 | 2.77 |
| 2571200 | Drill Core | 4.24 | 1.31 | 85.35 | 5.23 | 32.4 | 148 | 5.2 | 4.5 | 344 | 2.52 | 66.6 | 0.7 | 6.5 | 5.7 | 71.5 | 0.14 | 0.49 | 0.06 | 25 | 1.43 |
| 2571201 | Drill Core | 4.02 | 5.51 | 77.03 | 5.89 | 22.1 | 109 | 5.1 | 4.4 | 320 | 2.30 | 1.1 | 0.8 | 2.5 | 6.8 | 64.0 | 0.07 | 0.27 | 0.05 | 27 | 1.50 |
| 2571202 | Drill Core | 3.86 | 1.59 | 42.57 | 7.31 | 27.4 | 82 | 5.6 | 4.9 | 576 | 2.53 | 85.7 | 0.8 | 2.7 | 6.7 | 61.7 | 0.08 | 0.75 | 0.04 | 31 | 1.90 |
| 2571203 | Drill Core | 2.02 | 0.63 | 45.80 | 5.38 | 23.9 | 94 | 5.3 | 4.8 | 487 | 2.68 | 233.1 | 0.8 | 1.8 | 6.4 | 79.5 | 0.05 | 0.61 | 0.04 | 28 | 1.67 |
| 2571204 | Drill Core | 1.73 | 0.83 | 327.58 | 8.83 | 34.1 | 400 | 5.6 | 5.4 | 463 | 2.81 | 5397.6 | 0.8 | 47.2 | 6.3 | 126.7 | 0.19 | 5.75 | 0.07 | 23 | 2.38 |
| 2571205 | Drill Core | 1.75 | 0.70 | 730.63 | 14.27 | 51.7 | 842 | 6.3 | 5.3 | 479 | 3.01 | 4972.3 | 0.8 | 47.4 | 5.7 | 129.2 | 0.35 | 6.22 | 0.08 | 23 | 2.84 |
| 2571206 | Drill Core | 3.91 | 2.74 | 63.06 | 6.02 | 23.1 | 76 | 4.9 | 4.3 | 430 | 2.22 | 68.8 | 0.8 | 1.3 | 6.9 | 73.3 | 0.05 | 0.42 | 0.03 | 29 | 1.84 |
| 2571207 | Drill Core | 3.95 | 1.81 | 55.57 | 6.15 | 40.2 | 72 | 10.2 | 6.7 | 615 | 2.87 | 24.6 | 0.8 | 0.3 | 6.3 | 148.6 | 0.08 | 1.22 | 0.03 | 47 | 1.88 |
| 2571208 | Drill Core | 1.79 | 0.75 | 69.50 | 4.74 | 29.8 | 83 | 5.6 | 5.1 | 498 | 2.74 | 1.5 | 0.8 | 1.0 | 6.6 | 87.6 | 0.05 | 0.28 | 0.03 | 35 | 1.29 |
| 2571209 | Drill Core | 3.63 | 1.14 | 73.79 | 6.87 | 29.8 | 110 | 5.8 | 5.2 | 577 | 2.89 | 5.7 | 0.8 | 1.8 | 6.6 | 96.6 | 0.06 | 0.84 | 0.04 | 37 | 1.56 |
| 2571210 | Drill Core | 4.06 | 0.88 | 68.62 | 6.32 | 34.4 | 89 | 5.3 | 5.0 | 573 | 2.90 | 3.7 | 0.8 | 3.7 | 6.5 | 101.0 | 0.05 | 0.85 | 0.03 | 39 | 1.50 |

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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571181 | Drill Core | 0.220 | 4.4 | 173.0 | 1.92 | 282.9 | 0.157 | 1 | 2.10 | 0.154 | 1.40 | 0.2 | 6.1 | 0.10 | 0.08 | <5 | <0.1 | <0.02 | 6.4 | 1.65 | 0.1 |
| 2571182 | Drill Core | 0.220 | 4.2 | 147.8 | 1.47 | 150.8 | 0.153 | 2 | 1.80 | 0.120 | 1.12 | 0.3 | 4.1 | 0.11 | 0.19 | <5 | <0.1 | <0.02 | 6.0 | 1.45 | 0.2 |
| 2571183 | Drill Core | 0.234 | 4.2 | 143.6 | 1.12 | 102.7 | 0.132 | 3 | 1.56 | 0.106 | 0.83 | 0.4 | 4.9 | 0.09 | 0.12 | 7 | <0.1 | 0.03 | 5.4 | 1.34 | 0.2 |
| 2571184 | Drill Core | 0.241 | 4.0 | 172.1 | 1.51 | 151.6 | 0.152 | 1 | 1.82 | 0.105 | 1.11 | 0.3 | 5.1 | 0.12 | 0.18 | <5 | <0.1 | 0.02 | 6.0 | 1.76 | 0.2 |
| 2571185 | Core DUP | 0.231 | 4.0 | 156.3 | 1.44 | 149.0 | 0.147 | 2 | 1.77 | 0.098 | 1.11 | 0.3 | 4.5 | 0.12 | 0.19 | <5 | <0.1 | 0.03 | 5.8 | 1.72 | 0.2 |
| 2571186 | Drill Core | 0.233 | 5.3 | 203.0 | 2.11 | 212.6 | 0.211 | 1 | 2.46 | 0.103 | 1.92 | 0.2 | 3.9 | 0.15 | 0.04 | <5 | <0.1 | 0.02 | 7.7 | 2.20 | 0.2 |
| 2571187 | Drill Core | 0.232 | 5.5 | 151.0 | 1.34 | 163.6 | 0.163 | 1 | 1.81 | 0.116 | 1.06 | 0.4 | 3.9 | 0.16 | 0.36 | 6 | <0.1 | 0.06 | 5.9 | 1.43 | 0.2 |
| 2571188 | Drill Core | 0.230 | 6.7 | 190.8 | 1.62 | 316.1 | 0.224 | <1 | 2.13 | 0.128 | 1.61 | 0.3 | 3.8 | 0.20 | 0.24 | <5 | <0.1 | 0.05 | 6.8 | 2.11 | 0.2 |
| 2571189 | Drill Core | 0.229 | 4.6 | 95.0 | 0.79 | 70.6 | 0.116 | <1 | 1.12 | 0.100 | 0.41 | 0.5 | 3.1 | 0.10 | 0.87 | <5 | 0.4 | 0.12 | 4.0 | 0.59 | <0.1 |
| 2571190 | Rock Pulp | 0.053 | 21.1 | 69.0 | 0.66 | 54.7 | 0.037 | 2 | 1.33 | 0.033 | 0.55 | 3.7 | 5.5 | 0.39 | 1.96 | 72 | 3.0 | 0.35 | 3.8 | 2.39 | <0.1 |
| 2571191 | Drill Core | 0.231 | 4.3 | 83.9 | 0.69 | 65.9 | 0.106 | <1 | 1.00 | 0.095 | 0.31 | 0.4 | 2.7 | 0.09 | 1.15 | <5 | 0.6 | 0.18 | 4.0 | 0.49 | <0.1 |
| 2571192 | Drill Core | 0.227 | 4.9 | 133.6 | 1.01 | 74.9 | 0.129 | 1 | 1.43 | 0.089 | 0.55 | 0.3 | 3.0 | 0.11 | 0.73 | <5 | 0.3 | 0.10 | 5.6 | 0.93 | 0.1 |
| 2571193 | Drill Core | 0.213 | 5.7 | 144.4 | 1.16 | 131.8 | 0.152 | <1 | 1.66 | 0.112 | 0.94 | 0.3 | 3.3 | 0.22 | 0.60 | <5 | 0.2 | 0.09 | 5.9 | 1.82 | 0.1 |
| 2571194 | Drill Core | 0.228 | 5.2 | 108.2 | 0.90 | 47.6 | 0.120 | <1 | 1.24 | 0.115 | 0.32 | 0.6 | 3.9 | 0.11 | 0.72 | <5 | 0.4 | 0.15 | 5.2 | 0.68 | 0.1 |
| 2571195 | Drill Core | 0.119 | 15.3 | 6.7 | 0.45 | 25.6 | 0.091 | <1 | 1.13 | 0.112 | 0.20 | 0.3 | 3.5 | 0.07 | 0.91 | <5 | 0.4 | 0.17 | 5.3 | 0.35 | <0.1 |
| 2571196 | Drill Core | 0.122 | 16.1 | 7.4 | 0.51 | 29.5 | 0.090 | <1 | 1.25 | 0.120 | 0.21 | 0.2 | 4.8 | 0.06 | 0.87 | <5 | 0.3 | 0.12 | 5.7 | 0.39 | <0.1 |
| 2571197 | Drill Core | 0.110 | 15.3 | 9.3 | 0.67 | 37.6 | 0.102 | <1 | 1.60 | 0.131 | 0.24 | 0.2 | 5.1 | 0.08 | 0.80 | <5 | 0.2 | 0.14 | 7.2 | 0.61 | <0.1 |
| 2571198 | Drill Core | 0.114 | 15.1 | 6.9 | 0.42 | 30.8 | 0.093 | <1 | 1.20 | 0.133 | 0.23 | 0.2 | 3.6 | 0.06 | 0.76 | <5 | 0.3 | 0.15 | 5.0 | 0.41 | <0.1 |
| 2571199 | Drill Core | 0.105 | 16.5 | 6.9 | 0.59 | 29.1 | 0.068 | 2 | 0.89 | 0.054 | 0.15 | 0.3 | 6.8 | <0.02 | 0.35 | <5 | 0.1 | 0.09 | 4.3 | 0.21 | <0.1 |
| 2571200 | Drill Core | 0.098 | 10.9 | 5.8 | 0.47 | 22.0 | 0.054 | 2 | 1.13 | 0.081 | 0.17 | 0.1 | 3.7 | 0.04 | 0.81 | <5 | 0.4 | 0.12 | 5.0 | 0.24 | <0.1 |
| 2571201 | Drill Core | 0.101 | 14.1 | 6.0 | 0.41 | 36.6 | 0.079 | 2 | 1.08 | 0.100 | 0.20 | 0.2 | 3.4 | 0.05 | 0.73 | <5 | 0.2 | 0.14 | 4.4 | 0.30 | <0.1 |
| 2571202 | Drill Core | 0.106 | 14.5 | 6.9 | 0.62 | 27.8 | 0.071 | 2 | 1.22 | 0.066 | 0.19 | 0.2 | 4.7 | 0.04 | 0.63 | <5 | 0.3 | 0.14 | 5.6 | 0.32 | <0.1 |
| 2571203 | Drill Core | 0.099 | 12.5 | 6.4 | 0.57 | 22.8 | 0.059 | 2 | 1.23 | 0.081 | 0.18 | 0.1 | 3.6 | 0.04 | 0.80 | <5 | 0.3 | 0.13 | 5.2 | 0.38 | <0.1 |
| 2571204 | Drill Core | 0.091 | 10.5 | 5.2 | 0.61 | 27.5 | 0.027 | 3 | 1.10 | 0.058 | 0.23 | <0.1 | 4.0 | 0.04 | 0.95 | <5 | 1.0 | 0.18 | 4.9 | 0.39 | <0.1 |
| 2571205 | Drill Core | 0.094 | 10.0 | 5.1 | 0.58 | 23.0 | 0.028 | 3 | 1.03 | 0.053 | 0.20 | 0.1 | 3.9 | 0.04 | 1.24 | <5 | 1.1 | 0.19 | 4.9 | 0.36 | <0.1 |
| 2571206 | Drill Core | 0.104 | 14.4 | 6.4 | 0.55 | 26.3 | 0.066 | 2 | 1.03 | 0.070 | 0.19 | 0.2 | 4.2 | 0.03 | 0.63 | <5 | 0.2 | 0.10 | 4.8 | 0.29 | <0.1 |
| 2571207 | Drill Core | 0.115 | 15.6 | 20.6 | 0.79 | 22.7 | 0.085 | 3 | 1.29 | 0.078 | 0.14 | 0.2 | 7.2 | 0.04 | 0.88 | <5 | 0.3 | 0.10 | 7.2 | 0.35 | <0.1 |
| 2571208 | Drill Core | 0.101 | 15.1 | 7.7 | 0.60 | 24.5 | 0.080 | <1 | 1.20 | 0.101 | 0.18 | 0.1 | 5.5 | 0.04 | 0.80 | <5 | 0.4 | 0.11 | 6.5 | 0.44 | <0.1 |
| 2571209 | Drill Core | 0.099 | 15.9 | 8.1 | 0.70 | 20.3 | 0.063 | 1 | 1.25 | 0.079 | 0.15 | <0.1 | 5.6 | 0.04 | 0.72 | <5 | 0.3 | 0.12 | 7.2 | 0.49 | <0.1 |
| 2571210 | Drill Core | 0.102 | 14.2 | 8.2 | 0.71 | 20.7 | 0.069 | 1 | 1.19 | 0.080 | 0.16 | <0.1 | 5.9 | 0.04 | 0.88 | <5 | 0.4 | 0.11 | 7.5 | 0.45 | <0.1 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571181 | Drill Core | 0.09 | 0.08 | 32.7 | 0.2 | <0.05 | 1.7 | 5.27 | 9.2 | <0.02 | <1 | 0.3 | 24.2 | 12 | 5 |
| 2571182 | Drill Core | 0.11 | 0.10 | 27.1 | 0.2 | <0.05 | 2.2 | 5.26 | 8.9 | <0.02 | <1 | 0.3 | 23.6 | 11 | 4 |
| 2571183 | Drill Core | 0.13 | 0.09 | 24.3 | 0.2 | <0.05 | 3.2 | 5.12 | 8.3 | <0.02 | 1 | 0.3 | 17.4 | 11 | 5 |
| 2571184 | Drill Core | 0.13 | 0.07 | 30.2 | 0.3 | <0.05 | 2.4 | 5.20 | 8.5 | <0.02 | <1 | 0.3 | 21.0 | 12 | 3 |
| 2571185 | Core DUP | 0.10 | 0.06 | 29.4 | 0.2 | <0.05 | 2.1 | 5.11 | 8.0 | <0.02 | <1 | 0.3 | 19.8 | <10 | 4 |
| 2571186 | Drill Core | 0.05 | 0.13 | 45.9 | 0.2 | <0.05 | 1.0 | 6.17 | 10.7 | <0.02 | 6 | 0.2 | 28.5 | 16 | 5 |
| 2571187 | Drill Core | 0.13 | 0.10 | 27.2 | 0.2 | <0.05 | 2.7 | 5.94 | 10.8 | <0.02 | 3 | 0.3 | 19.0 | 11 | 4 |
| 2571188 | Drill Core | 0.08 | 0.15 | 39.8 | 1.1 | <0.05 | 1.5 | 6.71 | 13.5 | <0.02 | 36 | 0.2 | 24.4 | 14 | 5 |
| 2571189 | Drill Core | 0.12 | 0.17 | 14.9 | 1.1 | <0.05 | 2.8 | 4.94 | 9.6 | <0.02 | 29 | 0.1 | 12.5 | 11 | 3 |
| 2571190 | Rock Pulp | 0.11 | 0.07 | 34.1 | 1.2 | <0.05 | 3.5 | 8.42 | 38.2 | 0.09 | 39 | 0.3 | 5.9 | <10 | <2 |
| 2571191 | Drill Core | 0.10 | 0.15 | 11.4 | 0.3 | <0.05 | 2.9 | 4.71 | 9.1 | <0.02 | 13 | 0.2 | 10.2 | <10 | 3 |
| 2571192 | Drill Core | 0.09 | 0.12 | 17.0 | 0.2 | <0.05 | 2.9 | 5.65 | 10.2 | <0.02 | 2 | 0.2 | 17.4 | 11 | 4 |
| 2571193 | Drill Core | 0.11 | 0.13 | 34.0 | 0.3 | <0.05 | 2.9 | 5.93 | 11.5 | <0.02 | 28 | 0.2 | 18.5 | 11 | 4 |
| 2571194 | Drill Core | 0.13 | 0.17 | 14.8 | 0.3 | <0.05 | 3.8 | 5.22 | 10.4 | <0.02 | 89 | 0.3 | 13.9 | <10 | 2 |
| 2571195 | Drill Core | 0.14 | 0.76 | 10.3 | 0.4 | <0.05 | 2.6 | 8.96 | 32.0 | <0.02 | 27 | 0.3 | 7.8 | <10 | <2 |
| 2571196 | Drill Core | 0.12 | 0.63 | 9.8 | 0.4 | <0.05 | 2.3 | 9.40 | 32.5 | <0.02 | 6 | 0.4 | 10.6 | <10 | <2 |
| 2571197 | Drill Core | 0.11 | 0.57 | 13.7 | 0.4 | <0.05 | 2.4 | 9.22 | 31.6 | <0.02 | 2 | 0.4 | 17.2 | <10 | <2 |
| 2571198 | Drill Core | 0.11 | 0.67 | 10.8 | 0.4 | <0.05 | 2.7 | 9.32 | 30.2 | <0.02 | 15 | 0.3 | 8.6 | <10 | <2 |
| 2571199 | Drill Core | 0.18 | 0.32 | 3.9 | 0.5 | <0.05 | 2.7 | 9.43 | 33.4 | 0.04 | 58 | 0.4 | 10.0 | <10 | <2 |
| 2571200 | Drill Core | 0.08 | 0.41 | 6.8 | 0.2 | <0.05 | 1.7 | 7.28 | 22.1 | <0.02 | 8 | 0.3 | 8.6 | <10 | <2 |
| 2571201 | Drill Core | 0.12 | 0.62 | 8.1 | 0.4 | <0.05 | 2.5 | 8.95 | 28.6 | <0.02 | 22 | 0.2 | 8.5 | <10 | <2 |
| 2571202 | Drill Core | 0.15 | 0.43 | 7.9 | 0.3 | <0.05 | 2.7 | 9.02 | 28.8 | <0.02 | 10 | 0.4 | 12.9 | <10 | <2 |
| 2571203 | Drill Core | 0.12 | 0.38 | 7.7 | 0.2 | <0.05 | 2.6 | 8.60 | 26.0 | <0.02 | 4 | 0.2 | 10.6 | <10 | <2 |
| 2571204 | Drill Core | 0.08 | 0.19 | 8.9 | 0.3 | <0.05 | 2.2 | 8.24 | 21.7 | 0.03 | 3 | 0.4 | 10.2 | <10 | <2 |
| 2571205 | Drill Core | 0.07 | 0.19 | 7.7 | 0.3 | <0.05 | 2.0 | 8.33 | 20.5 | 0.05 | 4 | 0.4 | 9.3 | <10 | <2 |
| 2571206 | Drill Core | 0.11 | 0.41 | 6.6 | 0.3 | <0.05 | 2.1 | 9.04 | 29.3 | <0.02 | 16 | 0.4 | 9.3 | <10 | <2 |
| 2571207 | Drill Core | 0.13 | 0.35 | 5.6 | 0.5 | <0.05 | 2.8 | 9.18 | 31.9 | 0.02 | 13 | 0.4 | 14.5 | <10 | <2 |
| 2571208 | Drill Core | 0.13 | 0.50 | 8.8 | 0.4 | <0.05 | 2.3 | 9.45 | 30.4 | <0.02 | 5 | 0.4 | 11.2 | <10 | <2 |
| 2571209 | Drill Core | 0.09 | 0.27 | 7.4 | 0.4 | <0.05 | 2.2 | 9.70 | 33.1 | <0.02 | 5 | 0.5 | 15.4 | <10 | <2 |
| 2571210 | Drill Core | 0.12 | 0.37 | 7.4 | 0.3 | <0.05 | 2.4 | 9.55 | 29.8 | <0.02 | 3 | 0.3 | 13.5 | <10 | <2 |

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Project: TRX16-01
Report Date: September 30, 2016



# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571211 | Drill Core | 4.01 | 1.74 | 101.84 | 5.29 | 27.0 | 99 | 5.3 | 5.0 | 448 | 2.74 | 4.6 | 0.9 | 1.4 | 6.6 | 87.8 | 0.04 | 0.40 | 0.03 | 36 | 1.39 |
| 2571212 | Drill Core | 2.90 | 4.49 | 74.51 | 7.03 | 49.3 | 83 | 6.2 | 5.2 | 417 | 2.49 | 6.2 | 0.9 | 1.2 | 6.5 | 98.3 | 0.11 | 0.61 | 0.04 | 37 | 1.64 |
| 2571213 | Drill Core | 2.32 | 1.87 | 50.47 | 3.90 | 37.0 | 64 | 18.0 | 8.7 | 527 | 2.92 | 13.4 | 0.9 | 1.3 | 6.2 | 104.8 | 0.04 | 1.04 | 0.02 | 56 | 1.64 |
| 2571214 | Drill Core | 4.14 | 0.78 | 97.10 | 9.09 | 98.7 | 94 | 60.0 | 24.7 | 573 | 3.54 | 26.0 | 0.6 | <0.2 | 1.6 | 145.6 | 0.17 | 0.45 | 0.04 | 90 | 2.06 |
| 2571215 | Drill Core | 2.60 | 1.88 | 110.99 | 2.18 | 50.5 | 84 | 51.1 | 21.6 | 443 | 3.08 | 105.7 | 0.6 | 1.4 | 1.6 | 133.9 | 0.07 | 0.61 | <0.02 | 75 | 3.30 |
| 2571216 | Drill Core | 2.33 | 0.99 | 111.60 | 3.66 | 53.2 | 105 | 53.0 | 21.9 | 547 | 3.30 | 45.9 | 0.5 | 14.1 | 1.6 | 155.5 | 0.10 | 0.42 | <0.02 | 98 | 4.35 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571211 | Drill Core | 0.103 | 15.6 | 7.7 | 0.67 | 19.6 | 0.075 | 1 | 1.07 | 0.071 | 0.11 | 0.1 | 6.5 | 0.03 | 0.82 | <5 | 0.4 | 0.10 | 6.5 | 0.32 | <0.1 |
| 2571212 | Drill Core | 0.097 | 17.2 | 8.9 | 0.69 | 22.1 | 0.086 | 7 | 1.01 | 0.075 | 0.13 | 0.3 | 5.7 | 0.04 | 0.81 | <5 | 0.5 | 0.21 | 7.8 | 0.15 | <0.1 |
| 2571213 | Drill Core | 0.124 | 17.8 | 40.6 | 0.97 | 21.4 | 0.081 | <1 | 1.26 | 0.075 | 0.10 | 0.2 | 8.0 | 0.05 | 0.54 | 8 | 0.2 | 0.06 | 9.2 | 0.24 | <0.1 |
| 2571214 | Drill Core | 0.196 | 6.5 | 137.0 | 1.86 | 21.1 | 0.085 | 17 | 1.76 | 0.077 | 0.08 | 0.2 | 4.1 | 0.02 | 0.34 | <5 | 0.2 | 0.06 | 7.8 | 0.17 | <0.1 |
| 2571215 | Drill Core | 0.209 | 5.6 | 116.9 | 1.07 | 22.3 | 0.081 | 3 | 1.43 | 0.089 | 0.08 | 0.3 | 3.4 | <0.02 | 0.38 | <5 | 0.1 | 0.05 | 5.6 | 0.13 | 0.1 |
| 2571216 | Drill Core | 0.211 | 5.4 | 123.5 | 1.11 | 45.6 | 0.099 | <1 | 1.50 | 0.106 | 0.17 | 0.3 | 4.3 | 0.05 | 0.45 | <5 | 0.2 | 0.03 | 6.3 | 0.49 | 0.1 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001702.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571211 | Drill Core | 0.12 | 0.42 | 4.5 | 0.4 | <0.05 | 2.4 | 9.69 | 30.8 | <0.02 | 6 | 0.4 | 12.5 | <10 | <2 |
| 2571212 | Drill Core | 0.18 | 0.48 | 3.1 | 0.5 | <0.05 | 3.3 | 9.28 | 35.0 | <0.02 | 15 | 0.6 | 11.0 | <10 | <2 |
| 2571213 | Drill Core | 0.21 | 0.28 | 2.6 | 0.5 | <0.05 | 3.1 | 10.46 | 36.0 | 0.03 | 6 | 0.5 | 14.4 | <10 | <2 |
| 2571214 | Drill Core | 0.11 | 0.08 | 2.5 | 0.3 | <0.05 | 3.2 | 5.55 | 13.0 | <0.02 | 3 | 0.7 | 19.5 | <10 | 3 |
| 2571215 | Drill Core | 0.12 | 0.10 | 2.3 | 0.2 | <0.05 | 3.4 | 5.18 | 11.4 | <0.02 | 5 | 0.4 | 12.3 | <10 | 4 |
| 2571216 | Drill Core | 0.13 | 0.11 | 5.0 | 0.2 | <0.05 | 3.2 | 5.86 | 10.9 | <0.02 | 2 | 0.4 | 11.7 | <10 | 3 |

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Project: TRX16-01
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# QUALITY CONTROL REPORT VAN16001702.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571064 | Drill Core | 4.30 | 2.31 | 153.74 | 6.36 | 60.2 | 102 | 66.4 | 26.1 | 688 | 4.29 | 8.6 | 0.6 | 1.9 | 1.7 | 181.4 | 0.07 | 2.93 | 0.04 | 161 | 2.77 |
| REP 2571064 | QC | | 2.22 | 149.57 | 6.22 | 59.6 | 102 | 64.9 | 25.7 | 708 | 4.20 | 8.3 | 0.6 | 1.8 | 1.6 | 173.7 | 0.08 | 2.85 | 0.04 | 157 | 2.70 |
| 2571097 | Drill Core | 3.96 | 0.67 | 150.88 | 4.02 | 45.6 | 102 | 58.4 | 22.8 | 538 | 3.48 | 1.0 | 0.4 | 2.1 | 1.4 | 115.4 | 0.06 | 0.12 | 0.03 | 120 | 1.93 |
| REP 2571097 | QC | | 0.69 | 156.85 | 4.28 | 45.5 | 104 | 58.4 | 23.2 | 524 | 3.65 | 1.1 | 0.5 | 2.6 | 1.5 | 116.5 | 0.07 | 0.13 | 0.02 | 126 | 2.00 |
| 2571132 | Drill Core | 4.08 | 2.82 | 131.04 | 4.84 | 52.4 | 114 | 56.4 | 23.7 | 750 | 3.54 | 23.4 | 0.5 | 1.6 | 1.6 | 241.2 | 0.08 | 1.23 | 0.05 | 111 | 7.19 |
| REP 2571132 | QC | | 2.91 | 131.45 | 4.86 | 53.9 | 121 | 58.2 | 25.5 | 813 | 3.52 | 24.3 | 0.5 | 1.6 | 1.6 | 244.8 | 0.09 | 1.28 | 0.05 | 111 | 7.13 |
| 2571167 | Drill Core | 3.95 | 0.31 | 166.30 | 3.82 | 44.8 | 105 | 57.3 | 23.8 | 532 | 3.28 | 1.4 | 0.5 | 1.9 | 1.4 | 134.7 | 0.06 | 0.12 | <0.02 | 108 | 2.15 |
| REP 2571167 | QC | | 0.28 | 162.22 | 3.78 | 44.8 | 105 | 59.3 | 23.5 | 525 | 3.21 | 1.1 | 0.5 | 2.4 | 1.4 | 125.9 | 0.03 | 0.12 | <0.02 | 108 | 2.09 |
| 2571200 | Drill Core | 4.24 | 1.31 | 85.35 | 5.23 | 32.4 | 148 | 5.2 | 4.5 | 344 | 2.52 | 66.6 | 0.7 | 6.5 | 5.7 | 71.5 | 0.14 | 0.49 | 0.06 | 25 | 1.43 |
| REP 2571200 | QC | | 1.40 | 91.94 | 5.57 | 35.7 | 159 | 5.4 | 5.2 | 363 | 2.56 | 71.4 | 0.7 | 4.7 | 6.1 | 77.0 | 0.15 | 0.49 | 0.06 | 26 | 1.47 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571080 | Drill Core | 1.51 | 0.75 | 141.79 | 6.29 | 42.1 | 108 | 47.9 | 20.2 | 722 | 3.66 | 43.9 | 0.6 | 1.3 | 1.8 | 259.4 | 0.05 | 0.84 | 0.02 | 135 | 7.66 |
| DUP 2571080 | QC | | 0.76 | 140.49 | 5.91 | 39.1 | 105 | 45.6 | 20.6 | 734 | 3.57 | 44.2 | 0.6 | 2.0 | 1.7 | 263.7 | 0.06 | 0.88 | <0.02 | 132 | 7.66 |
| 2571114 | Drill Core | 2.88 | 2.80 | 152.02 | 4.77 | 52.9 | 113 | 64.8 | 24.7 | 637 | 3.80 | 4.4 | 0.6 | 2.5 | 1.8 | 154.9 | 0.06 | 0.30 | 0.04 | 147 | 2.88 |
| DUP 2571114 | QC | | 2.88 | 148.20 | 4.69 | 55.5 | 105 | 64.3 | 24.1 | 607 | 3.76 | 4.2 | 0.6 | 2.9 | 1.8 | 162.2 | 0.06 | 0.32 | 0.04 | 145 | 2.95 |
| 2571148 | Drill Core | 2.49 | 0.21 | 16.44 | 5.11 | 77.3 | 20 | 4.4 | 3.8 | 476 | 2.55 | 0.8 | 1.5 | <0.2 | 7.9 | 71.9 | 0.11 | 0.50 | <0.02 | 27 | 0.86 |
| DUP 2571148 | QC | | 0.19 | 16.85 | 4.96 | 76.2 | 17 | 4.0 | 4.0 | 462 | 2.55 | 0.7 | 1.5 | 1.0 | 7.5 | 75.8 | 0.11 | 0.50 | <0.02 | 27 | 0.87 |
| 2571182 | Drill Core | 4.40 | 0.42 | 153.12 | 4.74 | 44.3 | 99 | 47.9 | 20.9 | 610 | 3.26 | 1.3 | 0.5 | 2.4 | 1.4 | 143.1 | 0.06 | 0.13 | <0.02 | 107 | 5.07 |
| DUP 2571182 | QC | | 0.50 | 153.84 | 4.74 | 44.5 | 102 | 50.1 | 21.7 | 649 | 3.25 | 1.4 | 0.5 | 2.4 | 1.4 | 143.9 | 0.06 | 0.13 | <0.02 | 107 | 5.27 |
| 2571216 | Drill Core | 2.33 | 0.99 | 111.60 | 3.66 | 53.2 | 105 | 53.0 | 21.9 | 547 | 3.30 | 45.9 | 0.5 | 14.1 | 1.6 | 155.5 | 0.10 | 0.42 | <0.02 | 98 | 4.35 |
| DUP 2571216 | QC | | 1.17 | 106.98 | 3.55 | 52.9 | 98 | 52.0 | 22.1 | 532 | 3.29 | 44.7 | 0.6 | 3.3 | 1.6 | 144.7 | 0.09 | 0.41 | <0.02 | 98 | 4.24 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 15.04 | 138.02 | 156.60 | 350.8 | 1890 | 71.6 | 12.6 | 818 | 2.74 | 45.2 | 2.5 | 90.7 | 7.1 | 71.4 | 2.29 | 9.01 | 11.26 | 41 | 1.03 |
| STD DS10 | Standard | | 15.41 | 142.15 | 160.93 | 356.0 | 1975 | 72.7 | 13.4 | 900 | 2.82 | 44.9 | 2.5 | 111.7 | 7.3 | 67.2 | 2.39 | 8.82 | 11.38 | 41 | 1.08 |
| STD DS10 | Standard | | 14.68 | 133.79 | 152.52 | 339.3 | 1851 | 69.3 | 12.8 | 878 | 2.74 | 45.7 | 2.5 | 171.3 | 6.5 | 56.6 | 2.25 | 8.49 | 10.52 | 42 | 1.07 |
| STD DS10 | Standard | | 15.44 | 149.11 | 165.93 | 355.7 | 2072 | 76.6 | 13.0 | 896 | 2.78 | 47.9 | 2.5 | 102.2 | 7.3 | 60.3 | 2.46 | 9.33 | 12.59 | 42 | 1.08 |
| STD DS10 | Standard | | 14.97 | 148.95 | 158.57 | 355.6 | 1869 | 74.6 | 13.7 | 900 | 2.81 | 47.3 | 2.6 | 94.9 | 7.2 | 61.0 | 2.27 | 8.89 | 11.02 | 45 | 1.08 |
| STD OXC129 | Standard | | 1.25 | 23.18 | 5.91 | 39.2 | 14 | 75.3 | 19.1 | 400 | 2.94 | 0.5 | 0.6 | 188.4 | 1.7 | 186.1 | 0.03 | 0.03 | <0.02 | 48 | 0.62 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01

Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001702.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571064 | Drill Core | 0.204 | 6.8 | 194.3 | 2.72 | 78.8 | 0.185 | 1 | 2.63 | 0.087 | 1.71 | 0.2 | 6.4 | 0.27 | 0.20 | <5 | <0.1 | 0.06 | 9.3 | 3.39 | 0.1 |
| REP 2571064 | QC | 0.194 | 6.3 | 189.7 | 2.68 | 76.2 | 0.183 | 2 | 2.60 | 0.084 | 1.68 | 0.2 | 6.2 | 0.26 | 0.19 | <5 | <0.1 | 0.05 | 8.9 | 3.12 | 0.2 |
| 2571097 | Drill Core | 0.211 | 6.7 | 160.7 | 2.12 | 61.6 | 0.143 | 2 | 2.34 | 0.066 | 1.23 | 0.1 | 3.4 | 0.10 | 0.14 | <5 | <0.1 | 0.02 | 7.1 | 1.30 | <0.1 |
| REP 2571097 | QC | 0.214 | 7.3 | 161.9 | 2.24 | 60.9 | 0.145 | 2 | 2.47 | 0.066 | 1.26 | 0.2 | 3.7 | 0.11 | 0.14 | <5 | <0.1 | 0.04 | 7.2 | 1.43 | 0.1 |
| 2571132 | Drill Core | 0.188 | 6.4 | 123.1 | 1.44 | 50.4 | 0.101 | 1 | 1.84 | 0.102 | 0.49 | 0.7 | 8.0 | 0.19 | 0.48 | <5 | 0.2 | 0.09 | 6.6 | 1.16 | 0.1 |
| REP 2571132 | QC | 0.195 | 6.3 | 123.8 | 1.44 | 53.6 | 0.109 | 1 | 1.83 | 0.099 | 0.49 | 0.7 | 8.2 | 0.19 | 0.48 | <5 | 0.3 | 0.11 | 6.8 | 1.19 | 0.2 |
| 2571167 | Drill Core | 0.241 | 4.5 | 154.6 | 1.98 | 160.4 | 0.169 | 3 | 2.14 | 0.097 | 1.51 | 0.1 | 3.8 | 0.10 | 0.12 | <5 | <0.1 | <0.02 | 6.8 | 2.12 | 0.2 |
| REP 2571167 | QC | 0.221 | 4.5 | 147.5 | 2.00 | 164.7 | 0.167 | 2 | 2.20 | 0.106 | 1.50 | 0.2 | 4.0 | 0.10 | 0.11 | <5 | <0.1 | <0.02 | 6.7 | 2.09 | 0.1 |
| 2571200 | Drill Core | 0.098 | 10.9 | 5.8 | 0.47 | 22.0 | 0.054 | 2 | 1.13 | 0.081 | 0.17 | 0.1 | 3.7 | 0.04 | 0.81 | <5 | 0.4 | 0.12 | 5.0 | 0.24 | <0.1 |
| REP 2571200 | QC | 0.096 | 12.2 | 6.1 | 0.52 | 24.1 | 0.055 | 2 | 1.16 | 0.084 | 0.18 | 0.1 | 3.5 | 0.04 | 0.84 | <5 | 0.3 | 0.15 | 5.0 | 0.26 | <0.1 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571080 | Drill Core | 0.171 | 6.7 | 167.9 | 1.56 | 24.1 | 0.094 | 1 | 1.70 | 0.100 | 0.18 | 0.3 | 6.4 | 0.04 | 0.20 | <5 | 0.2 | 0.03 | 8.5 | 0.35 | <0.1 |
| DUP 2571080 | QC | 0.174 | 6.3 | 168.3 | 1.52 | 24.4 | 0.093 | 1 | 1.63 | 0.102 | 0.17 | 0.3 | 6.6 | 0.03 | 0.20 | <5 | 0.2 | 0.03 | 8.2 | 0.36 | <0.1 |
| 2571114 | Drill Core | 0.218 | 6.1 | 198.1 | 2.08 | 185.1 | 0.197 | 1 | 2.46 | 0.120 | 1.74 | 0.3 | 5.0 | 0.21 | 0.17 | <5 | <0.1 | 0.04 | 7.7 | 1.72 | 0.1 |
| DUP 2571114 | QC | 0.209 | 6.0 | 186.9 | 2.06 | 177.7 | 0.199 | 1 | 2.44 | 0.110 | 1.71 | 0.3 | 5.2 | 0.20 | 0.18 | <5 | <0.1 | 0.04 | 7.7 | 1.67 | 0.2 |
| 2571148 | Drill Core | 0.072 | 19.7 | 6.4 | 0.61 | 26.4 | 0.095 | 1 | 1.25 | 0.109 | 0.22 | 0.2 | 3.6 | 0.06 | 0.20 | <5 | <0.1 | <0.02 | 8.0 | 0.40 | <0.1 |
| DUP 2571148 | QC | 0.073 | 18.8 | 6.3 | 0.61 | 26.6 | 0.089 | <1 | 1.23 | 0.105 | 0.21 | 0.2 | 3.5 | 0.07 | 0.21 | <5 | <0.1 | 0.02 | 7.8 | 0.38 | 0.1 |
| 2571182 | Drill Core | 0.220 | 4.2 | 147.8 | 1.47 | 150.8 | 0.153 | 2 | 1.80 | 0.120 | 1.12 | 0.3 | 4.1 | 0.11 | 0.19 | <5 | <0.1 | <0.02 | 6.0 | 1.45 | 0.2 |
| DUP 2571182 | QC | 0.211 | 4.3 | 150.2 | 1.47 | 148.7 | 0.154 | 2 | 1.79 | 0.115 | 1.10 | 0.3 | 3.6 | 0.11 | 0.20 | <5 | <0.1 | 0.02 | 6.1 | 1.50 | 0.2 |
| 2571216 | Drill Core | 0.211 | 5.4 | 123.5 | 1.11 | 45.6 | 0.099 | <1 | 1.50 | 0.106 | 0.17 | 0.3 | 4.3 | 0.05 | 0.45 | <5 | 0.2 | 0.03 | 6.3 | 0.49 | 0.1 |
| DUP 2571216 | QC | 0.205 | 5.4 | 123.7 | 1.12 | 42.3 | 0.098 | <1 | 1.48 | 0.094 | 0.16 | 0.3 | 3.8 | 0.04 | 0.44 | <5 | 0.2 | 0.02 | 6.4 | 0.49 | 0.1 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.067 | 16.3 | 51.8 | 0.76 | 348.6 | 0.071 | 7 | 1.04 | 0.070 | 0.33 | 3.4 | 3.0 | 5.46 | 0.26 | 290 | 2.2 | 4.97 | 4.5 | 2.80 | <0.1 |
| STD DS10 | Standard | 0.069 | 16.2 | 56.0 | 0.78 | 362.8 | 0.074 | 7 | 1.07 | 0.071 | 0.34 | 3.3 | 3.1 | 5.57 | 0.27 | 317 | 2.2 | 5.33 | 4.3 | 2.85 | <0.1 |
| STD DS10 | Standard | 0.070 | 15.2 | 54.0 | 0.78 | 361.0 | 0.066 | 8 | 1.04 | 0.069 | 0.34 | 3.2 | 2.9 | 5.24 | 0.28 | 293 | 2.4 | 4.80 | 4.2 | 2.72 | <0.1 |
| STD DS10 | Standard | 0.074 | 17.0 | 57.9 | 0.78 | 390.0 | 0.073 | 8 | 1.05 | 0.069 | 0.33 | 3.9 | 3.2 | 5.59 | 0.27 | 331 | 2.3 | 5.46 | 4.2 | 2.92 | <0.1 |
| STD DS10 | Standard | 0.072 | 16.1 | 54.0 | 0.79 | 358.5 | 0.071 | 7 | 1.06 | 0.072 | 0.34 | 3.4 | 3.2 | 5.38 | 0.28 | 278 | 2.4 | 5.16 | 4.2 | 2.87 | <0.1 |
| STD OXC129 | Standard | 0.090 | 11.5 | 48.5 | 1.46 | 48.6 | 0.358 | 1 | 1.46 | 0.573 | 0.35 | <0.1 | 1.0 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.4 | 0.16 | <0.1 |

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Project: TRX16-01
Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001702.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 2571064 | Drill Core | 0.08 | 0.07 | 57.6 | 0.2 | <0.05 | 1.8 | 6.36 | 13.5 | <0.02 | 11 | 0.3 | 21.5 | <10 | 3 |
| REP 2571064 | QC | 0.08 | 0.09 | 56.5 | 0.3 | <0.05 | 1.7 | 6.07 | 12.7 | <0.02 | 11 | 0.3 | 20.7 | <10 | 4 |
| 2571097 | Drill Core | 0.09 | 0.09 | 33.7 | 0.2 | <0.05 | 1.7 | 6.05 | 13.0 | <0.02 | <1 | 0.3 | 27.8 | 15 | 4 |
| REP 2571097 | QC | 0.09 | 0.10 | 33.8 | 0.2 | <0.05 | 2.0 | 6.42 | 13.0 | <0.02 | <1 | 0.4 | 28.2 | 16 | 5 |
| 2571132 | Drill Core | 0.14 | 0.10 | 22.9 | 0.3 | <0.05 | 3.0 | 6.29 | 12.3 | 0.02 | 7 | 0.6 | 14.0 | <10 | 2 |
| REP 2571132 | QC | 0.10 | 0.10 | 23.2 | 0.4 | <0.05 | 3.4 | 6.31 | 12.4 | <0.02 | 5 | 0.6 | 14.8 | <10 | 3 |
| 2571167 | Drill Core | 0.08 | 0.07 | 33.7 | 0.2 | <0.05 | 1.9 | 5.93 | 9.3 | <0.02 | <1 | 0.3 | 36.1 | 14 | 4 |
| REP 2571167 | QC | 0.09 | 0.09 | 31.2 | 0.2 | <0.05 | 2.0 | 5.75 | 9.6 | <0.02 | <1 | 0.2 | 34.3 | 13 | 4 |
| 2571200 | Drill Core | 0.08 | 0.41 | 6.8 | 0.2 | <0.05 | 1.7 | 7.28 | 22.1 | <0.02 | 8 | 0.3 | 8.6 | <10 | <2 |
| REP 2571200 | QC | 0.09 | 0.39 | 7.2 | 0.2 | <0.05 | 1.8 | 7.79 | 24.1 | <0.02 | 8 | 0.3 | 9.1 | <10 | <2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2571080 | Drill Core | 0.10 | 0.08 | 3.5 | 0.3 | <0.05 | 2.9 | 5.88 | 13.1 | <0.02 | <1 | 0.3 | 13.8 | 10 | 4 |
| DUP 2571080 | QC | 0.11 | 0.08 | 3.5 | 0.3 | <0.05 | 2.8 | 5.88 | 12.4 | <0.02 | <1 | 0.3 | 12.9 | <10 | <2 |
| 2571114 | Drill Core | 0.09 | 0.09 | 40.7 | 0.3 | <0.05 | 2.1 | 6.11 | 12.1 | <0.02 | 10 | 0.3 | 26.4 | 14 | 5 |
| DUP 2571114 | QC | 0.10 | 0.11 | 40.5 | 0.3 | <0.05 | 2.0 | 5.85 | 12.0 | <0.02 | 11 | 0.3 | 28.6 | 12 | 5 |
| 2571148 | Drill Core | 0.20 | 1.35 | 10.6 | 0.7 | <0.05 | 4.7 | 5.81 | 40.1 | 0.02 | <1 | 0.4 | 9.9 | <10 | <2 |
| DUP 2571148 | QC | 0.19 | 1.30 | 10.4 | 0.6 | <0.05 | 4.7 | 5.79 | 38.0 | 0.02 | <1 | 0.4 | 10.1 | <10 | <2 |
| 2571182 | Drill Core | 0.11 | 0.10 | 27.1 | 0.2 | <0.05 | 2.2 | 5.26 | 8.9 | <0.02 | <1 | 0.3 | 23.6 | 11 | 4 |
| DUP 2571182 | QC | 0.10 | 0.09 | 27.8 | 0.2 | <0.05 | 2.3 | 5.49 | 9.0 | <0.02 | <1 | 0.3 | 22.7 | <10 | 5 |
| 2571216 | Drill Core | 0.13 | 0.11 | 5.0 | 0.2 | <0.05 | 3.2 | 5.86 | 10.9 | <0.02 | 2 | 0.4 | 11.7 | <10 | 3 |
| DUP 2571216 | QC | 0.13 | 0.09 | 4.7 | 0.2 | <0.05 | 3.4 | 5.74 | 10.6 | <0.02 | 2 | 0.4 | 13.0 | <10 | 2 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.05 | 1.55 | 26.2 | 1.5 | <0.05 | 2.4 | 7.92 | 33.8 | 0.22 | 49 | 0.6 | 18.4 | 124 | 196 |
| STD DS10 | Standard | 0.05 | 1.48 | 26.8 | 1.4 | <0.05 | 2.6 | 7.92 | 35.6 | 0.22 | 56 | 0.6 | 19.1 | 118 | 195 |
| STD DS10 | Standard | 0.05 | 1.37 | 24.8 | 1.4 | <0.05 | 2.3 | 7.23 | 32.5 | 0.20 | 49 | 0.5 | 20.3 | 124 | 175 |
| STD DS10 | Standard | 0.06 | 1.69 | 26.3 | 1.6 | <0.05 | 2.6 | 7.64 | 36.3 | 0.21 | 57 | 0.6 | 19.6 | 129 | 214 |
| STD DS10 | Standard | 0.06 | 1.50 | 26.9 | 1.4 | <0.05 | 2.4 | 7.64 | 34.7 | 0.21 | 44 | 0.7 | 21.2 | 127 | 195 |
| STD OXC129 | Standard | 0.27 | 1.73 | 13.7 | 0.6 | <0.05 | 20.3 | 4.31 | 22.2 | <0.02 | <1 | 0.9 | 2.1 | <10 | <2 |

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Project: TRX16-01
Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001702.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| STD OXC129 | Standard | | 1.32 | 24.37 | 6.36 | 43.1 | 9 | 77.6 | 22.5 | 434 | 3.06 | 0.6 | 0.6 | 195.4 | 1.8 | 191.3 | 0.01 | 0.03 | <0.02 | 49 | 0.66 |
| STD OXC129 | Standard | | 1.28 | 22.79 | 5.67 | 39.1 | 13 | 72.7 | 20.1 | 395 | 3.01 | 0.4 | 0.6 | 180.9 | 1.5 | 171.4 | 0.02 | 0.03 | <0.02 | 48 | 0.60 |
| STD OXC129 | Standard | | 1.35 | 24.23 | 6.43 | 42.7 | 15 | 88.8 | 22.4 | 429 | 3.12 | 0.5 | 0.7 | 212.0 | 1.8 | 197.5 | 0.03 | 0.03 | <0.02 | 50 | 0.66 |
| STD OXC129 | Standard | | 1.34 | 25.33 | 6.25 | 41.0 | 11 | 80.7 | 22.4 | 430 | 3.10 | 0.6 | 0.7 | 201.1 | 1.8 | 188.5 | 0.02 | 0.04 | <0.02 | 54 | 0.66 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | 0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.02 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.2 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.21 | 2.97 | 3.27 | 31.3 | 17 | 1.2 | 3.4 | 481 | 1.74 | 1.7 | 0.4 | 1.2 | 1.8 | 18.4 | 0.05 | 0.11 | 0.02 | 20 | 0.66 |
| ROCK-VAN | Prep Blank | | 1.14 | 2.90 | 9.54 | 41.3 | 34 | 1.3 | 3.4 | 477 | 1.68 | 1.5 | 0.4 | 0.2 | 1.8 | 18.3 | 0.09 | 0.14 | <0.02 | 20 | 0.65 |

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Project: TRX16-01
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# QUALITY CONTROL REPORT VAN16001702.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| STD OXC129 | Standard | 0.090 | 11.9 | 51.4 | 1.53 | 52.1 | 0.389 | 1 | 1.55 | 0.603 | 0.36 | <0.1 | 1.0 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.7 | 0.17 | <0.1 |
| STD OXC129 | Standard | 0.088 | 10.7 | 49.1 | 1.51 | 48.8 | 0.354 | 1 | 1.48 | 0.581 | 0.36 | <0.1 | 1.1 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.15 | <0.1 |
| STD OXC129 | Standard | 0.103 | 11.6 | 55.5 | 1.57 | 55.5 | 0.398 | <1 | 1.58 | 0.597 | 0.37 | <0.1 | 1.1 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.17 | <0.1 |
| STD OXC129 | Standard | 0.095 | 12.0 | 51.8 | 1.56 | 48.7 | 0.403 | 1 | 1.54 | 0.590 | 0.37 | <0.1 | 1.2 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.1 | 0.17 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.037 | 5.2 | 2.8 | 0.45 | 60.1 | 0.061 | 2 | 0.87 | 0.099 | 0.10 | <0.1 | 2.8 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | 3.8 | 0.24 | <0.1 |
| ROCK-VAN | Prep Blank | 0.037 | 5.1 | 2.8 | 0.44 | 58.1 | 0.058 | 2 | 0.85 | 0.098 | 0.10 | <0.1 | 2.6 | <0.02 | 0.02 | 9 | <0.1 | <0.02 | 3.6 | 0.24 | <0.1 |

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Bureau Veritas Commodities Canada Ltd.

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: September 30, 2016



# QUALITY CONTROL REPORT VAN16001702.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| STD OXC129 | Standard | 0.28 | 1.43 | 14.5 | 0.6 | <0.05 | 22.5 | 4.49 | 22.7 | <0.02 | <1 | 0.9 | 2.2 | <10 | <2 |
| STD OXC129 | Standard | 0.28 | 1.54 | 12.9 | 0.6 | <0.05 | 19.4 | 4.07 | 20.6 | <0.02 | <1 | 1.1 | 2.2 | 12 | <2 |
| STD OXC129 | Standard | 0.28 | 1.28 | 14.9 | 0.6 | <0.05 | 21.7 | 4.63 | 23.5 | <0.02 | <1 | 0.8 | 2.3 | 22 | <2 |
| STD OXC129 | Standard | 0.27 | 1.71 | 14.4 | 0.7 | <0.05 | 23.5 | 4.44 | 22.8 | <0.02 | <1 | 0.7 | 2.2 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.12 | 0.22 | 2.4 | 0.4 | <0.05 | 3.3 | 8.08 | 11.0 | <0.02 | <1 | 0.3 | 1.6 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.13 | 0.20 | 2.3 | 0.3 | <0.05 | 3.1 | 7.61 | 10.8 | <0.02 | <1 | 0.2 | 1.5 | <10 | <2 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 21, 2016 |
| Report Date: | October 04, 2016 |
| Page: | 1 of 8 |

# CERTIFICATE OF ANALYSIS VAN16001703.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01_3 |
| P.O. Number | TRX16-01_3 |
| Number of Samples: | 186 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 176 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| PUL85 | 5 | Pulverize to 85% passing 200 mesh | | | VAN |
| SPTRF | 5 | Split samples by riffle splitter | | | VAN |
| AQ251_EXT | 186 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 186 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 176 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PHONE (604) 253-3158

**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571217 | Drill Core | 1.53 | 0.90 | 79.47 | 1.50 | 50.0 | 64 | 25.5 | 24.8 | 641 | 3.79 | 9.1 | 0.5 | 1.5 | 0.8 | 135.1 | 0.08 | 0.22 | 0.03 | 137 | 3.06 |
| 2571218 | Drill Core | 3.52 | 2.68 | 79.43 | 4.74 | 77.1 | 323 | 38.3 | 26.2 | 1050 | 4.96 | 31.7 | 0.3 | 0.4 | 0.8 | 173.8 | 0.24 | 0.40 | 0.06 | 205 | 4.26 |
| 2571219 | Drill Core | 2.56 | 3.92 | 77.29 | 6.67 | 78.8 | 394 | 49.0 | 26.4 | 852 | 5.08 | 26.0 | 0.6 | <0.2 | 1.1 | 239.7 | 0.26 | 0.62 | 0.07 | 219 | 4.22 |
| 2571220 | Rock | 1.28 | 0.10 | 0.23 | 0.09 | 0.2 | 3 | <0.1 | 0.2 | 18 | 0.02 | 0.8 | 1.5 | <0.2 | <0.1 | >2000 | 0.01 | <0.02 | <0.02 | <2 | 36.76 |
| 2571221 | Drill Core | 3.24 | 2.34 | 86.63 | 4.49 | 63.2 | 121 | 54.8 | 29.5 | 1070 | 5.01 | 1.6 | 1.0 | 1.8 | 0.6 | 247.5 | 0.16 | 0.81 | 0.05 | 188 | 7.35 |
| 2571222 | Drill Core | 2.70 | 1.74 | 68.97 | 6.93 | 92.9 | 126 | 40.3 | 26.1 | 1054 | 4.85 | 7.2 | 0.9 | 1.7 | 0.7 | 204.5 | 0.23 | 1.10 | 0.04 | 191 | 5.96 |
| 2571223 | Drill Core | 2.04 | 7.60 | 69.27 | 16.72 | 387.2 | 692 | 52.8 | 12.6 | 534 | 3.51 | 16.6 | 0.9 | <0.2 | 2.4 | 175.0 | 6.69 | 3.19 | 0.18 | 228 | 3.50 |
| 2571224 | Drill Core | 3.36 | 2.13 | 41.87 | 15.69 | 99.5 | 478 | 25.0 | 10.7 | 399 | 2.82 | 5.1 | 1.5 | 1.9 | 5.3 | 149.8 | 0.36 | 2.00 | 0.25 | 104 | 1.66 |
| 2571225 | Core DUP | | 2.05 | 38.69 | 15.41 | 90.4 | 456 | 23.6 | 9.6 | 399 | 2.74 | 4.8 | 1.4 | <0.2 | 5.1 | 144.0 | 0.37 | 1.89 | 0.23 | 102 | 1.68 |
| 2571226 | Drill Core | 3.61 | 5.54 | 68.81 | 22.60 | 190.3 | 688 | 42.0 | 13.5 | 542 | 3.49 | 1.1 | 0.8 | <0.2 | 2.3 | 99.6 | 2.61 | 2.59 | 0.15 | 151 | 2.77 |
| 2571227 | Drill Core | 2.63 | 3.40 | 48.12 | 17.00 | 181.2 | 579 | 31.1 | 13.0 | 475 | 3.40 | 6.1 | 1.0 | 1.0 | 4.4 | 154.2 | 2.24 | 1.62 | 0.58 | 147 | 2.01 |
| 2571228 | Drill Core | 4.02 | 0.35 | 4.52 | 12.08 | 94.0 | 46 | 2.4 | 4.0 | 501 | 2.45 | 0.9 | 1.7 | 5.8 | 6.1 | 162.3 | 0.07 | 0.14 | 0.05 | 31 | 1.38 |
| 2571229 | Drill Core | 4.13 | 0.16 | 1.82 | 14.72 | 71.4 | 26 | 1.9 | 4.0 | 461 | 2.40 | 1.0 | 1.3 | 2.4 | 5.6 | 98.2 | 0.04 | 0.11 | 0.05 | 25 | 1.94 |
| 2571230 | Rock Pulp | 0.11 | 222.07 | 2637.54 | 51.01 | 283.3 | 3161 | 9.5 | 20.1 | 210 | 3.25 | 24.7 | 6.4 | 243.4 | 12.1 | 48.1 | 2.68 | 7.16 | 4.34 | 42 | 0.91 |
| 2571231 | Drill Core | 2.79 | 0.74 | 4.83 | 13.71 | 87.5 | 51 | 2.4 | 4.1 | 527 | 2.46 | 1.3 | 1.3 | 1.2 | 4.4 | 117.0 | 0.08 | 0.23 | 0.14 | 25 | 1.93 |
| 2571232 | Drill Core | 4.08 | 3.19 | 61.81 | 16.02 | 223.0 | 606 | 38.7 | 13.7 | 533 | 3.66 | 9.7 | 0.6 | <0.2 | 2.3 | 248.9 | 2.97 | 2.62 | 0.20 | 152 | 2.14 |
| 2571233 | Drill Core | 4.44 | 1.78 | 69.79 | 13.19 | 145.5 | 419 | 35.1 | 14.8 | 495 | 3.80 | 14.6 | 0.4 | <0.2 | 2.2 | 181.0 | 0.81 | 1.65 | 0.15 | 137 | 1.65 |
| 2571234 | Drill Core | 4.07 | 3.92 | 68.48 | 13.13 | 220.9 | 440 | 43.2 | 15.2 | 593 | 3.70 | 17.4 | 0.5 | <0.2 | 2.1 | 148.7 | 2.33 | 2.34 | 0.14 | 156 | 3.32 |
| 2571235 | Drill Core | 2.35 | 2.30 | 55.66 | 10.70 | 94.8 | 284 | 23.6 | 12.7 | 549 | 3.58 | 11.2 | 0.4 | <0.2 | 2.1 | 133.6 | 0.41 | 1.61 | 0.13 | 114 | 2.11 |
| 2571236 | Drill Core | 2.34 | 3.87 | 46.96 | 9.68 | 207.3 | 233 | 22.0 | 12.4 | 780 | 3.22 | 11.7 | 0.4 | <0.2 | 1.7 | 138.6 | 2.08 | 1.72 | 0.10 | 125 | 4.08 |
| 2571237 | Drill Core | 4.18 | 2.62 | 37.25 | 14.56 | 84.4 | 317 | 15.4 | 11.3 | 663 | 2.61 | 255.3 | 0.5 | <0.2 | 1.7 | 308.0 | 0.46 | 4.43 | 0.16 | 28 | 5.62 |
| 2571238 | Drill Core | 4.61 | 7.92 | 54.19 | 21.36 | 100.6 | 534 | 31.1 | 12.0 | 733 | 3.01 | 52.1 | 1.2 | 0.4 | 1.5 | 229.3 | 0.84 | 6.59 | 0.14 | 40 | 8.09 |
| 2571239 | Drill Core | 3.70 | 0.30 | 6.44 | 13.95 | 98.7 | 159 | 2.6 | 5.0 | 537 | 2.59 | 8.7 | 2.3 | 13.9 | 8.3 | 215.0 | 0.15 | 0.37 | 0.51 | 29 | 1.56 |
| 2571240 | Drill Core | 4.00 | 0.24 | 4.43 | 11.13 | 78.4 | 67 | 2.2 | 4.6 | 491 | 2.46 | 1.1 | 2.2 | 3.8 | 8.0 | 193.4 | 0.03 | 0.19 | 0.06 | 28 | 1.65 |
| 2571241 | Drill Core | 3.73 | 0.21 | 3.56 | 16.39 | 88.3 | 61 | 2.2 | 4.0 | 555 | 2.38 | 41.4 | 2.3 | 11.6 | 9.4 | 241.9 | 0.04 | 2.42 | 0.06 | 24 | 2.03 |
| 2571242 | Drill Core | 4.07 | 0.17 | 4.50 | 15.22 | 84.7 | 60 | 2.0 | 4.2 | 558 | 2.38 | 4.5 | 2.4 | 7.9 | 8.9 | 166.7 | 0.04 | 0.39 | 0.08 | 25 | 1.90 |
| 2571243 | Drill Core | 4.18 | 0.42 | 5.90 | 17.46 | 88.9 | 110 | 2.4 | 4.0 | 520 | 2.44 | 3.3 | 2.5 | 17.5 | 9.2 | 126.5 | 0.08 | 0.41 | 0.22 | 23 | 2.05 |
| 2571244 | Drill Core | 1.35 | 4.76 | 53.77 | 31.13 | 119.7 | 487 | 15.2 | 11.3 | 730 | 3.06 | 301.9 | 0.5 | 1.8 | 1.4 | 254.4 | 1.01 | 10.03 | 0.39 | 37 | 8.27 |
| 2571245 | Drill Core | 1.43 | 4.51 | 47.86 | 31.63 | 122.6 | 496 | 15.1 | 11.7 | 630 | 3.01 | 233.6 | 0.6 | 1.3 | 1.4 | 176.2 | 1.02 | 6.18 | 0.38 | 40 | 5.96 |
| 2571246 | Drill Core | 4.27 | 5.62 | 54.90 | 15.18 | 100.8 | 481 | 17.0 | 12.3 | 745 | 3.55 | 38.0 | 0.4 | 1.3 | 1.8 | 124.9 | 0.59 | 1.71 | 0.29 | 64 | 3.71 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571217 | Drill Core | 0.116 | 4.3 | 44.9 | 1.56 | 448.6 | 0.248 | 2 | 2.60 | 0.187 | 1.58 | 0.1 | 6.2 | 0.39 | 0.33 | <5 | 0.3 | 0.02 | 7.6 | 2.82 | 0.2 |
| 2571218 | Drill Core | 0.094 | 3.5 | 95.4 | 2.34 | 254.3 | 0.256 | 2 | 3.93 | 0.341 | 2.42 | 0.2 | 17.3 | 0.61 | 1.25 | 7 | 0.6 | 0.04 | 10.8 | 3.09 | 0.1 |
| 2571219 | Drill Core | 0.101 | 4.8 | 109.4 | 2.49 | 196.5 | 0.238 | 1 | 4.34 | 0.432 | 2.27 | 0.2 | 17.0 | 0.65 | 2.00 | 5 | 0.8 | 0.03 | 10.9 | 2.65 | 0.2 |
| 2571220 | Rock | 0.004 | <0.5 | <0.5 | 1.52 | 7.4 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.7 | <0.02 | 0.03 | <5 | <0.1 | 0.30 | <0.1 | <0.02 | <0.1 |
| 2571221 | Drill Core | 0.101 | 4.4 | 141.5 | 2.11 | 109.5 | 0.238 | 2 | 3.05 | 0.220 | 1.49 | 0.2 | 13.4 | 0.54 | 2.97 | 5 | 0.7 | 0.05 | 8.0 | 3.10 | 0.2 |
| 2571222 | Drill Core | 0.121 | 5.5 | 108.1 | 2.01 | 115.2 | 0.250 | 1 | 2.84 | 0.229 | 1.24 | 0.1 | 15.0 | 0.79 | 2.54 | <5 | 1.2 | 0.05 | 8.6 | 2.65 | 0.2 |
| 2571223 | Drill Core | 0.083 | 8.5 | 83.4 | 0.99 | 65.2 | 0.141 | 1 | 2.56 | 0.364 | 0.75 | 0.2 | 9.7 | 0.79 | 2.00 | 27 | 12.4 | 0.09 | 8.2 | 1.75 | 0.1 |
| 2571224 | Drill Core | 0.075 | 10.1 | 53.5 | 1.16 | 95.3 | 0.134 | 6 | 2.43 | 0.274 | 0.78 | 0.2 | 8.2 | 0.71 | 1.22 | 16 | 3.1 | 0.04 | 7.8 | 1.85 | <0.1 |
| 2571225 | Core DUP | 0.076 | 9.3 | 51.7 | 1.14 | 92.4 | 0.129 | 3 | 2.38 | 0.271 | 0.78 | 0.2 | 7.7 | 0.67 | 1.25 | 14 | 3.1 | 0.05 | 7.3 | 1.80 | <0.1 |
| 2571226 | Drill Core | 0.091 | 6.7 | 71.0 | 1.01 | 51.4 | 0.148 | 3 | 2.07 | 0.161 | 0.51 | 0.4 | 9.2 | 0.58 | 1.91 | 15 | 7.3 | 0.06 | 7.5 | 1.59 | <0.1 |
| 2571227 | Drill Core | 0.100 | 9.7 | 54.4 | 1.33 | 97.7 | 0.160 | <1 | 2.69 | 0.288 | 0.93 | 0.2 | 9.6 | 0.83 | 1.41 | 20 | 5.0 | 0.04 | 8.8 | 2.30 | <0.1 |
| 2571228 | Drill Core | 0.080 | 23.5 | 4.2 | 0.54 | 109.7 | 0.132 | 2 | 1.70 | 0.113 | 0.49 | 0.2 | 3.9 | 0.30 | 0.07 | 9 | <0.1 | <0.02 | 9.6 | 1.11 | <0.1 |
| 2571229 | Drill Core | 0.074 | 20.1 | 3.3 | 0.49 | 43.5 | 0.100 | 4 | 1.38 | 0.051 | 0.23 | 0.1 | 2.8 | 0.12 | <0.02 | <5 | <0.1 | <0.02 | 7.6 | 0.44 | <0.1 |
| 2571230 | Rock Pulp | 0.050 | 23.1 | 74.1 | 0.65 | 62.4 | 0.044 | 1 | 1.32 | 0.030 | 0.56 | 3.5 | 5.7 | 0.42 | 2.01 | 77 | 2.7 | 0.35 | 3.9 | 2.33 | <0.1 |
| 2571231 | Drill Core | 0.072 | 17.0 | 3.8 | 0.52 | 50.8 | 0.132 | 3 | 1.52 | 0.072 | 0.24 | 0.3 | 2.7 | 0.10 | 0.08 | 10 | <0.1 | <0.02 | 7.6 | 0.44 | <0.1 |
| 2571232 | Drill Core | 0.093 | 7.4 | 72.6 | 1.08 | 85.2 | 0.161 | 3 | 2.56 | 0.295 | 0.70 | 0.2 | 9.8 | 0.54 | 1.79 | 27 | 6.5 | 0.05 | 7.7 | 2.45 | 0.1 |
| 2571233 | Drill Core | 0.090 | 7.1 | 76.0 | 1.14 | 127.7 | 0.176 | 2 | 2.91 | 0.381 | 0.90 | 0.1 | 11.3 | 0.77 | 1.60 | 17 | 3.2 | 0.06 | 9.6 | 3.45 | <0.1 |
| 2571234 | Drill Core | 0.094 | 6.9 | 66.6 | 1.04 | 85.8 | 0.145 | 3 | 2.62 | 0.343 | 0.72 | 0.1 | 9.3 | 0.78 | 1.97 | 28 | 4.0 | 0.05 | 8.4 | 2.85 | <0.1 |
| 2571235 | Drill Core | 0.094 | 6.8 | 41.6 | 1.13 | 127.8 | 0.155 | 2 | 2.68 | 0.313 | 0.78 | 0.1 | 7.5 | 0.70 | 1.56 | 20 | 1.4 | 0.06 | 7.7 | 2.53 | <0.1 |
| 2571236 | Drill Core | 0.108 | 6.8 | 26.8 | 1.03 | 169.1 | 0.120 | <1 | 1.93 | 0.150 | 0.62 | 0.1 | 5.9 | 0.60 | 1.14 | 15 | 2.2 | 0.05 | 6.4 | 2.09 | <0.1 |
| 2571237 | Drill Core | 0.115 | 7.6 | 10.1 | 0.48 | 77.9 | 0.007 | 5 | 1.14 | 0.059 | 0.34 | <0.1 | 3.8 | 0.21 | 1.32 | 10 | 0.8 | 0.06 | 2.9 | 0.86 | <0.1 |
| 2571238 | Drill Core | 0.114 | 7.1 | 21.7 | 0.60 | 67.3 | 0.010 | 3 | 1.11 | 0.043 | 0.29 | 0.2 | 3.6 | 0.27 | 1.99 | 14 | 1.0 | 0.08 | 3.4 | 0.92 | <0.1 |
| 2571239 | Drill Core | 0.070 | 29.0 | 4.1 | 0.57 | 85.9 | 0.112 | 2 | 1.45 | 0.095 | 0.22 | 0.5 | 3.5 | 0.12 | 0.29 | 7 | 0.1 | 0.03 | 8.4 | 0.58 | <0.1 |
| 2571240 | Drill Core | 0.075 | 22.0 | 3.4 | 0.52 | 53.5 | 0.112 | 2 | 1.39 | 0.063 | 0.21 | 0.3 | 3.5 | 0.10 | 0.26 | 7 | <0.1 | 0.04 | 7.6 | 0.55 | <0.1 |
| 2571241 | Drill Core | 0.074 | 27.8 | 3.3 | 0.49 | 53.4 | 0.044 | 4 | 1.40 | 0.059 | 0.26 | 0.1 | 2.6 | 0.12 | 0.21 | 12 | <0.1 | 0.03 | 7.1 | 0.81 | <0.1 |
| 2571242 | Drill Core | 0.072 | 23.8 | 3.3 | 0.49 | 54.6 | 0.069 | 3 | 1.32 | 0.062 | 0.26 | 0.2 | 2.7 | 0.12 | 0.27 | 10 | <0.1 | <0.02 | 7.4 | 0.67 | <0.1 |
| 2571243 | Drill Core | 0.077 | 27.9 | 3.7 | 0.49 | 58.5 | 0.051 | 5 | 1.36 | 0.078 | 0.29 | 0.4 | 2.5 | 0.14 | 0.33 | 8 | <0.1 | 0.03 | 7.6 | 0.72 | <0.1 |
| 2571244 | Drill Core | 0.119 | 7.9 | 7.9 | 0.54 | 45.0 | 0.068 | 2 | 1.49 | 0.093 | 0.24 | 0.8 | 2.7 | 0.20 | 1.45 | 129 | 0.7 | 0.13 | 5.3 | 0.72 | <0.1 |
| 2571245 | Drill Core | 0.118 | 6.7 | 9.2 | 0.54 | 50.5 | 0.073 | 3 | 1.54 | 0.087 | 0.30 | 0.8 | 3.0 | 0.18 | 1.36 | 69 | 0.6 | 0.12 | 5.3 | 0.68 | <0.1 |
| 2571246 | Drill Core | 0.129 | 8.1 | 15.9 | 0.67 | 35.1 | 0.144 | <1 | 1.78 | 0.138 | 0.18 | 0.6 | 3.9 | 0.14 | 1.60 | 17 | 0.4 | 0.10 | 6.7 | 0.54 | <0.1 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571217 | Drill Core | 0.09 | 0.09 | 41.2 | 0.3 | <0.05 | 3.2 | 7.12 | 8.6 | <0.02 | 2 | 0.2 | 20.3 | <10 | <2 |
| 2571218 | Drill Core | 0.04 | 0.06 | 60.6 | 0.5 | <0.05 | 1.4 | 7.37 | 7.3 | 0.04 | 4 | 0.1 | 30.0 | <10 | <2 |
| 2571219 | Drill Core | 0.07 | 0.06 | 57.6 | 0.6 | <0.05 | 2.2 | 7.62 | 9.4 | 0.04 | 7 | 0.3 | 30.6 | <10 | <2 |
| 2571220 | Rock | <0.02 | 0.04 | <0.1 | <0.1 | <0.05 | <0.1 | 0.36 | 0.1 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2571221 | Drill Core | 0.13 | 0.09 | 35.0 | 0.4 | <0.05 | 3.4 | 7.43 | 8.7 | 0.03 | 3 | <0.1 | 25.3 | <10 | <2 |
| 2571222 | Drill Core | 0.12 | 0.09 | 39.6 | 0.5 | <0.05 | 3.1 | 8.27 | 10.5 | 0.03 | 2 | 0.1 | 23.9 | <10 | 2 |
| 2571223 | Drill Core | 0.17 | 0.13 | 48.0 | 0.7 | <0.05 | 5.9 | 8.45 | 13.7 | 0.06 | 10 | 0.5 | 14.2 | <10 | <2 |
| 2571224 | Drill Core | 0.34 | 0.12 | 48.5 | 0.6 | <0.05 | 10.3 | 8.07 | 17.2 | 0.03 | 3 | 0.8 | 17.2 | <10 | <2 |
| 2571225 | Core DUP | 0.31 | 0.10 | 45.3 | 1.4 | <0.05 | 9.3 | 7.29 | 16.0 | 0.03 | 4 | 0.6 | 15.2 | <10 | <2 |
| 2571226 | Drill Core | 0.18 | 0.12 | 36.0 | 3.0 | <0.05 | 5.3 | 8.50 | 11.3 | 0.03 | 7 | 0.5 | 18.9 | <10 | <2 |
| 2571227 | Drill Core | 0.22 | 0.09 | 55.5 | 0.7 | <0.05 | 7.5 | 8.07 | 17.1 | 0.04 | 5 | 0.8 | 21.2 | <10 | <2 |
| 2571228 | Drill Core | 0.34 | 1.16 | 33.3 | 1.2 | <0.05 | 6.2 | 6.07 | 39.3 | 0.03 | <1 | 0.4 | 18.2 | <10 | <2 |
| 2571229 | Drill Core | 0.38 | 1.06 | 13.3 | 0.8 | <0.05 | 7.7 | 6.18 | 33.8 | 0.03 | <1 | 0.6 | 17.4 | <10 | <2 |
| 2571230 | Rock Pulp | 0.09 | 0.08 | 37.2 | 1.4 | <0.05 | 3.4 | 8.93 | 38.2 | 0.09 | 40 | 0.2 | 6.1 | <10 | <2 |
| 2571231 | Drill Core | 0.27 | 1.31 | 13.7 | 1.0 | <0.05 | 6.3 | 5.92 | 30.7 | 0.03 | <1 | 0.3 | 20.5 | <10 | <2 |
| 2571232 | Drill Core | 0.13 | 0.12 | 40.7 | 0.5 | <0.05 | 4.0 | 8.26 | 12.1 | 0.05 | 5 | 0.5 | 19.3 | <10 | <2 |
| 2571233 | Drill Core | 0.09 | 0.10 | 51.5 | 0.5 | <0.05 | 2.7 | 8.75 | 12.0 | 0.04 | 3 | 0.4 | 18.5 | <10 | <2 |
| 2571234 | Drill Core | 0.09 | 0.12 | 41.2 | 0.6 | <0.05 | 3.0 | 8.51 | 12.3 | 0.05 | 5 | 0.3 | 16.1 | <10 | 3 |
| 2571235 | Drill Core | 0.08 | 0.14 | 37.5 | 0.4 | <0.05 | 2.7 | 7.92 | 11.7 | 0.03 | 3 | 0.6 | 15.5 | <10 | <2 |
| 2571236 | Drill Core | 0.06 | 0.10 | 26.6 | 0.3 | <0.05 | 2.1 | 8.91 | 12.5 | 0.03 | 4 | 0.4 | 14.4 | <10 | <2 |
| 2571237 | Drill Core | 0.07 | <0.02 | 17.7 | 0.2 | <0.05 | 2.8 | 9.64 | 14.2 | 0.04 | 2 | 0.4 | 5.4 | <10 | <2 |
| 2571238 | Drill Core | 0.14 | 0.03 | 16.2 | 0.3 | <0.05 | 5.9 | 10.29 | 12.0 | 0.03 | 5 | 0.5 | 11.5 | <10 | <2 |
| 2571239 | Drill Core | 0.20 | 1.09 | 12.6 | 1.0 | <0.05 | 5.1 | 6.69 | 48.9 | 0.04 | <1 | 0.4 | 18.2 | <10 | <2 |
| 2571240 | Drill Core | 0.20 | 1.19 | 12.5 | 0.9 | <0.05 | 4.6 | 5.53 | 37.4 | 0.03 | <1 | 0.3 | 18.0 | <10 | <2 |
| 2571241 | Drill Core | 0.23 | 0.55 | 15.1 | 0.6 | <0.05 | 5.8 | 6.64 | 47.0 | 0.03 | <1 | 0.4 | 15.6 | <10 | <2 |
| 2571242 | Drill Core | 0.21 | 0.82 | 15.8 | 0.7 | <0.05 | 5.1 | 6.58 | 41.0 | <0.02 | <1 | 0.5 | 16.2 | <10 | <2 |
| 2571243 | Drill Core | 0.16 | 0.57 | 17.1 | 0.6 | <0.05 | 4.9 | 6.83 | 48.5 | 0.03 | <1 | 0.4 | 15.5 | <10 | <2 |
| 2571244 | Drill Core | 0.09 | 0.17 | 14.3 | 0.4 | <0.05 | 3.3 | 10.06 | 14.1 | 0.03 | 4 | 1.2 | 10.3 | <10 | <2 |
| 2571245 | Drill Core | 0.09 | 0.15 | 16.0 | 0.3 | <0.05 | 3.5 | 8.99 | 12.4 | <0.02 | 5 | 1.0 | 9.9 | <10 | <2 |
| 2571246 | Drill Core | 0.12 | 0.32 | 11.8 | 0.4 | <0.05 | 4.2 | 8.47 | 14.5 | 0.02 | 6 | 0.5 | 16.9 | <10 | <2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571247 | Drill Core | 4.46 | 9.32 | 61.79 | 20.79 | 110.1 | 433 | 29.9 | 13.8 | 687 | 3.63 | 72.4 | 0.9 | 0.3 | 1.8 | 181.4 | 0.63 | 0.93 | 0.32 | 66 | 4.85 |
| 2571248 | Drill Core | 3.85 | 6.02 | 8.15 | 11.84 | 88.5 | 90 | 5.5 | 5.0 | 502 | 2.72 | 5.1 | 2.0 | 6.8 | 7.8 | 183.3 | 0.06 | 0.24 | 0.08 | 32 | 1.84 |
| 2571249 | Drill Core | 4.27 | 0.82 | 6.83 | 10.87 | 79.1 | 65 | 4.2 | 4.2 | 567 | 2.54 | 5.2 | 2.2 | 8.4 | 7.5 | 191.0 | 0.07 | 0.24 | 0.05 | 30 | 1.73 |
| 2571250 | Drill Core | 4.26 | 0.15 | 4.00 | 8.03 | 68.8 | 44 | 3.5 | 3.6 | 531 | 2.41 | 0.9 | 1.5 | 2.8 | 7.0 | 121.0 | 0.05 | 0.09 | 0.04 | 29 | 1.27 |
| 2571251 | Drill Core | 2.16 | 0.20 | 4.18 | 10.65 | 80.2 | 45 | 3.4 | 3.9 | 556 | 2.38 | 1.4 | 1.6 | 6.0 | 7.7 | 94.7 | 0.09 | 0.11 | 0.04 | 26 | 1.42 |
| 2571252 | Drill Core | 4.50 | 0.12 | 1.30 | 12.55 | 76.2 | 31 | 3.1 | 3.6 | 528 | 2.42 | 1.4 | 1.6 | 2.1 | 7.8 | 106.5 | 0.06 | 0.08 | <0.02 | 25 | 1.43 |
| 2571253 | Drill Core | 4.25 | 0.18 | 2.84 | 9.73 | 79.6 | 42 | 3.4 | 3.7 | 532 | 2.44 | 0.7 | 1.7 | 4.8 | 7.7 | 169.1 | 0.09 | 0.17 | 0.03 | 27 | 1.43 |
| 2571254 | Drill Core | 4.32 | 0.18 | 2.35 | 9.79 | 78.9 | 28 | 3.7 | 3.8 | 571 | 2.53 | 1.4 | 2.1 | 3.9 | 8.1 | 484.1 | 0.05 | 0.15 | 0.04 | 31 | 1.65 |
| 2571255 | Drill Core | 3.75 | 0.11 | 4.70 | 12.40 | 70.5 | 55 | 3.3 | 4.0 | 554 | 2.31 | 1.4 | 1.8 | 1.5 | 7.0 | 707.4 | 0.05 | 0.34 | 0.03 | 28 | 1.98 |
| 2571256 | Drill Core | 3.89 | 0.29 | 5.41 | 9.37 | 77.8 | 57 | 3.4 | 4.0 | 511 | 2.32 | 0.8 | 1.7 | 3.0 | 7.0 | 258.7 | 0.06 | 0.20 | 0.05 | 29 | 1.35 |
| 2571257 | Drill Core | 2.14 | 0.39 | 4.76 | 8.16 | 79.8 | 58 | 4.0 | 4.7 | 549 | 2.64 | 1.7 | 1.7 | 2.2 | 7.7 | 295.1 | 0.06 | 0.30 | 0.09 | 31 | 1.62 |
| 2571258 | Drill Core | 4.11 | 5.02 | 33.86 | 9.97 | 57.9 | 189 | 11.5 | 8.5 | 641 | 2.54 | 9.1 | 0.6 | 0.5 | 1.9 | 224.0 | 0.23 | 1.60 | 0.12 | 48 | 4.62 |
| 2571259 | Drill Core | 3.87 | 0.97 | 6.05 | 13.87 | 91.0 | 127 | 3.7 | 3.8 | 630 | 2.47 | 1.1 | 1.9 | 0.4 | 9.0 | 126.3 | 0.09 | 0.36 | 0.61 | 25 | 1.66 |
| 2571260 | Rock | 1.08 | 0.06 | 0.17 | 0.12 | 0.3 | 2 | 0.8 | <0.1 | 19 | 0.03 | 0.3 | 1.5 | 0.3 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.93 |
| 2571261 | Drill Core | 3.99 | 0.25 | 2.63 | 11.70 | 76.0 | 48 | 3.1 | 3.7 | 569 | 2.34 | 3.5 | 1.8 | 0.4 | 8.6 | 132.3 | 0.05 | 0.57 | 0.16 | 18 | 1.90 |
| 2571262 | Drill Core | 4.10 | 0.22 | 2.97 | 14.38 | 71.9 | 38 | 3.2 | 3.8 | 617 | 2.18 | 6.8 | 2.2 | 0.8 | 9.0 | 197.0 | 0.07 | 0.74 | 0.10 | 11 | 2.37 |
| 2571263 | Drill Core | 2.69 | 0.61 | 5.04 | 21.08 | 92.8 | 76 | 2.9 | 3.4 | 564 | 2.17 | 3.6 | 1.8 | 0.9 | 8.7 | 214.9 | 0.07 | 1.00 | 0.17 | 12 | 2.20 |
| 2571264 | Drill Core | 2.52 | 8.31 | 50.59 | 18.80 | 85.2 | 242 | 26.0 | 12.2 | 668 | 3.34 | 26.1 | 1.1 | <0.2 | 1.4 | 380.4 | 0.45 | 10.16 | 0.32 | 59 | 5.40 |
| 2571265 | Core DUP | | 8.13 | 50.18 | 18.48 | 84.8 | 237 | 24.2 | 12.1 | 646 | 3.29 | 25.4 | 1.0 | <0.2 | 1.4 | 363.5 | 0.40 | 10.17 | 0.34 | 57 | 5.32 |
| 2571266 | Drill Core | 4.04 | 13.37 | 43.41 | 16.81 | 72.4 | 264 | 32.7 | 11.0 | 537 | 3.05 | 19.7 | 1.5 | <0.2 | 2.1 | 505.5 | 0.39 | 5.44 | 0.15 | 57 | 6.69 |
| 2571267 | Drill Core | 4.58 | 20.18 | 61.60 | 17.80 | 73.5 | 431 | 36.3 | 12.1 | 445 | 2.91 | 36.8 | 1.6 | <0.2 | 1.8 | 330.7 | 0.48 | 4.74 | 0.18 | 42 | 7.84 |
| 2571268 | Drill Core | 4.19 | 31.91 | 59.93 | 20.52 | 104.6 | 490 | 64.6 | 11.3 | 420 | 2.69 | 50.5 | 1.5 | <0.2 | 1.3 | 400.5 | 0.83 | 7.31 | 0.14 | 29 | 8.25 |
| 2571269 | Drill Core | 3.32 | 19.03 | 64.01 | 26.24 | 183.2 | 766 | 55.0 | 12.0 | 478 | 3.02 | 34.4 | 0.8 | <0.2 | 1.2 | 263.7 | 2.25 | 7.19 | 0.13 | 44 | 6.19 |
| 2571270 | Rock Pulp | 0.10 | 208.65 | 2483.75 | 53.15 | 287.5 | 3234 | 9.0 | 18.1 | 210 | 3.18 | 25.4 | 6.5 | 282.5 | 12.5 | 46.5 | 2.69 | 7.76 | 4.64 | 39 | 0.87 |
| 2571271 | Drill Core | 2.59 | 4.74 | 56.60 | 19.58 | 219.2 | 800 | 32.2 | 12.3 | 523 | 3.06 | 12.9 | 0.4 | 0.3 | 1.3 | 194.3 | 2.72 | 5.91 | 0.12 | 67 | 5.16 |
| 2571272 | Drill Core | 4.43 | 3.31 | 66.59 | 20.15 | 175.6 | 672 | 27.9 | 14.2 | 566 | 3.44 | 62.2 | 0.3 | 0.4 | 1.3 | 163.3 | 2.09 | 8.86 | 0.15 | 63 | 4.20 |
| 2571273 | Drill Core | 4.04 | 4.18 | 68.37 | 15.22 | 251.2 | 430 | 32.3 | 14.5 | 506 | 3.87 | 3.9 | 0.4 | 0.7 | 1.6 | 571.4 | 3.03 | 3.25 | 0.15 | 117 | 2.70 |
| 2571274 | Drill Core | 4.70 | 5.03 | 61.31 | 14.15 | 204.8 | 380 | 29.3 | 14.6 | 590 | 3.78 | 10.6 | 0.4 | 0.6 | 1.3 | 139.6 | 2.41 | 3.13 | 0.12 | 121 | 3.49 |
| 2571275 | Drill Core | 4.46 | 3.18 | 61.12 | 27.46 | 154.0 | 711 | 24.1 | 14.2 | 676 | 3.85 | 15.3 | 0.3 | 0.5 | 1.1 | 199.5 | 1.51 | 3.18 | 0.10 | 94 | 4.93 |
| 2571276 | Drill Core | 4.10 | 1.84 | 40.41 | 27.26 | 86.7 | 788 | 17.3 | 11.5 | 631 | 3.43 | 44.8 | 0.2 | 0.6 | 1.1 | 226.0 | 0.52 | 2.28 | 0.08 | 70 | 4.15 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571247 | Drill Core | 0.129 | 6.9 | 26.4 | 0.79 | 25.0 | 0.124 | 1 | 2.06 | 0.175 | 0.17 | 0.7 | 4.4 | 0.12 | 1.86 | 21 | 1.0 | 0.10 | 6.9 | 0.48 | <0.1 |
| 2571248 | Drill Core | 0.078 | 15.7 | 7.5 | 0.63 | 40.4 | 0.134 | 5 | 2.03 | 0.169 | 0.27 | 0.4 | 3.6 | 0.16 | 0.38 | 14 | <0.1 | 0.04 | 9.8 | 0.66 | <0.1 |
| 2571249 | Drill Core | 0.070 | 15.8 | 6.3 | 0.57 | 41.8 | 0.116 | <1 | 1.85 | 0.165 | 0.31 | 0.3 | 3.9 | 0.17 | 0.14 | 8 | 0.2 | <0.02 | 8.7 | 0.75 | <0.1 |
| 2571250 | Drill Core | 0.069 | 13.3 | 5.9 | 0.52 | 62.9 | 0.097 | <1 | 1.65 | 0.149 | 0.52 | 0.2 | 3.7 | 0.32 | 0.06 | 6 | <0.1 | <0.02 | 8.6 | 1.21 | 0.1 |
| 2571251 | Drill Core | 0.070 | 11.9 | 4.9 | 0.49 | 57.9 | 0.091 | <1 | 1.58 | 0.104 | 0.35 | 0.1 | 3.3 | 0.19 | 0.09 | <5 | <0.1 | <0.02 | 8.0 | 0.75 | <0.1 |
| 2571252 | Drill Core | 0.067 | 13.2 | 5.0 | 0.51 | 38.1 | 0.081 | <1 | 1.49 | 0.099 | 0.27 | 0.1 | 2.9 | 0.14 | 0.04 | <5 | <0.1 | <0.02 | 7.9 | 0.61 | 0.1 |
| 2571253 | Drill Core | 0.069 | 14.5 | 5.5 | 0.50 | 75.8 | 0.102 | 1 | 1.63 | 0.130 | 0.42 | 0.1 | 3.6 | 0.21 | 0.05 | <5 | <0.1 | <0.02 | 8.3 | 0.89 | <0.1 |
| 2571254 | Drill Core | 0.075 | 19.1 | 6.2 | 0.57 | 50.5 | 0.118 | 1 | 2.08 | 0.157 | 0.43 | 0.2 | 3.6 | 0.26 | 0.03 | <5 | <0.1 | 0.02 | 9.8 | 1.39 | <0.1 |
| 2571255 | Drill Core | 0.070 | 13.4 | 5.6 | 0.54 | 42.7 | 0.102 | 2 | 2.50 | 0.190 | 0.40 | 0.2 | 3.6 | 0.26 | 0.20 | 7 | <0.1 | 0.03 | 8.6 | 1.40 | <0.1 |
| 2571256 | Drill Core | 0.070 | 13.5 | 5.8 | 0.52 | 53.8 | 0.093 | <1 | 1.86 | 0.175 | 0.53 | 0.1 | 3.9 | 0.34 | 0.11 | <5 | 0.1 | <0.02 | 8.7 | 1.54 | <0.1 |
| 2571257 | Drill Core | 0.076 | 14.8 | 6.9 | 0.61 | 44.5 | 0.111 | 2 | 1.68 | 0.130 | 0.19 | 0.3 | 3.3 | 0.10 | 0.28 | 9 | 0.1 | <0.02 | 8.4 | 0.62 | 0.1 |
| 2571258 | Drill Core | 0.112 | 7.5 | 9.3 | 0.41 | 69.1 | 0.099 | <1 | 1.32 | 0.108 | 0.27 | 0.6 | 3.0 | 0.19 | 1.03 | 11 | 0.3 | 0.04 | 5.1 | 0.95 | <0.1 |
| 2571259 | Drill Core | 0.070 | 17.0 | 5.2 | 0.52 | 93.8 | 0.080 | <1 | 1.49 | 0.102 | 0.38 | 0.2 | 3.4 | 0.21 | 0.07 | 9 | <0.1 | <0.02 | 7.8 | 1.10 | <0.1 |
| 2571260 | Rock | 0.004 | <0.5 | <0.5 | 1.49 | 8.1 | 0.001 | <1 | 0.04 | 0.003 | <0.01 | <0.1 | 0.8 | <0.02 | 0.09 | <5 | <0.1 | 0.31 | <0.1 | <0.02 | <0.1 |
| 2571261 | Drill Core | 0.071 | 19.8 | 4.1 | 0.43 | 77.2 | 0.047 | 2 | 1.29 | 0.073 | 0.30 | 0.1 | 2.5 | 0.14 | 0.06 | 5 | <0.1 | <0.02 | 6.0 | 1.00 | <0.1 |
| 2571262 | Drill Core | 0.066 | 24.3 | 3.3 | 0.36 | 75.5 | 0.016 | 4 | 1.13 | 0.055 | 0.27 | <0.1 | 1.9 | 0.12 | 0.08 | 6 | <0.1 | <0.02 | 5.2 | 1.01 | <0.1 |
| 2571263 | Drill Core | 0.072 | 22.9 | 2.8 | 0.39 | 90.8 | 0.007 | 3 | 1.10 | 0.049 | 0.23 | <0.1 | 1.8 | 0.11 | 0.10 | 6 | <0.1 | <0.02 | 5.0 | 1.11 | <0.1 |
| 2571264 | Drill Core | 0.141 | 7.8 | 25.6 | 0.74 | 140.5 | 0.028 | 2 | 1.51 | 0.108 | 0.43 | 0.2 | 4.5 | 0.41 | 2.07 | 8 | 0.7 | 0.08 | 4.8 | 1.99 | <0.1 |
| 2571265 | Core DUP | 0.131 | 7.4 | 24.5 | 0.72 | 135.2 | 0.024 | 2 | 1.47 | 0.105 | 0.42 | 0.2 | 4.3 | 0.40 | 2.06 | 11 | 0.5 | 0.08 | 4.5 | 1.99 | <0.1 |
| 2571266 | Drill Core | 0.142 | 6.7 | 27.2 | 0.85 | 152.0 | 0.040 | 1 | 1.60 | 0.118 | 0.36 | 0.5 | 4.7 | 0.35 | 1.88 | 10 | 0.8 | 0.09 | 4.6 | 1.61 | <0.1 |
| 2571267 | Drill Core | 0.162 | 8.2 | 27.1 | 0.70 | 68.6 | 0.009 | 2 | 1.12 | 0.027 | 0.31 | 0.8 | 4.5 | 0.31 | 1.78 | 6 | 0.6 | 0.09 | 3.0 | 1.76 | <0.1 |
| 2571268 | Drill Core | 0.176 | 6.6 | 14.0 | 0.56 | 82.4 | 0.002 | 3 | 1.01 | 0.014 | 0.29 | 1.8 | 3.4 | 0.25 | 1.97 | 11 | 1.7 | 0.10 | 2.2 | 1.33 | <0.1 |
| 2571269 | Drill Core | 0.123 | 5.5 | 17.9 | 0.56 | 91.4 | 0.002 | 3 | 1.02 | 0.014 | 0.31 | 1.4 | 3.5 | 0.29 | 2.17 | 11 | 3.9 | 0.09 | 2.5 | 1.34 | <0.1 |
| 2571270 | Rock Pulp | 0.055 | 23.2 | 64.6 | 0.61 | 89.7 | 0.042 | 2 | 1.20 | 0.030 | 0.53 | 3.8 | 4.7 | 0.43 | 1.88 | 75 | 2.9 | 0.31 | 4.0 | 2.45 | <0.1 |
| 2571271 | Drill Core | 0.093 | 6.0 | 26.9 | 0.63 | 111.5 | 0.007 | 3 | 1.13 | 0.011 | 0.39 | 1.0 | 3.3 | 0.32 | 2.08 | 18 | 5.0 | 0.03 | 2.6 | 1.13 | <0.1 |
| 2571272 | Drill Core | 0.095 | 6.6 | 28.0 | 0.72 | 125.4 | 0.018 | 3 | 1.21 | 0.039 | 0.37 | 0.3 | 4.2 | 0.38 | 2.21 | 18 | 5.4 | 0.05 | 3.7 | 1.41 | <0.1 |
| 2571273 | Drill Core | 0.090 | 6.0 | 39.7 | 0.88 | 102.0 | 0.120 | 1 | 1.95 | 0.170 | 0.39 | 0.2 | 5.8 | 0.49 | 2.64 | 29 | 5.8 | 0.08 | 5.7 | 1.18 | <0.1 |
| 2571274 | Drill Core | 0.110 | 6.8 | 41.5 | 0.95 | 35.6 | 0.117 | <1 | 1.65 | 0.169 | 0.35 | 0.2 | 5.8 | 0.52 | 2.45 | 28 | 4.3 | 0.05 | 6.2 | 1.17 | 0.1 |
| 2571275 | Drill Core | 0.103 | 6.0 | 29.9 | 0.78 | 29.1 | 0.112 | 2 | 2.41 | 0.247 | 0.32 | 0.5 | 5.9 | 0.39 | 2.43 | 19 | 2.6 | 0.08 | 6.6 | 0.88 | <0.1 |
| 2571276 | Drill Core | 0.109 | 5.3 | 15.8 | 0.82 | 34.3 | 0.089 | 2 | 2.43 | 0.231 | 0.29 | 0.6 | 3.9 | 0.27 | 1.65 | 11 | 2.2 | 0.11 | 6.4 | 1.06 | <0.1 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571247 | Drill Core | 0.14 | 0.20 | 11.7 | 0.4 | <0.05 | 5.8 | 8.88 | 12.7 | 0.03 | 12 | 0.5 | 17.3 | <10 | 3 |
| 2571248 | Drill Core | 0.50 | 1.46 | 19.3 | 0.8 | <0.05 | 12.5 | 5.67 | 29.5 | 0.02 | 4 | 0.4 | 20.2 | <10 | <2 |
| 2571249 | Drill Core | 0.43 | 1.14 | 22.3 | 1.0 | <0.05 | 11.9 | 5.94 | 28.2 | 0.03 | <1 | 0.2 | 19.3 | <10 | <2 |
| 2571250 | Drill Core | 0.39 | 1.18 | 39.8 | 1.1 | <0.05 | 6.1 | 4.65 | 24.1 | 0.03 | <1 | 0.3 | 17.5 | <10 | <2 |
| 2571251 | Drill Core | 0.31 | 1.17 | 25.3 | 1.0 | <0.05 | 8.2 | 5.08 | 21.9 | 0.02 | <1 | 0.2 | 16.5 | <10 | <2 |
| 2571252 | Drill Core | 0.30 | 1.12 | 19.6 | 0.8 | <0.05 | 7.7 | 4.92 | 24.4 | 0.02 | <1 | 0.4 | 16.7 | <10 | <2 |
| 2571253 | Drill Core | 0.39 | 0.97 | 29.4 | 1.1 | <0.05 | 9.4 | 5.46 | 26.2 | 0.02 | <1 | 0.3 | 17.1 | <10 | <2 |
| 2571254 | Drill Core | 0.39 | 0.97 | 34.3 | 1.0 | <0.05 | 9.3 | 6.14 | 34.0 | 0.04 | <1 | 0.6 | 21.4 | <10 | <2 |
| 2571255 | Drill Core | 0.39 | 1.47 | 31.5 | 0.8 | <0.05 | 9.4 | 5.73 | 24.0 | 0.03 | <1 | 0.7 | 19.3 | <10 | <2 |
| 2571256 | Drill Core | 0.27 | 1.12 | 41.7 | 1.1 | <0.05 | 7.2 | 5.16 | 23.2 | 0.03 | <1 | 0.4 | 17.0 | <10 | <2 |
| 2571257 | Drill Core | 0.37 | 1.32 | 12.2 | 1.0 | <0.05 | 9.8 | 5.50 | 26.6 | 0.02 | <1 | 0.5 | 19.7 | <10 | <2 |
| 2571258 | Drill Core | 0.08 | 0.35 | 18.1 | 0.3 | <0.05 | 3.5 | 7.35 | 14.4 | 0.02 | 8 | 0.2 | 14.1 | <10 | <2 |
| 2571259 | Drill Core | 0.33 | 0.80 | 24.9 | 0.9 | <0.05 | 8.9 | 6.49 | 32.5 | 0.03 | 1 | 0.4 | 15.0 | <10 | <2 |
| 2571260 | Rock | <0.02 | 0.07 | 0.1 | <0.1 | <0.05 | 0.2 | 0.42 | 0.2 | <0.02 | 1 | <0.1 | 0.2 | <10 | <2 |
| 2571261 | Drill Core | 0.34 | 0.56 | 18.3 | 0.5 | <0.05 | 8.0 | 7.25 | 35.3 | <0.02 | <1 | 0.5 | 11.4 | <10 | <2 |
| 2571262 | Drill Core | 0.32 | 0.27 | 15.9 | 0.4 | <0.05 | 8.4 | 8.03 | 43.8 | 0.02 | <1 | 0.9 | 11.0 | <10 | <2 |
| 2571263 | Drill Core | 0.27 | 0.16 | 12.1 | 0.3 | <0.05 | 7.6 | 7.94 | 41.5 | 0.03 | <1 | 0.6 | 13.0 | <10 | <2 |
| 2571264 | Drill Core | 0.14 | 0.05 | 27.9 | 0.3 | <0.05 | 5.2 | 10.84 | 14.7 | 0.04 | 9 | 0.5 | 13.9 | <10 | 2 |
| 2571265 | Core DUP | 0.14 | 0.04 | 26.3 | 0.3 | <0.05 | 5.1 | 9.74 | 13.7 | 0.03 | 9 | 0.6 | 13.1 | <10 | <2 |
| 2571266 | Drill Core | 0.23 | 0.07 | 21.9 | 0.3 | <0.05 | 8.4 | 9.45 | 11.6 | 0.02 | 13 | 0.5 | 16.2 | <10 | <2 |
| 2571267 | Drill Core | 0.19 | <0.02 | 18.9 | 0.2 | <0.05 | 8.7 | 12.82 | 14.6 | 0.03 | 17 | 0.4 | 13.7 | <10 | <2 |
| 2571268 | Drill Core | 0.18 | <0.02 | 13.4 | 0.3 | <0.05 | 9.0 | 10.95 | 10.5 | 0.03 | 21 | 0.5 | 8.8 | <10 | <2 |
| 2571269 | Drill Core | 0.13 | <0.02 | 13.8 | 0.6 | <0.05 | 5.5 | 9.22 | 9.4 | 0.03 | 14 | 0.8 | 10.0 | <10 | 3 |
| 2571270 | Rock Pulp | 0.12 | 0.09 | 37.3 | 1.5 | <0.05 | 3.3 | 9.38 | 39.8 | 0.09 | 49 | 0.5 | 5.6 | <10 | <2 |
| 2571271 | Drill Core | 0.07 | 0.02 | 16.4 | 0.3 | <0.05 | 2.6 | 7.93 | 10.4 | 0.04 | 6 | 0.4 | 11.1 | <10 | <2 |
| 2571272 | Drill Core | 0.06 | 0.04 | 18.6 | 0.3 | <0.05 | 2.2 | 8.41 | 11.0 | 0.04 | 4 | 0.6 | 11.7 | <10 | 2 |
| 2571273 | Drill Core | 0.13 | 0.16 | 22.4 | 0.4 | <0.05 | 4.2 | 8.00 | 10.8 | 0.05 | 8 | 0.6 | 12.2 | <10 | <2 |
| 2571274 | Drill Core | 0.11 | 0.21 | 22.0 | 0.4 | <0.05 | 3.7 | 7.94 | 11.7 | 0.03 | 7 | 0.3 | 12.9 | <10 | <2 |
| 2571275 | Drill Core | 0.10 | 0.17 | 18.1 | 0.3 | <0.05 | 2.8 | 7.85 | 11.5 | 0.03 | 3 | 0.7 | 11.7 | <10 | <2 |
| 2571276 | Drill Core | 0.06 | 0.11 | 14.3 | 0.3 | <0.05 | 1.8 | 7.94 | 9.5 | 0.03 | 3 | 1.0 | 19.6 | <10 | 2 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571277 | Drill Core | 2.40 | 2.26 | 61.15 | 11.75 | 131.1 | 409 | 30.9 | 12.5 | 557 | 3.43 | 11.9 | 0.5 | <0.2 | 2.4 | 249.5 | 0.90 | 1.89 | 0.15 | 65 | 3.15 |
| 2571278 | Drill Core | 2.48 | 6.60 | 57.68 | 12.64 | 88.4 | 323 | 23.8 | 13.3 | 791 | 3.89 | 52.7 | 0.4 | 0.3 | 1.3 | 200.1 | 0.70 | 4.78 | 0.12 | 67 | 7.12 |
| 2571279 | Drill Core | 2.14 | 2.48 | 59.66 | 7.75 | 72.1 | 290 | 11.8 | 18.0 | 713 | 3.63 | 6.8 | 0.2 | 2.3 | 0.8 | 172.1 | 0.19 | 1.70 | 0.04 | 65 | 5.17 |
| 2571280 | Drill Core | 2.75 | 1.61 | 52.60 | 11.83 | 67.0 | 463 | 8.8 | 16.5 | 713 | 4.73 | 8.5 | 0.2 | 8.4 | 0.8 | 250.9 | 0.19 | 2.45 | 0.03 | 103 | 4.70 |
| 2571281 | Drill Core | 0.94 | 11.13 | 55.48 | 23.41 | 93.1 | 1190 | 41.5 | 15.4 | 554 | 3.60 | 67.4 | 0.4 | 0.3 | 1.4 | 164.1 | 1.00 | 6.54 | 0.12 | 65 | 6.29 |
| 2571282 | Drill Core | 1.32 | 0.90 | 91.11 | 39.49 | 93.4 | 952 | 25.7 | 25.0 | 1498 | 5.44 | 104.0 | 0.3 | 4.6 | 0.5 | 626.8 | 0.78 | 1.73 | 0.08 | 146 | 12.97 |
| 2571283 | Drill Core | 3.16 | 5.16 | 64.67 | 17.09 | 211.7 | 563 | 27.9 | 14.2 | 673 | 3.71 | 36.1 | 0.4 | 0.3 | 1.2 | 278.0 | 2.64 | 3.82 | 0.12 | 104 | 4.67 |
| 2571284 | Drill Core | 2.40 | 3.90 | 63.93 | 14.09 | 177.8 | 429 | 25.4 | 15.1 | 589 | 4.01 | 4.0 | 0.3 | 0.7 | 1.0 | 333.3 | 1.75 | 3.53 | 0.11 | 126 | 4.38 |
| 2571285 | Drill Core | 2.17 | 3.84 | 64.03 | 13.20 | 162.4 | 431 | 26.2 | 13.9 | 574 | 4.06 | 3.8 | 0.2 | 0.3 | 0.8 | 347.7 | 1.48 | 3.77 | 0.13 | 123 | 4.28 |
| 2571286 | Drill Core | 4.48 | 1.79 | 59.72 | 15.49 | 104.0 | 712 | 24.0 | 14.3 | 518 | 3.93 | 10.0 | 0.2 | <0.2 | 0.9 | 390.5 | 0.53 | 3.40 | 0.12 | 107 | 4.51 |
| 2571287 | Drill Core | 2.74 | 9.36 | 54.55 | 12.47 | 134.6 | 531 | 40.3 | 11.7 | 537 | 3.44 | 13.6 | 0.6 | <0.2 | 1.4 | 571.7 | 1.07 | 2.84 | 0.11 | 102 | 6.17 |
| 2571288 | Drill Core | 4.14 | 1.99 | 59.20 | 6.04 | 65.4 | 206 | 10.7 | 20.6 | 869 | 4.75 | 6.8 | 0.2 | 2.6 | 0.8 | 371.5 | 0.16 | 1.38 | 0.04 | 122 | 5.16 |
| 2571289 | Drill Core | 2.45 | 1.26 | 57.17 | 5.59 | 71.9 | 115 | 8.4 | 18.2 | 1123 | 5.22 | 7.0 | 0.2 | 4.1 | 0.9 | 157.2 | 0.14 | 1.21 | 0.02 | 134 | 4.12 |
| 2571290 | Drill Core | 3.40 | 1.47 | 60.85 | 6.88 | 73.4 | 227 | 12.3 | 17.0 | 770 | 5.63 | 6.5 | 0.2 | 4.1 | 0.8 | 116.9 | 0.20 | 1.51 | 0.03 | 111 | 4.11 |
| 2571291 | Drill Core | 3.17 | 12.67 | 51.84 | 8.48 | 106.3 | 266 | 49.2 | 11.5 | 549 | 3.63 | 7.1 | 0.5 | <0.2 | 1.2 | 143.7 | 0.92 | 1.69 | 0.09 | 126 | 6.28 |
| 2571292 | Drill Core | 4.19 | 4.50 | 59.59 | 8.11 | 247.9 | 309 | 33.2 | 13.4 | 489 | 4.01 | 5.5 | 0.4 | <0.2 | 1.2 | 258.7 | 3.31 | 2.15 | 0.10 | 188 | 4.02 |
| 2571293 | Drill Core | 4.84 | 1.78 | 53.12 | 6.13 | 95.7 | 196 | 22.6 | 17.1 | 633 | 4.32 | 6.6 | 0.2 | <0.2 | 0.9 | 135.0 | 0.42 | 1.51 | 0.07 | 134 | 3.15 |
| 2571294 | Drill Core | 4.59 | 5.84 | 60.79 | 8.34 | 154.3 | 244 | 29.6 | 13.5 | 528 | 3.86 | 9.7 | 0.4 | 0.2 | 1.1 | 193.2 | 1.83 | 2.41 | 0.09 | 135 | 4.67 |
| 2571295 | Drill Core | 4.27 | 16.37 | 61.68 | 9.71 | 85.8 | 231 | 42.7 | 12.0 | 500 | 3.54 | 14.4 | 0.6 | <0.2 | 1.1 | 185.7 | 0.59 | 2.22 | 0.10 | 98 | 6.68 |
| 2571296 | Drill Core | 4.34 | 14.06 | 58.91 | 14.61 | 96.5 | 409 | 37.8 | 10.7 | 483 | 3.43 | 29.9 | 0.7 | 0.7 | 1.8 | 230.4 | 0.85 | 5.23 | 0.14 | 83 | 6.77 |
| 2571297 | Drill Core | 3.84 | 26.19 | 59.04 | 13.04 | 85.8 | 403 | 45.9 | 9.9 | 460 | 3.01 | 55.2 | 1.0 | <0.2 | 1.7 | 262.1 | 0.87 | 6.53 | 0.13 | 72 | 7.82 |
| 2571298 | Drill Core | 4.15 | 20.43 | 61.52 | 12.24 | 99.1 | 221 | 41.9 | 11.1 | 442 | 3.40 | 13.8 | 0.9 | <0.2 | 1.6 | 373.6 | 0.87 | 3.05 | 0.10 | 125 | 5.68 |
| 2571299 | Drill Core | 4.57 | 1.38 | 145.66 | 3.01 | 44.6 | 61 | 56.8 | 23.3 | 694 | 3.84 | 4.1 | 0.4 | 1.9 | 1.4 | 346.0 | 0.04 | 0.26 | <0.02 | 132 | 4.84 |
| 2571300 | Rock | 1.07 | 0.08 | 0.04 | 0.09 | 0.5 | <2 | <0.1 | <0.1 | 15 | 0.02 | 0.4 | 1.7 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.89 |
| 2571301 | Drill Core | 4.60 | 0.63 | 149.38 | 2.42 | 37.3 | 87 | 52.1 | 19.9 | 562 | 2.88 | 3.0 | 0.7 | 1.7 | 1.5 | 545.4 | 0.05 | 0.13 | <0.02 | 95 | 4.13 |
| 2571302 | Drill Core | 4.48 | 0.70 | 151.71 | 3.23 | 37.3 | 59 | 54.3 | 20.5 | 516 | 3.12 | 2.7 | 0.5 | 1.5 | 1.5 | 294.1 | 0.03 | 0.19 | <0.02 | 105 | 3.85 |
| 2571303 | Drill Core | 4.71 | 0.52 | 150.11 | 4.16 | 35.9 | 73 | 47.6 | 17.8 | 517 | 2.83 | 3.1 | 0.5 | 1.8 | 1.6 | 217.9 | 0.05 | 0.11 | <0.02 | 100 | 3.93 |
| 2571304 | Drill Core | 1.15 | 1.71 | 178.32 | 7.70 | 42.5 | 87 | 69.7 | 27.0 | 564 | 3.76 | 4.6 | 0.6 | 1.2 | 1.5 | 128.1 | 0.08 | 0.41 | 0.05 | 97 | 5.81 |
| 2571305 | Core DUP | | 1.86 | 181.04 | 8.14 | 43.7 | 76 | 72.1 | 27.7 | 576 | 3.74 | 4.6 | 0.7 | 1.5 | 1.5 | 131.8 | 0.09 | 0.36 | 0.05 | 98 | 5.92 |
| 2571306 | Drill Core | 4.70 | 0.62 | 149.69 | 3.46 | 38.4 | 98 | 49.7 | 20.1 | 538 | 2.90 | 2.3 | 0.5 | 1.7 | 1.5 | 442.7 | 0.06 | 0.16 | <0.02 | 99 | 4.00 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571277 | Drill Core | 0.103 | 6.5 | 33.1 | 0.80 | 54.9 | 0.091 | 3 | 1.78 | 0.105 | 0.29 | 0.2 | 3.8 | 0.31 | 1.34 | 14 | 3.3 | 0.05 | 5.2 | 1.66 | <0.1 |
| 2571278 | Drill Core | 0.107 | 9.2 | 18.9 | 0.69 | 29.2 | 0.041 | 2 | 1.67 | 0.076 | 0.22 | 0.6 | 4.2 | 0.29 | 2.45 | 27 | 1.9 | 0.05 | 4.7 | 1.36 | <0.1 |
| 2571279 | Drill Core | 0.124 | 6.2 | 11.0 | 0.86 | 27.2 | 0.097 | <1 | 1.63 | 0.085 | 0.17 | 0.7 | 4.8 | 0.16 | 2.46 | 19 | 0.2 | 0.04 | 5.1 | 0.51 | <0.1 |
| 2571280 | Drill Core | 0.121 | 6.0 | 13.5 | 1.20 | 33.0 | 0.089 | <1 | 1.66 | 0.071 | 0.25 | 0.5 | 5.9 | 0.24 | 3.29 | 12 | 0.2 | 0.06 | 5.7 | 0.69 | <0.1 |
| 2571281 | Drill Core | 0.121 | 10.2 | 28.7 | 0.87 | 25.6 | 0.022 | 3 | 1.42 | 0.039 | 0.24 | 0.5 | 3.9 | 0.31 | 2.51 | 11 | 2.3 | 0.09 | 4.1 | 1.81 | <0.1 |
| 2571282 | Drill Core | 0.112 | 5.5 | 74.5 | 2.79 | 45.6 | 0.103 | 1 | 2.45 | 0.053 | 0.49 | 0.8 | 14.1 | 0.44 | 3.02 | 10 | 1.1 | 0.15 | 7.7 | 1.48 | <0.1 |
| 2571283 | Drill Core | 0.121 | 7.5 | 34.0 | 0.93 | 21.6 | 0.090 | <1 | 2.52 | 0.185 | 0.27 | 0.7 | 6.0 | 0.33 | 2.58 | 34 | 3.9 | 0.06 | 6.7 | 1.04 | <0.1 |
| 2571284 | Drill Core | 0.114 | 6.0 | 40.5 | 1.01 | 28.0 | 0.108 | 2 | 3.35 | 0.291 | 0.49 | 0.9 | 7.6 | 0.57 | 2.55 | 33 | 3.1 | 0.06 | 9.0 | 1.56 | <0.1 |
| 2571285 | Drill Core | 0.115 | 5.2 | 36.3 | 1.01 | 25.3 | 0.085 | 2 | 3.30 | 0.279 | 0.46 | 0.9 | 6.9 | 0.56 | 2.71 | 26 | 2.8 | 0.05 | 8.7 | 1.43 | <0.1 |
| 2571286 | Drill Core | 0.104 | 6.2 | 33.7 | 0.88 | 18.6 | 0.103 | 2 | 2.96 | 0.270 | 0.36 | 0.7 | 7.0 | 0.42 | 2.73 | 13 | 1.5 | 0.05 | 7.0 | 1.38 | <0.1 |
| 2571287 | Drill Core | 0.094 | 6.0 | 43.9 | 0.72 | 14.8 | 0.067 | 1 | 2.46 | 0.189 | 0.30 | 1.4 | 6.2 | 0.35 | 2.65 | 19 | 2.2 | 0.08 | 5.3 | 1.43 | <0.1 |
| 2571288 | Drill Core | 0.126 | 6.1 | 16.3 | 1.25 | 27.6 | 0.108 | 2 | 1.64 | 0.080 | 0.30 | 0.4 | 8.0 | 0.24 | 4.03 | 18 | <0.1 | 0.05 | 6.4 | 1.10 | <0.1 |
| 2571289 | Drill Core | 0.136 | 5.9 | 14.9 | 1.43 | 47.2 | 0.146 | <1 | 1.70 | 0.089 | 0.68 | 0.2 | 9.5 | 0.44 | 3.98 | 21 | <0.1 | <0.02 | 7.9 | 2.43 | <0.1 |
| 2571290 | Drill Core | 0.125 | 5.5 | 19.0 | 1.21 | 28.5 | 0.123 | 2 | 1.53 | 0.079 | 0.23 | 0.3 | 7.4 | 0.18 | 4.52 | 26 | <0.1 | <0.02 | 7.0 | 0.59 | <0.1 |
| 2571291 | Drill Core | 0.114 | 5.5 | 40.4 | 0.87 | 12.5 | 0.095 | 1 | 1.28 | 0.071 | 0.18 | 0.6 | 5.7 | 0.36 | 2.26 | 13 | 2.5 | 0.04 | 5.3 | 0.55 | <0.1 |
| 2571292 | Drill Core | 0.089 | 5.4 | 54.4 | 1.11 | 34.7 | 0.132 | <1 | 2.14 | 0.236 | 0.59 | 0.3 | 9.7 | 1.22 | 2.40 | 28 | 5.6 | 0.03 | 7.2 | 1.68 | <0.1 |
| 2571293 | Drill Core | 0.094 | 4.7 | 36.8 | 1.28 | 41.5 | 0.126 | 2 | 1.91 | 0.183 | 0.59 | 0.2 | 8.3 | 0.90 | 2.60 | 12 | 1.1 | 0.03 | 6.7 | 1.45 | 0.1 |
| 2571294 | Drill Core | 0.094 | 5.8 | 42.9 | 0.89 | 29.0 | 0.119 | 1 | 1.63 | 0.176 | 0.40 | 0.4 | 5.4 | 0.96 | 2.47 | 8 | 1.7 | 0.04 | 5.6 | 1.25 | <0.1 |
| 2571295 | Drill Core | 0.116 | 6.0 | 37.0 | 0.69 | 21.3 | 0.101 | 1 | 1.61 | 0.186 | 0.30 | 0.5 | 4.7 | 0.97 | 2.27 | <5 | 0.4 | 0.05 | 5.3 | 1.24 | 0.1 |
| 2571296 | Drill Core | 0.105 | 6.4 | 31.3 | 0.81 | 18.1 | 0.089 | 2 | 1.55 | 0.159 | 0.24 | 0.7 | 4.5 | 0.80 | 2.35 | 12 | 0.5 | 0.06 | 5.3 | 1.06 | <0.1 |
| 2571297 | Drill Core | 0.130 | 7.2 | 32.0 | 0.71 | 13.9 | 0.042 | 1 | 1.40 | 0.086 | 0.24 | 1.4 | 5.0 | 0.65 | 2.39 | 24 | 1.1 | 0.12 | 4.2 | 1.40 | <0.1 |
| 2571298 | Drill Core | 0.111 | 6.7 | 49.9 | 0.88 | 25.6 | 0.115 | <1 | 1.77 | 0.138 | 0.48 | 1.1 | 8.1 | 0.68 | 2.40 | 11 | 1.5 | 0.07 | 5.8 | 1.58 | <0.1 |
| 2571299 | Drill Core | 0.185 | 5.3 | 143.7 | 1.74 | 130.6 | 0.183 | <1 | 2.57 | 0.122 | 1.84 | 0.1 | 4.4 | 0.38 | 0.41 | <5 | <0.1 | <0.02 | 8.4 | 3.65 | 0.1 |
| 2571300 | Rock | 0.003 | <0.5 | <0.5 | 1.23 | 5.1 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.03 | <5 | <0.1 | 0.15 | <0.1 | <0.02 | <0.1 |
| 2571301 | Drill Core | 0.202 | 6.0 | 130.9 | 1.31 | 80.5 | 0.161 | 2 | 2.22 | 0.136 | 1.33 | <0.1 | 2.5 | 0.16 | 0.14 | <5 | <0.1 | <0.02 | 6.6 | 2.10 | <0.1 |
| 2571302 | Drill Core | 0.195 | 5.5 | 142.9 | 1.43 | 87.4 | 0.177 | 2 | 2.30 | 0.143 | 1.38 | 0.2 | 3.0 | 0.13 | 0.21 | <5 | <0.1 | <0.02 | 6.7 | 1.95 | <0.1 |
| 2571303 | Drill Core | 0.192 | 5.2 | 152.3 | 1.29 | 143.6 | 0.150 | 2 | 1.84 | 0.111 | 1.10 | 0.3 | 3.3 | 0.08 | 0.04 | <5 | <0.1 | <0.02 | 5.9 | 1.08 | 0.2 |
| 2571304 | Drill Core | 0.160 | 4.6 | 98.9 | 1.49 | 115.0 | 0.170 | 27 | 2.19 | 0.097 | 1.17 | 0.4 | 2.9 | 0.10 | 0.57 | <5 | 0.3 | <0.02 | 10.0 | 2.09 | 0.1 |
| 2571305 | Core DUP | 0.159 | 4.9 | 99.4 | 1.51 | 118.1 | 0.177 | 26 | 2.21 | 0.102 | 1.19 | 0.4 | 3.2 | 0.10 | 0.59 | 5 | 0.2 | <0.02 | 10.3 | 2.18 | 0.1 |
| 2571306 | Drill Core | 0.205 | 5.4 | 143.9 | 1.40 | 59.6 | 0.145 | 3 | 2.09 | 0.102 | 1.09 | 0.3 | 3.0 | 0.10 | 0.10 | 7 | <0.1 | <0.02 | 6.5 | 1.65 | 0.2 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571277 | Drill Core | 0.09 | 0.12 | 15.1 | 0.4 | <0.05 | 3.5 | 10.08 | 11.3 | 0.04 | 6 | 0.3 | 26.1 | <10 | <2 |
| 2571278 | Drill Core | 0.08 | 0.08 | 12.9 | 0.4 | <0.05 | 2.8 | 9.99 | 15.4 | 0.03 | 7 | 0.6 | 16.9 | <10 | <2 |
| 2571279 | Drill Core | 0.08 | 0.13 | 8.0 | 0.3 | <0.05 | 2.0 | 8.74 | 12.0 | 0.03 | 2 | 0.9 | 15.1 | <10 | <2 |
| 2571280 | Drill Core | 0.06 | 0.12 | 12.4 | 0.4 | <0.05 | 1.8 | 8.49 | 11.4 | <0.02 | 1 | 0.5 | 20.5 | <10 | <2 |
| 2571281 | Drill Core | 0.10 | 0.05 | 13.7 | 0.3 | <0.05 | 3.8 | 10.83 | 18.0 | 0.02 | 9 | 0.9 | 18.4 | <10 | <2 |
| 2571282 | Drill Core | 0.05 | 0.04 | 20.9 | 0.2 | <0.05 | 1.5 | 9.71 | 10.1 | 0.03 | <1 | 0.9 | 41.3 | <10 | <2 |
| 2571283 | Drill Core | 0.11 | 0.11 | 16.3 | 0.5 | <0.05 | 3.8 | 10.01 | 14.1 | 0.04 | 7 | 1.4 | 18.3 | <10 | <2 |
| 2571284 | Drill Core | 0.09 | 0.12 | 30.6 | 0.5 | <0.05 | 2.3 | 7.67 | 11.5 | 0.04 | 7 | 2.4 | 18.4 | <10 | <2 |
| 2571285 | Drill Core | 0.06 | 0.11 | 27.8 | 0.3 | <0.05 | 2.0 | 6.73 | 10.5 | 0.06 | 5 | 2.3 | 17.7 | <10 | 3 |
| 2571286 | Drill Core | 0.08 | 0.12 | 23.2 | 0.5 | <0.05 | 2.8 | 7.55 | 11.6 | 0.04 | 5 | 1.2 | 17.7 | <10 | <2 |
| 2571287 | Drill Core | 0.16 | 0.12 | 20.4 | 0.3 | <0.05 | 5.2 | 7.88 | 10.8 | 0.04 | 7 | 1.2 | 15.8 | <10 | <2 |
| 2571288 | Drill Core | 0.07 | 0.14 | 14.8 | 0.4 | <0.05 | 2.0 | 9.22 | 12.8 | 0.04 | 2 | 0.4 | 19.1 | <10 | <2 |
| 2571289 | Drill Core | 0.08 | 0.13 | 29.2 | 0.4 | <0.05 | 2.6 | 9.32 | 12.5 | 0.03 | 2 | 0.2 | 23.2 | <10 | <2 |
| 2571290 | Drill Core | 0.09 | 0.20 | 8.9 | 0.4 | <0.05 | 2.3 | 7.86 | 11.6 | 0.02 | 1 | 0.3 | 21.4 | <10 | <2 |
| 2571291 | Drill Core | 0.12 | 0.16 | 11.1 | 0.4 | <0.05 | 4.0 | 7.06 | 10.0 | 0.02 | 12 | 0.4 | 17.9 | <10 | <2 |
| 2571292 | Drill Core | 0.11 | 0.18 | 37.5 | 0.4 | <0.05 | 3.5 | 7.91 | 10.3 | 0.04 | 7 | 0.4 | 19.4 | <10 | <2 |
| 2571293 | Drill Core | 0.08 | 0.10 | 30.9 | 0.4 | <0.05 | 2.1 | 7.14 | 9.5 | 0.03 | 3 | <0.1 | 21.1 | <10 | 2 |
| 2571294 | Drill Core | 0.11 | 0.18 | 26.1 | 0.5 | <0.05 | 3.6 | 7.89 | 10.5 | 0.03 | 6 | 0.3 | 16.8 | <10 | <2 |
| 2571295 | Drill Core | 0.14 | 0.17 | 24.7 | 0.4 | <0.05 | 5.0 | 8.04 | 10.7 | <0.02 | 14 | 0.2 | 13.4 | <10 | <2 |
| 2571296 | Drill Core | 0.18 | 0.23 | 18.3 | 0.3 | <0.05 | 6.0 | 7.70 | 12.2 | 0.04 | 9 | 0.1 | 19.5 | <10 | <2 |
| 2571297 | Drill Core | 0.20 | 0.11 | 18.1 | 0.4 | <0.05 | 8.2 | 8.97 | 13.0 | 0.03 | 18 | 0.5 | 17.8 | <10 | <2 |
| 2571298 | Drill Core | 0.22 | 0.19 | 28.9 | 0.5 | <0.05 | 7.6 | 9.44 | 12.1 | 0.02 | 15 | 0.5 | 13.1 | <10 | <2 |
| 2571299 | Drill Core | 0.08 | 0.08 | 47.7 | 0.3 | <0.05 | 2.6 | 5.42 | 10.4 | <0.02 | <1 | 0.2 | 22.3 | <10 | 5 |
| 2571300 | Rock | <0.02 | 0.02 | <0.1 | <0.1 | <0.05 | 0.1 | 0.14 | 0.1 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |
| 2571301 | Drill Core | 0.06 | 0.04 | 37.3 | 0.2 | <0.05 | 2.2 | 4.83 | 10.7 | <0.02 | <1 | 0.2 | 19.7 | <10 | 4 |
| 2571302 | Drill Core | 0.08 | 0.06 | 35.4 | 0.2 | <0.05 | 2.5 | 4.77 | 10.2 | <0.02 | <1 | 0.2 | 21.7 | <10 | 2 |
| 2571303 | Drill Core | 0.08 | 0.05 | 22.7 | 2.2 | <0.05 | 2.1 | 4.50 | 9.5 | <0.02 | <1 | 0.4 | 21.2 | 11 | 5 |
| 2571304 | Drill Core | 0.07 | 0.05 | 23.6 | 3.0 | <0.05 | 2.5 | 4.96 | 8.6 | <0.02 | 6 | 0.3 | 23.2 | <10 | 3 |
| 2571305 | Core DUP | 0.08 | 0.07 | 23.9 | 3.5 | <0.05 | 3.1 | 5.22 | 9.4 | <0.02 | 5 | 0.5 | 23.1 | <10 | 3 |
| 2571306 | Drill Core | 0.06 | 0.05 | 30.1 | 0.2 | <0.05 | 2.4 | 4.57 | 10.0 | <0.02 | <1 | 0.1 | 25.5 | <10 | 5 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571307 | Drill Core | 3.60 | 0.20 | 153.41 | 2.62 | 38.9 | 92 | 45.4 | 17.2 | 447 | 2.80 | 0.8 | 0.4 | 1.2 | 1.4 | 269.4 | 0.02 | 0.06 | <0.02 | 91 | 2.00 |
| 2571308 | Drill Core | 2.47 | 0.61 | 163.47 | 3.19 | 46.9 | 83 | 59.1 | 24.8 | 552 | 3.45 | 3.2 | 0.5 | 0.9 | 1.5 | 290.7 | 0.10 | 0.08 | <0.02 | 124 | 3.81 |
| 2571309 | Drill Core | 3.59 | 1.27 | 176.72 | 49.51 | 66.2 | 200 | 68.4 | 29.0 | 843 | 4.42 | 4.0 | 0.7 | 2.2 | 1.7 | 264.2 | 0.67 | 0.26 | 0.06 | 175 | 5.74 |
| 2571310 | Rock Pulp | 0.08 | 233.84 | 4596.57 | 4.27 | 45.9 | 628 | 30.1 | 10.1 | 465 | 3.47 | 5.6 | 0.3 | 511.3 | 0.9 | 39.9 | 0.45 | 0.87 | 0.10 | 62 | 0.83 |
| 2571311 | Drill Core | 2.05 | 0.75 | 159.58 | 2.73 | 44.4 | 86 | 58.5 | 22.3 | 671 | 3.44 | 1.0 | 0.6 | 1.8 | 1.4 | 507.6 | 0.06 | 0.13 | <0.02 | 123 | 4.23 |
| 2571312 | Drill Core | 3.98 | 0.57 | 157.97 | 3.31 | 41.4 | 96 | 54.7 | 21.3 | 594 | 3.04 | 1.1 | 0.5 | 1.6 | 1.4 | 582.0 | 0.08 | 0.20 | <0.02 | 108 | 4.30 |
| 2571313 | Drill Core | 4.32 | 0.48 | 158.60 | 2.67 | 39.9 | 85 | 53.6 | 20.6 | 590 | 2.99 | 0.8 | 0.5 | 0.7 | 1.2 | 453.3 | 0.06 | 0.08 | <0.02 | 105 | 4.29 |
| 2571314 | Drill Core | 4.53 | 0.39 | 165.61 | 2.23 | 40.8 | 92 | 56.1 | 21.7 | 609 | 3.14 | 0.6 | 0.5 | 1.4 | 1.3 | 251.4 | 0.05 | 0.09 | <0.02 | 106 | 3.78 |
| 2571315 | Drill Core | 4.08 | 0.43 | 176.70 | 2.26 | 41.9 | 81 | 56.0 | 21.2 | 555 | 2.92 | 0.7 | 0.4 | 0.9 | 1.0 | 289.3 | 0.06 | 0.08 | <0.02 | 99 | 4.00 |
| 2571316 | Drill Core | 4.88 | 0.40 | 156.23 | 2.91 | 40.1 | 100 | 46.2 | 17.9 | 648 | 2.82 | 0.2 | 0.5 | 2.5 | 1.1 | 245.1 | 0.06 | 0.06 | <0.02 | 100 | 5.63 |
| 2571317 | Drill Core | 4.30 | 0.80 | 150.73 | 3.10 | 41.2 | 118 | 49.7 | 19.3 | 706 | 3.05 | 0.7 | 0.4 | 6.2 | 1.0 | 243.0 | 0.05 | 0.09 | <0.02 | 102 | 5.91 |
| 2571318 | Drill Core | 3.09 | 0.65 | 138.48 | 2.75 | 37.7 | 79 | 40.3 | 15.6 | 618 | 2.47 | 0.5 | 0.4 | 3.4 | 0.9 | 208.1 | 0.04 | 0.10 | <0.02 | 83 | 5.84 |
| 2571319 | Drill Core | 1.66 | 0.75 | 124.40 | 2.51 | 32.4 | 78 | 33.4 | 14.1 | 634 | 2.16 | 0.8 | 0.5 | 2.7 | 1.0 | 217.8 | 0.04 | 0.17 | <0.02 | 70 | 7.54 |
| 2571320 | Drill Core | 4.31 | 0.58 | 186.63 | 1.94 | 43.2 | 97 | 57.1 | 21.4 | 554 | 3.03 | 0.6 | 0.4 | 2.6 | 1.3 | 389.0 | 0.05 | 0.05 | <0.02 | 101 | 3.17 |
| 2571321 | Drill Core | 3.05 | 0.31 | 173.45 | 2.23 | 43.3 | 86 | 53.5 | 20.1 | 534 | 3.11 | 0.6 | 0.4 | 0.4 | 1.4 | 394.9 | 0.04 | 0.05 | <0.02 | 103 | 3.09 |
| 2571322 | Drill Core | 4.00 | 1.09 | 181.21 | 3.07 | 48.2 | 259 | 60.8 | 23.1 | 567 | 3.26 | 1.2 | 0.5 | 1.9 | 1.3 | 290.1 | 0.08 | 0.06 | <0.02 | 103 | 3.71 |
| 2571323 | Drill Core | 2.88 | 0.61 | 176.45 | 2.44 | 44.0 | 75 | 52.7 | 20.6 | 547 | 2.90 | 0.6 | 0.4 | 1.2 | 1.2 | 198.8 | 0.06 | 0.06 | <0.02 | 102 | 3.12 |
| 2571324 | Drill Core | 1.94 | 1.25 | 148.57 | 2.29 | 42.1 | 68 | 50.5 | 18.6 | 525 | 2.87 | 0.4 | 0.4 | 0.9 | 1.1 | 152.8 | 0.05 | 0.04 | <0.02 | 95 | 3.78 |
| 2571325 | Drill Core | 1.85 | 2.23 | 149.57 | 2.57 | 43.2 | 65 | 56.7 | 19.9 | 584 | 3.01 | 0.6 | 0.4 | 1.6 | 1.1 | 160.3 | 0.04 | 0.05 | <0.02 | 98 | 4.41 |
| 2571326 | Drill Core | 2.82 | 0.50 | 167.01 | 2.16 | 44.2 | 81 | 53.0 | 19.5 | 617 | 2.86 | 0.7 | 0.4 | 1.1 | 1.1 | 165.8 | 0.05 | 0.05 | <0.02 | 99 | 4.78 |
| 2571327 | Drill Core | 4.82 | 0.60 | 166.20 | 1.67 | 41.2 | 80 | 49.6 | 20.4 | 507 | 2.92 | 0.4 | 0.4 | 4.9 | 0.9 | 377.3 | 0.03 | 0.06 | <0.02 | 103 | 2.59 |
| 2571328 | Drill Core | 4.23 | 0.24 | 183.19 | 1.80 | 45.8 | 84 | 54.6 | 21.4 | 516 | 2.98 | 0.7 | 0.4 | 2.5 | 1.2 | 370.3 | 0.02 | 0.11 | <0.02 | 106 | 2.57 |
| 2571329 | Drill Core | 2.94 | 0.94 | 164.55 | 2.72 | 44.8 | 94 | 56.0 | 21.7 | 651 | 3.14 | 1.7 | 0.5 | 4.4 | 1.2 | 203.1 | 0.04 | 0.24 | <0.02 | 109 | 5.24 |
| 2571330 | Drill Core | 2.31 | 1.11 | 154.11 | 2.93 | 45.9 | 81 | 69.8 | 25.8 | 647 | 2.98 | 1.0 | 0.5 | 1.0 | 1.1 | 162.0 | 0.05 | 0.07 | <0.02 | 99 | 5.40 |
| 2571331 | Drill Core | 3.97 | 0.83 | 162.19 | 3.97 | 51.9 | 86 | 48.9 | 21.9 | 825 | 3.48 | 4.2 | 0.8 | 0.5 | 1.5 | 189.0 | 0.06 | 0.37 | <0.02 | 126 | 8.66 |
| 2571332 | Drill Core | 3.93 | 0.87 | 177.60 | 2.18 | 48.7 | 103 | 50.8 | 20.4 | 602 | 3.25 | 1.7 | 0.7 | 1.4 | 1.4 | 818.2 | 0.03 | 0.24 | <0.02 | 118 | 3.07 |
| 2571333 | Drill Core | 3.37 | 0.97 | 177.77 | 2.14 | 46.9 | 80 | 47.9 | 19.9 | 574 | 2.82 | 1.0 | 0.4 | 0.6 | 1.2 | 400.5 | 0.04 | 0.10 | <0.02 | 98 | 4.39 |
| 2571334 | Drill Core | 2.87 | 0.48 | 185.04 | 2.10 | 45.2 | 87 | 49.6 | 20.1 | 644 | 3.00 | 1.1 | 0.5 | 0.5 | 1.1 | 158.5 | 0.05 | 0.04 | <0.02 | 103 | 4.52 |
| 2571335 | Drill Core | 3.50 | 0.31 | 194.12 | 1.64 | 43.5 | 85 | 56.6 | 21.8 | 536 | 3.04 | 0.8 | 0.4 | 0.8 | 1.0 | 154.7 | 0.03 | 0.04 | <0.02 | 103 | 2.60 |
| 2571336 | Drill Core | 3.56 | 0.34 | 185.28 | 2.16 | 49.4 | 80 | 58.3 | 23.6 | 582 | 3.23 | 0.7 | 0.4 | 0.3 | 1.1 | 131.4 | 0.04 | 0.05 | <0.02 | 114 | 3.42 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571307 | Drill Core | 0.189 | 6.2 | 130.0 | 1.57 | 80.8 | 0.110 | 2 | 2.08 | 0.095 | 1.51 | 0.2 | 2.3 | 0.09 | 0.03 | <5 | <0.1 | <0.02 | 6.6 | 2.24 | <0.1 |
| 2571308 | Drill Core | 0.191 | 4.8 | 165.1 | 1.62 | 189.6 | 0.187 | 1 | 2.34 | 0.093 | 1.81 | 0.4 | 3.3 | 0.11 | 0.07 | <5 | <0.1 | <0.02 | 7.1 | 3.14 | <0.1 |
| 2571309 | Drill Core | 0.185 | 5.0 | 170.5 | 2.43 | 411.2 | 0.223 | <1 | 3.13 | 0.077 | 2.25 | 0.5 | 7.1 | 0.30 | 0.22 | <5 | <0.1 | 0.08 | 10.5 | 6.42 | 0.2 |
| 2571310 | Rock Pulp | 0.052 | 3.7 | 31.0 | 0.79 | 94.3 | 0.117 | 4 | 1.62 | 0.099 | 0.14 | 0.3 | 4.8 | 0.06 | 0.63 | 40 | 0.6 | 0.05 | 5.0 | 0.45 | 0.1 |
| 2571311 | Drill Core | 0.210 | 5.4 | 147.5 | 1.87 | 123.7 | 0.190 | 1 | 2.48 | 0.092 | 1.46 | 0.3 | 3.6 | 0.14 | 0.22 | <5 | <0.1 | 0.03 | 8.6 | 5.42 | <0.1 |
| 2571312 | Drill Core | 0.203 | 5.8 | 147.3 | 1.60 | 89.1 | 0.173 | 2 | 2.21 | 0.088 | 1.34 | 0.2 | 3.8 | 0.11 | 0.09 | <5 | <0.1 | <0.02 | 6.9 | 3.47 | 0.1 |
| 2571313 | Drill Core | 0.190 | 4.8 | 137.2 | 1.53 | 79.5 | 0.164 | 3 | 2.03 | 0.071 | 1.43 | 0.2 | 3.0 | 0.08 | 0.06 | <5 | <0.1 | <0.02 | 6.3 | 5.79 | 0.1 |
| 2571314 | Drill Core | 0.208 | 6.3 | 142.0 | 1.67 | 69.5 | 0.168 | 2 | 1.89 | 0.063 | 1.37 | 0.2 | 3.6 | 0.07 | 0.08 | <5 | <0.1 | <0.02 | 6.1 | 5.94 | <0.1 |
| 2571315 | Drill Core | 0.200 | 4.2 | 134.6 | 1.51 | 82.6 | 0.169 | 1 | 1.87 | 0.077 | 1.39 | 0.2 | 3.1 | 0.07 | 0.09 | <5 | <0.1 | 0.02 | 5.4 | 7.31 | 0.1 |
| 2571316 | Drill Core | 0.194 | 3.6 | 130.7 | 1.29 | 152.3 | 0.162 | 1 | 1.70 | 0.085 | 1.29 | 0.4 | 3.4 | 0.07 | 0.06 | <5 | <0.1 | <0.02 | 5.2 | 9.09 | 0.1 |
| 2571317 | Drill Core | 0.192 | 3.5 | 132.3 | 1.37 | 210.8 | 0.177 | 2 | 1.80 | 0.067 | 1.36 | 0.4 | 3.2 | 0.08 | 0.10 | 6 | <0.1 | 0.03 | 5.9 | 8.17 | 0.1 |
| 2571318 | Drill Core | 0.186 | 3.4 | 118.7 | 1.14 | 213.1 | 0.140 | 2 | 1.38 | 0.064 | 0.95 | 0.4 | 3.0 | 0.06 | 0.04 | <5 | <0.1 | <0.02 | 4.2 | 4.15 | <0.1 |
| 2571319 | Drill Core | 0.171 | 3.7 | 97.2 | 0.92 | 132.3 | 0.128 | 2 | 1.19 | 0.067 | 0.72 | 0.4 | 2.6 | 0.04 | 0.18 | <5 | <0.1 | <0.02 | 3.9 | 2.84 | <0.1 |
| 2571320 | Drill Core | 0.214 | 6.7 | 134.6 | 1.78 | 111.1 | 0.180 | 1 | 2.23 | 0.085 | 1.56 | 0.1 | 2.8 | 0.06 | 0.04 | 9 | <0.1 | 0.02 | 6.5 | 7.33 | 0.1 |
| 2571321 | Drill Core | 0.220 | 7.2 | 143.3 | 1.96 | 94.0 | 0.184 | 1 | 2.39 | 0.078 | 1.65 | <0.1 | 3.0 | 0.07 | 0.03 | <5 | <0.1 | <0.02 | 7.1 | 7.22 | 0.1 |
| 2571322 | Drill Core | 0.185 | 4.0 | 138.7 | 1.51 | 117.7 | 0.186 | 2 | 2.35 | 0.129 | 1.19 | 0.5 | 5.1 | 0.06 | 0.08 | 7 | <0.1 | 0.02 | 6.8 | 3.84 | 0.1 |
| 2571323 | Drill Core | 0.178 | 3.9 | 140.9 | 1.54 | 100.9 | 0.187 | 2 | 1.90 | 0.089 | 1.35 | 0.2 | 4.1 | 0.05 | 0.03 | 10 | <0.1 | <0.02 | 5.9 | 4.04 | 0.1 |
| 2571324 | Drill Core | 0.182 | 3.8 | 132.3 | 1.45 | 90.7 | 0.170 | 1 | 1.78 | 0.076 | 1.30 | 0.1 | 3.8 | 0.04 | 0.03 | 9 | <0.1 | <0.02 | 5.6 | 2.54 | 0.1 |
| 2571325 | Drill Core | 0.185 | 3.7 | 131.5 | 1.51 | 96.6 | 0.179 | 3 | 1.86 | 0.087 | 1.30 | 0.1 | 4.1 | 0.04 | 0.04 | 7 | <0.1 | <0.02 | 6.6 | 2.65 | 0.2 |
| 2571326 | Drill Core | 0.190 | 3.9 | 149.0 | 1.50 | 136.9 | 0.179 | <1 | 1.70 | 0.073 | 1.22 | 0.2 | 3.7 | 0.04 | 0.04 | <5 | <0.1 | <0.02 | 5.6 | 2.56 | 0.1 |
| 2571327 | Drill Core | 0.236 | 4.8 | 146.9 | 1.85 | 114.1 | 0.166 | 2 | 2.14 | 0.079 | 1.57 | 0.1 | 2.6 | 0.05 | 0.02 | 6 | <0.1 | 0.03 | 5.4 | 5.06 | <0.1 |
| 2571328 | Drill Core | 0.208 | 6.2 | 156.9 | 1.88 | 89.2 | 0.177 | 1 | 2.26 | 0.090 | 1.50 | <0.1 | 2.7 | 0.05 | 0.02 | 9 | <0.1 | <0.02 | 6.1 | 4.45 | <0.1 |
| 2571329 | Drill Core | 0.191 | 5.2 | 154.9 | 1.67 | 68.4 | 0.146 | 1 | 1.83 | 0.053 | 0.69 | 0.3 | 5.1 | 0.03 | 0.13 | 12 | <0.1 | 0.02 | 5.3 | 1.77 | 0.1 |
| 2571330 | Drill Core | 0.202 | 3.6 | 144.9 | 1.32 | 145.4 | 0.161 | 2 | 1.54 | 0.065 | 0.96 | 0.3 | 3.7 | 0.03 | 0.05 | 14 | <0.1 | <0.02 | 5.2 | 1.70 | <0.1 |
| 2571331 | Drill Core | 0.187 | 6.4 | 163.4 | 1.85 | 126.0 | 0.151 | 3 | 2.15 | 0.043 | 1.05 | 0.2 | 8.2 | 0.05 | 0.07 | 94 | <0.1 | 0.03 | 6.8 | 2.83 | 0.1 |
| 2571332 | Drill Core | 0.203 | 6.9 | 161.1 | 1.97 | 154.6 | 0.174 | 2 | 2.37 | 0.073 | 1.48 | 0.1 | 4.6 | 0.06 | 0.03 | 19 | <0.1 | 0.04 | 6.5 | 4.05 | <0.1 |
| 2571333 | Drill Core | 0.189 | 4.2 | 135.3 | 1.68 | 108.0 | 0.183 | 3 | 1.94 | 0.066 | 1.20 | 0.2 | 3.6 | 0.05 | 0.05 | 10 | <0.1 | 0.02 | 6.7 | 3.23 | 0.1 |
| 2571334 | Drill Core | 0.206 | 4.0 | 151.3 | 1.76 | 90.8 | 0.178 | 2 | 1.86 | 0.057 | 1.24 | 0.2 | 3.7 | 0.05 | 0.03 | 6 | <0.1 | <0.02 | 6.0 | 3.17 | <0.1 |
| 2571335 | Drill Core | 0.217 | 4.2 | 148.4 | 2.10 | 151.2 | 0.191 | 1 | 2.25 | 0.067 | 1.64 | 0.1 | 2.7 | 0.04 | 0.03 | <5 | <0.1 | <0.02 | 7.2 | 3.53 | <0.1 |
| 2571336 | Drill Core | 0.211 | 4.3 | 157.9 | 1.82 | 73.6 | 0.192 | <1 | 1.98 | 0.057 | 1.39 | 0.1 | 3.7 | 0.05 | 0.03 | 11 | <0.1 | <0.02 | 6.8 | 3.55 | 0.1 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571307 | Drill Core | 0.03 | 0.03 | 36.1 | 0.2 | <0.05 | 0.9 | 4.70 | 11.5 | <0.02 | <1 | 0.3 | 26.8 | 10 | 3 |
| 2571308 | Drill Core | 0.05 | 0.07 | 37.1 | 0.2 | <0.05 | 1.7 | 4.63 | 9.3 | <0.02 | 2 | 0.4 | 22.8 | 12 | 7 |
| 2571309 | Drill Core | 0.06 | 0.04 | 51.9 | 0.4 | <0.05 | 2.5 | 5.78 | 9.8 | <0.02 | 1 | 0.3 | 25.5 | <10 | 5 |
| 2571310 | Rock Pulp | 0.16 | 0.12 | 5.0 | 1.5 | <0.05 | 4.9 | 6.84 | 8.2 | 0.03 | 120 | 0.3 | 11.4 | <10 | 2 |
| 2571311 | Drill Core | 0.10 | 0.04 | 44.6 | 0.3 | <0.05 | 2.5 | 4.81 | 10.7 | <0.02 | 1 | 0.3 | 23.3 | <10 | 4 |
| 2571312 | Drill Core | 0.06 | 0.04 | 39.8 | 0.3 | <0.05 | 2.1 | 4.98 | 10.9 | <0.02 | <1 | 0.3 | 22.4 | 11 | 4 |
| 2571313 | Drill Core | 0.05 | 0.03 | 44.9 | 0.2 | <0.05 | 1.9 | 4.07 | 9.1 | <0.02 | <1 | 0.3 | 25.1 | 12 | 4 |
| 2571314 | Drill Core | 0.10 | 0.05 | 40.5 | 0.2 | <0.05 | 2.4 | 4.38 | 11.6 | <0.02 | <1 | 0.4 | 30.4 | <10 | 4 |
| 2571315 | Drill Core | 0.07 | 0.04 | 43.6 | 0.3 | <0.05 | 2.8 | 3.69 | 8.2 | <0.02 | <1 | 0.5 | 26.0 | <10 | 4 |
| 2571316 | Drill Core | 0.11 | 0.08 | 41.0 | 0.2 | <0.05 | 3.1 | 3.39 | 6.8 | <0.02 | <1 | 0.4 | 19.7 | <10 | 3 |
| 2571317 | Drill Core | 0.08 | 0.06 | 42.3 | 0.3 | <0.05 | 2.0 | 3.63 | 7.0 | <0.02 | <1 | 0.4 | 20.1 | 11 | 5 |
| 2571318 | Drill Core | 0.11 | 0.05 | 28.0 | 0.2 | <0.05 | 2.8 | 2.93 | 6.6 | <0.02 | <1 | 0.5 | 16.2 | <10 | 3 |
| 2571319 | Drill Core | 0.13 | 0.06 | 18.0 | 0.2 | <0.05 | 3.4 | 3.13 | 7.5 | <0.02 | 2 | 0.4 | 12.3 | <10 | 2 |
| 2571320 | Drill Core | 0.08 | 0.04 | 51.8 | 0.2 | <0.05 | 2.1 | 4.19 | 11.3 | <0.02 | <1 | 0.3 | 23.8 | 16 | 3 |
| 2571321 | Drill Core | 0.07 | 0.03 | 51.2 | 0.2 | <0.05 | 2.2 | 4.43 | 12.2 | <0.02 | <1 | 0.4 | 24.6 | <10 | 4 |
| 2571322 | Drill Core | 0.09 | 0.09 | 33.8 | 0.3 | <0.05 | 2.4 | 4.01 | 7.6 | <0.02 | <1 | 0.4 | 19.0 | <10 | 5 |
| 2571323 | Drill Core | 0.08 | 0.07 | 41.1 | 0.2 | <0.05 | 2.3 | 3.40 | 7.0 | <0.02 | <1 | 0.4 | 21.6 | <10 | 4 |
| 2571324 | Drill Core | 0.08 | 0.07 | 34.6 | 0.2 | <0.05 | 2.8 | 3.16 | 6.7 | <0.02 | 1 | 0.3 | 18.1 | <10 | 3 |
| 2571325 | Drill Core | 0.08 | 0.08 | 36.0 | 0.2 | <0.05 | 2.3 | 3.27 | 6.7 | <0.02 | <1 | 0.6 | 18.5 | <10 | <2 |
| 2571326 | Drill Core | 0.11 | 0.05 | 30.8 | 0.1 | <0.05 | 2.5 | 3.14 | 7.1 | <0.02 | <1 | 0.5 | 19.2 | <10 | 3 |
| 2571327 | Drill Core | 0.07 | 0.03 | 48.6 | 0.2 | <0.05 | 2.0 | 3.20 | 8.5 | <0.02 | <1 | 0.3 | 27.3 | <10 | 2 |
| 2571328 | Drill Core | 0.07 | 0.03 | 48.1 | 0.3 | <0.05 | 2.5 | 4.08 | 11.0 | <0.02 | 1 | 0.4 | 25.5 | <10 | 3 |
| 2571329 | Drill Core | 0.12 | 0.04 | 24.4 | 0.3 | <0.05 | 3.2 | 3.80 | 9.1 | <0.02 | <1 | 0.3 | 14.8 | <10 | 2 |
| 2571330 | Drill Core | 0.12 | 0.05 | 26.7 | 0.3 | <0.05 | 3.4 | 3.04 | 6.5 | <0.02 | <1 | 0.8 | 15.6 | <10 | 4 |
| 2571331 | Drill Core | 0.09 | 0.03 | 34.4 | 0.4 | <0.05 | 2.8 | 5.22 | 11.6 | <0.02 | <1 | 0.5 | 21.8 | <10 | 5 |
| 2571332 | Drill Core | 0.08 | 0.03 | 51.0 | 0.3 | <0.05 | 2.7 | 4.55 | 11.6 | <0.02 | <1 | 0.2 | 26.2 | <10 | 7 |
| 2571333 | Drill Core | 0.09 | 0.04 | 39.4 | 0.3 | <0.05 | 2.9 | 3.29 | 7.6 | <0.02 | <1 | 0.6 | 22.5 | <10 | 5 |
| 2571334 | Drill Core | 0.09 | 0.04 | 38.6 | 0.3 | <0.05 | 2.5 | 3.19 | 6.9 | <0.02 | 1 | 0.1 | 23.5 | <10 | 4 |
| 2571335 | Drill Core | 0.08 | 0.03 | 39.8 | 0.3 | <0.05 | 1.9 | 2.93 | 7.3 | <0.02 | 2 | <0.1 | 29.1 | 10 | 4 |
| 2571336 | Drill Core | 0.09 | 0.05 | 44.4 | 0.4 | <0.05 | 2.2 | 3.33 | 7.7 | <0.02 | <1 | 0.3 | 27.3 | <10 | 5 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571337 | Drill Core | 3.54 | 0.53 | 189.54 | 2.41 | 43.8 | 110 | 54.3 | 21.8 | 670 | 2.95 | 1.2 | 0.5 | 1.4 | 1.1 | 154.8 | 0.05 | 0.05 | <0.02 | 108 | 5.58 |
| 2571338 | Drill Core | 3.59 | 0.80 | 169.35 | 2.85 | 49.4 | 121 | 44.9 | 20.1 | 706 | 2.97 | 2.0 | 0.5 | 0.4 | 1.2 | 176.7 | 0.06 | 0.19 | <0.02 | 104 | 6.54 |
| 2571339 | Drill Core | 2.88 | 0.41 | 150.51 | 2.92 | 50.8 | 97 | 50.1 | 20.3 | 814 | 3.33 | 3.3 | 0.6 | 1.1 | 1.2 | 229.7 | 0.05 | 0.16 | <0.02 | 122 | 6.53 |
| 2571340 | Rock | 1.05 | 0.03 | 0.52 | 0.07 | 0.5 | <2 | 0.6 | <0.1 | 17 | 0.03 | 0.4 | 1.3 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 34.60 |
| 2571341 | Drill Core | 3.69 | 0.40 | 142.41 | 3.72 | 49.4 | 200 | 50.3 | 21.3 | 883 | 3.72 | 2.1 | 0.5 | 2.5 | 1.4 | 196.2 | 0.07 | 0.13 | <0.02 | 148 | 7.86 |
| 2571342 | Drill Core | 3.44 | 0.23 | 169.99 | 3.03 | 51.1 | 123 | 60.0 | 24.1 | 636 | 3.44 | 1.3 | 0.4 | 1.8 | 1.4 | 310.6 | 0.04 | 0.08 | <0.02 | 118 | 1.75 |
| 2571343 | Drill Core | 3.32 | 0.48 | 163.83 | 2.82 | 51.9 | 99 | 58.3 | 24.2 | 662 | 3.51 | 1.0 | 0.4 | 1.4 | 1.2 | 150.0 | 0.04 | 0.12 | <0.02 | 121 | 4.19 |
| 2571344 | Drill Core | 1.24 | 0.37 | 71.94 | 8.50 | 76.1 | 102 | 26.3 | 13.8 | 727 | 3.01 | 2.3 | 0.6 | 0.8 | 1.6 | 1101.4 | 0.09 | 0.27 | 0.12 | 74 | 2.02 |
| 2571345 | Core DUP | | 0.39 | 73.53 | 9.02 | 74.2 | 106 | 26.5 | 13.9 | 772 | 3.03 | 2.6 | 0.7 | 1.0 | 1.6 | 1200.7 | 0.10 | 0.30 | 0.12 | 75 | 2.06 |
| 2571346 | Drill Core | 3.92 | 1.40 | 143.34 | 3.17 | 54.3 | 135 | 48.8 | 34.5 | 687 | 3.83 | 3.9 | 1.3 | 1.1 | 0.8 | 96.1 | 0.14 | 0.43 | 0.04 | 144 | 5.54 |
| 2571347 | Drill Core | 4.49 | 1.24 | 144.84 | 2.68 | 52.7 | 107 | 44.4 | 29.5 | 612 | 3.70 | 2.2 | 0.9 | 2.0 | 0.8 | 93.3 | 0.12 | 0.31 | <0.02 | 138 | 4.74 |
| 2571348 | Drill Core | 4.69 | 1.72 | 164.53 | 3.54 | 55.3 | 160 | 48.8 | 32.6 | 645 | 3.99 | 3.9 | 1.5 | 7.2 | 0.9 | 78.5 | 0.13 | 0.31 | <0.02 | 152 | 4.58 |
| 2571349 | Drill Core | 4.41 | 1.40 | 140.83 | 5.22 | 54.3 | 131 | 42.2 | 28.0 | 576 | 3.68 | 7.0 | 1.3 | 1.7 | 1.0 | 77.8 | 0.14 | 0.21 | <0.02 | 144 | 5.49 |
| 2571350 | Rock Pulp | 0.10 | 230.06 | 2586.91 | 52.10 | 313.3 | 3286 | 9.9 | 20.3 | 211 | 3.28 | 26.1 | 6.6 | 314.8 | 13.0 | 50.1 | 2.76 | 7.82 | 4.41 | 42 | 0.91 |
| 2571351 | Drill Core | 4.64 | 1.47 | 159.63 | 3.08 | 50.0 | 129 | 52.1 | 31.2 | 544 | 3.25 | 6.7 | 2.1 | 7.8 | 1.0 | 57.6 | 0.13 | 0.26 | <0.02 | 124 | 4.52 |
| 2571352 | Drill Core | 4.71 | 1.31 | 148.68 | 3.23 | 45.7 | 123 | 46.4 | 28.2 | 543 | 3.15 | 4.2 | 1.8 | 0.9 | 1.0 | 63.5 | 0.08 | 0.22 | <0.02 | 123 | 5.02 |
| 2571353 | Drill Core | 3.54 | 1.37 | 149.56 | 2.49 | 51.1 | 145 | 43.4 | 29.5 | 719 | 3.60 | 6.1 | 1.5 | 2.6 | 1.0 | 72.5 | 0.09 | 0.19 | <0.02 | 136 | 5.38 |
| 2571354 | Drill Core | 2.18 | 1.11 | 168.34 | 4.76 | 54.6 | 229 | 50.0 | 30.4 | 498 | 3.68 | 4.6 | 1.1 | 2.1 | 0.9 | 62.6 | 0.09 | 0.12 | <0.02 | 133 | 3.72 |
| 2571355 | Drill Core | 4.69 | 1.77 | 148.79 | 5.17 | 59.0 | 190 | 43.8 | 27.6 | 495 | 3.49 | 3.4 | 1.0 | 7.1 | 0.8 | 111.3 | 0.23 | 0.11 | 0.03 | 128 | 4.19 |
| 2571356 | Drill Core | 4.79 | 1.15 | 150.35 | 2.50 | 58.2 | 156 | 27.9 | 25.5 | 531 | 4.13 | 2.0 | 0.5 | 8.3 | 1.0 | 63.1 | 0.10 | 0.08 | <0.02 | 142 | 2.28 |
| 2571357 | Drill Core | 4.53 | 1.86 | 138.03 | 4.05 | 55.5 | 135 | 30.9 | 26.8 | 506 | 4.00 | 2.7 | 0.5 | 2.6 | 0.9 | 73.6 | 0.10 | 0.12 | <0.02 | 143 | 2.63 |
| 2571358 | Drill Core | 4.30 | 1.75 | 145.86 | 6.22 | 64.3 | 181 | 39.1 | 27.4 | 579 | 3.92 | 3.8 | 0.5 | 3.4 | 0.8 | 114.3 | 0.09 | 0.19 | 0.03 | 142 | 3.49 |
| 2571359 | Drill Core | 3.39 | 1.23 | 113.55 | 7.61 | 72.2 | 154 | 36.7 | 25.6 | 702 | 4.11 | 11.2 | 0.6 | 11.5 | 1.7 | 102.9 | 0.13 | 0.25 | 0.09 | 134 | 3.62 |
| 2571360 | Drill Core | 2.17 | 2.08 | 19.38 | 9.98 | 63.3 | 60 | 8.3 | 7.2 | 588 | 2.58 | 2.5 | 1.9 | * | 9.2 | 131.7 | 0.14 | 0.25 | 0.09 | 47 | 2.60 |
| 2571361 | Drill Core | 3.99 | 0.09 | 5.22 | 9.69 | 76.6 | 21 | 4.3 | 3.6 | 581 | 2.38 | 0.6 | 1.9 | * | 9.1 | 86.3 | 0.11 | 0.16 | 0.05 | 25 | 1.64 |
| 2571362 | Drill Core | 4.13 | 0.33 | 8.69 | 10.58 | 76.4 | 50 | 4.3 | 4.3 | 589 | 2.45 | 0.6 | 2.0 | 1.7 | 9.2 | 89.8 | 0.07 | 0.12 | 0.14 | 29 | 1.61 |
| 2571363 | Drill Core | 4.16 | 1.63 | 101.23 | 3.69 | 58.2 | 159 | 50.3 | 33.6 | 486 | 3.97 | 2.9 | 1.5 | 2.8 | 0.9 | 71.2 | 0.12 | 0.18 | 0.03 | 157 | 2.14 |
| 2571364 | Drill Core | 1.68 | 0.96 | 102.58 | 2.40 | 50.8 | 115 | 33.4 | 25.5 | 527 | 3.83 | 1.5 | 1.6 | 2.7 | 1.0 | 72.0 | 0.09 | 0.32 | <0.02 | 154 | 2.99 |
| 2571365 | Drill Core | 1.63 | 1.00 | 98.49 | 2.58 | 52.2 | 102 | 34.4 | 25.6 | 548 | 4.01 | 1.7 | 1.4 | 2.4 | 1.0 | 73.9 | 0.08 | 0.31 | <0.02 | 159 | 2.96 |
| 2571366 | Drill Core | 2.39 | 1.32 | 104.26 | 14.37 | 66.3 | 210 | 44.2 | 29.8 | 582 | 4.00 | 1.6 | 1.4 | 3.4 | 1.0 | 94.8 | 0.29 | 0.40 | 0.10 | 152 | 3.95 |

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Project: TRX16-01
Report Date: October 04, 2016



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| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571337 | Drill Core | 0.197 | 4.2 | 148.1 | 1.40 | 86.7 | 0.180 | 2 | 1.61 | 0.057 | 1.16 | 0.2 | 3.6 | 0.05 | 0.03 | <5 | <0.1 | 0.02 | 5.2 | 2.14 | 0.1 |
| 2571338 | Drill Core | 0.211 | 3.8 | 162.1 | 1.45 | 93.2 | 0.158 | 2 | 1.54 | 0.048 | 0.63 | 0.3 | 4.8 | 0.05 | 0.06 | 6 | <0.1 | <0.02 | 5.4 | 3.71 | 0.1 |
| 2571339 | Drill Core | 0.201 | 4.4 | 156.1 | 1.68 | 123.4 | 0.177 | 2 | 1.88 | 0.047 | 1.16 | 0.2 | 4.1 | 0.08 | 0.04 | 7 | 0.3 | <0.02 | 6.4 | 5.71 | 0.1 |
| 2571340 | Rock | 0.003 | <0.5 | 0.5 | 1.26 | 4.4 | 0.003 | <1 | 0.05 | 0.001 | <0.01 | <0.1 | 0.6 | <0.02 | 0.04 | <5 | <0.1 | 0.33 | <0.1 | <0.02 | <0.1 |
| 2571341 | Drill Core | 0.201 | 4.9 | 165.1 | 2.10 | 126.9 | 0.197 | <1 | 2.45 | 0.048 | 1.45 | 0.2 | 7.9 | 0.12 | 0.05 | <5 | <0.1 | 0.04 | 8.1 | 4.18 | 0.2 |
| 2571342 | Drill Core | 0.235 | 6.4 | 154.8 | 2.37 | 86.0 | 0.198 | <1 | 2.38 | 0.053 | 1.40 | 0.1 | 4.2 | 0.07 | 0.03 | <5 | <0.1 | 0.02 | 7.6 | 3.42 | 0.1 |
| 2571343 | Drill Core | 0.199 | 4.5 | 154.6 | 2.15 | 120.1 | 0.182 | 1 | 2.18 | 0.042 | 1.04 | 0.2 | 5.2 | 0.07 | 0.05 | 10 | <0.1 | 0.03 | 7.2 | 2.54 | 0.1 |
| 2571344 | Drill Core | 0.123 | 5.6 | 63.0 | 1.32 | 118.2 | 0.143 | <1 | 2.26 | 0.079 | 0.48 | 0.1 | 5.7 | 0.15 | 0.13 | 14 | 0.1 | 0.06 | 7.9 | 1.63 | <0.1 |
| 2571345 | Core DUP | 0.117 | 5.7 | 65.7 | 1.33 | 126.9 | 0.150 | 3 | 2.29 | 0.079 | 0.48 | 0.1 | 5.9 | 0.15 | 0.13 | 14 | <0.1 | 0.07 | 8.3 | 1.73 | 0.1 |
| 2571346 | Drill Core | 0.116 | 3.6 | 75.7 | 1.61 | 138.7 | 0.201 | <1 | 1.96 | 0.076 | 0.54 | 0.2 | 10.0 | 0.15 | 0.30 | 11 | 0.7 | 0.03 | 7.2 | 1.20 | 0.1 |
| 2571347 | Drill Core | 0.125 | 3.7 | 71.8 | 1.26 | 141.7 | 0.205 | 1 | 1.99 | 0.060 | 0.78 | 0.1 | 6.1 | 0.13 | 0.22 | 8 | 0.5 | 0.03 | 7.7 | 1.47 | 0.1 |
| 2571348 | Drill Core | 0.127 | 4.3 | 82.4 | 1.54 | 179.6 | 0.218 | <1 | 2.14 | 0.107 | 0.78 | 0.2 | 8.6 | 0.14 | 0.22 | 8 | 0.5 | 0.04 | 7.7 | 2.20 | 0.1 |
| 2571349 | Drill Core | 0.132 | 4.2 | 84.8 | 1.39 | 218.8 | 0.218 | 1 | 2.14 | 0.073 | 0.90 | 0.1 | 7.2 | 0.11 | 0.09 | 6 | 0.4 | <0.02 | 7.2 | 1.43 | 0.1 |
| 2571350 | Rock Pulp | 0.052 | 24.0 | 66.4 | 0.65 | 69.5 | 0.045 | 3 | 1.28 | 0.032 | 0.55 | 3.5 | 4.7 | 0.41 | 1.96 | 90 | 3.2 | 0.33 | 3.8 | 2.43 | <0.1 |
| 2571351 | Drill Core | 0.120 | 4.4 | 81.2 | 1.07 | 201.7 | 0.199 | 2 | 1.71 | 0.097 | 0.73 | <0.1 | 5.2 | 0.06 | 0.17 | 8 | 0.4 | <0.02 | 5.8 | 0.61 | 0.2 |
| 2571352 | Drill Core | 0.134 | 4.3 | 74.3 | 1.05 | 289.2 | 0.216 | 2 | 1.60 | 0.112 | 0.79 | <0.1 | 6.2 | 0.05 | 0.15 | 10 | 0.3 | <0.02 | 6.1 | 0.63 | 0.1 |
| 2571353 | Drill Core | 0.130 | 4.1 | 75.2 | 1.26 | 326.1 | 0.215 | 1 | 1.99 | 0.100 | 1.06 | <0.1 | 5.9 | 0.10 | 0.14 | 6 | 0.3 | 0.03 | 7.4 | 1.32 | 0.1 |
| 2571354 | Drill Core | 0.133 | 3.5 | 82.2 | 1.41 | 310.2 | 0.221 | <1 | 2.23 | 0.089 | 1.21 | 0.1 | 5.2 | 0.15 | 0.12 | 5 | 0.2 | 0.03 | 7.7 | 2.58 | 0.1 |
| 2571355 | Drill Core | 0.139 | 3.7 | 64.8 | 1.26 | 177.8 | 0.185 | <1 | 2.25 | 0.130 | 0.68 | 0.2 | 6.3 | 0.12 | 0.09 | <5 | 0.3 | <0.02 | 6.9 | 1.66 | 0.1 |
| 2571356 | Drill Core | 0.137 | 4.2 | 60.8 | 1.42 | 135.0 | 0.190 | <1 | 2.29 | 0.088 | 0.68 | 0.1 | 6.3 | 0.11 | 0.06 | <5 | <0.1 | <0.02 | 7.8 | 1.41 | 0.1 |
| 2571357 | Drill Core | 0.131 | 4.4 | 66.2 | 1.53 | 125.7 | 0.203 | <1 | 2.34 | 0.083 | 0.70 | 0.2 | 8.0 | 0.16 | 0.09 | <5 | <0.1 | 0.02 | 7.5 | 2.13 | <0.1 |
| 2571358 | Drill Core | 0.124 | 3.8 | 75.8 | 1.54 | 130.0 | 0.214 | <1 | 2.37 | 0.107 | 0.55 | 0.3 | 9.4 | 0.18 | 0.18 | 11 | 0.5 | <0.02 | 7.7 | 2.02 | <0.1 |
| 2571359 | Drill Core | 0.134 | 5.9 | 77.3 | 1.60 | 30.3 | 0.142 | 2 | 2.14 | 0.065 | 0.12 | 0.4 | 10.1 | 0.05 | 0.14 | <5 | <0.1 | <0.02 | 8.3 | 0.33 | 0.2 |
| 2571360 | Drill Core | 0.081 | 24.8 | 12.9 | 0.71 | 40.5 | 0.118 | 3 | 1.50 | 0.106 | 0.21 | 0.5 | 7.1 | 0.07 | 0.07 | <5 | <0.1 | <0.02 | 7.4 | 0.39 | 0.1 |
| 2571361 | Drill Core | 0.073 | 23.6 | 6.0 | 0.54 | 39.4 | 0.100 | 2 | 1.53 | 0.087 | 0.24 | 0.2 | 4.2 | 0.09 | 0.07 | 11 | <0.1 | <0.02 | 6.7 | 0.44 | 0.1 |
| 2571362 | Drill Core | 0.071 | 30.7 | 6.5 | 0.55 | 47.4 | 0.110 | 1 | 1.42 | 0.087 | 0.27 | 0.2 | 4.6 | 0.12 | 0.07 | <5 | 0.1 | <0.02 | 6.4 | 0.49 | 0.2 |
| 2571363 | Drill Core | 0.155 | 4.7 | 83.8 | 1.39 | 228.0 | 0.213 | <1 | 2.16 | 0.125 | 0.88 | 0.3 | 7.4 | 0.25 | 0.29 | <5 | 0.3 | 0.02 | 7.7 | 1.92 | 0.1 |
| 2571364 | Drill Core | 0.141 | 4.6 | 66.5 | 1.29 | 164.3 | 0.237 | <1 | 1.87 | 0.149 | 0.57 | 0.1 | 10.5 | 0.12 | 0.28 | <5 | <0.1 | <0.02 | 6.6 | 1.10 | 0.1 |
| 2571365 | Drill Core | 0.146 | 4.6 | 71.6 | 1.36 | 152.9 | 0.236 | <1 | 1.92 | 0.143 | 0.54 | 0.2 | 10.4 | 0.12 | 0.30 | <5 | <0.1 | <0.02 | 7.4 | 1.11 | 0.1 |
| 2571366 | Drill Core | 0.148 | 5.1 | 57.3 | 1.28 | 99.6 | 0.221 | <1 | 1.93 | 0.143 | 0.41 | 0.3 | 10.2 | 0.16 | 0.35 | <5 | 0.3 | <0.02 | 7.4 | 0.85 | 0.2 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571337 | Drill Core | 0.10 | 0.05 | 38.5 | 0.2 | <0.05 | 2.4 | 3.33 | 7.3 | <0.02 | <1 | 0.5 | 18.2 | <10 | 3 |
| 2571338 | Drill Core | 0.24 | 0.07 | 22.4 | 0.4 | <0.05 | 3.5 | 3.76 | 7.4 | <0.02 | <1 | 0.5 | 18.2 | <10 | 5 |
| 2571339 | Drill Core | 0.07 | 0.05 | 34.5 | 0.2 | <0.05 | 2.1 | 3.84 | 8.1 | <0.02 | <1 | 0.3 | 22.5 | <10 | 5 |
| 2571340 | Rock | <0.02 | 0.04 | <0.1 | <0.1 | <0.05 | 0.2 | 0.37 | 0.2 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2571341 | Drill Core | 0.06 | 0.04 | 41.8 | 0.5 | <0.05 | 2.3 | 5.08 | 8.9 | <0.02 | <1 | 0.5 | 21.8 | <10 | 4 |
| 2571342 | Drill Core | 0.08 | 0.03 | 45.1 | 0.3 | <0.05 | 2.9 | 4.38 | 10.8 | <0.02 | <1 | 0.3 | 29.8 | <10 | 4 |
| 2571343 | Drill Core | 0.07 | 0.04 | 30.3 | 0.3 | <0.05 | 2.1 | 3.96 | 8.0 | <0.02 | <1 | 0.3 | 22.2 | <10 | 3 |
| 2571344 | Drill Core | 0.13 | 0.13 | 26.0 | 1.3 | <0.05 | 3.4 | 5.52 | 10.5 | <0.02 | 1 | 0.4 | 17.8 | <10 | <2 |
| 2571345 | Core DUP | 0.12 | 0.13 | 28.0 | 1.3 | <0.05 | 3.7 | 5.91 | 11.3 | <0.02 | 2 | 0.7 | 20.1 | <10 | <2 |
| 2571346 | Drill Core | 0.14 | 0.14 | 16.8 | 0.3 | <0.05 | 3.8 | 6.67 | 7.3 | <0.02 | 13 | 0.1 | 19.7 | <10 | 3 |
| 2571347 | Drill Core | 0.11 | 0.08 | 29.4 | 0.3 | <0.05 | 2.0 | 6.60 | 7.4 | <0.02 | 9 | 0.1 | 19.1 | 19 | 10 |
| 2571348 | Drill Core | 0.18 | 0.13 | 26.3 | 1.0 | <0.05 | 2.4 | 6.79 | 8.0 | <0.02 | 13 | 0.3 | 22.3 | 19 | 4 |
| 2571349 | Drill Core | 0.14 | 0.07 | 29.7 | 0.8 | <0.05 | 2.0 | 7.25 | 8.1 | <0.02 | 7 | 0.3 | 19.2 | 11 | 4 |
| 2571350 | Rock Pulp | 0.13 | 0.08 | 38.0 | 1.5 | <0.05 | 3.7 | 9.64 | 40.2 | 0.08 | 44 | 0.3 | 6.4 | <10 | <2 |
| 2571351 | Drill Core | 0.13 | 0.12 | 16.1 | 0.2 | <0.05 | 2.7 | 6.43 | 8.1 | <0.02 | 10 | 0.1 | 15.2 | 12 | 4 |
| 2571352 | Drill Core | 0.12 | 0.16 | 16.1 | 0.2 | <0.05 | 2.7 | 6.53 | 7.9 | <0.02 | 11 | <0.1 | 12.5 | <10 | 5 |
| 2571353 | Drill Core | 0.10 | 0.15 | 27.6 | 0.2 | <0.05 | 1.9 | 6.90 | 8.3 | <0.02 | 6 | 0.1 | 16.1 | 16 | 7 |
| 2571354 | Drill Core | 0.07 | 0.12 | 42.7 | 0.2 | <0.05 | 2.1 | 6.78 | 7.0 | <0.02 | 4 | <0.1 | 19.6 | 17 | 4 |
| 2571355 | Drill Core | 0.09 | 0.12 | 24.7 | 0.2 | <0.05 | 4.7 | 5.87 | 7.3 | <0.02 | 7 | 0.2 | 20.3 | <10 | 5 |
| 2571356 | Drill Core | 0.07 | 0.15 | 24.9 | 0.2 | <0.05 | 3.8 | 8.17 | 9.0 | <0.02 | <1 | 0.2 | 20.6 | <10 | 4 |
| 2571357 | Drill Core | 0.09 | 0.15 | 30.7 | 0.3 | <0.05 | 3.4 | 7.35 | 9.7 | <0.02 | 3 | 0.1 | 23.9 | <10 | 5 |
| 2571358 | Drill Core | 0.09 | 0.20 | 25.2 | 0.4 | <0.05 | 2.9 | 6.96 | 8.1 | <0.02 | 3 | 0.2 | 23.5 | 23 | 5 |
| 2571359 | Drill Core | 0.12 | 0.30 | 5.2 | 0.3 | <0.05 | 2.3 | 7.04 | 11.8 | <0.02 | 1 | 0.5 | 17.5 | 16 | 4 |
| 2571360 | Drill Core | 0.25 | 2.44 | 9.9 | 1.0 | 0.12 | 4.7 | 8.52 | 47.1 | 0.05 | 4 | 0.6 | 13.3 | <10 | <2 |
| 2571361 | Drill Core | 0.10 | 2.50 | 14.1 | 0.8 | 0.11 | 2.4 | 6.80 | 45.3 | 0.02 | <1 | 0.6 | 8.7 | <10 | <2 |
| 2571362 | Drill Core | 0.11 | 2.00 | 18.6 | 0.9 | 0.08 | 2.5 | 7.78 | 58.0 | 0.02 | <1 | 0.5 | 9.3 | <10 | <2 |
| 2571363 | Drill Core | 0.14 | 0.15 | 39.4 | 0.3 | <0.05 | 1.8 | 6.97 | 9.4 | <0.02 | 19 | 0.3 | 20.4 | 22 | <2 |
| 2571364 | Drill Core | 0.12 | 0.21 | 22.0 | 0.5 | <0.05 | 4.6 | 8.14 | 9.8 | 0.02 | 31 | 0.2 | 15.3 | 13 | 4 |
| 2571365 | Drill Core | 0.17 | 0.16 | 21.6 | 0.4 | <0.05 | 4.1 | 8.42 | 9.7 | 0.02 | 28 | 0.3 | 17.5 | 14 | <2 |
| 2571366 | Drill Core | 0.21 | 0.14 | 18.0 | 0.3 | <0.05 | 5.1 | 8.51 | 10.7 | 0.02 | 13 | 0.3 | 15.9 | <10 | 2 |

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Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571367 | Drill Core | 4.20 | 0.28 | 21.56 | 16.15 | 79.9 | 67 | 6.2 | 5.7 | 719 | 2.94 | 0.3 | 1.5 | 4.0 | 5.5 | 70.4 | 0.37 | 0.25 | 0.08 | 52 | 1.84 |
| 2571368 | Drill Core | 3.25 | 0.21 | 10.60 | 10.70 | 75.3 | 64 | 6.2 | 5.4 | 723 | 2.97 | 0.3 | 1.4 | 1.4 | 4.5 | 75.1 | 0.14 | 0.18 | 0.11 | 51 | 1.89 |
| 2571369 | Drill Core | 2.06 | 0.28 | 10.05 | 8.87 | 81.1 | 35 | 6.2 | 5.7 | 716 | 2.99 | 0.5 | 1.6 | 1.4 | 5.3 | 60.8 | 0.13 | 0.19 | 0.07 | 53 | 1.72 |
| 2571370 | Drill Core | 4.57 | 1.55 | 120.55 | 2.82 | 63.0 | 152 | 34.4 | 24.0 | 631 | 4.01 | 2.5 | 1.8 | 2.0 | 1.2 | 84.4 | 0.20 | 0.22 | <0.02 | 172 | 3.73 |
| 2571371 | Drill Core | 2.93 | 1.44 | 88.97 | 4.08 | 63.8 | 119 | 25.6 | 21.7 | 698 | 4.10 | 1.6 | 1.3 | 2.7 | 2.0 | 82.3 | 0.11 | 0.12 | <0.02 | 170 | 3.78 |
| 2571372 | Drill Core | 2.03 | 0.57 | 101.44 | 3.33 | 51.7 | 135 | 23.6 | 19.8 | 771 | 3.96 | 2.2 | 1.2 | 2.1 | 1.0 | 142.4 | 0.12 | 0.10 | <0.02 | 167 | 7.35 |
| 2571373 | Drill Core | 3.98 | 0.54 | 122.52 | 5.32 | 60.5 | 142 | 28.5 | 24.5 | 524 | 4.05 | 1.5 | 0.5 | 2.6 | 1.0 | 143.5 | 0.11 | 0.16 | 0.02 | 154 | 3.35 |
| 2571374 | Drill Core | 4.10 | 0.58 | 75.55 | 2.77 | 57.9 | 72 | 18.0 | 23.7 | 566 | 4.42 | 1.4 | 0.3 | 3.0 | 0.8 | 174.5 | 0.04 | 0.07 | <0.02 | 183 | 2.49 |
| 2571375 | Drill Core | 2.71 | 0.29 | 95.28 | 4.30 | 49.2 | 101 | 21.1 | 20.3 | 529 | 3.60 | 0.5 | 0.5 | 1.9 | 0.9 | 80.5 | 0.12 | 0.12 | <0.02 | 148 | 2.93 |
| 2571376 | Drill Core | 3.00 | 0.32 | 44.23 | 2.64 | 31.7 | 70 | 18.4 | 17.8 | 560 | 3.29 | 2.0 | 0.5 | 3.0 | 0.7 | 249.5 | 0.13 | 0.32 | <0.02 | 130 | 6.55 |
| 2571377 | Drill Core | 2.81 | 0.28 | 80.73 | 2.81 | 33.2 | 99 | 15.6 | 16.2 | 362 | 2.82 | 0.8 | 0.4 | 2.6 | 0.7 | 105.8 | 0.09 | 0.35 | <0.02 | 120 | 2.31 |
| 2571378 | Drill Core | 4.37 | 0.47 | 75.93 | 4.22 | 43.0 | 100 | 16.5 | 17.5 | 479 | 3.06 | 2.4 | 0.4 | 2.2 | 1.0 | 88.6 | 0.07 | 0.12 | <0.02 | 113 | 2.28 |
| 2571379 | Drill Core | 4.29 | 1.30 | 65.97 | 3.04 | 46.6 | 74 | 19.7 | 19.5 | 517 | 3.28 | 5.1 | 0.5 | 1.7 | 0.9 | 85.5 | 0.08 | 0.09 | <0.02 | 119 | 2.94 |
| 2571380 | Rock | 1.08 | 0.03 | 0.43 | 0.08 | 0.2 | <2 | <0.1 | 0.2 | 17 | 0.02 | <0.1 | 1.6 | 1.0 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.45 |
| 2571381 | Drill Core | 2.15 | 1.21 | 93.36 | 2.73 | 48.6 | 99 | 24.2 | 20.5 | 648 | 3.34 | 9.0 | 0.8 | 2.5 | 0.8 | 92.6 | 0.12 | 0.08 | <0.02 | 126 | 5.39 |
| 2571382 | Drill Core | 4.71 | 1.91 | 79.60 | 3.30 | 50.5 | 96 | 25.6 | 20.0 | 605 | 3.50 | 5.6 | 0.6 | 2.3 | 0.9 | 86.4 | 0.12 | 0.15 | <0.02 | 138 | 4.20 |
| 2571383 | Drill Core | 3.10 | 0.74 | 81.90 | 4.77 | 54.2 | 99 | 26.3 | 22.1 | 693 | 3.80 | 4.8 | 0.7 | 4.7 | 0.9 | 119.5 | 0.16 | 0.28 | 0.03 | 150 | 5.85 |
| 2571384 | Drill Core | 4.53 | 0.62 | 87.56 | 1.97 | 43.4 | 77 | 21.4 | 17.7 | 692 | 3.19 | 0.8 | 0.6 | 1.7 | 0.7 | 106.6 | 0.08 | 0.07 | <0.02 | 135 | 6.36 |
| 2571385 | Core DUP | | 0.75 | 88.25 | 2.06 | 47.3 | 84 | 23.2 | 17.9 | 693 | 3.27 | 1.7 | 0.6 | 1.9 | 0.8 | 108.4 | 0.09 | 0.09 | <0.02 | 139 | 6.36 |
| 2571386 | Drill Core | 4.44 | 0.41 | 91.27 | 1.89 | 45.1 | 87 | 22.9 | 19.2 | 714 | 3.24 | 1.2 | 0.6 | 1.8 | 0.7 | 105.1 | 0.10 | 0.07 | <0.02 | 134 | 6.58 |
| 2571387 | Drill Core | 4.67 | 0.39 | 86.51 | 1.94 | 36.2 | 69 | 14.9 | 13.0 | 703 | 2.74 | 0.7 | 0.7 | 1.9 | 0.7 | 123.5 | 0.08 | 0.05 | <0.02 | 111 | 7.37 |
| 2571388 | Drill Core | 4.55 | 0.55 | 88.82 | 2.46 | 39.0 | 82 | 17.6 | 15.0 | 644 | 3.04 | 0.5 | 0.9 | 1.4 | 0.7 | 119.4 | 0.09 | 0.10 | <0.02 | 115 | 7.03 |
| 2571389 | Drill Core | 3.24 | 0.76 | 99.92 | 2.40 | 48.0 | 97 | 27.3 | 21.9 | 604 | 3.53 | 2.7 | 0.6 | 2.8 | 0.9 | 98.2 | 0.10 | 0.14 | <0.02 | 136 | 4.55 |
| 2571390 | Rock Pulp | 0.10 | 239.50 | 2665.90 | 50.99 | 288.9 | 3265 | 9.9 | 20.6 | 211 | 3.30 | 25.5 | 6.4 | 247.9 | 12.1 | 47.1 | 2.90 | 6.56 | 4.61 | 43 | 0.92 |
| 2571391 | Drill Core | 2.19 | 0.54 | 82.49 | 4.41 | 42.7 | 115 | 16.0 | 13.9 | 570 | 2.87 | 1.0 | 0.6 | 0.8 | 0.7 | 79.9 | 0.11 | 0.09 | <0.02 | 116 | 5.32 |
| 2571392 | Drill Core | 3.99 | 0.85 | 103.08 | 3.38 | 57.8 | 118 | 27.0 | 19.5 | 450 | 3.59 | 2.1 | 0.5 | 2.7 | 0.8 | 61.1 | 0.11 | 0.11 | 0.02 | 127 | 2.21 |
| 2571393 | Drill Core | 4.12 | 1.71 | 68.96 | 1.01 | 42.1 | 73 | 22.9 | 19.9 | 398 | 3.04 | 6.5 | 0.4 | <0.2 | 0.8 | 56.7 | 0.07 | 0.10 | <0.02 | 96 | 1.71 |
| 2571394 | Drill Core | 4.14 | 0.52 | 71.33 | 1.84 | 44.3 | 88 | 25.7 | 21.1 | 411 | 3.10 | 2.5 | 0.3 | 12.6 | 0.6 | 61.1 | 0.10 | 0.13 | <0.02 | 116 | 3.25 |
| 2571395 | Drill Core | 4.80 | 1.06 | 79.32 | 2.78 | 52.7 | 105 | 26.9 | 26.7 | 565 | 4.20 | 3.1 | 0.3 | 2.2 | 0.5 | 104.1 | 0.15 | 0.26 | 0.04 | 147 | 4.74 |
| 2571396 | Drill Core | 1.69 | 0.45 | 76.34 | 4.07 | 48.1 | 100 | 24.6 | 19.7 | 421 | 3.06 | 2.5 | 0.5 | <0.2 | 0.7 | 115.8 | 0.12 | 0.08 | <0.02 | 110 | 3.87 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: October 04, 2016



# CERTIFICATE OF ANALYSIS VAN16001703.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571367 | Drill Core | 0.101 | 21.0 | 10.0 | 0.79 | 69.4 | 0.160 | <1 | 1.73 | 0.104 | 0.40 | 0.2 | 7.1 | 0.16 | 0.11 | <5 | 0.3 | <0.02 | 7.0 | 0.76 | <0.1 |
| 2571368 | Drill Core | 0.100 | 17.3 | 10.4 | 0.80 | 59.0 | 0.156 | <1 | 1.82 | 0.107 | 0.45 | 0.2 | 6.9 | 0.17 | 0.10 | 7 | <0.1 | <0.02 | 7.1 | 0.92 | 0.1 |
| 2571369 | Drill Core | 0.104 | 20.1 | 10.3 | 0.80 | 69.2 | 0.158 | <1 | 1.64 | 0.110 | 0.41 | 0.2 | 7.4 | 0.16 | 0.10 | <5 | 0.1 | <0.02 | 7.7 | 0.68 | 0.2 |
| 2571370 | Drill Core | 0.155 | 5.6 | 75.6 | 1.52 | 212.7 | 0.265 | <1 | 2.18 | 0.207 | 0.67 | 0.3 | 11.5 | 0.13 | 0.19 | <5 | 0.5 | <0.02 | 8.3 | 1.98 | 0.2 |
| 2571371 | Drill Core | 0.148 | 8.7 | 62.2 | 1.36 | 165.5 | 0.265 | <1 | 2.40 | 0.240 | 0.58 | 0.1 | 11.8 | 0.12 | 0.12 | <5 | <0.1 | <0.02 | 9.0 | 2.31 | 0.2 |
| 2571372 | Drill Core | 0.142 | 4.9 | 67.5 | 1.35 | 314.1 | 0.279 | 1 | 2.58 | 0.326 | 0.81 | 0.2 | 10.0 | 0.14 | 0.13 | <5 | <0.1 | <0.02 | 8.8 | 3.28 | 0.2 |
| 2571373 | Drill Core | 0.149 | 4.6 | 76.5 | 1.20 | 165.9 | 0.240 | 2 | 2.46 | 0.201 | 0.58 | 0.3 | 9.7 | 0.17 | 0.22 | <5 | 0.4 | 0.05 | 8.9 | 1.13 | 0.1 |
| 2571374 | Drill Core | 0.132 | 3.5 | 22.5 | 1.49 | 272.8 | 0.304 | <1 | 3.22 | 0.215 | 1.33 | 0.2 | 6.4 | 0.19 | 0.07 | <5 | <0.1 | <0.02 | 10.0 | 1.66 | 0.1 |
| 2571375 | Drill Core | 0.144 | 4.8 | 58.6 | 1.04 | 153.3 | 0.233 | <1 | 1.92 | 0.132 | 0.86 | 0.2 | 8.5 | 0.17 | 0.13 | <5 | 0.1 | 0.03 | 6.9 | 1.21 | 0.1 |
| 2571376 | Drill Core | 0.124 | 3.3 | 67.7 | 0.97 | 31.9 | 0.176 | 2 | 1.93 | 0.111 | 0.21 | 0.3 | 10.3 | 0.05 | 0.13 | <5 | <0.1 | <0.02 | 7.5 | 0.36 | 0.3 |
| 2571377 | Drill Core | 0.119 | 3.8 | 44.5 | 0.87 | 38.5 | 0.184 | 2 | 1.61 | 0.143 | 0.30 | 0.1 | 6.0 | 0.05 | 0.24 | <5 | 0.2 | <0.02 | 4.5 | 0.79 | <0.1 |
| 2571378 | Drill Core | 0.116 | 4.7 | 36.1 | 1.14 | 150.1 | 0.213 | 2 | 2.02 | 0.170 | 0.63 | 0.2 | 7.0 | 0.12 | 0.14 | <5 | 0.1 | 0.02 | 6.0 | 1.26 | 0.2 |
| 2571379 | Drill Core | 0.132 | 4.3 | 44.6 | 1.14 | 98.0 | 0.185 | 2 | 1.95 | 0.176 | 0.36 | 0.2 | 8.7 | 0.06 | 0.05 | <5 | <0.1 | <0.02 | 6.7 | 0.60 | 0.1 |
| 2571380 | Rock | 0.003 | <0.5 | <0.5 | 1.32 | 5.3 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.04 | <5 | <0.1 | 0.20 | <0.1 | <0.02 | <0.1 |
| 2571381 | Drill Core | 0.138 | 4.6 | 56.6 | 1.16 | 201.0 | 0.193 | 2 | 1.87 | 0.126 | 0.58 | 0.2 | 7.1 | 0.07 | 0.04 | <5 | 0.1 | 0.02 | 7.1 | 0.52 | 0.1 |
| 2571382 | Drill Core | 0.139 | 4.7 | 69.5 | 1.29 | 135.0 | 0.204 | 1 | 2.09 | 0.161 | 0.45 | 0.2 | 9.8 | 0.07 | 0.06 | <5 | <0.1 | <0.02 | 7.1 | 0.81 | 0.1 |
| 2571383 | Drill Core | 0.141 | 5.0 | 69.9 | 1.18 | 47.2 | 0.226 | 4 | 2.88 | 0.278 | 0.18 | 0.3 | 13.9 | 0.12 | 0.14 | 7 | 0.2 | 0.05 | 9.7 | 1.36 | 0.2 |
| 2571384 | Drill Core | 0.135 | 4.1 | 49.5 | 1.15 | 203.6 | 0.209 | 2 | 2.17 | 0.177 | 0.92 | 0.2 | 6.9 | 0.09 | 0.09 | 7 | <0.1 | <0.02 | 6.4 | 0.92 | 0.1 |
| 2571385 | Core DUP | 0.140 | 4.3 | 51.3 | 1.17 | 207.5 | 0.225 | 3 | 2.18 | 0.182 | 0.93 | 0.2 | 7.9 | 0.09 | 0.09 | 12 | <0.1 | <0.02 | 6.9 | 0.92 | <0.1 |
| 2571386 | Drill Core | 0.133 | 4.3 | 56.9 | 1.12 | 168.0 | 0.220 | 1 | 1.97 | 0.159 | 0.98 | 0.1 | 7.7 | 0.11 | 0.11 | <5 | <0.1 | <0.02 | 5.7 | 0.81 | 0.2 |
| 2571387 | Drill Core | 0.140 | 4.0 | 38.8 | 0.83 | 101.0 | 0.170 | 2 | 1.58 | 0.174 | 0.68 | 0.1 | 6.9 | 0.08 | 0.09 | 7 | <0.1 | <0.02 | 4.7 | 0.51 | 0.1 |
| 2571388 | Drill Core | 0.141 | 4.3 | 44.2 | 0.86 | 94.7 | 0.190 | 4 | 1.65 | 0.176 | 0.55 | 0.1 | 7.2 | 0.07 | 0.15 | <5 | <0.1 | <0.02 | 5.3 | 0.50 | 0.2 |
| 2571389 | Drill Core | 0.139 | 5.0 | 51.7 | 1.15 | 199.4 | 0.254 | 3 | 2.07 | 0.204 | 0.79 | 0.1 | 8.8 | 0.10 | 0.07 | <5 | <0.1 | <0.02 | 6.6 | 0.63 | 0.1 |
| 2571390 | Rock Pulp | 0.055 | 22.1 | 71.8 | 0.66 | 46.8 | 0.045 | 2 | 1.23 | 0.032 | 0.53 | 3.7 | 5.5 | 0.41 | 2.01 | 73 | 3.0 | 0.32 | 3.5 | 2.15 | <0.1 |
| 2571391 | Drill Core | 0.151 | 4.4 | 44.8 | 0.90 | 140.5 | 0.190 | <1 | 1.49 | 0.128 | 0.79 | 0.2 | 4.4 | 0.11 | 0.08 | 5 | <0.1 | <0.02 | 5.3 | 0.83 | 0.1 |
| 2571392 | Drill Core | 0.158 | 4.0 | 66.0 | 1.35 | 125.8 | 0.193 | 2 | 2.08 | 0.131 | 0.57 | 0.2 | 5.6 | 0.08 | 0.07 | <5 | <0.1 | <0.02 | 6.6 | 0.62 | 0.1 |
| 2571393 | Drill Core | 0.148 | 4.4 | 40.7 | 1.07 | 83.8 | 0.176 | 7 | 1.60 | 0.114 | 0.26 | 0.1 | 5.9 | 0.04 | 0.03 | <5 | <0.1 | <0.02 | 5.6 | 0.24 | <0.1 |
| 2571394 | Drill Core | 0.145 | 4.1 | 51.9 | 0.81 | 64.0 | 0.211 | 2 | 1.49 | 0.160 | 0.44 | 0.1 | 7.3 | 0.08 | 0.19 | 7 | <0.1 | <0.02 | 5.3 | 0.89 | 0.1 |
| 2571395 | Drill Core | 0.123 | 3.9 | 60.8 | 1.04 | 66.9 | 0.220 | 5 | 1.72 | 0.153 | 0.42 | 0.2 | 8.5 | 0.09 | 0.44 | <5 | <0.1 | <0.02 | 7.0 | 1.13 | 0.1 |
| 2571396 | Drill Core | 0.135 | 4.7 | 50.6 | 0.80 | 135.7 | 0.251 | 1 | 1.88 | 0.171 | 0.52 | 0.2 | 5.0 | 0.10 | 0.18 | <5 | <0.1 | 0.03 | 5.5 | 0.99 | 0.1 |

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Report Date: October 04, 2016



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| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571367 | Drill Core | 0.07 | 1.08 | 23.7 | 1.0 | 0.05 | 1.4 | 10.16 | 41.4 | 0.04 | 1 | 0.2 | 13.3 | <10 | <2 |
| 2571368 | Drill Core | 0.04 | 0.87 | 29.1 | 1.0 | <0.05 | 1.1 | 10.33 | 34.7 | 0.02 | <1 | 0.2 | 13.4 | <10 | <2 |
| 2571369 | Drill Core | 0.07 | 1.01 | 24.4 | 1.1 | 0.06 | 1.2 | 10.53 | 40.6 | 0.03 | 1 | 0.2 | 14.2 | <10 | <2 |
| 2571370 | Drill Core | 0.19 | 0.19 | 22.8 | 0.3 | <0.05 | 3.7 | 8.43 | 11.6 | <0.02 | 6 | 0.3 | 19.7 | <10 | 3 |
| 2571371 | Drill Core | 0.16 | 0.37 | 20.0 | 0.5 | <0.05 | 5.6 | 9.38 | 17.8 | <0.02 | 2 | 0.6 | 21.7 | <10 | 3 |
| 2571372 | Drill Core | 0.14 | 0.25 | 26.3 | 0.4 | <0.05 | 4.0 | 9.21 | 10.2 | <0.02 | 1 | 0.1 | 21.6 | 24 | 3 |
| 2571373 | Drill Core | 0.12 | 0.23 | 21.5 | 0.3 | <0.05 | 3.3 | 7.08 | 9.5 | <0.02 | 1 | 0.1 | 19.8 | 26 | 7 |
| 2571374 | Drill Core | 0.07 | 0.07 | 42.3 | 0.3 | <0.05 | 1.6 | 7.12 | 7.8 | <0.02 | 1 | 0.2 | 20.8 | 13 | 6 |
| 2571375 | Drill Core | 0.26 | 0.15 | 38.6 | 0.3 | <0.05 | 3.5 | 7.46 | 9.8 | <0.02 | <1 | 0.3 | 16.5 | 15 | <2 |
| 2571376 | Drill Core | 0.29 | 0.18 | 8.6 | 0.5 | <0.05 | 7.4 | 6.57 | 7.1 | <0.02 | <1 | 0.5 | 7.5 | <10 | 3 |
| 2571377 | Drill Core | 0.14 | 0.09 | 14.2 | 0.3 | <0.05 | 2.6 | 6.33 | 7.7 | <0.02 | <1 | 0.2 | 7.9 | <10 | 5 |
| 2571378 | Drill Core | 0.09 | 0.07 | 26.0 | 0.2 | <0.05 | 2.4 | 5.91 | 9.1 | <0.02 | <1 | 0.2 | 10.4 | <10 | 2 |
| 2571379 | Drill Core | 0.16 | 0.14 | 12.3 | 0.3 | <0.05 | 4.0 | 6.52 | 8.7 | <0.02 | 3 | 0.2 | 10.9 | <10 | 3 |
| 2571380 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | <0.1 | 0.17 | 0.2 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2571381 | Drill Core | 0.12 | 0.13 | 16.7 | 0.2 | <0.05 | 2.7 | 7.56 | 9.3 | <0.02 | 1 | 0.1 | 13.0 | <10 | <2 |
| 2571382 | Drill Core | 0.15 | 0.18 | 13.8 | 0.3 | <0.05 | 3.5 | 7.55 | 9.6 | <0.02 | 4 | 0.1 | 16.3 | 25 | 2 |
| 2571383 | Drill Core | 0.20 | 0.23 | 6.3 | 0.4 | <0.05 | 6.2 | 8.24 | 10.5 | 0.02 | 3 | 0.6 | 24.3 | 18 | 3 |
| 2571384 | Drill Core | 0.15 | 0.11 | 28.3 | 0.2 | <0.05 | 6.6 | 7.93 | 8.5 | 0.02 | 1 | 0.3 | 14.6 | <10 | 3 |
| 2571385 | Core DUP | 0.15 | 0.14 | 28.8 | 0.3 | <0.05 | 4.0 | 8.05 | 9.1 | <0.02 | 2 | 0.4 | 15.2 | 13 | 5 |
| 2571386 | Drill Core | 0.21 | 0.10 | 36.3 | 0.2 | <0.05 | 4.4 | 8.05 | 9.1 | <0.02 | 2 | <0.1 | 14.1 | <10 | 2 |
| 2571387 | Drill Core | 0.21 | 0.10 | 26.7 | 0.2 | <0.05 | 5.3 | 7.20 | 8.4 | <0.02 | 2 | <0.1 | 10.6 | <10 | <2 |
| 2571388 | Drill Core | 0.20 | 0.14 | 20.3 | 0.3 | <0.05 | 5.6 | 8.11 | 8.9 | <0.02 | <1 | 0.2 | 11.1 | <10 | 3 |
| 2571389 | Drill Core | 0.20 | 0.20 | 25.3 | 0.3 | <0.05 | 4.2 | 8.83 | 10.4 | <0.02 | 3 | 0.2 | 14.7 | 16 | 3 |
| 2571390 | Rock Pulp | 0.12 | 0.08 | 35.5 | 1.4 | <0.05 | 3.5 | 9.24 | 38.8 | 0.09 | 45 | 0.5 | 6.0 | <10 | <2 |
| 2571391 | Drill Core | 0.12 | 0.04 | 30.5 | 4.7 | <0.05 | 2.5 | 6.97 | 8.2 | <0.02 | <1 | 0.1 | 9.6 | <10 | 3 |
| 2571392 | Drill Core | 0.10 | 0.07 | 20.2 | 1.4 | <0.05 | 2.1 | 6.77 | 8.1 | <0.02 | 1 | 0.1 | 21.3 | <10 | 3 |
| 2571393 | Drill Core | 0.07 | 0.07 | 8.3 | 0.2 | <0.05 | 1.7 | 5.92 | 8.7 | <0.02 | 3 | 0.2 | 15.0 | <10 | 2 |
| 2571394 | Drill Core | 0.20 | 0.09 | 20.1 | 0.3 | <0.05 | 5.3 | 6.95 | 8.4 | <0.02 | 2 | 0.2 | 10.7 | <10 | <2 |
| 2571395 | Drill Core | 0.26 | 0.09 | 15.8 | 0.3 | <0.05 | 7.5 | 7.45 | 8.1 | <0.02 | 3 | 0.4 | 13.9 | <10 | 5 |
| 2571396 | Drill Core | 0.21 | 0.16 | 20.8 | 0.4 | <0.05 | 5.1 | 8.13 | 9.5 | <0.02 | 1 | 0.2 | 12.2 | <10 | <2 |

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| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2571397 | Drill Core | 4.21 | 0.66 | 117.29 | 4.75 | 43.2 | 207 | 36.0 | 27.7 | 307 | 3.43 | 2.4 | 0.3 | <0.2 | 0.7 | 66.7 | 0.15 | 0.08 | 0.04 | 105 | 2.58 |
| 2571398 | Drill Core | 4.54 | 0.57 | 93.80 | 4.41 | 47.4 | 139 | 25.3 | 20.6 | 290 | 2.78 | 4.5 | 0.3 | <0.2 | 0.8 | 85.8 | 0.17 | 0.11 | 0.03 | 94 | 2.80 |
| 2571399 | Drill Core | 4.71 | 0.75 | 142.18 | 5.39 | 63.1 | 191 | 31.6 | 29.9 | 557 | 4.49 | 18.4 | 0.3 | 0.5 | 0.6 | 119.6 | 0.20 | 0.96 | 0.05 | 151 | 4.24 |
| 2571400 | Drill Core | 3.57 | 2.05 | 109.76 | 4.06 | 56.9 | 134 | 66.9 | 30.4 | 424 | 4.12 | 2.2 | 0.5 | <0.2 | 1.0 | 72.9 | 0.10 | 0.18 | 0.03 | 151 | 2.41 |
| 2571401 | Drill Core | 3.26 | 1.33 | 119.65 | 3.94 | 64.8 | 147 | 64.9 | 30.7 | 431 | 4.31 | 1.6 | 0.4 | <0.2 | 1.1 | 77.9 | 0.14 | 0.18 | 0.02 | 155 | 2.65 |
| 2571402 | Drill Core | 3.96 | 0.56 | 93.98 | 3.32 | 55.4 | 123 | 35.6 | 26.2 | 421 | 3.73 | 1.5 | 0.3 | <0.2 | 0.7 | 58.6 | 0.12 | 0.13 | <0.02 | 141 | 2.52 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2571397 | Drill Core | 0.145 | 4.4 | 55.7 | 0.62 | 71.0 | 0.237 | 2 | 1.55 | 0.148 | 0.30 | 0.2 | 4.8 | 0.06 | 0.58 | <5 | 0.4 | 0.08 | 5.3 | 0.52 | <0.1 |
| 2571398 | Drill Core | 0.147 | 5.0 | 47.9 | 0.56 | 54.1 | 0.221 | 1 | 1.43 | 0.161 | 0.20 | 0.3 | 5.2 | 0.04 | 0.34 | <5 | 0.1 | 0.06 | 4.8 | 0.43 | <0.1 |
| 2571399 | Drill Core | 0.129 | 4.3 | 67.1 | 1.10 | 51.0 | 0.191 | 1 | 1.90 | 0.106 | 0.24 | 0.2 | 9.1 | 0.09 | 0.61 | <5 | 0.3 | 0.09 | 8.0 | 0.72 | 0.1 |
| 2571400 | Drill Core | 0.178 | 4.8 | 162.9 | 1.63 | 236.9 | 0.262 | 1 | 2.21 | 0.117 | 0.98 | 0.2 | 6.4 | 0.25 | 0.22 | <5 | <0.1 | 0.08 | 8.2 | 2.60 | 0.1 |
| 2571401 | Drill Core | 0.173 | 5.2 | 158.5 | 1.82 | 293.9 | 0.282 | <1 | 2.40 | 0.131 | 1.07 | 0.2 | 5.9 | 0.26 | 0.23 | <5 | <0.1 | 0.07 | 8.1 | 3.04 | <0.1 |
| 2571402 | Drill Core | 0.138 | 4.6 | 72.8 | 1.02 | 265.7 | 0.272 | <1 | 1.75 | 0.141 | 0.81 | 0.1 | 7.7 | 0.16 | 0.20 | <5 | <0.1 | 0.04 | 6.8 | 1.57 | 0.1 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2571397 | Drill Core | 0.19 | 0.17 | 11.4 | 0.3 | <0.05 | 4.4 | 7.36 | 8.7 | <0.02 | 2 | 0.2 | 10.2 | <10 | 4 |
| 2571398 | Drill Core | 0.20 | 0.20 | 7.1 | 0.4 | <0.05 | 5.6 | 7.46 | 9.7 | <0.02 | 2 | 0.2 | 12.0 | <10 | <2 |
| 2571399 | Drill Core | 0.15 | 0.10 | 11.9 | 0.3 | <0.05 | 3.6 | 7.72 | 8.7 | 0.02 | 2 | 0.4 | 14.5 | <10 | 2 |
| 2571400 | Drill Core | 0.08 | 0.12 | 41.8 | 0.3 | <0.05 | 2.1 | 5.98 | 9.1 | <0.02 | 2 | 0.3 | 27.3 | <10 | 5 |
| 2571401 | Drill Core | 0.08 | 0.14 | 42.6 | 0.3 | <0.05 | 2.3 | 6.74 | 10.1 | <0.02 | 2 | 0.3 | 28.8 | <10 | 3 |
| 2571402 | Drill Core | 0.17 | 0.10 | 30.8 | 0.3 | <0.05 | 4.9 | 7.39 | 9.2 | <0.02 | 1 | 0.2 | 16.8 | <10 | 3 |

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Report Date: October 04, 2016



# QUALITY CONTROL REPORT VAN16001703.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| REP 2571246 | QC | | 5.37 | 50.67 | 14.82 | 92.8 | 468 | 16.3 | 11.6 | 753 | 3.56 | 36.3 | 0.4 | <0.2 | 1.9 | 119.4 | 0.60 | 1.69 | 0.27 | 63 | 3.63 |
| REP 2571280 | QC | | 1.52 | 53.24 | 11.44 | 67.3 | 450 | 8.8 | 17.7 | 696 | 4.72 | 8.6 | 0.2 | 7.8 | 0.8 | 255.6 | 0.16 | 2.61 | 0.03 | 103 | 4.70 |
| 2571315 | Drill Core | 4.08 | 0.43 | 176.70 | 2.26 | 41.9 | 81 | 56.0 | 21.2 | 555 | 2.92 | 0.7 | 0.4 | 0.9 | 1.0 | 289.3 | 0.06 | 0.08 | <0.02 | 99 | 4.00 |
| REP 2571315 | QC | | 0.44 | 178.13 | 2.27 | 42.1 | 85 | 57.0 | 21.2 | 551 | 2.93 | 0.5 | 0.4 | 1.3 | 1.1 | 283.8 | 0.07 | 0.07 | <0.02 | 99 | 3.94 |
| 2571350 | Rock Pulp | 0.10 | 230.06 | 2586.91 | 52.10 | 313.3 | 3286 | 9.9 | 20.3 | 211 | 3.28 | 26.1 | 6.6 | 314.8 | 13.0 | 50.1 | 2.76 | 7.82 | 4.41 | 42 | 0.91 |
| REP 2571350 | QC | | 232.62 | 2626.61 | 52.97 | 299.8 | 3250 | 9.5 | 21.1 | 218 | 3.30 | 26.0 | 7.0 | 304.8 | 13.1 | 49.2 | 2.69 | 7.06 | 4.54 | 43 | 0.92 |
| 2571385 | Core DUP | | 0.75 | 88.25 | 2.06 | 47.3 | 84 | 23.2 | 17.9 | 693 | 3.27 | 1.7 | 0.6 | 1.9 | 0.8 | 108.4 | 0.09 | 0.09 | <0.02 | 139 | 6.36 |
| REP 2571385 | QC | | 0.75 | 88.57 | 1.98 | 43.7 | 86 | 22.2 | 18.3 | 665 | 3.19 | 1.3 | 0.6 | 1.9 | 0.8 | 101.9 | 0.11 | 0.08 | <0.02 | 128 | 6.31 |
| 2571401 | Drill Core | 3.26 | 1.33 | 119.65 | 3.94 | 64.8 | 147 | 64.9 | 30.7 | 431 | 4.31 | 1.6 | 0.4 | <0.2 | 1.1 | 77.9 | 0.14 | 0.18 | 0.02 | 155 | 2.65 |
| REP 2571401 | QC | | 1.32 | 118.49 | 3.88 | 58.0 | 151 | 62.7 | 28.7 | 452 | 4.31 | 1.8 | 0.4 | <0.2 | 1.1 | 73.5 | 0.13 | 0.18 | 0.02 | 156 | 2.67 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571246 | Drill Core | 4.27 | 5.62 | 54.90 | 15.18 | 100.8 | 481 | 17.0 | 12.3 | 745 | 3.55 | 38.0 | 0.4 | 1.3 | 1.8 | 124.9 | 0.59 | 1.71 | 0.29 | 64 | 3.71 |
| DUP 2571246 | QC | | 5.37 | 50.74 | 14.35 | 88.8 | 452 | 16.0 | 12.7 | 755 | 3.52 | 38.6 | 0.4 | 1.1 | 1.8 | 117.2 | 0.55 | 1.65 | 0.26 | 64 | 3.68 |
| 2571280 | Drill Core | 2.75 | 1.61 | 52.60 | 11.83 | 67.0 | 463 | 8.8 | 16.5 | 713 | 4.73 | 8.5 | 0.2 | 8.4 | 0.8 | 250.9 | 0.19 | 2.45 | 0.03 | 103 | 4.70 |
| DUP 2571280 | QC | | 1.58 | 51.70 | 12.00 | 66.0 | 455 | 8.9 | 17.2 | 696 | 4.60 | 8.1 | 0.2 | 8.0 | 0.8 | 251.9 | 0.15 | 2.52 | 0.03 | 104 | 4.83 |
| 2571314 | Drill Core | 4.53 | 0.39 | 165.61 | 2.23 | 40.8 | 92 | 56.1 | 21.7 | 609 | 3.14 | 0.6 | 0.5 | 1.4 | 1.3 | 251.4 | 0.05 | 0.09 | <0.02 | 106 | 3.78 |
| DUP 2571314 | QC | | 0.33 | 157.86 | 2.08 | 41.2 | 88 | 53.5 | 20.5 | 574 | 2.91 | 0.4 | 0.4 | 0.4 | 1.3 | 236.2 | 0.07 | 0.08 | <0.02 | 101 | 3.80 |
| 2571348 | Drill Core | 4.69 | 1.72 | 164.53 | 3.54 | 55.3 | 160 | 48.8 | 32.6 | 645 | 3.99 | 3.9 | 1.5 | 7.2 | 0.9 | 78.5 | 0.13 | 0.31 | <0.02 | 152 | 4.58 |
| DUP 2571348 | QC | | 1.72 | 165.29 | 3.74 | 59.3 | 158 | 53.2 | 32.3 | 656 | 4.00 | 4.1 | 1.6 | 14.4 | 1.0 | 89.6 | 0.15 | 0.31 | <0.02 | 154 | 4.57 |
| 2571382 | Drill Core | 4.71 | 1.91 | 79.60 | 3.30 | 50.5 | 96 | 25.6 | 20.0 | 605 | 3.50 | 5.6 | 0.6 | 2.3 | 0.9 | 86.4 | 0.12 | 0.15 | <0.02 | 138 | 4.20 |
| DUP 2571382 | QC | | 1.86 | 81.03 | 3.17 | 52.9 | 87 | 26.8 | 21.1 | 609 | 3.57 | 5.1 | 0.7 | 1.5 | 0.9 | 87.4 | 0.10 | 0.12 | <0.02 | 141 | 4.34 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 13.93 | 143.02 | 139.66 | 329.2 | 1696 | 68.6 | 12.1 | 816 | 2.66 | 43.3 | 2.5 | 66.4 | 7.0 | 60.8 | 2.39 | 9.17 | 12.33 | 41 | 1.02 |
| STD DS10 | Standard | | 16.38 | 163.82 | 164.42 | 373.2 | 1908 | 76.2 | 13.9 | 921 | 2.85 | 47.1 | 3.2 | 84.2 | 8.5 | 72.3 | 2.76 | 10.25 | 13.95 | 45 | 1.11 |
| STD DS10 | Standard | | 14.09 | 165.75 | 155.04 | 362.4 | 1843 | 71.4 | 13.0 | 827 | 2.77 | 44.1 | 2.8 | 83.9 | 8.2 | 67.2 | 2.57 | 9.53 | 12.19 | 43 | 1.06 |
| STD DS10 | Standard | | 14.30 | 144.84 | 147.40 | 352.0 | 1746 | 73.6 | 11.9 | 856 | 2.70 | 43.8 | 2.5 | 83.0 | 7.3 | 68.1 | 2.58 | 9.72 | 11.97 | 43 | 1.05 |
| STD DS10 | Standard | | 14.70 | 146.93 | 147.13 | 359.1 | 1748 | 72.5 | 13.1 | 886 | 2.77 | 42.9 | 2.6 | 78.0 | 7.5 | 67.6 | 2.32 | 9.33 | 12.01 | 44 | 1.05 |
| STD DS10 | Standard | | 16.23 | 159.32 | 153.70 | 370.5 | 1842 | 77.5 | 14.5 | 786 | 2.77 | 44.8 | 2.8 | 85.1 | 7.7 | 67.6 | 2.87 | 9.40 | 12.75 | 44 | 1.08 |

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Project: TRX16-01
Report Date: October 04, 2016



# QUALITY CONTROL REPORT VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| REP 2571246 | QC | 0.121 | 7.6 | 15.7 | 0.67 | 34.2 | 0.137 | 3 | 1.76 | 0.136 | 0.18 | 0.6 | 3.9 | 0.13 | 1.56 | 18 | 0.5 | 0.07 | 6.8 | 0.52 | <0.1 |
| REP 2571280 | QC | 0.114 | 6.3 | 13.4 | 1.22 | 33.7 | 0.090 | <1 | 1.66 | 0.070 | 0.25 | 0.5 | 6.2 | 0.23 | 3.31 | 12 | 0.1 | 0.05 | 5.5 | 0.71 | <0.1 |
| 2571315 | Drill Core | 0.200 | 4.2 | 134.6 | 1.51 | 82.6 | 0.169 | 1 | 1.87 | 0.077 | 1.39 | 0.2 | 3.1 | 0.07 | 0.09 | <5 | <0.1 | 0.02 | 5.4 | 7.31 | 0.1 |
| REP 2571315 | QC | 0.190 | 4.3 | 136.7 | 1.50 | 84.0 | 0.164 | 1 | 1.88 | 0.075 | 1.38 | 0.2 | 3.2 | 0.07 | 0.08 | <5 | <0.1 | <0.02 | 6.2 | 7.35 | 0.1 |
| 2571350 | Rock Pulp | 0.052 | 24.0 | 66.4 | 0.65 | 69.5 | 0.045 | 3 | 1.28 | 0.032 | 0.55 | 3.5 | 4.7 | 0.41 | 1.96 | 90 | 3.2 | 0.33 | 3.8 | 2.43 | <0.1 |
| REP 2571350 | QC | 0.053 | 22.9 | 67.9 | 0.65 | 65.1 | 0.045 | 2 | 1.29 | 0.033 | 0.55 | 3.5 | 4.7 | 0.41 | 1.96 | 83 | 3.1 | 0.35 | 3.9 | 2.30 | <0.1 |
| 2571385 | Core DUP | 0.140 | 4.3 | 51.3 | 1.17 | 207.5 | 0.225 | 3 | 2.18 | 0.182 | 0.93 | 0.2 | 7.9 | 0.09 | 0.09 | 12 | <0.1 | <0.02 | 6.9 | 0.92 | <0.1 |
| REP 2571385 | QC | 0.137 | 4.2 | 51.3 | 1.14 | 206.5 | 0.212 | 1 | 2.10 | 0.167 | 0.91 | 0.1 | 6.7 | 0.09 | 0.09 | 8 | <0.1 | 0.04 | 6.4 | 0.93 | <0.1 |
| 2571401 | Drill Core | 0.173 | 5.2 | 158.5 | 1.82 | 293.9 | 0.282 | <1 | 2.40 | 0.131 | 1.07 | 0.2 | 5.9 | 0.26 | 0.23 | <5 | <0.1 | 0.07 | 8.1 | 3.04 | <0.1 |
| REP 2571401 | QC | 0.169 | 5.3 | 154.0 | 1.81 | 277.7 | 0.283 | <1 | 2.40 | 0.128 | 1.07 | 0.2 | 6.1 | 0.28 | 0.23 | <5 | 0.2 | 0.06 | 7.7 | 2.92 | 0.1 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2571246 | Drill Core | 0.129 | 8.1 | 15.9 | 0.67 | 35.1 | 0.144 | <1 | 1.78 | 0.138 | 0.18 | 0.6 | 3.9 | 0.14 | 1.60 | 17 | 0.4 | 0.10 | 6.7 | 0.54 | <0.1 |
| DUP 2571246 | QC | 0.118 | 7.6 | 15.7 | 0.67 | 38.2 | 0.138 | 2 | 1.83 | 0.150 | 0.20 | 0.6 | 4.0 | 0.13 | 1.56 | 14 | 0.5 | 0.07 | 6.8 | 0.50 | <0.1 |
| 2571280 | Drill Core | 0.121 | 6.0 | 13.5 | 1.20 | 33.0 | 0.089 | <1 | 1.66 | 0.071 | 0.25 | 0.5 | 5.9 | 0.24 | 3.29 | 12 | 0.2 | 0.06 | 5.7 | 0.69 | <0.1 |
| DUP 2571280 | QC | 0.114 | 6.1 | 13.6 | 1.22 | 33.7 | 0.098 | <1 | 1.70 | 0.071 | 0.26 | 0.5 | 6.5 | 0.22 | 3.42 | 14 | 0.1 | 0.05 | 5.9 | 0.69 | <0.1 |
| 2571314 | Drill Core | 0.208 | 6.3 | 142.0 | 1.67 | 69.5 | 0.168 | 2 | 1.89 | 0.063 | 1.37 | 0.2 | 3.6 | 0.07 | 0.08 | <5 | <0.1 | <0.02 | 6.1 | 5.94 | <0.1 |
| DUP 2571314 | QC | 0.194 | 5.8 | 134.7 | 1.60 | 63.0 | 0.159 | 1 | 1.84 | 0.059 | 1.35 | 0.2 | 3.4 | 0.06 | 0.08 | <5 | <0.1 | <0.02 | 6.0 | 5.69 | <0.1 |
| 2571348 | Drill Core | 0.127 | 4.3 | 82.4 | 1.54 | 179.6 | 0.218 | <1 | 2.14 | 0.107 | 0.78 | 0.2 | 8.6 | 0.14 | 0.22 | 8 | 0.5 | 0.04 | 7.7 | 2.20 | 0.1 |
| DUP 2571348 | QC | 0.131 | 4.4 | 80.6 | 1.55 | 182.9 | 0.233 | 2 | 2.16 | 0.116 | 0.80 | 0.1 | 9.6 | 0.15 | 0.22 | 12 | 0.4 | 0.03 | 8.4 | 2.23 | 0.1 |
| 2571382 | Drill Core | 0.139 | 4.7 | 69.5 | 1.29 | 135.0 | 0.204 | 1 | 2.09 | 0.161 | 0.45 | 0.2 | 9.8 | 0.07 | 0.06 | <5 | <0.1 | <0.02 | 7.1 | 0.81 | 0.1 |
| DUP 2571382 | QC | 0.145 | 5.0 | 72.5 | 1.31 | 138.1 | 0.208 | 2 | 2.12 | 0.163 | 0.46 | 0.2 | 9.4 | 0.08 | 0.06 | <5 | <0.1 | <0.02 | 7.5 | 0.84 | 0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.069 | 16.7 | 48.7 | 0.74 | 327.9 | 0.074 | 7 | 1.00 | 0.066 | 0.31 | 2.9 | 2.7 | 4.87 | 0.27 | 269 | 2.0 | 4.51 | 3.9 | 2.65 | 0.1 |
| STD DS10 | Standard | 0.072 | 20.2 | 60.6 | 0.80 | 389.3 | 0.093 | 9 | 1.11 | 0.071 | 0.34 | 3.6 | 3.3 | 5.43 | 0.29 | 298 | 2.5 | 5.10 | 4.6 | 2.90 | <0.1 |
| STD DS10 | Standard | 0.067 | 17.4 | 54.9 | 0.78 | 348.7 | 0.082 | 6 | 1.04 | 0.070 | 0.33 | 3.2 | 2.9 | 4.86 | 0.27 | 260 | 2.3 | 4.68 | 4.3 | 2.60 | <0.1 |
| STD DS10 | Standard | 0.070 | 17.3 | 52.2 | 0.76 | 347.8 | 0.076 | 7 | 1.03 | 0.066 | 0.32 | 3.3 | 3.0 | 5.08 | 0.28 | 283 | 2.2 | 5.03 | 4.2 | 2.63 | 0.1 |
| STD DS10 | Standard | 0.080 | 17.1 | 54.1 | 0.77 | 339.3 | 0.079 | 6 | 1.10 | 0.073 | 0.34 | 3.2 | 3.0 | 5.20 | 0.27 | 227 | 2.3 | 4.99 | 4.5 | 2.62 | <0.1 |
| STD DS10 | Standard | 0.076 | 18.4 | 59.4 | 0.77 | 360.0 | 0.084 | 6 | 1.05 | 0.073 | 0.34 | 3.7 | 3.1 | 5.25 | 0.28 | 334 | 2.3 | 4.78 | 4.0 | 2.71 | <0.1 |

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# QUALITY CONTROL REPORT VAN16001703.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| REP 2571246 | QC | 0.16 | 0.28 | 11.6 | 0.4 | <0.05 | 4.0 | 8.15 | 14.2 | 0.03 | 5 | 0.5 | 15.4 | <10 | <2 |
| REP 2571280 | QC | 0.08 | 0.14 | 12.1 | 0.4 | <0.05 | 1.8 | 8.49 | 12.0 | <0.02 | 2 | 0.5 | 19.9 | <10 | <2 |
| 2571315 | Drill Core | 0.07 | 0.04 | 43.6 | 0.3 | <0.05 | 2.8 | 3.69 | 8.2 | <0.02 | <1 | 0.5 | 26.0 | <10 | 4 |
| REP 2571315 | QC | 0.06 | 0.04 | 44.2 | 0.2 | <0.05 | 1.8 | 3.67 | 8.2 | <0.02 | <1 | 0.3 | 24.0 | <10 | 4 |
| 2571350 | Rock Pulp | 0.13 | 0.08 | 38.0 | 1.5 | <0.05 | 3.7 | 9.64 | 40.2 | 0.08 | 44 | 0.3 | 6.4 | <10 | <2 |
| REP 2571350 | QC | 0.11 | 0.08 | 37.6 | 1.4 | <0.05 | 3.7 | 9.65 | 39.3 | 0.07 | 47 | 0.5 | 6.4 | <10 | <2 |
| 2571385 | Core DUP | 0.15 | 0.14 | 28.8 | 0.3 | <0.05 | 4.0 | 8.05 | 9.1 | <0.02 | 2 | 0.4 | 15.2 | 13 | 5 |
| REP 2571385 | QC | 0.19 | 0.10 | 27.8 | 0.2 | <0.05 | 3.5 | 7.61 | 8.7 | <0.02 | <1 | 0.3 | 14.6 | <10 | <2 |
| 2571401 | Drill Core | 0.08 | 0.14 | 42.6 | 0.3 | <0.05 | 2.3 | 6.74 | 10.1 | <0.02 | 2 | 0.3 | 28.8 | <10 | 3 |
| REP 2571401 | QC | 0.08 | 0.12 | 40.1 | 0.3 | <0.05 | 1.8 | 6.24 | 9.9 | <0.02 | 2 | 0.4 | 30.6 | <10 | 4 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2571246 | Drill Core | 0.12 | 0.32 | 11.8 | 0.4 | <0.05 | 4.2 | 8.47 | 14.5 | 0.02 | 6 | 0.5 | 16.9 | <10 | <2 |
| DUP 2571246 | QC | 0.13 | 0.27 | 11.6 | 0.4 | <0.05 | 4.0 | 7.87 | 14.1 | 0.03 | 5 | 0.4 | 15.7 | <10 | <2 |
| 2571280 | Drill Core | 0.06 | 0.12 | 12.4 | 0.4 | <0.05 | 1.8 | 8.49 | 11.4 | <0.02 | 1 | 0.5 | 20.5 | <10 | <2 |
| DUP 2571280 | QC | 0.06 | 0.13 | 12.2 | 0.4 | <0.05 | 1.8 | 8.49 | 12.1 | 0.03 | 1 | 0.7 | 20.2 | <10 | <2 |
| 2571314 | Drill Core | 0.10 | 0.05 | 40.5 | 0.2 | <0.05 | 2.4 | 4.38 | 11.6 | <0.02 | <1 | 0.4 | 30.4 | <10 | 4 |
| DUP 2571314 | QC | 0.07 | 0.03 | 38.3 | 0.3 | <0.05 | 2.1 | 4.30 | 11.0 | <0.02 | <1 | 0.2 | 28.5 | <10 | 4 |
| 2571348 | Drill Core | 0.18 | 0.13 | 26.3 | 1.0 | <0.05 | 2.4 | 6.79 | 8.0 | <0.02 | 13 | 0.3 | 22.3 | 19 | 4 |
| DUP 2571348 | QC | 0.11 | 0.14 | 28.5 | 1.2 | <0.05 | 2.6 | 7.34 | 8.4 | <0.02 | 16 | 0.2 | 22.3 | 16 | 4 |
| 2571382 | Drill Core | 0.15 | 0.18 | 13.8 | 0.3 | <0.05 | 3.5 | 7.55 | 9.6 | <0.02 | 4 | 0.1 | 16.3 | 25 | 2 |
| DUP 2571382 | QC | 0.18 | 0.15 | 14.0 | 0.3 | <0.05 | 3.9 | 7.83 | 9.9 | 0.03 | 2 | 0.3 | 16.7 | <10 | 6 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.04 | 1.43 | 26.0 | 1.5 | <0.05 | 2.0 | 6.98 | 32.7 | 0.22 | 44 | 0.8 | 17.4 | 93 | 171 |
| STD DS10 | Standard | 0.06 | 1.74 | 31.0 | 1.8 | <0.05 | 2.8 | 8.80 | 38.1 | 0.24 | 54 | 0.6 | 22.0 | 105 | 196 |
| STD DS10 | Standard | 0.07 | 1.53 | 27.9 | 1.5 | <0.05 | 2.6 | 7.36 | 32.8 | 0.24 | 43 | 0.7 | 18.3 | 97 | 182 |
| STD DS10 | Standard | 0.05 | 1.52 | 27.9 | 1.6 | <0.05 | 2.4 | 7.73 | 35.9 | 0.18 | 48 | 0.7 | 20.8 | 102 | 175 |
| STD DS10 | Standard | 0.06 | 1.66 | 28.0 | 1.6 | <0.05 | 2.7 | 7.63 | 36.8 | 0.23 | 44 | 0.6 | 19.9 | 102 | 197 |
| STD DS10 | Standard | 0.06 | 1.72 | 28.3 | 1.6 | <0.05 | 3.0 | 8.18 | 35.4 | 0.26 | 44 | 0.8 | 20.8 | 93 | 189 |

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Project: TRX16-01

Report Date: October 04, 2016



# QUALITY CONTROL REPORT    VAN16001703.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| STD OXC129 | Standard | | 1.21 | 26.21 | 6.47 | 37.0 | 11 | 72.1 | 18.9 | 393 | 2.87 | 0.4 | 0.7 | 189.3 | 1.8 | 166.9 | 0.04 | 0.03 | <0.02 | 48 | 0.59 |
| STD OXC129 | Standard | | 1.29 | 29.38 | 6.90 | 41.7 | 19 | 78.0 | 22.1 | 418 | 2.96 | 0.7 | 0.8 | 198.5 | 2.0 | 184.2 | 0.04 | 0.04 | <0.02 | 53 | 0.73 |
| STD OXC129 | Standard | | 1.34 | 31.46 | 7.07 | 44.0 | 21 | 82.2 | 21.4 | 443 | 3.04 | 0.7 | 0.7 | 195.2 | 2.1 | 182.7 | 0.04 | 0.04 | <0.02 | 53 | 0.64 |
| STD OXC129 | Standard | | 1.22 | 25.15 | 6.24 | 39.3 | 12 | 77.5 | 18.9 | 421 | 2.95 | 0.5 | 0.7 | 187.8 | 1.7 | 184.5 | 0.02 | 0.03 | <0.02 | 51 | 0.64 |
| STD OXC129 | Standard | | 1.19 | 26.93 | 6.37 | 39.7 | 20 | 78.7 | 19.6 | 431 | 3.03 | 0.5 | 0.7 | 194.5 | 1.9 | 187.7 | 0.01 | 0.04 | <0.02 | 51 | 0.66 |
| STD OXC129 | Standard | | 1.29 | 27.69 | 6.25 | 39.8 | 15 | 80.7 | 22.1 | 383 | 2.98 | 0.7 | 0.7 | 182.1 | 1.8 | 171.7 | 0.05 | 0.03 | <0.02 | 53 | 0.64 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.02 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | 0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.04 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | 0.6 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.37 | 5.73 | 3.48 | 30.9 | 22 | 1.4 | 4.0 | 466 | 1.83 | 1.5 | 0.4 | 1.2 | 2.3 | 22.2 | 0.05 | 0.06 | 0.05 | 24 | 0.64 |
| ROCK-VAN | Prep Blank | | 1.32 | 7.18 | 3.84 | 32.2 | 25 | 1.5 | 4.1 | 471 | 1.83 | 1.4 | 0.4 | 0.3 | 2.2 | 22.0 | 0.06 | 0.06 | 0.03 | 24 | 0.62 |

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Project: TRX16-01

Report Date: October 04, 2016



# QUALITY CONTROL REPORT VAN16001703.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| STD OXC129 | Standard | 0.094 | 11.8 | 45.7 | 1.51 | 49.3 | 0.349 | 2 | 1.40 | 0.552 | 0.35 | <0.1 | 0.6 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 4.9 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.090 | 13.2 | 54.7 | 1.50 | 52.1 | 0.410 | 4 | 1.59 | 0.596 | 0.36 | <0.1 | 1.1 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.17 | <0.1 |
| STD OXC129 | Standard | 0.103 | 13.5 | 54.1 | 1.56 | 52.8 | 0.406 | 1 | 1.58 | 0.595 | 0.38 | <0.1 | 0.9 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.7 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.091 | 12.1 | 48.2 | 1.44 | 46.5 | 0.377 | <1 | 1.48 | 0.569 | 0.35 | <0.1 | 0.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.4 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.097 | 12.5 | 49.5 | 1.52 | 48.9 | 0.381 | <1 | 1.55 | 0.585 | 0.36 | <0.1 | 1.2 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.091 | 11.7 | 52.5 | 1.53 | 50.3 | 0.400 | <1 | 1.55 | 0.581 | 0.36 | <0.1 | 0.8 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.2 | 0.14 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | 7 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | 6 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | 0.03 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.037 | 7.1 | 3.2 | 0.43 | 63.5 | 0.085 | 3 | 0.91 | 0.081 | 0.08 | 0.1 | 3.2 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | 3.8 | 0.21 | <0.1 |
| ROCK-VAN | Prep Blank | 0.043 | 6.3 | 3.4 | 0.44 | 59.5 | 0.082 | 5 | 0.87 | 0.072 | 0.08 | 0.1 | 3.2 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | 3.7 | 0.20 | <0.1 |

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Project: TRX16-01

Report Date: October 04, 2016



# QUALITY CONTROL REPORT VAN16001703.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| STD OXC129 | Standard | 0.24 | 1.52 | 14.4 | 0.7 | <0.05 | 16.5 | 4.22 | 20.8 | <0.02 | <1 | 0.8 | 2.3 | <10 | <2 |
| STD OXC129 | Standard | 0.23 | 1.41 | 15.7 | 0.7 | <0.05 | 21.9 | 4.88 | 23.5 | <0.02 | <1 | 0.9 | 2.3 | <10 | <2 |
| STD OXC129 | Standard | 0.26 | 1.41 | 16.5 | 0.7 | <0.05 | 22.7 | 4.80 | 23.1 | <0.02 | 1 | 1.0 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.26 | 1.53 | 14.9 | 0.6 | <0.05 | 19.3 | 4.38 | 22.7 | <0.02 | <1 | 0.6 | 2.3 | <10 | <2 |
| STD OXC129 | Standard | 0.25 | 1.39 | 15.4 | 0.7 | <0.05 | 20.3 | 4.72 | 23.6 | 0.02 | <1 | 0.8 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.27 | 1.44 | 14.9 | 0.8 | <0.05 | 20.0 | 4.64 | 21.8 | <0.02 | <1 | 0.8 | 2.3 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.16 | 0.20 | 2.3 | 0.4 | <0.05 | 4.1 | 8.40 | 13.5 | 0.03 | <1 | 0.1 | 1.7 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.14 | 0.18 | 2.1 | 0.4 | <0.05 | 4.4 | 8.36 | 12.4 | <0.02 | <1 | 0.3 | 2.0 | <10 | <2 |

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| | |
|---|---|
| Submitted By: | Thomas Branson |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 23, 2016 |
| Report Date: | November 01, 2016 |
| Page: | 1 of 10 |

# CERTIFICATE OF ANALYSIS VAN16001756.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | TRX16-01 |
| Shipment ID: | TRX16-01_4 |
| P.O. Number | TRX16-01_4 |
| Number of Samples: | 248 |

## SAMPLE DISPOSAL

| | |
|---|---|
| RTRN-PLP | Return After 90 days |
| DISP-RJT | Dispose of Reject After 90 days |

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| PRP70-250 | 238 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| SPTRF | 5 | Split samples by riffle splitter | | | VAN |
| PUL85 | 5 | Pulverize to 85% passing 200 mesh | | | VAN |
| AQ251_EXT | 248 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15 | Completed | VAN |
| DRPLP | 248 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 238 | Warehouse handling / Disposition of reject | | | VAN |

## ADDITIONAL COMMENTS

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Michael Pond

JEFFREY CANNON
Geochemistry Department Supervisor

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587001 | Drill Core | 3.21 | 0.75 | 10.31 | 3.01 | 62.6 | 25 | 4.0 | 9.3 | 731 | 2.74 | 3.1 | 0.2 | <0.2 | 0.8 | 79.1 | 0.10 | 0.24 | <0.02 | 71 | 2.63 |
| 2587002 | Drill Core | 3.07 | 0.68 | 15.23 | 1.92 | 51.2 | 38 | 5.3 | 9.9 | 843 | 3.15 | 13.5 | 0.3 | <0.2 | 1.0 | 86.6 | 0.05 | 0.44 | <0.02 | 94 | 2.45 |
| 2587003 | Drill Core | 2.92 | 0.89 | 13.69 | 2.37 | 49.8 | 64 | 4.8 | 10.2 | 844 | 3.35 | 90.5 | 0.3 | 10.0 | 1.3 | 94.7 | 0.05 | 1.34 | <0.02 | 90 | 2.93 |
| 2587004 | Drill Core | 1.78 | 0.93 | 22.58 | 2.07 | 36.6 | 69 | 4.6 | 9.5 | 833 | 3.11 | 49.5 | 0.2 | 3.5 | 0.9 | 110.1 | 0.05 | 0.81 | <0.02 | 86 | 3.18 |
| 2587005 | Drill Core | 1.87 | 1.04 | 27.53 | 2.18 | 40.6 | 47 | 4.2 | 10.7 | 806 | 3.05 | 31.1 | 0.2 | 0.7 | 0.9 | 84.7 | 0.04 | 1.12 | <0.02 | 90 | 2.90 |
| 2587006 | Drill Core | 2.25 | 0.80 | 31.24 | 1.41 | 38.6 | 40 | 4.2 | 9.7 | 791 | 3.00 | 1.2 | 0.2 | <0.2 | 0.7 | 65.3 | 0.05 | 0.08 | <0.02 | 106 | 2.48 |
| 2587007 | Drill Core | 1.89 | 1.10 | 23.32 | 1.94 | 41.6 | 53 | 5.1 | 10.7 | 831 | 3.21 | 23.8 | 0.2 | 0.7 | 0.7 | 81.1 | 0.08 | 0.39 | <0.02 | 106 | 3.24 |
| 2587008 | Drill Core | 4.35 | 16.91 | 65.08 | 17.72 | 121.8 | 574 | 47.4 | 13.9 | 632 | 3.96 | 29.9 | 0.8 | <0.2 | 1.7 | 129.2 | 0.98 | 3.78 | 0.16 | 68 | 5.86 |
| 2587009 | Drill Core | 1.93 | 1.84 | 63.34 | 5.71 | 93.2 | 151 | 13.1 | 22.7 | 655 | 4.63 | 32.1 | 0.2 | <0.2 | 0.8 | 88.1 | 0.19 | 0.58 | 0.03 | 139 | 2.52 |
| 2587010 | Drill Core | 3.49 | 4.15 | 64.93 | 6.68 | 84.4 | 164 | 20.3 | 22.7 | 1190 | 4.86 | 3.5 | 0.3 | <0.2 | 0.9 | 161.1 | 0.17 | 0.49 | 0.04 | 146 | 5.98 |
| 2587011 | Drill Core | 4.15 | 21.69 | 54.63 | 11.03 | 80.5 | 286 | 54.1 | 12.3 | 485 | 3.38 | 1.9 | 0.6 | 0.4 | 1.0 | 169.8 | 0.49 | 1.01 | 0.07 | 36 | 8.24 |
| 2587012 | Drill Core | 4.30 | 31.37 | 53.25 | 10.56 | 70.8 | 279 | 69.0 | 11.0 | 468 | 3.40 | 0.9 | 0.8 | 0.5 | 0.9 | 179.0 | 0.48 | 1.44 | 0.08 | 28 | 10.78 |
| 2587013 | Drill Core | 3.62 | 22.89 | 52.06 | 15.75 | 79.8 | 245 | 56.5 | 11.6 | 493 | 3.13 | 1.7 | 0.7 | <0.2 | 0.9 | 171.4 | 0.45 | 1.27 | 0.08 | 32 | 10.66 |
| 2587014 | Drill Core | 2.10 | 4.51 | 59.21 | 10.68 | 144.6 | 249 | 29.1 | 14.5 | 509 | 4.03 | 0.7 | 0.3 | 0.2 | 1.2 | 148.0 | 1.16 | 1.39 | 0.07 | 93 | 4.28 |
| 2587015 | Drill Core | 2.72 | 3.02 | 56.73 | 7.79 | 126.6 | 184 | 24.9 | 20.7 | 796 | 5.65 | 2.1 | 0.2 | <0.2 | 0.9 | 232.0 | 0.85 | 1.82 | 0.05 | 165 | 4.11 |
| 2587016 | Drill Core | 1.54 | 3.62 | 44.84 | 5.27 | 81.1 | 174 | 16.5 | 22.8 | 928 | 5.59 | 3.5 | 0.2 | 0.3 | 0.6 | 269.2 | 0.30 | 0.83 | 0.02 | 143 | 6.86 |
| 2587017 | Drill Core | 3.13 | 4.90 | 60.54 | 5.54 | 126.9 | 233 | 21.4 | 20.6 | 729 | 5.46 | 1.4 | 0.2 | <0.2 | 0.8 | 112.3 | 0.72 | 0.40 | 0.05 | 178 | 2.52 |
| 2587018 | Drill Core | 3.14 | 4.74 | 58.59 | 4.07 | 88.0 | 130 | 15.9 | 21.2 | 1020 | 5.57 | 4.5 | 0.2 | 0.6 | 1.0 | 336.9 | 0.34 | 0.16 | 0.06 | 181 | 4.83 |
| 2587019 | Drill Core | 2.34 | 12.76 | 64.39 | 10.92 | 158.0 | 375 | 54.8 | 14.4 | 485 | 4.09 | 5.6 | 0.6 | 0.3 | 1.7 | 188.0 | 1.48 | 1.29 | 0.11 | 117 | 4.60 |
| 2587020 | Rock | 1.31 | 0.07 | 0.28 | 0.14 | 0.8 | <2 | 0.8 | 0.7 | 20 | 0.02 | 0.9 | 1.6 | 0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 37.96 |
| 2587021 | Drill Core | 4.07 | 13.34 | 69.44 | 10.48 | 112.4 | 336 | 40.9 | 14.6 | 424 | 3.91 | 1.3 | 0.7 | 0.2 | 1.9 | 201.6 | 1.05 | 1.08 | 0.12 | 46 | 5.95 |
| 2587022 | Drill Core | 4.05 | 6.40 | 63.89 | 11.17 | 124.5 | 323 | 30.1 | 14.1 | 399 | 3.82 | 2.3 | 0.5 | 0.4 | 1.6 | 132.0 | 1.23 | 1.38 | 0.10 | 79 | 5.17 |
| 2587023 | Drill Core | 4.11 | 14.84 | 61.86 | 7.63 | 97.2 | 180 | 39.2 | 12.1 | 463 | 3.20 | 1.6 | 0.7 | <0.2 | 2.0 | 194.8 | 0.83 | 0.70 | 0.12 | 77 | 6.89 |
| 2587024 | Drill Core | 1.98 | 18.93 | 64.78 | 6.51 | 99.1 | 144 | 44.7 | 10.6 | 424 | 3.03 | 4.3 | 1.1 | <0.2 | 2.2 | 198.9 | 0.91 | 0.35 | 0.14 | 69 | 7.55 |
| 2587025 | Core DUP | | 19.47 | 65.64 | 6.73 | 101.3 | 156 | 46.1 | 11.0 | 427 | 3.14 | 5.5 | 1.1 | <0.2 | 2.2 | 209.6 | 0.88 | 0.34 | 0.14 | 72 | 7.68 |
| 2587026 | Drill Core | 3.07 | 26.88 | 72.07 | 5.11 | 114.0 | 133 | 63.7 | 11.6 | 397 | 3.19 | <0.1 | 1.2 | <0.2 | 2.1 | 228.1 | 1.29 | 0.19 | 0.13 | 96 | 6.67 |
| 2587027 | Drill Core | 1.91 | 13.56 | 70.91 | 5.43 | 297.2 | 161 | 56.7 | 12.9 | 451 | 3.76 | 0.4 | 0.7 | 1.1 | 2.0 | 148.4 | 3.33 | 0.25 | 0.15 | 218 | 4.13 |
| 2587028 | Drill Core | 0.81 | 24.93 | 66.54 | 5.64 | 74.9 | 256 | 22.1 | 18.6 | 654 | 4.48 | 2.4 | 0.3 | <0.2 | 1.0 | 107.9 | 0.26 | 0.69 | 0.04 | 144 | 4.27 |
| 2587029 | Drill Core | 3.80 | 15.42 | 70.12 | 10.45 | 113.0 | 335 | 24.9 | 15.4 | 566 | 4.98 | 1.9 | 0.3 | <0.2 | 1.5 | 89.9 | 0.54 | 1.03 | 0.13 | 149 | 3.27 |
| 2587030 | Rock Pulp | 0.10 | 228.49 | 2600.23 | 45.86 | 295.7 | 3024 | 9.2 | 18.9 | 223 | 3.41 | 25.4 | 5.7 | 224.2 | 11.8 | 50.8 | 2.63 | 6.87 | 4.24 | 42 | 0.94 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587001 | Drill Core | 0.119 | 4.8 | 4.7 | 0.94 | 17.0 | 0.124 | 5 | 1.86 | 0.095 | 0.07 | 0.2 | 3.3 | <0.02 | 0.04 | 9 | <0.1 | <0.02 | 7.0 | 0.17 | 0.2 |
| 2587002 | Drill Core | 0.117 | 6.4 | 9.9 | 1.06 | 35.6 | 0.100 | 3 | 1.79 | 0.065 | 0.10 | 0.1 | 4.6 | 0.03 | 0.09 | <5 | <0.1 | <0.02 | 7.6 | 0.46 | <0.1 |
| 2587003 | Drill Core | 0.120 | 8.2 | 4.5 | 1.09 | 35.5 | 0.017 | 3 | 1.59 | 0.051 | 0.14 | <0.1 | 4.7 | 0.06 | 0.32 | <5 | <0.1 | <0.02 | 7.5 | 0.66 | <0.1 |
| 2587004 | Drill Core | 0.117 | 6.2 | 8.3 | 0.95 | 37.2 | 0.095 | 5 | 1.54 | 0.091 | 0.14 | 0.2 | 4.1 | 0.05 | 0.31 | <5 | <0.1 | <0.02 | 7.3 | 0.48 | <0.1 |
| 2587005 | Drill Core | 0.111 | 5.8 | 4.0 | 0.89 | 33.4 | 0.111 | 2 | 1.47 | 0.085 | 0.13 | 0.1 | 3.7 | 0.06 | 0.45 | <5 | <0.1 | <0.02 | 6.6 | 0.39 | <0.1 |
| 2587006 | Drill Core | 0.117 | 4.8 | 8.8 | 0.93 | 31.6 | 0.132 | 4 | 1.71 | 0.122 | 0.11 | 0.3 | 4.8 | 0.03 | 0.38 | <5 | <0.1 | <0.02 | 8.2 | 0.16 | <0.1 |
| 2587007 | Drill Core | 0.117 | 5.6 | 4.8 | 0.99 | 32.2 | 0.099 | 3 | 1.54 | 0.069 | 0.14 | 0.2 | 4.4 | 0.08 | 0.71 | <5 | 0.1 | <0.02 | 7.7 | 0.48 | <0.1 |
| 2587008 | Drill Core | 0.125 | 7.2 | 33.7 | 0.61 | 33.8 | 0.093 | 2 | 1.16 | 0.078 | 0.17 | 0.8 | 4.3 | 0.19 | 2.72 | 12 | 1.4 | 0.11 | 4.5 | 0.61 | 0.1 |
| 2587009 | Drill Core | 0.135 | 5.2 | 21.2 | 1.53 | 71.2 | 0.170 | 1 | 1.81 | 0.099 | 0.32 | 0.2 | 8.4 | 0.21 | 2.64 | 9 | <0.1 | 0.06 | 7.7 | 0.60 | <0.1 |
| 2587010 | Drill Core | 0.152 | 6.1 | 27.4 | 1.56 | 81.2 | 0.199 | 2 | 2.17 | 0.144 | 0.38 | 0.4 | 9.2 | 0.26 | 2.55 | 7 | 0.2 | 0.07 | 8.0 | 0.78 | 0.1 |
| 2587011 | Drill Core | 0.147 | 6.1 | 13.4 | 0.28 | 25.1 | 0.103 | 3 | 1.37 | 0.129 | 0.09 | 1.0 | 4.2 | 0.11 | 1.95 | 7 | 0.8 | 0.06 | 3.7 | 0.20 | <0.1 |
| 2587012 | Drill Core | 0.172 | 6.0 | 14.7 | 0.26 | 19.9 | 0.111 | 3 | 1.16 | 0.099 | 0.08 | 1.0 | 4.3 | 0.08 | 2.08 | <5 | 1.3 | 0.06 | 3.5 | 0.16 | <0.1 |
| 2587013 | Drill Core | 0.150 | 6.0 | 13.1 | 0.32 | 19.5 | 0.098 | 2 | 1.18 | 0.110 | 0.10 | 0.7 | 4.4 | 0.11 | 1.84 | <5 | 1.4 | 0.07 | 3.2 | 0.23 | <0.1 |
| 2587014 | Drill Core | 0.115 | 6.5 | 43.5 | 0.85 | 31.1 | 0.139 | 2 | 1.65 | 0.177 | 0.20 | 0.2 | 5.3 | 0.24 | 2.34 | 16 | 2.0 | 0.05 | 5.4 | 0.42 | <0.1 |
| 2587015 | Drill Core | 0.123 | 6.3 | 52.3 | 1.75 | 36.0 | 0.194 | 2 | 2.23 | 0.135 | 0.23 | 0.2 | 9.8 | 0.19 | 3.83 | 17 | 2.3 | 0.02 | 8.0 | 0.57 | 0.2 |
| 2587016 | Drill Core | 0.123 | 6.2 | 40.2 | 1.59 | 35.9 | 0.187 | 2 | 1.96 | 0.091 | 0.21 | 0.4 | 9.3 | 0.16 | 3.71 | 8 | 0.4 | <0.02 | 7.7 | 0.34 | <0.1 |
| 2587017 | Drill Core | 0.137 | 5.4 | 44.0 | 2.01 | 105.0 | 0.203 | 3 | 2.32 | 0.146 | 0.91 | 0.2 | 12.3 | 0.62 | 3.10 | 13 | 0.8 | 0.03 | 8.6 | 1.30 | 0.2 |
| 2587018 | Drill Core | 0.173 | 6.0 | 34.4 | 2.09 | 138.4 | 0.244 | 2 | 3.09 | 0.171 | 1.14 | 0.2 | 14.5 | 0.92 | 2.08 | <5 | <0.1 | 0.02 | 10.9 | 3.37 | <0.1 |
| 2587019 | Drill Core | 0.118 | 7.0 | 37.0 | 0.83 | 28.4 | 0.140 | 2 | 1.86 | 0.118 | 0.16 | 0.4 | 5.7 | 0.27 | 2.34 | 16 | 3.9 | 0.08 | 5.9 | 0.46 | <0.1 |
| 2587020 | Rock | 0.003 | <0.5 | 1.1 | 1.34 | 6.9 | <0.001 | <1 | 0.02 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.04 | <5 | <0.1 | 0.25 | <0.1 | <0.02 | <0.1 |
| 2587021 | Drill Core | 0.138 | 8.1 | 17.7 | 0.42 | 30.4 | 0.135 | 3 | 1.78 | 0.153 | 0.11 | 0.7 | 4.2 | 0.17 | 1.85 | <5 | 1.6 | 0.07 | 5.3 | 0.22 | <0.1 |
| 2587022 | Drill Core | 0.112 | 6.8 | 28.5 | 0.62 | 23.6 | 0.149 | 6 | 1.88 | 0.086 | 0.10 | 0.7 | 6.3 | 0.18 | 2.57 | 16 | 1.9 | 0.05 | 6.5 | 0.23 | 0.1 |
| 2587023 | Drill Core | 0.131 | 8.7 | 27.8 | 0.63 | 21.0 | 0.127 | 2 | 1.61 | 0.130 | 0.08 | 0.7 | 7.6 | 0.14 | 1.77 | <5 | 0.8 | 0.08 | 5.0 | 0.24 | <0.1 |
| 2587024 | Drill Core | 0.125 | 9.1 | 30.5 | 0.59 | 19.3 | 0.114 | 2 | 1.53 | 0.170 | 0.09 | 0.9 | 6.7 | 0.15 | 1.70 | 10 | 1.2 | 0.04 | 4.9 | 0.17 | <0.1 |
| 2587025 | Core DUP | 0.129 | 9.3 | 32.2 | 0.61 | 19.2 | 0.114 | <1 | 1.57 | 0.174 | 0.09 | 0.9 | 7.3 | 0.14 | 1.75 | 15 | 1.4 | 0.05 | 4.6 | 0.18 | <0.1 |
| 2587026 | Drill Core | 0.150 | 9.8 | 36.1 | 0.57 | 21.2 | 0.135 | <1 | 1.53 | 0.218 | 0.09 | 0.8 | 7.6 | 0.16 | 1.91 | <5 | 1.8 | 0.07 | 4.8 | 0.20 | <0.1 |
| 2587027 | Drill Core | 0.113 | 8.0 | 65.5 | 0.93 | 29.4 | 0.161 | <1 | 1.79 | 0.179 | 0.32 | 0.6 | 11.4 | 0.57 | 2.08 | 24 | 3.3 | 0.09 | 6.6 | 0.81 | <0.1 |
| 2587028 | Drill Core | 0.123 | 6.2 | 29.2 | 1.38 | 25.6 | 0.158 | <1 | 1.74 | 0.047 | 0.27 | 0.7 | 10.5 | 0.29 | 2.48 | 11 | 0.8 | 0.05 | 8.2 | 0.94 | <0.1 |
| 2587029 | Drill Core | 0.088 | 7.1 | 47.3 | 1.22 | 27.6 | 0.170 | <1 | 1.72 | 0.055 | 0.53 | 0.6 | 9.4 | 0.24 | 2.83 | 18 | 1.3 | 0.09 | 8.5 | 0.80 | 0.3 |
| 2587030 | Rock Pulp | 0.052 | 23.1 | 69.1 | 0.67 | 50.7 | 0.043 | 1 | 1.38 | 0.032 | 0.58 | 3.4 | 5.8 | 0.40 | 2.02 | 72 | 2.9 | 0.28 | 4.0 | 2.26 | <0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587001 | Drill Core | 0.16 | 0.11 | 2.5 | 0.3 | <0.05 | 4.3 | 5.58 | 9.3 | <0.02 | <1 | 0.2 | 17.7 | <10 | <2 |
| 2587002 | Drill Core | 0.16 | 0.06 | 4.3 | 0.3 | <0.05 | 4.3 | 7.45 | 12.3 | <0.02 | <1 | 0.2 | 18.0 | <10 | <2 |
| 2587003 | Drill Core | 0.07 | <0.02 | 6.1 | 0.2 | <0.05 | 2.9 | 9.10 | 15.2 | 0.02 | <1 | 0.4 | 19.7 | <10 | <2 |
| 2587004 | Drill Core | 0.22 | 0.07 | 5.4 | 0.3 | <0.05 | 5.7 | 8.58 | 11.9 | 0.03 | <1 | 0.2 | 14.2 | <10 | <2 |
| 2587005 | Drill Core | 0.19 | 0.07 | 5.2 | 0.3 | <0.05 | 5.8 | 7.79 | 10.9 | <0.02 | <1 | 0.4 | 15.5 | <10 | <2 |
| 2587006 | Drill Core | 0.22 | 0.11 | 3.3 | 0.4 | <0.05 | 6.5 | 6.85 | 9.6 | <0.02 | <1 | 0.4 | 15.5 | <10 | <2 |
| 2587007 | Drill Core | 0.19 | 0.08 | 5.6 | 0.5 | <0.05 | 5.7 | 7.66 | 10.7 | 0.02 | <1 | 0.1 | 15.3 | <10 | <2 |
| 2587008 | Drill Core | 0.18 | 0.16 | 9.0 | 0.4 | <0.05 | 6.3 | 10.27 | 12.7 | 0.04 | 12 | 0.4 | 10.7 | <10 | <2 |
| 2587009 | Drill Core | 0.09 | 0.15 | 11.3 | 0.4 | <0.05 | 2.4 | 8.62 | 11.3 | 0.05 | 2 | <0.1 | 17.0 | <10 | <2 |
| 2587010 | Drill Core | 0.11 | 0.14 | 13.8 | 0.4 | <0.05 | 2.8 | 9.97 | 13.0 | 0.04 | 2 | 0.1 | 18.1 | <10 | 2 |
| 2587011 | Drill Core | 0.18 | 0.20 | 5.6 | 0.3 | <0.05 | 4.9 | 8.92 | 10.8 | 0.02 | 12 | 0.2 | 3.9 | <10 | <2 |
| 2587012 | Drill Core | 0.22 | 0.18 | 4.2 | 0.3 | <0.05 | 6.9 | 10.57 | 10.3 | <0.02 | 17 | 0.6 | 3.9 | <10 | <2 |
| 2587013 | Drill Core | 0.17 | 0.24 | 5.6 | 6.9 | <0.05 | 5.4 | 8.95 | 10.7 | <0.02 | 13 | 0.4 | 4.0 | <10 | <2 |
| 2587014 | Drill Core | 0.13 | 0.19 | 10.9 | 2.1 | <0.05 | 2.8 | 8.61 | 11.8 | 0.02 | 4 | 0.2 | 12.5 | 13 | <2 |
| 2587015 | Drill Core | 0.11 | 0.20 | 9.5 | 0.5 | <0.05 | 2.6 | 9.30 | 12.2 | 0.04 | 2 | 0.2 | 25.9 | <10 | 3 |
| 2587016 | Drill Core | 0.09 | 0.17 | 8.8 | 0.4 | <0.05 | 4.5 | 9.61 | 11.9 | 0.03 | 1 | 0.1 | 20.2 | <10 | 3 |
| 2587017 | Drill Core | 0.07 | 0.13 | 30.2 | 0.4 | <0.05 | 2.0 | 8.90 | 11.1 | 0.04 | 2 | 0.4 | 19.3 | <10 | <2 |
| 2587018 | Drill Core | 0.09 | 0.12 | 41.8 | 0.6 | <0.05 | 2.5 | 10.28 | 12.8 | 0.05 | 1 | 0.2 | 27.6 | <10 | 3 |
| 2587019 | Drill Core | 0.17 | 0.15 | 9.8 | 0.4 | <0.05 | 6.0 | 10.12 | 12.5 | 0.03 | 12 | 0.6 | 15.2 | <10 | 2 |
| 2587020 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | 0.1 | 0.18 | 0.1 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2587021 | Drill Core | 0.19 | 0.18 | 6.1 | 0.3 | <0.05 | 6.6 | 9.88 | 14.6 | 0.03 | 10 | 0.5 | 8.7 | <10 | <2 |
| 2587022 | Drill Core | 0.23 | 0.17 | 5.1 | 0.6 | <0.05 | 6.9 | 9.24 | 12.3 | <0.02 | 5 | 0.3 | 9.8 | <10 | <2 |
| 2587023 | Drill Core | 0.25 | 0.18 | 4.6 | 0.5 | <0.05 | 7.1 | 10.15 | 15.1 | <0.02 | 10 | 0.9 | 12.6 | 12 | <2 |
| 2587024 | Drill Core | 0.23 | 0.22 | 4.9 | 0.4 | <0.05 | 8.2 | 10.13 | 14.8 | <0.02 | 13 | 0.4 | 12.5 | <10 | 2 |
| 2587025 | Core DUP | 0.29 | 0.17 | 4.9 | 0.5 | <0.05 | 8.3 | 10.29 | 15.1 | <0.02 | 13 | 0.8 | 13.8 | <10 | 3 |
| 2587026 | Drill Core | 0.27 | 0.27 | 4.4 | 0.5 | <0.05 | 8.0 | 11.59 | 16.3 | <0.02 | 20 | 0.1 | 12.9 | <10 | 3 |
| 2587027 | Drill Core | 0.15 | 0.20 | 22.5 | 0.6 | <0.05 | 5.6 | 10.74 | 13.6 | 0.07 | 14 | 0.5 | 16.5 | <10 | 2 |
| 2587028 | Drill Core | 0.12 | 0.12 | 13.4 | 0.8 | <0.05 | 2.7 | 9.28 | 12.8 | 0.03 | 8 | 0.3 | 22.9 | <10 | <2 |
| 2587029 | Drill Core | 0.12 | 0.13 | 19.0 | 0.7 | <0.05 | 2.9 | 10.36 | 13.3 | 0.05 | 6 | 0.5 | 17.7 | <10 | <2 |
| 2587030 | Rock Pulp | 0.14 | 0.07 | 38.7 | 1.4 | <0.05 | 3.5 | 9.09 | 40.7 | 0.09 | 41 | 0.5 | 5.1 | <10 | <2 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587031 | Drill Core | 2.40 | 7.82 | 190.16 | 8.26 | 54.7 | 174 | 106.2 | 46.6 | 852 | 5.73 | 9.5 | 0.6 | 4.9 | 1.6 | 178.2 | 0.08 | 0.19 | 0.05 | 158 | 6.99 |
| 2587032 | Drill Core | 4.46 | 3.69 | 167.84 | 6.33 | 46.8 | 72 | 89.0 | 38.6 | 601 | 3.91 | 6.1 | 0.7 | 1.5 | 1.7 | 205.1 | 0.06 | 0.11 | <0.02 | 125 | 5.54 |
| 2587033 | Drill Core | 3.08 | 6.94 | 176.65 | 3.44 | 51.7 | 73 | 84.2 | 32.9 | 625 | 4.20 | 1.8 | 0.6 | 2.1 | 1.4 | 129.7 | 0.05 | 0.10 | <0.02 | 124 | 4.78 |
| 2587034 | Drill Core | 1.49 | 18.28 | 320.87 | 14.16 | 98.9 | 190 | 803.0 | 303.0 | 448 | 4.69 | 157.7 | 1.3 | 6.8 | 0.9 | 203.7 | 1.30 | 0.64 | 0.06 | 36 | 14.10 |
| 2587035 | Drill Core | 5.09 | 19.48 | 185.12 | 4.93 | 49.5 | 81 | 115.2 | 47.5 | 573 | 3.93 | 2.8 | 0.8 | 6.2 | 1.5 | 150.4 | 0.11 | 0.10 | 0.03 | 109 | 4.58 |
| 2587036 | Drill Core | 4.50 | 1.31 | 179.73 | 4.32 | 41.5 | 72 | 68.5 | 25.6 | 549 | 3.20 | 2.1 | 0.5 | 2.9 | 1.5 | 234.9 | 0.06 | 0.07 | <0.02 | 104 | 3.70 |
| 2587037 | Drill Core | 4.55 | 2.82 | 247.87 | 10.50 | 42.8 | 147 | 65.5 | 25.6 | 614 | 3.17 | 1.3 | 0.8 | 3.2 | 1.5 | 233.3 | 0.13 | 0.10 | <0.02 | 104 | 5.39 |
| 2587038 | Drill Core | 4.33 | 1.53 | 206.40 | 3.14 | 45.7 | 88 | 69.8 | 27.7 | 571 | 3.39 | 1.6 | 0.8 | 2.3 | 1.7 | 266.5 | 0.08 | 0.15 | <0.02 | 110 | 4.57 |
| 2587039 | Drill Core | 2.43 | 0.93 | 189.83 | 4.13 | 46.3 | 75 | 59.8 | 23.7 | 611 | 3.37 | 1.1 | 0.6 | 1.4 | 1.5 | 340.3 | 0.07 | 0.08 | <0.02 | 109 | 4.54 |
| 2587040 | Drill Core | 2.91 | 0.46 | 177.24 | 3.98 | 44.4 | 73 | 57.3 | 22.2 | 577 | 3.29 | 1.5 | 0.5 | 1.0 | 1.5 | 229.8 | 0.07 | 0.10 | <0.02 | 113 | 3.90 |
| 2587041 | Drill Core | 2.90 | 1.73 | 197.06 | 5.16 | 64.6 | 267 | 90.0 | 38.2 | 898 | 4.87 | 4.8 | 0.6 | 1.2 | 1.8 | 286.5 | 0.12 | 0.10 | <0.02 | 192 | 5.43 |
| 2587042 | Drill Core | 3.58 | 0.49 | 169.65 | 28.82 | 49.1 | 370 | 62.7 | 25.1 | 629 | 3.71 | 0.8 | 0.5 | 0.9 | 1.7 | 188.2 | 0.08 | 0.06 | 0.83 | 127 | 3.91 |
| 2587043 | Drill Core | 2.43 | 1.48 | 204.58 | 5.92 | 44.8 | 140 | 73.7 | 30.0 | 479 | 3.08 | 2.7 | 0.7 | 1.0 | 1.7 | 198.6 | 0.07 | 0.20 | 0.04 | 95 | 4.14 |
| 2587044 | Drill Core | 1.51 | 1.06 | 190.16 | 3.84 | 49.5 | 87 | 73.9 | 28.7 | 540 | 3.42 | 2.8 | 0.7 | 0.6 | 1.7 | 308.2 | 0.05 | 0.09 | <0.02 | 115 | 4.43 |
| 2587045 | Drill Core | 1.25 | 1.45 | 162.93 | 3.74 | 44.5 | 71 | 73.3 | 29.2 | 539 | 3.21 | 3.3 | 0.6 | 3.2 | 1.5 | 319.4 | 0.05 | 0.07 | <0.02 | 107 | 4.34 |
| 2587046 | Drill Core | 3.84 | 0.78 | 175.56 | 6.15 | 59.0 | 273 | 80.0 | 33.3 | 892 | 4.40 | 5.3 | 0.6 | 2.4 | 1.4 | 371.2 | 0.13 | 0.27 | 0.07 | 172 | 7.44 |
| 2587047 | Drill Core | 3.46 | 0.36 | 174.97 | 3.20 | 43.6 | 78 | 56.8 | 22.5 | 657 | 3.40 | 1.4 | 0.6 | 1.7 | 1.3 | 370.4 | 0.06 | 0.09 | <0.02 | 117 | 5.59 |
| 2587048 | Drill Core | 4.98 | 1.14 | 171.56 | 12.36 | 39.6 | 255 | 51.8 | 20.2 | 602 | 2.93 | 1.3 | 0.5 | 1.1 | 1.1 | 238.7 | 0.07 | 0.07 | 0.52 | 96 | 5.05 |
| 2587049 | Drill Core | 3.08 | 0.59 | 197.81 | 5.09 | 52.8 | 122 | 61.1 | 24.0 | 582 | 3.40 | 1.3 | 0.5 | <0.2 | 1.1 | 167.9 | 0.07 | 0.07 | 0.05 | 108 | 3.52 |
| 2587050 | Drill Core | 3.14 | 5.85 | 203.39 | 9.87 | 55.1 | 163 | 75.6 | 32.9 | 724 | 3.44 | 6.3 | 0.7 | 0.9 | 1.3 | 436.0 | 0.24 | 0.15 | 0.14 | 119 | 7.16 |
| 2587051 | Drill Core | 2.27 | 0.50 | 164.13 | 4.32 | 50.1 | 97 | 62.0 | 23.9 | 733 | 3.47 | 1.8 | 0.6 | <0.2 | 1.4 | 399.8 | 0.12 | 0.08 | 0.02 | 123 | 6.68 |
| 2587052 | Drill Core | 4.23 | 3.62 | 203.63 | 34.71 | 64.3 | 647 | 76.7 | 31.6 | 902 | 4.56 | 2.3 | 0.6 | 2.4 | 1.6 | 558.6 | 0.22 | 0.09 | 1.95 | 178 | 7.20 |
| 2587053 | Drill Core | 2.76 | 1.79 | 226.56 | 4.59 | 48.3 | 145 | 87.3 | 35.0 | 673 | 3.26 | 3.5 | 0.8 | 1.4 | 1.2 | 299.3 | 0.17 | 0.10 | 0.04 | 103 | 5.78 |
| 2587054 | Drill Core | 4.38 | 0.71 | 174.06 | 2.45 | 47.6 | 92 | 58.0 | 23.5 | 596 | 3.33 | 0.9 | 0.4 | 1.1 | 1.1 | 229.7 | 0.04 | 0.05 | <0.02 | 114 | 3.08 |
| 2587055 | Drill Core | 2.43 | 0.58 | 163.42 | 4.08 | 52.3 | 126 | 63.2 | 25.5 | 789 | 3.78 | 1.1 | 0.5 | 1.8 | 1.4 | 296.3 | 0.08 | 0.04 | 0.04 | 127 | 6.98 |
| 2587056 | Drill Core | 2.76 | 8.20 | 162.66 | 14.88 | 37.3 | 286 | 46.1 | 17.9 | 628 | 2.76 | 1.6 | 0.5 | 2.5 | 1.2 | 294.8 | 0.13 | 0.13 | 0.97 | 92 | 7.17 |
| 2587057 | Drill Core | 2.49 | 1.93 | 180.51 | 2.88 | 47.2 | 122 | 55.7 | 22.5 | 593 | 3.21 | 0.8 | 0.4 | 1.2 | 1.1 | 224.2 | 0.05 | 0.05 | 0.04 | 107 | 3.27 |
| 2587058 | Drill Core | 3.43 | 1.75 | 167.83 | 3.37 | 44.6 | 113 | 53.1 | 21.5 | 600 | 3.00 | 1.0 | 0.5 | 1.3 | 1.1 | 190.9 | 0.06 | 0.05 | 0.04 | 95 | 5.09 |
| 2587059 | Drill Core | 3.92 | 3.69 | 169.02 | 4.38 | 47.9 | 128 | 54.8 | 21.6 | 649 | 3.08 | 1.2 | 0.6 | 1.3 | 1.3 | 210.4 | 0.07 | 0.10 | 0.09 | 100 | 6.04 |
| 2587060 | Rock | 1.31 | 0.04 | 0.42 | 0.12 | 0.7 | <2 | <0.1 | <0.1 | 17 | 0.02 | <0.1 | 1.4 | 0.3 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 35.79 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587031 | Drill Core | 0.156 | 5.3 | 164.7 | 2.08 | 95.3 | 0.241 | <1 | 2.57 | 0.116 | 1.36 | 0.5 | 7.9 | 0.28 | 2.24 | 6 | 0.3 | 0.04 | 8.3 | 2.18 | 0.1 |
| 2587032 | Drill Core | 0.193 | 6.4 | 175.3 | 1.41 | 128.6 | 0.230 | 2 | 2.15 | 0.170 | 1.18 | 0.3 | 3.3 | 0.22 | 0.85 | <5 | <0.1 | 0.02 | 6.6 | 1.81 | 0.1 |
| 2587033 | Drill Core | 0.212 | 5.4 | 179.5 | 1.48 | 147.1 | 0.222 | 3 | 2.12 | 0.141 | 1.29 | 0.4 | 3.6 | 0.21 | 0.83 | <5 | <0.1 | 0.03 | 6.3 | 1.02 | 0.1 |
| 2587034 | Drill Core | 0.064 | 2.3 | 44.6 | 0.46 | 12.7 | 0.102 | 11 | 1.34 | 0.050 | 0.13 | 0.3 | 2.1 | 0.04 | 2.86 | 18 | 0.2 | <0.02 | 4.8 | 0.15 | 0.2 |
| 2587035 | Drill Core | 0.196 | 5.4 | 166.1 | 1.41 | 112.4 | 0.193 | 8 | 1.96 | 0.125 | 1.05 | 0.3 | 3.3 | 0.17 | 0.97 | <5 | <0.1 | <0.02 | 6.8 | 0.63 | <0.1 |
| 2587036 | Drill Core | 0.215 | 5.3 | 166.5 | 1.62 | 110.7 | 0.188 | 2 | 2.08 | 0.113 | 1.12 | 0.1 | 3.6 | 0.14 | 0.19 | <5 | <0.1 | <0.02 | 7.3 | 1.05 | 0.1 |
| 2587037 | Drill Core | 0.196 | 5.7 | 168.2 | 1.44 | 160.2 | 0.193 | 3 | 2.04 | 0.141 | 1.16 | 0.3 | 3.7 | 0.13 | 0.27 | <5 | <0.1 | <0.02 | 6.2 | 0.85 | 0.1 |
| 2587038 | Drill Core | 0.211 | 5.7 | 169.8 | 1.46 | 141.8 | 0.197 | 8 | 2.05 | 0.147 | 1.17 | 0.3 | 3.7 | 0.10 | 0.36 | <5 | <0.1 | <0.02 | 6.8 | 0.99 | <0.1 |
| 2587039 | Drill Core | 0.230 | 5.5 | 181.1 | 1.69 | 151.2 | 0.212 | 4 | 2.33 | 0.140 | 1.44 | 0.2 | 3.4 | 0.12 | 0.13 | <5 | <0.1 | <0.02 | 7.4 | 1.36 | 0.1 |
| 2587040 | Drill Core | 0.209 | 5.3 | 183.9 | 1.65 | 164.1 | 0.209 | 2 | 2.18 | 0.124 | 1.45 | 0.2 | 3.5 | 0.10 | 0.10 | <5 | <0.1 | <0.02 | 7.3 | 1.54 | 0.1 |
| 2587041 | Drill Core | 0.225 | 6.3 | 214.6 | 2.73 | 786.4 | 0.285 | 1 | 3.47 | 0.122 | 2.40 | 0.3 | 7.2 | 0.22 | 0.22 | <5 | <0.1 | 0.02 | 10.7 | 5.83 | 0.2 |
| 2587042 | Drill Core | 0.220 | 6.2 | 181.4 | 2.07 | 334.0 | 0.223 | 2 | 2.51 | 0.125 | 1.73 | 0.2 | 4.2 | 0.12 | 0.09 | <5 | <0.1 | 0.09 | 8.5 | 3.58 | 0.2 |
| 2587043 | Drill Core | 0.205 | 5.7 | 155.0 | 1.37 | 252.9 | 0.193 | 5 | 1.79 | 0.141 | 1.07 | 0.3 | 3.7 | 0.06 | 0.28 | 6 | <0.1 | <0.02 | 6.7 | 1.93 | 0.1 |
| 2587044 | Drill Core | 0.238 | 5.5 | 182.7 | 1.62 | 194.6 | 0.205 | 18 | 2.21 | 0.111 | 1.42 | 0.2 | 3.7 | 0.07 | 0.09 | <5 | <0.1 | <0.02 | 7.3 | 1.92 | 0.1 |
| 2587045 | Drill Core | 0.203 | 5.2 | 161.4 | 1.59 | 203.0 | 0.198 | 25 | 2.14 | 0.121 | 1.34 | 0.2 | 3.6 | 0.07 | 0.06 | <5 | <0.1 | <0.02 | 7.0 | 1.82 | 0.1 |
| 2587046 | Drill Core | 0.221 | 5.3 | 195.2 | 2.10 | 302.5 | 0.221 | 1 | 2.86 | 0.089 | 1.77 | 0.3 | 6.9 | 0.14 | 0.28 | 12 | <0.1 | 0.04 | 9.0 | 4.80 | 0.2 |
| 2587047 | Drill Core | 0.214 | 5.1 | 166.9 | 1.72 | 123.0 | 0.189 | 2 | 2.26 | 0.112 | 1.32 | 0.1 | 5.6 | 0.08 | 0.06 | 7 | <0.1 | <0.02 | 7.0 | 3.70 | 0.1 |
| 2587048 | Drill Core | 0.216 | 4.4 | 165.1 | 1.44 | 119.9 | 0.166 | 2 | 1.84 | 0.091 | 0.94 | 0.2 | 3.5 | 0.06 | 0.07 | <5 | <0.1 | 0.02 | 5.8 | 3.15 | 0.1 |
| 2587049 | Drill Core | 0.233 | 4.8 | 191.9 | 1.81 | 96.8 | 0.204 | 4 | 2.21 | 0.105 | 1.29 | 0.2 | 3.4 | 0.11 | 0.06 | 6 | <0.1 | <0.02 | 7.5 | 6.14 | 0.1 |
| 2587050 | Drill Core | 0.222 | 4.8 | 172.5 | 1.54 | 96.5 | 0.164 | 2 | 2.01 | 0.081 | 0.64 | 0.4 | 5.0 | 0.08 | 0.17 | 8 | 0.2 | 0.04 | 7.0 | 3.41 | 0.1 |
| 2587051 | Drill Core | 0.211 | 4.5 | 173.1 | 1.51 | 103.4 | 0.195 | 1 | 2.28 | 0.103 | 1.32 | 0.3 | 4.1 | 0.11 | 0.08 | <5 | <0.1 | <0.02 | 6.9 | 4.81 | 0.1 |
| 2587052 | Drill Core | 0.212 | 4.8 | 198.1 | 2.24 | 323.4 | 0.234 | 2 | 3.03 | 0.095 | 1.80 | 0.4 | 7.8 | 0.15 | 0.29 | 6 | 0.2 | 0.15 | 9.9 | 6.20 | 0.2 |
| 2587053 | Drill Core | 0.198 | 4.5 | 145.6 | 1.63 | 133.9 | 0.178 | 2 | 2.07 | 0.093 | 1.04 | 0.4 | 3.8 | 0.08 | 0.14 | <5 | <0.1 | <0.02 | 6.4 | 3.67 | <0.1 |
| 2587054 | Drill Core | 0.223 | 5.2 | 170.0 | 2.13 | 65.9 | 0.198 | 1 | 2.24 | 0.081 | 1.52 | 0.1 | 3.6 | 0.08 | 0.07 | <5 | <0.1 | <0.02 | 6.9 | 6.42 | <0.1 |
| 2587055 | Drill Core | 0.225 | 5.2 | 176.1 | 1.93 | 224.2 | 0.218 | 1 | 2.46 | 0.094 | 1.64 | 0.4 | 4.4 | 0.11 | 0.07 | <5 | <0.1 | 0.02 | 7.0 | 7.38 | 0.1 |
| 2587056 | Drill Core | 0.187 | 4.2 | 126.0 | 1.31 | 62.1 | 0.153 | 3 | 1.69 | 0.070 | 0.75 | 0.5 | 4.1 | 0.08 | 0.16 | <5 | <0.1 | 0.07 | 6.0 | 4.60 | 0.2 |
| 2587057 | Drill Core | 0.216 | 4.7 | 164.6 | 1.88 | 132.7 | 0.192 | 2 | 2.10 | 0.106 | 1.40 | 0.3 | 4.2 | 0.11 | 0.06 | <5 | <0.1 | <0.02 | 6.6 | 8.54 | 0.1 |
| 2587058 | Drill Core | 0.209 | 4.4 | 148.0 | 1.50 | 112.0 | 0.181 | 1 | 1.74 | 0.079 | 1.24 | 0.3 | 3.3 | 0.09 | 0.11 | <5 | <0.1 | 0.02 | 5.3 | 8.10 | 0.1 |
| 2587059 | Drill Core | 0.213 | 4.7 | 156.0 | 1.45 | 61.0 | 0.173 | 2 | 1.76 | 0.090 | 0.82 | 0.4 | 3.8 | 0.06 | 0.09 | <5 | <0.1 | 0.03 | 5.7 | 4.39 | 0.1 |
| 2587060 | Rock | 0.003 | <0.5 | 0.8 | 1.08 | 5.4 | <0.001 | <1 | 0.01 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.02 | <5 | <0.1 | 0.24 | <0.1 | <0.02 | <0.1 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587031 | Drill Core | 0.15 | 0.11 | 33.2 | 0.4 | <0.05 | 5.2 | 6.40 | 9.8 | 0.02 | 5 | 0.3 | 22.7 | <10 | 2 |
| 2587032 | Drill Core | 0.13 | 0.13 | 31.5 | 0.3 | <0.05 | 3.8 | 5.78 | 11.4 | <0.02 | 4 | 0.3 | 18.7 | <10 | 5 |
| 2587033 | Drill Core | 0.12 | 0.12 | 31.5 | 0.2 | <0.05 | 2.7 | 4.68 | 9.6 | <0.02 | 1 | 0.2 | 22.5 | <10 | 5 |
| 2587034 | Drill Core | 0.16 | 0.16 | 2.9 | 0.2 | <0.05 | 4.2 | 2.36 | 4.5 | <0.02 | 7 | 0.6 | 6.7 | 11 | 5 |
| 2587035 | Drill Core | 0.16 | 0.11 | 28.8 | 0.2 | <0.05 | 3.2 | 4.97 | 9.5 | <0.02 | 2 | 0.3 | 21.5 | 14 | 6 |
| 2587036 | Drill Core | 0.14 | 0.06 | 27.7 | 0.2 | <0.05 | 2.9 | 4.67 | 9.5 | <0.02 | <1 | 0.3 | 26.6 | 12 | 5 |
| 2587037 | Drill Core | 0.13 | 0.08 | 29.1 | 9.4 | <0.05 | 3.3 | 4.70 | 10.0 | <0.02 | 1 | 0.4 | 18.7 | 11 | 5 |
| 2587038 | Drill Core | 0.14 | 0.08 | 26.7 | 4.7 | <0.05 | 3.4 | 5.08 | 10.6 | <0.02 | <1 | 0.3 | 20.2 | 10 | 5 |
| 2587039 | Drill Core | 0.11 | 0.06 | 35.2 | 0.2 | <0.05 | 2.8 | 4.73 | 9.6 | <0.02 | <1 | 0.4 | 23.5 | 12 | 5 |
| 2587040 | Drill Core | 0.10 | 0.06 | 30.8 | 0.2 | <0.05 | 2.3 | 4.46 | 9.5 | <0.02 | <1 | 0.2 | 23.7 | <10 | 5 |
| 2587041 | Drill Core | 0.05 | 0.09 | 60.4 | 0.4 | <0.05 | 1.7 | 5.95 | 11.1 | <0.02 | <1 | 0.4 | 29.5 | 17 | 5 |
| 2587042 | Drill Core | 0.08 | 0.07 | 36.2 | 0.2 | <0.05 | 2.1 | 5.32 | 11.3 | <0.02 | <1 | 0.2 | 24.9 | 11 | 5 |
| 2587043 | Drill Core | 0.14 | 0.07 | 19.3 | 0.2 | <0.05 | 3.7 | 5.11 | 10.7 | <0.02 | 1 | 0.3 | 15.7 | 10 | 3 |
| 2587044 | Drill Core | 0.11 | 0.04 | 28.8 | 0.2 | <0.05 | 3.1 | 4.81 | 10.0 | <0.02 | <1 | 0.2 | 21.9 | <10 | 4 |
| 2587045 | Drill Core | 0.11 | 0.05 | 26.7 | 0.2 | <0.05 | 2.8 | 4.54 | 9.5 | <0.02 | <1 | 0.4 | 21.6 | 12 | 4 |
| 2587046 | Drill Core | 0.05 | 0.06 | 43.6 | 0.3 | <0.05 | 1.8 | 5.32 | 9.7 | <0.02 | <1 | 0.4 | 28.0 | <10 | 4 |
| 2587047 | Drill Core | 0.08 | 0.05 | 33.4 | 0.2 | <0.05 | 2.5 | 4.44 | 9.5 | <0.02 | <1 | 0.3 | 25.3 | <10 | 4 |
| 2587048 | Drill Core | 0.09 | 0.04 | 24.8 | 0.2 | <0.05 | 2.5 | 3.87 | 7.9 | <0.02 | <1 | 0.2 | 23.4 | <10 | 5 |
| 2587049 | Drill Core | 0.11 | 0.06 | 43.2 | 0.2 | <0.05 | 2.7 | 4.37 | 8.6 | <0.02 | <1 | 0.3 | 34.1 | <10 | 5 |
| 2587050 | Drill Core | 0.10 | 0.07 | 19.2 | 0.4 | <0.05 | 2.7 | 4.84 | 9.2 | <0.02 | 3 | 0.4 | 18.0 | <10 | 4 |
| 2587051 | Drill Core | 0.11 | 0.06 | 40.9 | 0.2 | <0.05 | 2.4 | 4.48 | 8.7 | <0.02 | <1 | 0.3 | 18.9 | <10 | 5 |
| 2587052 | Drill Core | 0.05 | 0.08 | 49.2 | 0.3 | <0.05 | 2.2 | 5.67 | 9.6 | <0.02 | 1 | 0.3 | 26.0 | <10 | 6 |
| 2587053 | Drill Core | 0.09 | 0.08 | 28.1 | 0.3 | <0.05 | 2.7 | 4.09 | 8.6 | <0.02 | <1 | 0.3 | 18.2 | <10 | 4 |
| 2587054 | Drill Core | 0.08 | 0.04 | 44.8 | 0.2 | <0.05 | 2.2 | 4.09 | 9.8 | <0.02 | <1 | 0.4 | 31.4 | <10 | 4 |
| 2587055 | Drill Core | 0.08 | 0.06 | 46.3 | 0.3 | <0.05 | 2.1 | 4.27 | 9.9 | <0.02 | <1 | 0.3 | 24.2 | <10 | 5 |
| 2587056 | Drill Core | 0.10 | 0.05 | 26.3 | 0.5 | <0.05 | 3.4 | 3.88 | 8.0 | <0.02 | 7 | 0.5 | 14.0 | <10 | 4 |
| 2587057 | Drill Core | 0.11 | 0.05 | 43.8 | 0.4 | <0.05 | 3.4 | 3.75 | 8.7 | <0.02 | <1 | 0.3 | 27.5 | <10 | 4 |
| 2587058 | Drill Core | 0.09 | 0.05 | 41.5 | 0.2 | <0.05 | 3.1 | 3.58 | 8.0 | <0.02 | <1 | 0.4 | 20.8 | <10 | 3 |
| 2587059 | Drill Core | 0.12 | 0.07 | 28.5 | 0.3 | <0.05 | 3.0 | 3.81 | 8.7 | <0.02 | 4 | 0.3 | 14.3 | 12 | 4 |
| 2587060 | Rock | <0.02 | 0.04 | <0.1 | <0.1 | <0.05 | 0.1 | 0.16 | 0.1 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587061 | Drill Core | 3.59 | 0.84 | 173.14 | 3.65 | 54.8 | 240 | 64.4 | 26.6 | 747 | 3.73 | 0.8 | 0.4 | 2.3 | 1.1 | 269.3 | 0.10 | 0.04 | 0.03 | 123 | 5.52 |
| 2587062 | Drill Core | 3.54 | 1.04 | 176.67 | 5.27 | 51.1 | 225 | 63.8 | 26.1 | 685 | 3.45 | 0.9 | 0.4 | 1.6 | 1.1 | 354.2 | 0.07 | 0.06 | <0.02 | 107 | 3.69 |
| 2587063 | Drill Core | 1.15 | 1.01 | 157.62 | 3.82 | 41.5 | 110 | 55.9 | 19.2 | 432 | 2.81 | 1.1 | 0.4 | 2.1 | 1.2 | 175.1 | 0.07 | 0.10 | <0.02 | 83 | 3.17 |
| 2587064 | Drill Core | 2.29 | 0.45 | 162.48 | 3.63 | 48.6 | 94 | 58.1 | 22.3 | 633 | 3.17 | 2.6 | 0.5 | 2.2 | 1.2 | 187.3 | 0.07 | 0.14 | <0.02 | 103 | 5.74 |
| 2587065 | Core DUP | | 0.46 | 160.38 | 3.67 | 48.8 | 99 | 57.5 | 22.5 | 659 | 3.18 | 2.6 | 0.4 | 1.7 | 1.2 | 180.8 | 0.07 | 0.12 | <0.02 | 102 | 5.75 |
| 2587066 | Drill Core | 2.08 | 0.62 | 177.65 | 4.36 | 59.8 | 138 | 72.5 | 29.9 | 698 | 4.32 | 7.3 | 0.5 | 2.0 | 1.6 | 184.7 | 0.07 | 0.21 | <0.02 | 147 | 4.38 |
| 2587067 | Drill Core | 3.84 | 1.17 | 155.86 | 5.51 | 50.3 | 134 | 53.9 | 24.1 | 978 | 3.63 | 5.4 | 0.7 | 3.2 | 1.3 | 292.1 | 0.07 | 0.25 | <0.02 | 127 | 8.96 |
| 2587068 | Drill Core | 4.41 | 0.82 | 152.32 | 3.54 | 53.2 | 166 | 58.9 | 24.0 | 884 | 3.74 | 3.6 | 0.5 | 3.7 | 1.1 | 396.5 | 0.07 | 0.08 | <0.02 | 146 | 8.11 |
| 2587069 | Drill Core | 4.26 | 0.39 | 157.12 | 2.94 | 50.0 | 77 | 69.4 | 24.3 | 764 | 3.48 | 1.8 | 0.4 | 2.8 | 1.2 | 260.9 | 0.05 | 0.07 | 0.03 | 129 | 6.38 |
| 2587070 | Rock Pulp | 0.10 | 230.35 | 2701.82 | 53.00 | 297.3 | 3140 | 10.2 | 19.9 | 204 | 3.30 | 24.0 | 6.5 | 282.6 | 12.6 | 47.1 | 2.19 | 6.51 | 4.23 | 44 | 0.96 |
| 2587071 | Drill Core | 3.91 | 0.29 | 150.21 | 3.70 | 49.8 | 201 | 62.1 | 23.6 | 734 | 3.63 | 1.8 | 0.4 | 2.4 | 1.4 | 231.7 | 0.05 | 0.09 | 0.03 | 145 | 7.24 |
| 2587072 | Drill Core | 4.24 | 0.41 | 108.33 | 3.91 | 52.3 | 76 | 49.0 | 20.5 | 899 | 3.88 | 1.7 | 0.4 | 1.9 | 1.3 | 246.7 | 0.06 | 0.07 | <0.02 | 160 | 8.83 |
| 2587073 | Drill Core | 3.21 | 0.94 | 140.84 | 3.84 | 54.6 | 178 | 57.4 | 22.0 | 807 | 3.75 | 1.5 | 0.4 | 4.1 | 1.3 | 273.5 | 0.08 | 0.10 | <0.02 | 150 | 7.56 |
| 2587074 | Drill Core | 3.76 | 0.37 | 185.59 | 47.48 | 99.6 | 454 | 64.2 | 23.8 | 730 | 3.58 | 8.7 | 0.4 | 12.3 | 1.2 | 203.4 | 0.44 | 0.11 | <0.02 | 131 | 6.21 |
| 2587075 | Drill Core | 3.38 | 0.41 | 169.10 | 2.44 | 46.4 | 78 | 58.9 | 21.6 | 561 | 3.02 | 1.3 | 0.4 | 2.0 | 1.2 | 177.2 | 0.06 | 0.05 | <0.02 | 110 | 4.57 |
| 2587076 | Drill Core | 3.75 | 0.45 | 158.97 | 2.72 | 55.9 | 91 | 64.7 | 24.5 | 710 | 3.78 | 1.5 | 0.4 | 2.1 | 1.1 | 144.0 | 0.05 | 0.06 | <0.02 | 142 | 4.42 |
| 2587077 | Drill Core | 3.00 | 0.21 | 189.41 | 4.39 | 54.1 | 135 | 64.0 | 25.0 | 666 | 3.60 | 0.8 | 0.4 | 1.6 | 1.2 | 154.7 | 0.09 | 0.05 | <0.02 | 136 | 3.31 |
| 2587078 | Drill Core | 1.84 | 0.65 | 131.00 | 3.79 | 53.7 | 76 | 65.3 | 24.7 | 747 | 3.69 | 1.2 | 0.4 | 1.4 | 1.1 | 401.0 | 0.06 | 0.12 | <0.02 | 145 | 5.20 |
| 2587079 | Drill Core | 4.37 | 0.38 | 141.11 | 3.61 | 61.5 | 178 | 67.9 | 26.1 | 958 | 4.52 | 0.9 | 0.3 | 3.8 | 1.1 | 369.1 | 0.08 | 0.04 | <0.02 | 198 | 7.51 |
| 2587080 | Drill Core | 4.63 | 1.59 | 116.88 | 4.16 | 60.2 | 258 | 64.4 | 24.7 | 886 | 4.22 | 2.1 | 0.3 | 4.5 | 1.1 | 274.8 | 0.09 | 0.06 | <0.02 | 185 | 7.92 |
| 2587081 | Drill Core | 4.57 | 0.81 | 169.24 | 2.84 | 49.7 | 82 | 58.1 | 22.7 | 738 | 3.27 | 1.9 | 0.6 | 1.8 | 1.3 | 232.8 | 0.04 | 0.16 | <0.02 | 124 | 6.09 |
| 2587082 | Drill Core | 4.42 | 0.45 | 186.18 | 3.74 | 54.3 | 132 | 60.9 | 23.5 | 761 | 3.61 | 3.0 | 0.6 | 7.9 | 1.4 | 291.4 | 0.05 | 0.13 | 0.03 | 135 | 5.58 |
| 2587083 | Drill Core | 3.06 | 0.16 | 19.17 | 8.95 | 79.9 | 40 | 8.5 | 5.9 | 654 | 2.44 | 0.4 | 0.6 | 0.4 | 2.2 | 140.1 | 0.07 | 0.11 | 0.06 | 36 | 1.33 |
| 2587084 | Drill Core | 2.08 | 0.52 | 196.85 | 2.70 | 45.2 | 102 | 47.6 | 18.8 | 716 | 3.01 | 1.8 | 0.8 | 1.2 | 1.4 | 222.6 | 0.09 | 0.11 | <0.02 | 117 | 6.00 |
| 2587085 | Drill Core | 1.87 | 0.60 | 182.89 | 2.59 | 47.1 | 87 | 51.7 | 19.8 | 708 | 3.14 | 1.5 | 0.7 | 1.3 | 1.3 | 222.4 | 0.08 | 0.08 | <0.02 | 124 | 5.61 |
| 2587086 | Drill Core | 2.21 | 0.69 | 212.37 | 3.53 | 56.2 | 155 | 60.7 | 24.4 | 921 | 3.60 | 1.1 | 0.9 | 2.0 | 1.3 | 331.6 | 0.11 | 0.10 | <0.02 | 135 | 7.14 |
| 2587087 | Drill Core | 1.99 | 0.51 | 157.20 | 3.06 | 50.6 | 206 | 60.5 | 23.3 | 747 | 3.46 | 1.6 | 0.4 | 2.4 | 1.2 | 249.5 | 0.05 | 0.16 | <0.02 | 123 | 5.54 |
| 2587088 | Drill Core | 3.64 | 0.44 | 172.01 | 2.59 | 46.3 | 126 | 53.1 | 20.5 | 669 | 3.08 | 1.3 | 0.5 | 0.8 | 1.3 | 209.6 | 0.05 | 0.13 | <0.02 | 117 | 5.60 |
| 2587089 | Drill Core | 3.82 | 0.42 | 160.65 | 2.49 | 43.2 | 76 | 53.7 | 20.8 | 539 | 2.87 | 1.1 | 0.4 | 1.4 | 1.1 | 172.3 | 0.05 | 0.08 | <0.02 | 101 | 3.64 |
| 2587090 | Drill Core | 4.74 | 0.51 | 161.31 | 3.00 | 49.3 | 99 | 48.3 | 19.2 | 700 | 3.14 | 1.1 | 0.5 | 0.9 | 1.4 | 232.5 | 0.07 | 0.11 | <0.02 | 108 | 6.81 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS    VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587061 | Drill Core | 0.209 | 4.4 | 167.2 | 2.08 | 215.3 | 0.231 | 2 | 2.54 | 0.077 | 1.84 | 0.3 | 3.8 | 0.11 | 0.05 | <5 | <0.1 | 0.03 | 6.7 | 6.80 | 0.1 |
| 2587062 | Drill Core | 0.211 | 4.7 | 156.7 | 2.07 | 129.4 | 0.196 | 2 | 2.23 | 0.067 | 1.48 | 0.3 | 3.6 | 0.08 | 0.05 | <5 | <0.1 | 0.03 | 7.7 | 5.18 | 0.1 |
| 2587063 | Drill Core | 0.191 | 4.1 | 130.6 | 1.43 | 78.5 | 0.165 | 4 | 1.71 | 0.100 | 1.06 | 0.3 | 3.2 | 0.05 | 0.09 | <5 | 0.1 | <0.02 | 5.7 | 2.56 | 0.2 |
| 2587064 | Drill Core | 0.207 | 4.8 | 154.3 | 1.77 | 168.9 | 0.186 | 6 | 2.05 | 0.088 | 1.32 | 0.2 | 4.0 | 0.06 | 0.05 | 6 | <0.1 | <0.02 | 5.8 | 2.50 | 0.2 |
| 2587065 | Core DUP | 0.200 | 4.6 | 154.2 | 1.74 | 171.1 | 0.185 | 6 | 2.09 | 0.098 | 1.33 | 0.2 | 4.1 | 0.06 | 0.05 | 9 | <0.1 | <0.02 | 5.7 | 2.47 | 0.2 |
| 2587066 | Drill Core | 0.232 | 6.5 | 188.9 | 2.54 | 142.2 | 0.208 | 3 | 2.54 | 0.069 | 1.52 | 0.2 | 8.2 | 0.09 | 0.11 | 18 | <0.1 | 0.03 | 7.8 | 3.43 | 0.1 |
| 2587067 | Drill Core | 0.195 | 5.7 | 168.1 | 1.97 | 131.7 | 0.146 | 2 | 2.11 | 0.052 | 0.77 | 0.3 | 7.0 | 0.07 | 0.11 | 11 | <0.1 | <0.02 | 6.9 | 3.86 | 0.1 |
| 2587068 | Drill Core | 0.206 | 4.6 | 183.6 | 1.93 | 338.7 | 0.207 | 2 | 2.38 | 0.067 | 1.60 | 0.3 | 4.8 | 0.16 | 0.06 | <5 | <0.1 | <0.02 | 7.2 | 5.32 | 0.1 |
| 2587069 | Drill Core | 0.198 | 4.9 | 178.2 | 1.73 | 113.9 | 0.204 | 3 | 2.02 | 0.065 | 1.58 | 0.3 | 3.7 | 0.17 | 0.03 | 11 | <0.1 | <0.02 | 5.6 | 4.48 | 0.1 |
| 2587070 | Rock Pulp | 0.053 | 22.8 | 76.9 | 0.67 | 48.6 | 0.046 | 3 | 1.37 | 0.032 | 0.58 | 3.5 | 5.3 | 0.43 | 2.04 | 58 | 2.8 | 0.33 | 3.9 | 2.19 | <0.1 |
| 2587071 | Drill Core | 0.199 | 5.5 | 190.4 | 1.87 | 186.0 | 0.214 | 2 | 2.26 | 0.059 | 1.67 | 0.3 | 4.7 | 0.14 | 0.10 | 9 | <0.1 | <0.02 | 6.3 | 6.03 | 0.1 |
| 2587072 | Drill Core | 0.189 | 5.0 | 192.8 | 1.89 | 118.4 | 0.227 | 2 | 2.34 | 0.041 | 1.98 | 0.4 | 5.7 | 0.24 | 0.11 | 14 | <0.1 | <0.02 | 6.9 | 7.14 | 0.1 |
| 2587073 | Drill Core | 0.180 | 4.9 | 182.2 | 1.95 | 235.3 | 0.219 | 3 | 2.43 | 0.060 | 1.87 | 0.3 | 5.6 | 0.14 | 0.06 | <5 | <0.1 | <0.02 | 6.8 | 6.55 | 0.1 |
| 2587074 | Drill Core | 0.199 | 4.7 | 168.7 | 1.83 | 116.0 | 0.210 | 4 | 2.10 | 0.084 | 1.56 | 0.3 | 4.7 | 0.10 | 0.19 | 38 | 0.2 | <0.02 | 6.0 | 5.94 | 0.1 |
| 2587075 | Drill Core | 0.201 | 4.6 | 154.5 | 1.61 | 101.9 | 0.193 | 9 | 1.88 | 0.109 | 1.33 | 0.2 | 4.4 | 0.09 | 0.03 | <5 | <0.1 | <0.02 | 5.5 | 9.35 | 0.1 |
| 2587076 | Drill Core | 0.199 | 4.2 | 179.5 | 2.42 | 289.9 | 0.226 | 1 | 2.60 | 0.062 | 2.10 | 0.2 | 4.7 | 0.13 | 0.04 | 7 | <0.1 | <0.02 | 7.6 | 13.48 | 0.1 |
| 2587077 | Drill Core | 0.202 | 4.7 | 180.7 | 2.43 | 335.4 | 0.252 | 3 | 2.62 | 0.121 | 2.21 | 0.2 | 4.8 | 0.12 | 0.03 | <5 | <0.1 | <0.02 | 7.9 | 12.18 | 0.1 |
| 2587078 | Drill Core | 0.203 | 4.2 | 176.1 | 2.13 | 492.6 | 0.220 | 2 | 2.48 | 0.085 | 1.94 | 0.3 | 3.9 | 0.11 | 0.03 | <5 | <0.1 | <0.02 | 7.0 | 11.40 | 0.2 |
| 2587079 | Drill Core | 0.190 | 3.8 | 204.1 | 2.33 | 357.1 | 0.248 | 1 | 3.20 | 0.065 | 2.71 | 0.2 | 11.9 | 0.18 | 0.06 | <5 | 0.2 | <0.02 | 9.2 | 13.09 | 0.2 |
| 2587080 | Drill Core | 0.191 | 3.5 | 192.1 | 2.04 | 243.0 | 0.231 | 1 | 2.72 | 0.058 | 2.28 | 0.3 | 10.0 | 0.15 | 0.12 | <5 | <0.1 | <0.02 | 8.6 | 10.66 | 0.2 |
| 2587081 | Drill Core | 0.197 | 4.8 | 167.6 | 1.71 | 146.3 | 0.197 | 3 | 2.01 | 0.107 | 1.28 | 0.4 | 5.3 | 0.10 | 0.03 | <5 | <0.1 | <0.02 | 5.6 | 5.40 | 0.2 |
| 2587082 | Drill Core | 0.191 | 5.4 | 170.6 | 2.23 | 162.9 | 0.178 | 1 | 2.33 | 0.066 | 1.28 | 0.3 | 6.2 | 0.12 | 0.06 | 9 | <0.1 | <0.02 | 7.3 | 4.33 | 0.2 |
| 2587083 | Drill Core | 0.079 | 7.1 | 16.7 | 0.79 | 77.1 | 0.119 | 2 | 1.75 | 0.065 | 0.78 | <0.1 | 3.4 | 0.33 | 0.07 | <5 | <0.1 | <0.02 | 7.5 | 1.99 | <0.1 |
| 2587084 | Drill Core | 0.209 | 5.2 | 167.2 | 1.60 | 127.5 | 0.179 | 2 | 1.86 | 0.073 | 1.22 | 0.3 | 5.1 | 0.10 | 0.04 | 10 | <0.1 | <0.02 | 5.6 | 3.62 | 0.1 |
| 2587085 | Drill Core | 0.200 | 5.3 | 166.6 | 1.70 | 134.6 | 0.183 | 2 | 1.97 | 0.081 | 1.25 | 0.2 | 5.6 | 0.10 | 0.04 | <5 | <0.1 | <0.02 | 5.9 | 3.69 | 0.1 |
| 2587086 | Drill Core | 0.219 | 4.3 | 166.7 | 2.12 | 338.8 | 0.213 | 2 | 2.54 | 0.061 | 1.93 | 0.4 | 3.9 | 0.15 | 0.04 | <5 | 0.2 | <0.02 | 7.2 | 6.01 | 0.1 |
| 2587087 | Drill Core | 0.197 | 3.8 | 157.3 | 2.11 | 267.8 | 0.204 | 3 | 2.43 | 0.066 | 1.73 | 0.3 | 4.0 | 0.14 | 0.08 | 7 | <0.1 | <0.02 | 7.5 | 6.72 | 0.1 |
| 2587088 | Drill Core | 0.205 | 5.5 | 161.9 | 1.82 | 117.9 | 0.171 | 2 | 2.01 | 0.068 | 1.20 | 0.3 | 5.2 | 0.10 | 0.04 | <5 | <0.1 | <0.02 | 6.3 | 3.97 | 0.1 |
| 2587089 | Drill Core | 0.199 | 4.6 | 157.3 | 1.75 | 157.6 | 0.176 | 3 | 1.95 | 0.101 | 1.41 | 0.2 | 3.4 | 0.07 | 0.02 | <5 | 0.2 | <0.02 | 5.5 | 3.31 | 0.1 |
| 2587090 | Drill Core | 0.223 | 4.6 | 158.4 | 1.61 | 73.4 | 0.160 | 2 | 1.86 | 0.079 | 0.93 | 0.4 | 4.3 | 0.06 | 0.06 | <5 | <0.1 | <0.02 | 6.0 | 3.81 | 0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587061 | Drill Core | 0.07 | 0.06 | 51.5 | 0.4 | <0.05 | 1.8 | 3.39 | 8.3 | <0.02 | <1 | 0.3 | 25.0 | <10 | 5 |
| 2587062 | Drill Core | 0.08 | 0.04 | 41.9 | 0.9 | <0.05 | 2.1 | 3.48 | 8.7 | <0.02 | <1 | 0.4 | 25.8 | <10 | 4 |
| 2587063 | Drill Core | 0.12 | 0.07 | 28.0 | 0.2 | <0.05 | 3.5 | 3.33 | 8.0 | <0.02 | <1 | 0.3 | 18.8 | <10 | 4 |
| 2587064 | Drill Core | 0.10 | 0.06 | 33.3 | 0.2 | <0.05 | 2.6 | 3.79 | 8.9 | <0.02 | <1 | 0.5 | 25.8 | 12 | 6 |
| 2587065 | Core DUP | 0.10 | 0.07 | 33.0 | 0.2 | <0.05 | 2.6 | 3.62 | 8.8 | <0.02 | <1 | 0.5 | 25.0 | <10 | 4 |
| 2587066 | Drill Core | 0.13 | 0.05 | 42.2 | 0.3 | <0.05 | 2.9 | 5.03 | 11.9 | <0.02 | <1 | 0.6 | 31.1 | <10 | 5 |
| 2587067 | Drill Core | 0.09 | 0.04 | 25.8 | 0.3 | <0.05 | 3.0 | 5.15 | 11.1 | <0.02 | 2 | 0.5 | 20.7 | <10 | 5 |
| 2587068 | Drill Core | 0.07 | 0.05 | 50.1 | 0.3 | <0.05 | 2.3 | 3.92 | 8.6 | <0.02 | <1 | 0.4 | 23.9 | <10 | 4 |
| 2587069 | Drill Core | 0.09 | 0.06 | 44.7 | 0.3 | <0.05 | 1.8 | 3.97 | 8.5 | <0.02 | <1 | 0.5 | 27.8 | 11 | 3 |
| 2587070 | Rock Pulp | 0.11 | 0.07 | 37.4 | 1.3 | <0.05 | 3.4 | 9.21 | 37.6 | 0.09 | 40 | 0.4 | 7.0 | <10 | <2 |
| 2587071 | Drill Core | 0.06 | 0.05 | 44.6 | 0.3 | <0.05 | 1.5 | 4.46 | 9.7 | <0.02 | <1 | 0.4 | 28.1 | <10 | 3 |
| 2587072 | Drill Core | 0.04 | 0.05 | 55.4 | 0.3 | <0.05 | 1.1 | 4.37 | 8.7 | <0.02 | <1 | 0.5 | 29.5 | 12 | 5 |
| 2587073 | Drill Core | 0.10 | 0.06 | 45.8 | 0.3 | <0.05 | 1.6 | 4.30 | 8.7 | <0.02 | <1 | 0.6 | 29.5 | <10 | 4 |
| 2587074 | Drill Core | 0.09 | 0.11 | 41.2 | 0.2 | <0.05 | 3.1 | 3.60 | 8.5 | <0.02 | <1 | 0.4 | 27.1 | <10 | 3 |
| 2587075 | Drill Core | 0.09 | 0.09 | 41.4 | 0.2 | <0.05 | 2.5 | 3.22 | 8.1 | <0.02 | <1 | 0.4 | 26.1 | <10 | 4 |
| 2587076 | Drill Core | 0.05 | 0.05 | 55.1 | 0.2 | <0.05 | 1.9 | 3.62 | 7.6 | <0.02 | <1 | 0.5 | 36.8 | <10 | 6 |
| 2587077 | Drill Core | 0.07 | 0.14 | 56.0 | 0.2 | <0.05 | 3.1 | 3.98 | 8.4 | <0.02 | <1 | 0.3 | 34.6 | <10 | 6 |
| 2587078 | Drill Core | 0.07 | 0.06 | 51.9 | 0.2 | <0.05 | 2.6 | 3.67 | 7.4 | <0.02 | <1 | 0.3 | 30.7 | <10 | 5 |
| 2587079 | Drill Core | 0.06 | 0.05 | 74.8 | 0.4 | <0.05 | 0.9 | 4.81 | 7.1 | <0.02 | <1 | 0.4 | 37.6 | <10 | 3 |
| 2587080 | Drill Core | 0.08 | 0.07 | 59.6 | 0.4 | <0.05 | 1.2 | 4.14 | 6.7 | <0.02 | <1 | 0.4 | 31.6 | <10 | 3 |
| 2587081 | Drill Core | 0.12 | 0.08 | 35.3 | 0.4 | <0.05 | 3.4 | 3.80 | 8.6 | <0.02 | <1 | 0.5 | 23.7 | <10 | 5 |
| 2587082 | Drill Core | 0.08 | 0.06 | 34.7 | 0.4 | <0.05 | 2.3 | 4.76 | 10.1 | <0.02 | <1 | 0.5 | 30.8 | <10 | 6 |
| 2587083 | Drill Core | 0.05 | 0.25 | 48.9 | 2.0 | <0.05 | 1.0 | 5.75 | 13.8 | <0.02 | <1 | 0.5 | 19.4 | <10 | <2 |
| 2587084 | Drill Core | 0.10 | 0.06 | 33.7 | 0.3 | <0.05 | 2.7 | 4.23 | 9.3 | <0.02 | <1 | 0.4 | 26.0 | <10 | 3 |
| 2587085 | Drill Core | 0.09 | 0.08 | 34.7 | 0.2 | <0.05 | 2.9 | 3.96 | 9.7 | <0.02 | <1 | 0.5 | 26.2 | <10 | 6 |
| 2587086 | Drill Core | 0.06 | 0.07 | 50.1 | 0.2 | <0.05 | 2.0 | 4.04 | 8.1 | <0.02 | <1 | 0.5 | 28.1 | 12 | 4 |
| 2587087 | Drill Core | 0.06 | 0.06 | 45.2 | 0.2 | <0.05 | 1.8 | 3.59 | 7.5 | <0.02 | <1 | 0.5 | 26.8 | <10 | 3 |
| 2587088 | Drill Core | 0.08 | 0.07 | 35.4 | 0.2 | <0.05 | 2.5 | 4.13 | 9.7 | <0.02 | <1 | 0.5 | 22.7 | <10 | 5 |
| 2587089 | Drill Core | 0.09 | 0.05 | 31.2 | 0.2 | <0.05 | 2.6 | 3.36 | 8.1 | <0.02 | <1 | 0.5 | 26.9 | <10 | 5 |
| 2587090 | Drill Core | 0.08 | 0.08 | 27.2 | 0.2 | <0.05 | 2.6 | 4.13 | 9.1 | <0.02 | <1 | 0.4 | 21.8 | <10 | 6 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587091 | Drill Core | 5.32 | 0.61 | 124.26 | 3.01 | 39.2 | 70 | 45.6 | 17.2 | 585 | 2.59 | 1.3 | 0.5 | 2.5 | 1.2 | 235.1 | 0.07 | 0.12 | <0.02 | 91 | 6.28 |
| 2587092 | Drill Core | 3.75 | 0.51 | 169.48 | 2.90 | 44.3 | 108 | 50.0 | 18.6 | 617 | 2.94 | 1.7 | 0.5 | 1.9 | 1.3 | 188.8 | 0.07 | 0.07 | <0.02 | 109 | 5.26 |
| 2587093 | Drill Core | 4.39 | 1.23 | 129.71 | 4.62 | 67.8 | 129 | 81.1 | 32.2 | 903 | 5.07 | 19.9 | 0.4 | <0.2 | 1.6 | 137.6 | 0.10 | 1.21 | 0.03 | 205 | 4.00 |
| 2587094 | Drill Core | 4.64 | 0.88 | 168.54 | 3.13 | 47.0 | 131 | 60.2 | 23.5 | 667 | 3.43 | 8.6 | 0.5 | 2.3 | 1.7 | 462.7 | 0.05 | 0.15 | <0.02 | 129 | 3.49 |
| 2587095 | Drill Core | 3.10 | 0.59 | 156.30 | 2.21 | 43.9 | 120 | 49.5 | 19.6 | 674 | 2.77 | 2.9 | 0.7 | 2.5 | 1.3 | 185.3 | 0.05 | 0.33 | <0.02 | 101 | 5.11 |
| 2587096 | Drill Core | 4.40 | 0.81 | 152.38 | 2.91 | 51.4 | 147 | 54.9 | 21.2 | 788 | 3.24 | 2.9 | 0.6 | 3.8 | 1.3 | 203.0 | 0.06 | 0.15 | <0.02 | 126 | 5.62 |
| 2587097 | Drill Core | 4.41 | 1.27 | 10.76 | 6.89 | 83.0 | 68 | 7.1 | 6.1 | 781 | 2.99 | 0.4 | 0.6 | 0.6 | 3.1 | 252.5 | 0.08 | 0.10 | 0.05 | 55 | 1.67 |
| 2587098 | Drill Core | 4.52 | 0.28 | 8.05 | 6.66 | 84.5 | 47 | 7.9 | 6.2 | 750 | 2.99 | 0.6 | 0.7 | 0.7 | 3.2 | 252.3 | 0.08 | 0.10 | <0.02 | 47 | 1.70 |
| 2587099 | Drill Core | 4.35 | 0.31 | 11.30 | 6.72 | 82.2 | 78 | 7.6 | 6.5 | 774 | 2.88 | 1.0 | 0.8 | 4.4 | 3.1 | 491.4 | 0.07 | 0.15 | <0.02 | 47 | 1.91 |
| 2587100 | Rock | 1.23 | 0.08 | 0.37 | 0.10 | 0.2 | <2 | <0.1 | <0.1 | 19 | 0.05 | 0.8 | 1.8 | <0.2 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.61 |
| 2587101 | Drill Core | 4.29 | 0.32 | 9.82 | 6.26 | 78.5 | 154 | 6.7 | 5.7 | 763 | 2.94 | 0.8 | 0.7 | 22.0 | 3.1 | 268.7 | 0.10 | 0.16 | 0.03 | 51 | 1.75 |
| 2587102 | Drill Core | 4.00 | 0.64 | 151.49 | 56.53 | 77.0 | 340 | 54.1 | 22.2 | 911 | 3.62 | 4.0 | 1.0 | 5.8 | 1.7 | 219.2 | 0.72 | 0.31 | 0.12 | 141 | 7.21 |
| 2587103 | Drill Core | 4.85 | 1.36 | 152.33 | 2.86 | 49.3 | 134 | 52.6 | 21.0 | 833 | 2.95 | 2.6 | 1.0 | 3.6 | 1.3 | 212.6 | 0.08 | 0.30 | <0.02 | 105 | 7.83 |
| 2587104 | Drill Core | 4.50 | 0.63 | 180.90 | 3.86 | 48.0 | 183 | 59.8 | 24.2 | 670 | 3.11 | 9.0 | 1.0 | 5.5 | 1.7 | 179.9 | 0.07 | 0.42 | 0.03 | 114 | 5.29 |
| 2587105 | Core DUP | | 0.65 | 185.63 | 3.60 | 46.8 | 190 | 60.2 | 24.6 | 667 | 3.12 | 9.1 | 1.0 | 7.3 | 1.7 | 184.3 | 0.06 | 0.48 | 0.02 | 113 | 5.34 |
| 2587106 | Drill Core | 4.40 | 0.44 | 165.43 | 2.73 | 51.3 | 117 | 62.6 | 24.9 | 685 | 3.19 | 1.4 | 0.8 | 3.2 | 1.5 | 184.1 | 0.05 | 0.22 | <0.02 | 113 | 5.01 |
| 2587107 | Drill Core | 4.34 | 0.39 | 151.62 | 3.82 | 61.0 | 135 | 65.7 | 26.9 | 880 | 4.10 | 1.6 | 0.5 | 3.8 | 1.2 | 196.5 | 0.08 | 0.13 | <0.02 | 155 | 6.70 |
| 2587108 | Drill Core | 4.23 | 0.61 | 166.29 | 5.88 | 48.7 | 86 | 66.8 | 26.3 | 658 | 3.34 | 1.6 | 0.5 | 1.5 | 1.4 | 191.4 | 0.04 | 0.16 | <0.02 | 120 | 5.30 |
| 2587109 | Drill Core | 4.26 | 0.49 | 179.86 | 5.03 | 52.6 | 100 | 70.0 | 29.1 | 772 | 3.66 | 4.1 | 0.5 | 2.4 | 1.3 | 213.5 | 0.03 | 0.16 | <0.02 | 134 | 5.96 |
| 2587110 | Rock Pulp | 0.10 | 220.43 | 2609.39 | 49.63 | 282.0 | 3074 | 10.0 | 20.1 | 203 | 3.18 | 24.7 | 6.2 | 245.3 | 11.9 | 47.4 | 2.70 | 6.16 | 4.14 | 43 | 0.92 |
| 2587111 | Drill Core | 2.53 | 0.77 | 163.26 | 4.22 | 54.7 | 93 | 74.5 | 28.8 | 778 | 3.62 | 1.2 | 0.6 | 0.5 | 1.4 | 226.8 | 0.04 | 0.20 | <0.02 | 132 | 6.36 |
| 2587112 | Drill Core | 2.68 | 0.83 | 9.23 | 6.28 | 83.4 | 51 | 5.8 | 5.2 | 453 | 2.35 | 0.2 | 0.7 | <0.2 | 5.4 | 424.7 | 0.05 | 0.13 | 0.13 | 35 | 1.53 |
| 2587113 | Drill Core | 4.61 | 1.92 | 155.37 | 2.97 | 55.9 | 99 | 66.8 | 27.5 | 907 | 3.62 | 3.0 | 0.8 | 4.9 | 1.2 | 191.5 | 0.03 | 0.22 | <0.02 | 134 | 6.51 |
| 2587114 | Drill Core | 4.15 | 0.55 | 151.22 | 4.00 | 60.2 | 84 | 74.8 | 30.6 | 922 | 4.23 | 5.8 | 0.6 | 2.5 | 1.5 | 226.7 | 0.03 | 0.42 | <0.02 | 169 | 5.99 |
| 2587115 | Drill Core | 2.20 | 0.54 | 122.82 | 4.14 | 54.3 | 119 | 69.6 | 29.3 | 987 | 4.32 | 1.9 | 0.4 | 3.2 | 1.5 | 231.2 | 0.04 | 0.16 | <0.02 | 199 | 8.00 |
| 2587116 | Drill Core | 4.24 | 0.88 | 132.53 | 5.21 | 54.3 | 211 | 62.1 | 25.9 | 1055 | 4.08 | 4.0 | 0.9 | 5.8 | 2.0 | 264.2 | 0.07 | 0.23 | 0.03 | 176 | 8.86 |
| 2587117 | Drill Core | 4.74 | 0.56 | 150.05 | 2.88 | 59.7 | 80 | 69.9 | 28.4 | 1062 | 4.31 | 1.1 | 0.7 | 2.0 | 1.3 | 244.2 | 0.04 | 0.60 | <0.02 | 189 | 7.02 |
| 2587118 | Drill Core | 4.74 | 0.35 | 163.56 | 3.92 | 59.4 | 158 | 72.0 | 30.7 | 1013 | 4.73 | 1.3 | 0.4 | 4.9 | 1.5 | 207.4 | 0.04 | 0.44 | <0.02 | 192 | 5.90 |
| 2587119 | Drill Core | 4.26 | 0.25 | 152.27 | 3.53 | 58.6 | 188 | 71.4 | 29.1 | 1022 | 4.49 | 0.8 | 0.6 | 6.6 | 1.9 | 196.6 | 0.05 | 0.31 | <0.02 | 191 | 7.07 |
| 2587120 | Drill Core | 4.16 | 0.20 | 146.01 | 2.75 | 61.1 | 225 | 72.7 | 29.3 | 976 | 4.54 | 1.2 | 0.5 | 7.0 | 1.8 | 174.9 | 0.04 | 0.26 | <0.02 | 190 | 5.20 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587091 | Drill Core | 0.195 | 4.9 | 126.6 | 1.35 | 58.8 | 0.149 | 4 | 1.72 | 0.097 | 0.94 | 0.2 | 4.3 | 0.06 | 0.03 | <5 | <0.1 | <0.02 | 5.4 | 5.33 | 0.1 |
| 2587092 | Drill Core | 0.194 | 4.7 | 155.7 | 1.40 | 174.3 | 0.171 | 2 | 1.94 | 0.111 | 1.45 | 0.2 | 3.5 | 0.09 | 0.04 | <5 | 0.2 | <0.02 | 5.9 | 5.46 | 0.1 |
| 2587093 | Drill Core | 0.181 | 6.4 | 278.2 | 2.88 | 948.1 | 0.276 | <1 | 3.47 | 0.083 | 2.71 | 0.3 | 8.8 | 0.26 | 0.21 | 5 | 0.2 | 0.04 | 11.7 | 11.75 | 0.2 |
| 2587094 | Drill Core | 0.217 | 8.0 | 169.3 | 2.04 | 194.5 | 0.206 | 1 | 2.71 | 0.129 | 2.00 | 0.3 | 4.9 | 0.15 | 0.06 | <5 | <0.1 | <0.02 | 8.6 | 6.49 | 0.1 |
| 2587095 | Drill Core | 0.208 | 6.7 | 140.6 | 1.63 | 67.1 | 0.180 | 2 | 1.94 | 0.092 | 1.51 | 0.2 | 4.2 | 0.12 | 0.04 | <5 | <0.1 | <0.02 | 5.7 | 5.83 | 0.1 |
| 2587096 | Drill Core | 0.213 | 6.0 | 151.9 | 2.03 | 94.3 | 0.198 | 1 | 2.37 | 0.059 | 1.98 | 0.3 | 4.6 | 0.18 | 0.05 | <5 | <0.1 | <0.02 | 6.5 | 4.78 | 0.1 |
| 2587097 | Drill Core | 0.101 | 11.5 | 19.1 | 0.86 | 298.1 | 0.183 | <1 | 2.38 | 0.192 | 1.24 | 0.1 | 6.7 | 0.40 | 0.08 | <5 | 0.2 | <0.02 | 10.6 | 2.23 | 0.1 |
| 2587098 | Drill Core | 0.101 | 12.4 | 13.9 | 0.87 | 204.1 | 0.167 | 1 | 2.02 | 0.102 | 0.93 | 0.2 | 5.4 | 0.30 | 0.04 | <5 | <0.1 | <0.02 | 9.0 | 1.42 | 0.1 |
| 2587099 | Drill Core | 0.105 | 12.4 | 17.1 | 0.86 | 162.5 | 0.157 | 1 | 2.23 | 0.133 | 0.89 | 0.2 | 5.0 | 0.29 | 0.09 | <5 | 0.2 | 0.03 | 9.5 | 1.55 | 0.1 |
| 2587100 | Rock | 0.004 | <0.5 | <0.5 | 1.23 | 4.7 | 0.002 | <1 | 0.10 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.08 | <5 | <0.1 | 0.10 | <0.1 | <0.02 | <0.1 |
| 2587101 | Drill Core | 0.100 | 11.5 | 16.2 | 0.87 | 186.1 | 0.153 | <1 | 2.18 | 0.120 | 1.07 | 0.2 | 5.2 | 0.32 | 0.11 | <5 | <0.1 | 0.07 | 9.2 | 1.64 | <0.1 |
| 2587102 | Drill Core | 0.204 | 6.9 | 162.6 | 2.15 | 154.2 | 0.164 | <1 | 2.65 | 0.035 | 1.73 | 0.3 | 7.8 | 0.23 | 0.11 | <5 | 0.1 | 0.17 | 7.7 | 2.99 | <0.1 |
| 2587103 | Drill Core | 0.198 | 5.6 | 132.5 | 1.76 | 73.9 | 0.187 | 2 | 2.15 | 0.064 | 1.65 | 0.3 | 4.4 | 0.12 | 0.06 | 5 | <0.1 | <0.02 | 5.8 | 1.72 | 0.1 |
| 2587104 | Drill Core | 0.213 | 8.0 | 147.5 | 1.90 | 46.3 | 0.183 | 3 | 2.10 | 0.044 | 1.16 | 0.3 | 5.1 | 0.09 | 0.10 | 8 | <0.1 | <0.02 | 6.2 | 1.54 | <0.1 |
| 2587105 | Core DUP | 0.206 | 7.9 | 150.2 | 1.89 | 47.1 | 0.177 | 2 | 2.08 | 0.044 | 1.15 | 0.4 | 5.4 | 0.07 | 0.10 | 8 | <0.1 | <0.02 | 6.0 | 1.56 | 0.1 |
| 2587106 | Drill Core | 0.206 | 7.0 | 145.2 | 1.96 | 63.7 | 0.192 | 3 | 2.18 | 0.060 | 1.63 | 0.3 | 3.9 | 0.13 | 0.04 | 6 | <0.1 | <0.02 | 6.2 | 1.72 | 0.1 |
| 2587107 | Drill Core | 0.209 | 5.7 | 168.2 | 2.55 | 112.4 | 0.215 | 2 | 2.84 | 0.038 | 2.52 | 0.3 | 6.6 | 0.16 | 0.05 | 10 | <0.1 | <0.02 | 7.2 | 2.41 | 0.3 |
| 2587108 | Drill Core | 0.193 | 6.3 | 156.9 | 1.78 | 98.9 | 0.182 | 2 | 2.06 | 0.058 | 1.63 | 0.3 | 3.9 | 0.09 | 0.04 | 5 | <0.1 | <0.02 | 5.7 | 1.44 | 0.1 |
| 2587109 | Drill Core | 0.198 | 6.0 | 171.6 | 2.03 | 103.0 | 0.212 | 2 | 2.40 | 0.079 | 1.82 | 0.3 | 5.7 | 0.12 | 0.09 | 17 | <0.1 | <0.02 | 6.7 | 1.87 | 0.1 |
| 2587110 | Rock Pulp | 0.052 | 23.7 | 78.8 | 0.65 | 43.2 | 0.046 | 2 | 1.47 | 0.033 | 0.60 | 3.5 | 5.1 | 0.41 | 1.99 | 70 | 2.7 | 0.30 | 4.0 | 2.38 | <0.1 |
| 2587111 | Drill Core | 0.201 | 5.9 | 170.2 | 2.08 | 108.6 | 0.207 | 3 | 2.44 | 0.065 | 1.80 | 0.3 | 5.6 | 0.19 | 0.03 | <5 | <0.1 | <0.02 | 6.5 | 1.97 | 0.1 |
| 2587112 | Drill Core | 0.073 | 9.2 | 14.4 | 0.68 | 105.4 | 0.143 | <1 | 1.75 | 0.118 | 0.94 | 0.2 | 2.3 | 0.29 | 0.09 | <5 | <0.1 | <0.02 | 7.9 | 1.81 | <0.1 |
| 2587113 | Drill Core | 0.196 | 5.6 | 171.1 | 2.31 | 131.1 | 0.199 | 2 | 2.59 | 0.042 | 2.01 | 0.3 | 5.1 | 0.18 | 0.05 | 7 | <0.1 | <0.02 | 6.4 | 2.16 | 0.1 |
| 2587114 | Drill Core | 0.196 | 7.1 | 199.7 | 2.73 | 146.4 | 0.201 | 2 | 2.97 | 0.039 | 2.12 | 0.2 | 9.4 | 0.14 | 0.09 | 31 | <0.1 | <0.02 | 8.1 | 2.32 | 0.2 |
| 2587115 | Drill Core | 0.181 | 6.6 | 192.2 | 2.90 | 437.1 | 0.217 | 1 | 3.54 | 0.047 | 2.83 | 0.2 | 12.4 | 0.20 | 0.03 | 6 | <0.1 | <0.02 | 10.5 | 3.14 | 0.2 |
| 2587116 | Drill Core | 0.192 | 7.4 | 193.5 | 2.34 | 311.9 | 0.198 | 1 | 3.05 | 0.055 | 2.12 | 0.2 | 13.1 | 0.17 | 0.15 | 6 | <0.1 | 0.03 | 8.8 | 2.47 | 0.1 |
| 2587117 | Drill Core | 0.198 | 5.4 | 201.6 | 2.81 | 207.4 | 0.236 | <1 | 3.35 | 0.051 | 3.00 | 0.2 | 11.7 | 0.18 | <0.02 | <5 | <0.1 | <0.02 | 9.0 | 3.12 | 0.2 |
| 2587118 | Drill Core | 0.192 | 5.8 | 205.0 | 3.15 | 600.4 | 0.232 | <1 | 3.56 | 0.054 | 2.98 | 0.2 | 13.8 | 0.17 | 0.02 | <5 | <0.1 | <0.02 | 9.7 | 3.64 | 0.2 |
| 2587119 | Drill Core | 0.191 | 7.5 | 196.7 | 2.96 | 368.4 | 0.211 | 1 | 3.40 | 0.040 | 2.73 | 0.2 | 13.3 | 0.17 | 0.03 | 7 | <0.1 | <0.02 | 9.9 | 2.64 | 0.2 |
| 2587120 | Drill Core | 0.195 | 7.4 | 199.0 | 3.18 | 391.7 | 0.218 | 1 | 3.55 | 0.042 | 2.87 | 0.2 | 13.8 | 0.22 | 0.04 | <5 | <0.1 | 0.04 | 9.4 | 2.53 | 0.2 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587091 | Drill Core | 0.11 | 0.10 | 28.8 | 0.2 | <0.05 | 3.3 | 3.84 | 9.1 | <0.02 | <1 | 0.5 | 17.9 | 13 | 4 |
| 2587092 | Drill Core | 0.07 | 0.07 | 35.5 | 0.2 | <0.05 | 1.8 | 4.01 | 8.9 | <0.02 | <1 | 0.2 | 20.0 | <10 | 2 |
| 2587093 | Drill Core | 0.04 | 0.14 | 61.9 | 0.4 | <0.05 | 1.6 | 7.42 | 11.5 | 0.03 | 1 | 0.3 | 27.4 | <10 | 4 |
| 2587094 | Drill Core | 0.06 | 0.09 | 57.1 | 0.3 | <0.05 | 1.8 | 6.22 | 14.5 | <0.02 | <1 | 0.2 | 21.8 | 10 | 6 |
| 2587095 | Drill Core | 0.08 | 0.13 | 54.1 | 0.2 | <0.05 | 2.2 | 4.68 | 12.3 | <0.02 | <1 | 0.3 | 20.9 | <10 | 4 |
| 2587096 | Drill Core | 0.07 | 0.06 | 64.5 | 0.3 | <0.05 | 1.7 | 4.46 | 11.4 | <0.02 | <1 | 0.6 | 26.3 | 10 | 6 |
| 2587097 | Drill Core | 0.07 | 0.32 | 63.8 | 1.3 | <0.05 | 2.3 | 7.28 | 22.6 | 0.03 | 1 | 0.3 | 17.1 | <10 | <2 |
| 2587098 | Drill Core | 0.06 | 0.33 | 45.7 | 1.0 | <0.05 | 2.3 | 7.84 | 24.8 | <0.02 | <1 | 0.3 | 16.8 | <10 | <2 |
| 2587099 | Drill Core | 0.07 | 0.33 | 48.2 | 1.1 | <0.05 | 3.0 | 7.97 | 24.6 | 0.03 | <1 | 0.4 | 15.1 | <10 | <2 |
| 2587100 | Rock | <0.02 | 0.04 | <0.1 | <0.1 | <0.05 | 0.3 | 0.28 | 0.3 | <0.02 | 2 | <0.1 | 0.3 | <10 | <2 |
| 2587101 | Drill Core | 0.05 | 0.27 | 52.1 | 1.1 | <0.05 | 1.3 | 7.55 | 23.2 | <0.02 | <1 | 0.4 | 18.8 | <10 | <2 |
| 2587102 | Drill Core | 0.06 | 0.03 | 55.4 | 0.4 | <0.05 | 1.9 | 5.79 | 13.2 | <0.02 | <1 | 0.6 | 24.4 | <10 | 4 |
| 2587103 | Drill Core | 0.08 | 0.12 | 52.5 | 0.2 | <0.05 | 3.0 | 4.01 | 10.6 | <0.02 | <1 | 0.4 | 22.4 | <10 | 4 |
| 2587104 | Drill Core | 0.14 | 0.05 | 42.4 | 0.3 | <0.05 | 3.4 | 5.27 | 14.5 | <0.02 | <1 | 0.5 | 22.8 | <10 | 5 |
| 2587105 | Core DUP | 0.12 | 0.05 | 42.2 | 0.3 | <0.05 | 3.4 | 5.39 | 14.4 | <0.02 | <1 | 0.4 | 21.3 | <10 | 4 |
| 2587106 | Drill Core | 0.06 | 0.05 | 49.4 | 0.2 | <0.05 | 2.1 | 4.76 | 12.4 | <0.02 | <1 | 0.4 | 23.7 | <10 | 4 |
| 2587107 | Drill Core | 0.04 | 0.05 | 60.3 | 0.2 | <0.05 | 1.1 | 4.62 | 10.6 | <0.02 | <1 | 0.6 | 27.1 | <10 | 5 |
| 2587108 | Drill Core | 0.07 | 0.05 | 39.1 | 4.3 | <0.05 | 2.2 | 4.29 | 11.5 | <0.02 | <1 | 0.3 | 19.6 | <10 | 4 |
| 2587109 | Drill Core | 0.07 | 0.05 | 45.7 | 4.5 | <0.05 | 2.0 | 4.40 | 11.0 | <0.02 | <1 | 0.5 | 26.1 | <10 | 5 |
| 2587110 | Rock Pulp | 0.14 | 0.08 | 40.8 | 1.4 | <0.05 | 3.6 | 9.15 | 39.9 | 0.07 | 42 | 0.5 | 5.9 | <10 | <2 |
| 2587111 | Drill Core | 0.08 | 0.06 | 53.0 | 0.3 | <0.05 | 2.6 | 4.43 | 11.1 | <0.02 | <1 | 0.5 | 28.2 | <10 | 4 |
| 2587112 | Drill Core | 0.04 | 0.37 | 53.7 | 0.8 | <0.05 | 0.9 | 2.89 | 18.0 | 0.02 | <1 | 0.3 | 17.2 | <10 | <2 |
| 2587113 | Drill Core | 0.06 | 0.05 | 55.5 | 0.2 | <0.05 | 1.9 | 4.33 | 10.4 | <0.02 | <1 | 0.3 | 26.9 | <10 | 4 |
| 2587114 | Drill Core | 0.07 | 0.04 | 52.8 | 0.3 | <0.05 | 1.9 | 5.61 | 12.6 | <0.02 | <1 | 0.7 | 27.4 | <10 | 5 |
| 2587115 | Drill Core | 0.03 | 0.03 | 64.7 | 0.4 | <0.05 | 1.2 | 6.07 | 12.2 | 0.02 | 1 | 0.4 | 26.8 | 12 | 4 |
| 2587116 | Drill Core | 0.08 | 0.05 | 51.2 | 0.4 | <0.05 | 3.2 | 7.42 | 13.6 | 0.02 | <1 | 0.5 | 24.3 | 11 | 5 |
| 2587117 | Drill Core | 0.06 | 0.04 | 72.5 | 0.4 | <0.05 | 1.9 | 5.27 | 10.0 | <0.02 | <1 | 0.3 | 31.6 | 11 | 4 |
| 2587118 | Drill Core | 0.03 | 0.04 | 63.4 | 0.5 | <0.05 | 1.5 | 6.50 | 10.8 | 0.03 | <1 | 0.5 | 30.7 | 13 | 4 |
| 2587119 | Drill Core | 0.05 | 0.03 | 55.0 | 0.5 | <0.05 | 2.1 | 7.89 | 14.0 | <0.02 | <1 | 0.4 | 25.8 | 11 | 3 |
| 2587120 | Drill Core | 0.05 | 0.03 | 65.2 | 0.4 | <0.05 | 2.2 | 7.48 | 13.5 | 0.02 | <1 | 0.5 | 27.0 | <10 | 4 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587121 | Drill Core | 4.39 | 0.48 | 183.91 | 4.39 | 62.5 | 587 | 74.0 | 31.4 | 1001 | 4.66 | 2.9 | 0.5 | 23.2 | 1.8 | 222.6 | 0.17 | 0.14 | 0.04 | 191 | 6.24 |
| 2587122 | Drill Core | 4.90 | 0.67 | 141.32 | 3.43 | 59.7 | 430 | 68.9 | 28.2 | 995 | 4.35 | 1.1 | 0.4 | 14.9 | 1.8 | 201.1 | 0.17 | 0.13 | 0.05 | 182 | 6.30 |
| 2587123 | Drill Core | 4.49 | 0.38 | 191.59 | 4.42 | 51.9 | 504 | 73.5 | 31.2 | 1022 | 4.67 | 1.0 | 0.3 | 15.6 | 1.6 | 237.2 | 0.14 | 0.16 | 0.05 | 184 | 6.87 |
| 2587124 | Drill Core | 2.05 | 0.87 | 136.73 | 7.39 | 60.5 | 293 | 53.3 | 24.2 | 1001 | 4.06 | 5.0 | 0.5 | 4.8 | 1.7 | 341.6 | 0.13 | 0.43 | 0.10 | 190 | 7.09 |
| 2587125 | Drill Core | 1.88 | 0.79 | 138.10 | 7.02 | 59.8 | 291 | 59.4 | 26.6 | 936 | 4.33 | 4.8 | 0.5 | 4.7 | 1.8 | 324.6 | 0.13 | 0.32 | 0.11 | 182 | 6.32 |
| 2587126 | Drill Core | 2.73 | 0.36 | 141.17 | 5.80 | 63.2 | 317 | 65.1 | 26.1 | 996 | 4.27 | 1.9 | 0.4 | 11.7 | 1.8 | 365.0 | 0.24 | 0.27 | 0.09 | 190 | 7.22 |
| 2587127 | Drill Core | 3.48 | 0.33 | 6.77 | 8.65 | 76.5 | 52 | 5.8 | 5.3 | 441 | 2.45 | 1.4 | 1.2 | 6.4 | 7.3 | 262.9 | 0.05 | 0.26 | 0.04 | 34 | 1.76 |
| 2587128 | Drill Core | 3.87 | 0.25 | 9.64 | 9.64 | 75.5 | 63 | 5.5 | 5.5 | 496 | 2.37 | 1.1 | 1.5 | 3.0 | 7.7 | 206.6 | 0.05 | 0.18 | 0.03 | 32 | 2.55 |
| 2587129 | Drill Core | 6.15 | 0.33 | 10.61 | 16.41 | 81.1 | 57 | 5.3 | 5.2 | 448 | 2.35 | 0.6 | 1.6 | 2.2 | 7.8 | 321.6 | 0.08 | 0.18 | 0.03 | 30 | 2.09 |
| 2587130 | Drill Core | 3.93 | 0.42 | 8.59 | 9.06 | 82.0 | 43 | 5.8 | 5.4 | 497 | 2.37 | 0.3 | 1.5 | 1.1 | 7.9 | 418.3 | 0.04 | 0.15 | 0.04 | 32 | 2.11 |
| 2587131 | Drill Core | 2.42 | 0.27 | 9.16 | 10.37 | 83.3 | 96 | 4.2 | 4.2 | 577 | 2.47 | 1.0 | 1.6 | 0.4 | 8.9 | 175.8 | 0.05 | 0.14 | 0.07 | 28 | 1.52 |
| 2587132 | Drill Core | 3.64 | 0.44 | 9.91 | 12.26 | 82.4 | 72 | 4.2 | 4.2 | 578 | 2.38 | 1.2 | 1.8 | 0.4 | 8.9 | 258.2 | 0.07 | 0.21 | 0.14 | 27 | 1.95 |
| 2587133 | Drill Core | 3.60 | 0.41 | 8.56 | 9.50 | 84.7 | 54 | 5.7 | 5.2 | 460 | 2.39 | 0.8 | 1.6 | 1.0 | 7.9 | 319.0 | 0.06 | 0.15 | 0.09 | 35 | 1.82 |
| 2587134 | Drill Core | 4.11 | 0.33 | 10.53 | 8.00 | 75.8 | 36 | 6.6 | 5.4 | 480 | 2.55 | 1.4 | 1.4 | 0.9 | 8.0 | 284.1 | 0.03 | 0.09 | 0.05 | 37 | 1.63 |
| 2587135 | Drill Core | 4.68 | 0.37 | 11.50 | 8.16 | 83.3 | 59 | 5.9 | 5.2 | 449 | 2.50 | 0.8 | 1.2 | <0.2 | 7.5 | 256.7 | 0.04 | 0.13 | 0.10 | 39 | 1.54 |
| 2587136 | Drill Core | 2.82 | 0.98 | 16.93 | 5.96 | 82.0 | 53 | 6.4 | 5.3 | 449 | 2.56 | 0.5 | 1.1 | 2.0 | 7.6 | 169.5 | 0.03 | 0.09 | 0.11 | 40 | 1.33 |
| 2587137 | Drill Core | 2.61 | 1.03 | 139.30 | 4.50 | 55.6 | 155 | 69.8 | 28.6 | 1048 | 4.42 | 0.6 | 0.3 | 5.4 | 1.5 | 317.3 | 0.15 | 0.18 | 0.09 | 190 | 6.48 |
| 2587138 | Drill Core | 3.28 | 0.32 | 10.20 | 6.71 | 81.2 | 50 | 6.8 | 5.1 | 861 | 2.67 | 0.4 | 0.7 | 0.8 | 3.7 | 131.8 | 0.06 | 0.15 | 0.08 | 35 | 1.81 |
| 2587139 | Drill Core | 3.40 | 0.30 | 9.29 | 8.98 | 80.8 | 49 | 6.5 | 4.3 | 912 | 2.68 | 1.0 | 0.7 | <0.2 | 3.1 | 253.4 | 0.06 | 0.18 | 0.12 | 30 | 2.31 |
| 2587140 | Rock | 1.33 | 0.06 | 0.72 | 0.13 | 0.9 | 7 | 1.2 | 0.4 | 24 | 0.05 | 0.7 | 1.4 | 12.3 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.36 |
| 2587141 | Drill Core | 3.59 | 0.35 | 16.24 | 8.11 | 79.0 | 86 | 6.8 | 4.7 | 892 | 2.87 | 1.9 | 0.6 | 6.7 | 4.0 | 288.0 | 0.05 | 0.15 | 0.19 | 36 | 2.04 |
| 2587142 | Drill Core | 3.49 | 0.26 | 8.42 | 9.52 | 90.6 | 53 | 6.9 | 4.4 | 874 | 2.71 | 1.2 | 0.6 | 0.5 | 3.0 | 203.8 | 0.06 | 0.13 | 0.08 | 29 | 1.40 |
| 2587143 | Drill Core | 2.86 | 0.31 | 10.03 | 4.91 | 74.0 | 58 | 6.6 | 4.7 | 886 | 2.80 | 0.6 | 0.5 | 1.4 | 3.5 | 124.7 | 0.06 | 0.14 | 0.15 | 34 | 1.46 |
| 2587144 | Drill Core | 1.45 | 1.10 | 159.80 | 4.24 | 63.8 | 235 | 74.9 | 29.8 | 1068 | 5.11 | 0.6 | 0.3 | 6.7 | 1.3 | 325.4 | 0.16 | 0.16 | 0.23 | 195 | 5.52 |
| 2587145 | Core DUP | | 1.12 | 160.71 | 4.35 | 65.2 | 244 | 76.8 | 30.7 | 1083 | 5.15 | 0.9 | 0.3 | 6.9 | 1.3 | 342.8 | 0.18 | 0.17 | 0.23 | 196 | 5.66 |
| 2587146 | Drill Core | 1.97 | 0.81 | 23.88 | 4.69 | 62.4 | 86 | 6.4 | 5.3 | 523 | 2.32 | 1.9 | 1.0 | 6.0 | 6.8 | 126.3 | 0.06 | 0.23 | 0.29 | 27 | 1.49 |
| 2587147 | Drill Core | 3.89 | 0.34 | 152.34 | 3.29 | 69.4 | 144 | 73.8 | 30.0 | 1081 | 5.08 | 0.9 | 0.3 | 6.7 | 1.0 | 178.5 | 0.06 | 0.13 | 0.03 | 198 | 4.11 |
| 2587148 | Drill Core | 3.95 | 0.25 | 159.06 | 3.03 | 65.5 | 94 | 75.6 | 29.9 | 1091 | 4.80 | 1.7 | 0.3 | 2.3 | 1.0 | 204.3 | 0.05 | 0.23 | <0.02 | 183 | 4.78 |
| 2587149 | Drill Core | 3.75 | 0.50 | 180.78 | 2.39 | 59.6 | 64 | 73.4 | 28.9 | 856 | 4.24 | 2.1 | 0.4 | 2.3 | 1.3 | 157.6 | 0.02 | 0.31 | <0.02 | 145 | 3.32 |
| 2587150 | Rock Pulp | 0.08 | 251.53 | 4867.76 | 4.43 | 51.7 | 662 | 36.0 | 11.6 | 511 | 3.75 | 6.2 | 0.3 | 452.6 | 1.0 | 43.8 | 0.31 | 0.87 | 0.12 | 66 | 0.92 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587121 | Drill Core | 0.196 | 7.6 | 207.2 | 2.87 | 390.0 | 0.246 | <1 | 3.44 | 0.072 | 2.78 | 0.3 | 14.9 | 0.38 | 0.30 | <5 | <0.1 | 0.07 | 9.5 | 4.11 | 0.3 |
| 2587122 | Drill Core | 0.188 | 6.4 | 203.9 | 2.91 | 438.6 | 0.233 | <1 | 3.52 | 0.117 | 2.78 | 0.3 | 15.2 | 0.39 | 0.20 | <5 | <0.1 | 0.03 | 9.1 | 3.42 | 0.2 |
| 2587123 | Drill Core | 0.175 | 6.1 | 195.1 | 2.96 | 452.2 | 0.238 | <1 | 3.37 | 0.098 | 2.66 | 0.2 | 14.1 | 0.43 | 0.26 | <5 | <0.1 | 0.06 | 9.4 | 3.67 | 0.3 |
| 2587124 | Drill Core | 0.163 | 6.1 | 189.3 | 2.40 | 324.3 | 0.196 | <1 | 2.81 | 0.079 | 1.79 | 0.4 | 13.1 | 0.46 | 0.25 | 11 | <0.1 | 0.06 | 9.4 | 4.26 | 0.2 |
| 2587125 | Drill Core | 0.171 | 6.3 | 193.1 | 2.42 | 341.8 | 0.200 | <1 | 2.84 | 0.089 | 1.74 | 0.3 | 13.7 | 0.45 | 0.26 | 8 | <0.1 | 0.05 | 9.6 | 4.11 | 0.2 |
| 2587126 | Drill Core | 0.175 | 6.7 | 191.9 | 2.49 | 424.2 | 0.210 | <1 | 2.88 | 0.081 | 1.84 | 0.4 | 11.8 | 0.52 | 0.19 | <5 | <0.1 | 0.04 | 10.2 | 4.60 | 0.2 |
| 2587127 | Drill Core | 0.077 | 14.1 | 10.0 | 0.67 | 55.2 | 0.118 | 1 | 1.85 | 0.163 | 0.49 | 0.2 | 2.7 | 0.26 | 0.13 | 6 | <0.1 | 0.02 | 8.3 | 1.27 | <0.1 |
| 2587128 | Drill Core | 0.073 | 19.5 | 11.1 | 0.68 | 39.4 | 0.064 | <1 | 1.89 | 0.088 | 0.46 | 0.2 | 2.6 | 0.22 | 0.12 | 7 | <0.1 | 0.03 | 8.9 | 1.92 | <0.1 |
| 2587129 | Drill Core | 0.074 | 17.0 | 9.1 | 0.62 | 63.5 | 0.089 | 1 | 1.73 | 0.114 | 0.55 | 0.1 | 2.6 | 0.24 | 0.12 | <5 | <0.1 | 0.05 | 7.7 | 1.59 | <0.1 |
| 2587130 | Drill Core | 0.074 | 15.4 | 15.6 | 0.64 | 76.0 | 0.123 | 1 | 2.00 | 0.175 | 0.62 | <0.1 | 2.9 | 0.28 | 0.09 | <5 | <0.1 | 0.03 | 8.3 | 1.30 | <0.1 |
| 2587131 | Drill Core | 0.067 | 17.8 | 6.8 | 0.54 | 80.9 | 0.128 | 1 | 1.80 | 0.184 | 0.68 | 0.2 | 3.4 | 0.37 | 0.08 | <5 | <0.1 | <0.02 | 8.3 | 1.74 | <0.1 |
| 2587132 | Drill Core | 0.068 | 20.6 | 10.9 | 0.55 | 69.7 | 0.087 | 1 | 1.71 | 0.106 | 0.54 | 0.1 | 3.0 | 0.27 | 0.09 | 9 | <0.1 | <0.02 | 8.0 | 1.52 | <0.1 |
| 2587133 | Drill Core | 0.076 | 14.1 | 10.3 | 0.64 | 85.5 | 0.139 | 1 | 2.06 | 0.220 | 0.77 | 0.1 | 3.2 | 0.35 | 0.08 | <5 | <0.1 | <0.02 | 8.9 | 1.77 | <0.1 |
| 2587134 | Drill Core | 0.077 | 13.6 | 21.1 | 0.67 | 72.3 | 0.148 | 2 | 2.09 | 0.234 | 0.70 | 0.1 | 3.4 | 0.31 | 0.08 | <5 | <0.1 | 0.02 | 9.1 | 1.43 | <0.1 |
| 2587135 | Drill Core | 0.074 | 11.9 | 10.6 | 0.66 | 91.0 | 0.147 | 1 | 2.35 | 0.298 | 0.96 | 0.1 | 3.6 | 0.42 | 0.12 | <5 | <0.1 | 0.03 | 10.2 | 1.87 | <0.1 |
| 2587136 | Drill Core | 0.076 | 13.1 | 22.7 | 0.69 | 85.9 | 0.153 | 1 | 2.23 | 0.273 | 1.00 | 0.1 | 3.8 | 0.45 | 0.12 | <5 | <0.1 | 0.04 | 10.0 | 2.14 | 0.1 |
| 2587137 | Drill Core | 0.179 | 5.3 | 201.9 | 3.03 | 799.0 | 0.234 | <1 | 3.33 | 0.102 | 2.67 | 0.3 | 12.6 | 0.64 | 0.05 | <5 | <0.1 | 0.02 | 9.7 | 7.40 | 0.3 |
| 2587138 | Drill Core | 0.084 | 11.5 | 20.8 | 0.72 | 84.6 | 0.161 | 1 | 1.82 | 0.126 | 0.65 | 0.1 | 4.6 | 0.28 | 0.08 | 8 | 0.1 | <0.02 | 8.4 | 1.45 | <0.1 |
| 2587139 | Drill Core | 0.092 | 12.1 | 10.1 | 0.73 | 94.8 | 0.121 | <1 | 1.76 | 0.085 | 0.65 | 0.1 | 3.6 | 0.24 | 0.07 | 13 | <0.1 | 0.03 | 7.4 | 1.31 | <0.1 |
| 2587140 | Rock | 0.005 | <0.5 | 1.5 | 1.29 | 11.6 | 0.011 | <1 | 0.06 | 0.004 | <0.01 | <0.1 | 0.4 | <0.02 | 0.13 | <5 | <0.1 | 0.28 | 0.1 | <0.02 | <0.1 |
| 2587141 | Drill Core | 0.088 | 9.3 | 10.4 | 0.71 | 80.7 | 0.152 | <1 | 2.16 | 0.184 | 0.79 | 0.3 | 4.8 | 0.31 | 0.21 | 7 | <0.1 | 0.08 | 8.8 | 1.69 | <0.1 |
| 2587142 | Drill Core | 0.097 | 10.8 | 16.6 | 0.73 | 64.6 | 0.140 | 1 | 1.73 | 0.118 | 0.49 | 0.2 | 3.2 | 0.19 | 0.06 | <5 | <0.1 | 0.03 | 7.8 | 0.81 | <0.1 |
| 2587143 | Drill Core | 0.098 | 9.0 | 10.6 | 0.74 | 85.0 | 0.159 | 1 | 1.84 | 0.149 | 0.75 | 0.2 | 4.4 | 0.29 | 0.10 | <5 | <0.1 | 0.07 | 8.0 | 1.25 | 0.1 |
| 2587144 | Drill Core | 0.212 | 4.1 | 199.7 | 3.57 | 935.0 | 0.258 | 1 | 4.29 | 0.161 | 3.37 | 0.3 | 14.7 | 0.57 | 0.04 | <5 | <0.1 | 0.03 | 11.1 | 6.66 | 0.5 |
| 2587145 | Core DUP | 0.212 | 4.2 | 207.9 | 3.58 | 941.3 | 0.261 | <1 | 4.33 | 0.164 | 3.38 | 0.3 | 15.6 | 0.59 | 0.04 | <5 | <0.1 | 0.05 | 11.2 | 6.76 | 0.3 |
| 2587146 | Drill Core | 0.082 | 17.0 | 11.7 | 0.73 | 57.8 | 0.077 | <1 | 1.51 | 0.070 | 0.36 | 0.3 | 2.1 | 0.14 | 0.31 | <5 | <0.1 | 0.04 | 7.0 | 1.02 | <0.1 |
| 2587147 | Drill Core | 0.222 | 4.4 | 202.3 | 3.92 | 998.7 | 0.253 | <1 | 4.09 | 0.061 | 3.64 | 0.2 | 13.5 | 0.36 | <0.02 | <5 | <0.1 | 0.02 | 10.9 | 5.94 | 0.3 |
| 2587148 | Drill Core | 0.213 | 5.0 | 197.9 | 3.83 | 778.9 | 0.240 | <1 | 3.77 | 0.043 | 3.23 | 0.1 | 6.6 | 0.24 | <0.02 | <5 | <0.1 | <0.02 | 9.7 | 5.61 | 0.2 |
| 2587149 | Drill Core | 0.229 | 6.7 | 178.5 | 3.24 | 228.5 | 0.236 | 1 | 3.14 | 0.056 | 2.48 | 0.1 | 6.6 | 0.18 | 0.03 | <5 | <0.1 | <0.02 | 8.1 | 3.77 | 0.2 |
| 2587150 | Rock Pulp | 0.061 | 4.4 | 36.7 | 0.87 | 107.1 | 0.150 | 4 | 1.82 | 0.117 | 0.16 | 0.3 | 5.6 | 0.07 | 0.67 | 37 | 0.6 | 0.07 | 5.9 | 0.46 | 0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS    VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587121 | Drill Core | 0.07 | 0.05 | 79.4 | 0.5 | <0.05 | 2.9 | 7.94 | 14.1 | 0.02 | <1 | 0.3 | 21.0 | <10 | 4 |
| 2587122 | Drill Core | 0.06 | 0.06 | 75.4 | 0.5 | <0.05 | 2.4 | 7.40 | 12.3 | 0.02 | <1 | 0.3 | 18.8 | <10 | 3 |
| 2587123 | Drill Core | 0.08 | 0.08 | 75.5 | 0.4 | <0.05 | 3.1 | 7.58 | 11.6 | 0.03 | 1 | 0.3 | 21.6 | <10 | 4 |
| 2587124 | Drill Core | 0.07 | 0.05 | 68.2 | 0.5 | <0.05 | 2.6 | 6.98 | 11.8 | 0.03 | <1 | 0.4 | 17.9 | 13 | 5 |
| 2587125 | Drill Core | 0.08 | 0.07 | 67.1 | 0.4 | <0.05 | 3.0 | 7.32 | 12.2 | 0.03 | <1 | 0.6 | 19.5 | <10 | 5 |
| 2587126 | Drill Core | 0.06 | 0.07 | 75.9 | 0.4 | <0.05 | 2.9 | 7.03 | 12.5 | 0.02 | <1 | 0.5 | 20.4 | <10 | 3 |
| 2587127 | Drill Core | 0.20 | 0.53 | 35.1 | 0.9 | <0.05 | 5.5 | 3.95 | 26.2 | <0.02 | <1 | 0.4 | 14.2 | <10 | <2 |
| 2587128 | Drill Core | 0.26 | 0.37 | 35.5 | 1.1 | <0.05 | 6.6 | 5.34 | 36.4 | 0.02 | <1 | 0.9 | 13.3 | <10 | <2 |
| 2587129 | Drill Core | 0.28 | 0.43 | 38.1 | 1.0 | <0.05 | 7.0 | 5.61 | 31.7 | 0.02 | <1 | 0.5 | 13.4 | <10 | <2 |
| 2587130 | Drill Core | 0.29 | 0.45 | 42.3 | 1.1 | <0.05 | 7.2 | 5.01 | 28.9 | 0.03 | <1 | 0.5 | 12.0 | <10 | <2 |
| 2587131 | Drill Core | 0.27 | 0.73 | 53.7 | 1.1 | <0.05 | 7.3 | 5.84 | 33.6 | 0.02 | <1 | 0.6 | 12.0 | <10 | <2 |
| 2587132 | Drill Core | 0.28 | 0.75 | 40.7 | 1.2 | <0.05 | 8.6 | 6.57 | 38.5 | 0.02 | <1 | 0.5 | 13.6 | <10 | <2 |
| 2587133 | Drill Core | 0.25 | 0.48 | 53.8 | 1.1 | <0.05 | 6.2 | 5.07 | 26.6 | 0.03 | <1 | 0.5 | 12.1 | <10 | <2 |
| 2587134 | Drill Core | 0.26 | 0.44 | 50.8 | 1.2 | <0.05 | 5.9 | 4.39 | 25.2 | 0.02 | <1 | 0.5 | 12.3 | <10 | <2 |
| 2587135 | Drill Core | 0.20 | 0.40 | 69.0 | 1.2 | <0.05 | 4.8 | 3.81 | 22.2 | 0.03 | <1 | 0.6 | 14.4 | <10 | <2 |
| 2587136 | Drill Core | 0.13 | 0.54 | 72.8 | 1.2 | <0.05 | 3.2 | 3.95 | 24.2 | <0.02 | <1 | 0.4 | 13.5 | <10 | <2 |
| 2587137 | Drill Core | 0.03 | 0.05 | 102.4 | 0.4 | <0.05 | 1.5 | 6.35 | 9.7 | 0.02 | <1 | 0.3 | 25.4 | <10 | 4 |
| 2587138 | Drill Core | 0.10 | 0.45 | 41.2 | 1.1 | <0.05 | 2.3 | 9.35 | 22.8 | 0.02 | <1 | 0.3 | 13.5 | <10 | <2 |
| 2587139 | Drill Core | 0.08 | 0.27 | 36.2 | 0.9 | <0.05 | 2.2 | 9.25 | 22.9 | <0.02 | <1 | 0.5 | 13.7 | <10 | <2 |
| 2587140 | Rock | <0.02 | 0.07 | 0.1 | <0.1 | <0.05 | 0.5 | 0.55 | 0.4 | <0.02 | 2 | <0.1 | 0.3 | <10 | 2 |
| 2587141 | Drill Core | 0.10 | 0.32 | 52.5 | 1.0 | <0.05 | 2.6 | 7.00 | 18.1 | 0.02 | <1 | 0.4 | 16.0 | <10 | <2 |
| 2587142 | Drill Core | 0.09 | 0.41 | 26.7 | 0.7 | <0.05 | 2.0 | 7.65 | 20.6 | <0.02 | <1 | 0.3 | 14.8 | <10 | <2 |
| 2587143 | Drill Core | 0.07 | 0.41 | 46.0 | 1.0 | <0.05 | 1.8 | 6.87 | 17.5 | <0.02 | <1 | 0.4 | 15.3 | <10 | <2 |
| 2587144 | Drill Core | 0.02 | 0.07 | 111.9 | 0.5 | <0.05 | 2.3 | 5.94 | 7.5 | 0.02 | <1 | 0.5 | 39.5 | <10 | 2 |
| 2587145 | Core DUP | 0.03 | 0.06 | 112.4 | 0.6 | <0.05 | 1.2 | 6.11 | 7.8 | <0.02 | <1 | 0.4 | 39.5 | <10 | 6 |
| 2587146 | Drill Core | 0.10 | 0.49 | 19.5 | 0.9 | <0.05 | 2.7 | 4.65 | 31.3 | <0.02 | <1 | 0.5 | 14.0 | <10 | <2 |
| 2587147 | Drill Core | 0.05 | 0.05 | 93.3 | 0.5 | <0.05 | 2.0 | 5.06 | 7.8 | <0.02 | <1 | 0.5 | 41.3 | <10 | 6 |
| 2587148 | Drill Core | 0.03 | 0.03 | 77.0 | 0.4 | <0.05 | 1.1 | 4.79 | 9.1 | <0.02 | <1 | 0.5 | 36.8 | <10 | 5 |
| 2587149 | Drill Core | 0.05 | 0.03 | 62.8 | 0.4 | <0.05 | 1.6 | 5.16 | 11.8 | <0.02 | <1 | 0.6 | 33.6 | <10 | 7 |
| 2587150 | Rock Pulp | 0.21 | 0.09 | 5.4 | 1.7 | <0.05 | 6.6 | 7.64 | 9.3 | 0.03 | 117 | 0.3 | 11.2 | <10 | 4 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587151 | Drill Core | 4.02 | 0.23 | 155.81 | 3.09 | 58.0 | 63 | 71.2 | 28.3 | 873 | 4.35 | 2.8 | 0.5 | 2.8 | 1.3 | 151.6 | 0.02 | 0.30 | <0.02 | 154 | 3.69 |
| 2587152 | Drill Core | 4.53 | 0.15 | 165.65 | 1.70 | 53.0 | 46 | 61.2 | 25.0 | 692 | 3.85 | 1.2 | 0.3 | 2.0 | 1.0 | 127.4 | 0.02 | 0.26 | <0.02 | 134 | 2.55 |
| 2587153 | Drill Core | 2.97 | 0.15 | 161.21 | 1.73 | 56.1 | 53 | 65.6 | 27.4 | 783 | 4.15 | 1.6 | 0.4 | 0.5 | 0.9 | 154.5 | 0.02 | 0.23 | <0.02 | 151 | 2.50 |
| 2587154 | Drill Core | 4.10 | 0.29 | 148.29 | 2.41 | 68.6 | 87 | 72.8 | 30.9 | 1071 | 4.81 | 1.4 | 0.3 | 5.1 | 0.8 | 190.7 | 0.04 | 0.17 | 0.04 | 182 | 4.41 |
| 2587155 | Drill Core | 3.81 | 0.60 | 185.12 | 3.08 | 74.6 | 135 | 79.7 | 34.0 | 1082 | 5.12 | 2.1 | 0.3 | 3.1 | 1.0 | 198.1 | 0.05 | 0.21 | 0.07 | 187 | 4.65 |
| 2587156 | Drill Core | 3.92 | 0.35 | 162.00 | 2.43 | 59.2 | 107 | 66.2 | 26.2 | 869 | 4.10 | 1.6 | 0.3 | 43.3 | 0.9 | 154.1 | 0.04 | 0.17 | 0.04 | 150 | 2.85 |
| 2587157 | Drill Core | 1.50 | 0.78 | 135.49 | 7.31 | 86.1 | 201 | 70.2 | 28.4 | 1150 | 4.90 | 2.3 | 0.3 | 3.6 | 1.3 | 210.7 | 0.08 | 0.13 | 0.37 | 175 | 5.65 |
| 2587158 | Drill Core | 3.06 | 1.34 | 15.99 | 7.33 | 71.5 | 52 | 8.6 | 5.8 | 772 | 2.90 | 1.6 | 0.9 | 2.1 | 6.3 | 114.8 | 0.05 | 0.14 | 0.16 | 38 | 2.01 |
| 2587159 | Drill Core | 3.79 | 3.19 | 16.44 | 6.73 | 78.2 | 65 | 6.1 | 5.0 | 827 | 2.97 | 0.9 | 0.7 | 2.8 | 3.3 | 329.6 | 0.04 | 0.18 | 0.47 | 38 | 1.68 |
| 2587160 | Drill Core | 3.48 | 0.49 | 17.03 | 7.67 | 77.3 | 65 | 6.1 | 5.3 | 864 | 3.07 | 1.0 | 0.7 | 9.3 | 4.0 | 598.0 | 0.03 | 0.21 | 0.32 | 40 | 1.81 |
| 2587161 | Drill Core | 3.49 | 0.76 | 17.09 | 10.26 | 81.1 | 60 | 5.4 | 4.8 | 785 | 2.87 | 2.5 | 1.0 | 0.2 | 6.9 | 934.0 | 0.05 | 0.48 | 0.35 | 33 | 2.15 |
| 2587162 | Drill Core | 3.91 | 3.01 | 21.64 | 9.83 | 76.3 | 77 | 6.9 | 4.9 | 838 | 2.99 | 5.2 | 1.3 | 4.7 | 5.9 | 479.9 | 0.05 | 0.82 | 0.44 | 38 | 2.31 |
| 2587163 | Drill Core | 5.20 | 3.23 | 25.23 | 8.14 | 72.4 | 104 | 5.6 | 5.0 | 840 | 3.06 | 3.2 | 0.9 | 143.6 | 4.2 | 974.7 | 0.05 | 0.68 | 0.46 | 39 | 1.90 |
| 2587164 | Drill Core | 1.97 | 3.92 | 21.25 | 6.08 | 75.4 | 62 | 6.0 | 5.1 | 864 | 3.02 | 1.1 | 0.9 | 2.3 | 5.4 | 716.5 | 0.03 | 0.17 | 0.27 | 44 | 1.90 |
| 2587165 | Drill Core | 1.90 | 4.12 | 20.64 | 6.36 | 72.7 | 67 | 5.3 | 4.6 | 830 | 3.02 | 1.1 | 0.8 | 4.8 | 5.0 | 674.1 | 0.04 | 0.19 | 0.23 | 43 | 2.07 |
| 2587166 | Drill Core | 4.33 | 0.39 | 19.04 | 7.25 | 75.0 | 44 | 5.8 | 5.0 | 854 | 3.00 | 0.7 | 0.7 | 0.4 | 3.0 | 295.5 | 0.03 | 0.11 | 0.23 | 42 | 1.98 |
| 2587167 | Drill Core | 3.46 | 0.68 | 30.63 | 8.01 | 67.4 | 56 | 5.4 | 5.0 | 602 | 2.63 | 2.1 | 1.0 | 0.6 | 5.9 | 247.9 | 0.03 | 0.39 | 0.31 | 34 | 1.85 |
| 2587168 | Drill Core | 1.11 | 0.33 | 13.19 | 5.89 | 69.6 | 28 | 4.5 | 4.6 | 547 | 2.58 | 1.4 | 1.2 | 1.4 | 6.7 | 130.8 | 0.03 | 0.20 | 0.13 | 32 | 1.93 |
| 2587169 | Drill Core | 2.41 | 3.36 | 40.10 | 8.42 | 68.6 | 92 | 5.1 | 5.5 | 566 | 2.67 | 1.6 | 0.9 | <0.2 | 5.7 | 235.3 | 0.06 | 0.66 | 0.55 | 30 | 1.81 |
| 2587170 | Drill Core | 2.65 | 9.62 | 48.86 | 8.59 | 67.1 | 84 | 5.5 | 5.3 | 653 | 2.91 | 3.1 | 1.0 | 0.3 | 6.3 | 158.8 | 0.06 | 0.60 | 0.51 | 35 | 1.94 |
| 2587171 | Drill Core | 3.85 | 6.28 | 68.11 | 9.87 | 61.3 | 120 | 16.2 | 9.4 | 783 | 3.19 | 2.7 | 0.9 | 2.2 | 5.8 | 154.9 | 0.11 | 0.35 | 0.45 | 61 | 3.27 |
| 2587172 | Drill Core | 2.80 | 0.90 | 26.17 | 16.02 | 80.9 | 98 | 6.2 | 5.4 | 631 | 2.66 | 2.6 | 1.4 | 27.4 | 8.1 | 96.0 | 0.11 | 0.21 | 0.33 | 31 | 1.85 |
| 2587173 | Drill Core | 4.02 | 0.43 | 151.71 | 4.29 | 73.1 | 127 | 70.4 | 28.6 | 1102 | 4.85 | 1.6 | 0.5 | 2.7 | 1.6 | 259.7 | 0.04 | 0.18 | 0.03 | 170 | 6.51 |
| 2587174 | Drill Core | 3.66 | 0.42 | 145.63 | 4.58 | 63.2 | 113 | 66.3 | 28.5 | 1060 | 4.45 | 0.9 | 0.4 | 1.2 | 1.5 | 208.4 | 0.05 | 0.15 | 0.05 | 163 | 4.96 |
| 2587175 | Drill Core | 4.50 | 0.93 | 12.75 | 7.28 | 87.5 | 89 | 8.2 | 6.7 | 833 | 3.19 | 0.4 | 0.5 | 2.6 | 3.8 | 118.1 | 0.07 | 0.12 | 0.12 | 53 | 1.88 |
| 2587176 | Drill Core | 4.33 | 0.57 | 154.96 | 3.40 | 55.9 | 99 | 63.3 | 26.5 | 927 | 4.03 | 1.0 | 0.4 | <0.2 | 1.2 | 200.8 | 0.03 | 0.10 | <0.02 | 147 | 5.18 |
| 2587177 | Drill Core | 2.76 | 0.77 | 164.76 | 3.62 | 54.9 | 112 | 57.5 | 24.3 | 1017 | 4.08 | 1.1 | 0.4 | 0.4 | 1.1 | 215.4 | 0.04 | 0.10 | <0.02 | 148 | 7.77 |
| 2587178 | Drill Core | 2.46 | 0.93 | 159.39 | 8.26 | 50.8 | 143 | 61.7 | 25.7 | 857 | 3.90 | 1.2 | 0.5 | 1.7 | 1.4 | 190.8 | 0.05 | 0.10 | 0.22 | 141 | 5.77 |
| 2587179 | Drill Core | 4.49 | 1.05 | 16.86 | 8.83 | 72.9 | 51 | 7.7 | 5.8 | 664 | 2.64 | 0.4 | 1.1 | <0.2 | 7.3 | 130.4 | 0.06 | 0.10 | 0.09 | 40 | 2.25 |
| 2587180 | Rock | 1.20 | 0.07 | 0.39 | 0.09 | 0.3 | <2 | <0.1 | <0.1 | 21 | 0.03 | 0.6 | 1.5 | 0.5 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 34.05 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587151 | Drill Core | 0.206 | 6.6 | 178.4 | 3.34 | 325.5 | 0.228 | 2 | 3.13 | 0.061 | 2.41 | 0.2 | 7.8 | 0.17 | 0.05 | 11 | <0.1 | <0.02 | 8.5 | 3.48 | 0.2 |
| 2587152 | Drill Core | 0.205 | 6.0 | 170.5 | 2.90 | 322.1 | 0.248 | 1 | 2.89 | 0.120 | 2.56 | 0.1 | 3.7 | 0.13 | <0.02 | <5 | <0.1 | <0.02 | 7.6 | 3.08 | 0.2 |
| 2587153 | Drill Core | 0.212 | 4.4 | 184.2 | 3.14 | 222.8 | 0.250 | 1 | 3.06 | 0.083 | 2.82 | 0.2 | 3.2 | 0.16 | <0.02 | <5 | <0.1 | <0.02 | 8.0 | 3.86 | 0.2 |
| 2587154 | Drill Core | 0.208 | 3.7 | 199.7 | 3.80 | 667.4 | 0.257 | <1 | 3.80 | 0.071 | 3.47 | 0.2 | 5.4 | 0.29 | <0.02 | <5 | <0.1 | <0.02 | 9.9 | 5.90 | 0.3 |
| 2587155 | Drill Core | 0.231 | 4.9 | 210.2 | 4.03 | 642.3 | 0.269 | <1 | 4.04 | 0.064 | 3.31 | 0.2 | 6.8 | 0.33 | 0.05 | 6 | <0.1 | 0.05 | 10.5 | 6.40 | 0.3 |
| 2587156 | Drill Core | 0.216 | 4.0 | 178.3 | 3.13 | 394.4 | 0.238 | 1 | 3.20 | 0.104 | 2.69 | 0.2 | 4.1 | 0.28 | 0.02 | <5 | <0.1 | <0.02 | 8.0 | 4.86 | 0.2 |
| 2587157 | Drill Core | 0.191 | 7.6 | 192.5 | 3.67 | 591.5 | 0.172 | 1 | 3.80 | 0.052 | 2.28 | 0.3 | 8.4 | 0.49 | 0.20 | <5 | <0.1 | 0.06 | 10.4 | 6.76 | 0.2 |
| 2587158 | Drill Core | 0.101 | 15.0 | 20.0 | 0.84 | 46.4 | 0.113 | 2 | 1.76 | 0.082 | 0.32 | 0.4 | 3.3 | 0.12 | 0.17 | 7 | 0.1 | 0.02 | 7.8 | 0.80 | <0.1 |
| 2587159 | Drill Core | 0.110 | 12.4 | 9.0 | 0.80 | 81.2 | 0.162 | 1 | 1.95 | 0.115 | 0.69 | 0.3 | 4.1 | 0.28 | 0.22 | 7 | <0.1 | 0.11 | 8.6 | 1.31 | <0.1 |
| 2587160 | Drill Core | 0.112 | 11.7 | 12.9 | 0.83 | 62.9 | 0.161 | 2 | 2.19 | 0.147 | 0.57 | 0.4 | 4.2 | 0.27 | 0.25 | <5 | 0.1 | 0.17 | 8.6 | 1.20 | <0.1 |
| 2587161 | Drill Core | 0.096 | 18.7 | 8.3 | 0.72 | 39.4 | 0.091 | <1 | 1.96 | 0.139 | 0.35 | 0.3 | 2.5 | 0.18 | 0.24 | 8 | <0.1 | 0.10 | 8.5 | 1.07 | <0.1 |
| 2587162 | Drill Core | 0.096 | 19.8 | 12.9 | 0.79 | 31.3 | 0.078 | 2 | 1.94 | 0.084 | 0.32 | 0.3 | 3.9 | 0.17 | 0.23 | 6 | 0.2 | 0.13 | 8.9 | 1.31 | <0.1 |
| 2587163 | Drill Core | 0.105 | 13.2 | 9.3 | 0.81 | 36.9 | 0.125 | <1 | 1.98 | 0.105 | 0.30 | 0.3 | 4.1 | 0.15 | 0.32 | 6 | 0.5 | 0.14 | 7.6 | 0.89 | <0.1 |
| 2587164 | Drill Core | 0.106 | 12.0 | 11.2 | 0.80 | 92.5 | 0.170 | <1 | 2.22 | 0.147 | 0.88 | 0.2 | 5.6 | 0.38 | 0.26 | <5 | 0.3 | 0.15 | 9.1 | 2.03 | 0.2 |
| 2587165 | Drill Core | 0.096 | 10.7 | 8.9 | 0.80 | 77.4 | 0.156 | 1 | 2.18 | 0.137 | 0.79 | 0.2 | 5.3 | 0.35 | 0.32 | 5 | 0.1 | 0.14 | 8.5 | 1.82 | <0.1 |
| 2587166 | Drill Core | 0.102 | 9.8 | 11.5 | 0.79 | 85.0 | 0.157 | <1 | 2.17 | 0.168 | 0.80 | 0.2 | 4.7 | 0.36 | 0.23 | 9 | <0.1 | 0.08 | 9.2 | 1.94 | <0.1 |
| 2587167 | Drill Core | 0.078 | 14.7 | 8.3 | 0.70 | 56.2 | 0.115 | 1 | 1.92 | 0.120 | 0.61 | 0.2 | 2.9 | 0.36 | 0.33 | 9 | 0.1 | 0.08 | 8.8 | 2.00 | <0.1 |
| 2587168 | Drill Core | 0.077 | 17.8 | 9.4 | 0.70 | 50.7 | 0.105 | 1 | 2.01 | 0.097 | 0.54 | 0.2 | 2.6 | 0.29 | 0.16 | 6 | <0.1 | 0.04 | 9.0 | 1.86 | <0.1 |
| 2587169 | Drill Core | 0.082 | 13.7 | 7.0 | 0.67 | 43.9 | 0.116 | <1 | 1.65 | 0.106 | 0.40 | 0.3 | 2.1 | 0.24 | 0.63 | 6 | 0.1 | 0.22 | 7.4 | 1.22 | <0.1 |
| 2587170 | Drill Core | 0.097 | 15.7 | 10.4 | 0.80 | 37.1 | 0.087 | <1 | 1.93 | 0.106 | 0.35 | 0.3 | 2.6 | 0.20 | 0.54 | 8 | 0.4 | 0.13 | 8.4 | 1.05 | <0.1 |
| 2587171 | Drill Core | 0.117 | 16.3 | 46.2 | 1.15 | 86.7 | 0.083 | <1 | 2.03 | 0.061 | 0.41 | 0.3 | 4.6 | 0.12 | 0.46 | 6 | <0.1 | 0.13 | 8.2 | 1.71 | <0.1 |
| 2587172 | Drill Core | 0.081 | 22.3 | 13.4 | 0.74 | 32.9 | 0.056 | 2 | 1.67 | 0.062 | 0.21 | 0.2 | 2.7 | 0.06 | 0.17 | 7 | <0.1 | 0.05 | 7.8 | 0.74 | <0.1 |
| 2587173 | Drill Core | 0.218 | 7.2 | 198.0 | 3.44 | 450.0 | 0.142 | 1 | 3.34 | 0.043 | 1.06 | 0.2 | 11.9 | 0.17 | 0.08 | 7 | <0.1 | 0.02 | 9.4 | 3.14 | 0.2 |
| 2587174 | Drill Core | 0.203 | 6.0 | 184.8 | 3.43 | 735.8 | 0.176 | <1 | 3.44 | 0.043 | 2.22 | 0.2 | 8.2 | 0.25 | 0.04 | <5 | <0.1 | 0.02 | 9.7 | 4.50 | 0.2 |
| 2587175 | Drill Core | 0.119 | 8.9 | 16.2 | 0.97 | 135.3 | 0.140 | <1 | 1.98 | 0.068 | 0.73 | 0.3 | 5.5 | 0.21 | 0.11 | <5 | <0.1 | 0.04 | 9.8 | 1.11 | <0.1 |
| 2587176 | Drill Core | 0.215 | 4.6 | 186.3 | 2.65 | 699.8 | 0.206 | 2 | 2.65 | 0.071 | 1.62 | 0.2 | 5.2 | 0.16 | 0.04 | <5 | <0.1 | <0.02 | 7.9 | 3.15 | 0.2 |
| 2587177 | Drill Core | 0.207 | 4.2 | 190.8 | 2.23 | 603.3 | 0.204 | <1 | 2.41 | 0.055 | 1.41 | 0.3 | 5.7 | 0.16 | 0.15 | 7 | <0.1 | <0.02 | 7.3 | 2.94 | 0.2 |
| 2587178 | Drill Core | 0.219 | 4.3 | 185.8 | 1.96 | 780.2 | 0.215 | 1 | 2.29 | 0.125 | 1.36 | 0.3 | 4.4 | 0.19 | 0.18 | 7 | <0.1 | 0.02 | 7.3 | 2.63 | 0.1 |
| 2587179 | Drill Core | 0.089 | 14.6 | 17.4 | 0.71 | 98.9 | 0.106 | 1 | 1.66 | 0.077 | 0.50 | 0.1 | 3.7 | 0.16 | 0.08 | <5 | 0.1 | <0.02 | 8.1 | 0.93 | <0.1 |
| 2587180 | Rock | 0.004 | <0.5 | 1.2 | 1.54 | 5.3 | <0.001 | <1 | 0.04 | 0.002 | <0.01 | <0.1 | 0.2 | <0.02 | 0.05 | <5 | <0.1 | 0.24 | <0.1 | <0.02 | <0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587151 | Drill Core | 0.07 | 0.04 | 52.6 | 0.3 | <0.05 | 1.5 | 5.26 | 12.2 | <0.02 | <1 | 0.7 | 33.5 | <10 | 6 |
| 2587152 | Drill Core | 0.05 | 0.11 | 48.8 | 0.3 | <0.05 | 1.2 | 4.69 | 11.0 | <0.02 | <1 | 0.1 | 27.9 | <10 | 4 |
| 2587153 | Drill Core | 0.05 | 0.06 | 62.6 | 0.3 | <0.05 | 1.5 | 4.22 | 8.1 | <0.02 | <1 | 0.4 | 28.8 | <10 | 4 |
| 2587154 | Drill Core | 0.07 | 0.06 | 85.7 | 0.3 | <0.05 | 1.2 | 4.17 | 7.0 | <0.02 | <1 | 0.7 | 31.3 | <10 | 3 |
| 2587155 | Drill Core | 0.03 | 0.04 | 89.9 | 0.3 | <0.05 | 1.1 | 4.89 | 8.9 | <0.02 | <1 | 0.8 | 32.7 | <10 | 4 |
| 2587156 | Drill Core | 0.05 | 0.08 | 74.5 | 0.3 | <0.05 | 1.2 | 4.09 | 7.6 | <0.02 | <1 | 0.3 | 26.8 | <10 | 5 |
| 2587157 | Drill Core | 0.02 | 0.02 | 84.1 | 3.5 | <0.05 | 1.3 | 6.61 | 13.4 | 0.03 | <1 | 0.7 | 34.3 | <10 | 5 |
| 2587158 | Drill Core | 0.08 | 0.44 | 16.8 | 4.7 | <0.05 | 2.4 | 6.68 | 28.0 | <0.02 | <1 | 0.6 | 16.3 | <10 | <2 |
| 2587159 | Drill Core | 0.08 | 0.33 | 40.9 | 0.8 | <0.05 | 2.0 | 9.51 | 23.9 | <0.02 | <1 | 0.5 | 16.3 | <10 | <2 |
| 2587160 | Drill Core | 0.06 | 0.34 | 36.8 | 0.9 | <0.05 | 2.2 | 9.33 | 23.0 | <0.02 | <1 | 0.6 | 20.4 | <10 | <2 |
| 2587161 | Drill Core | 0.09 | 0.37 | 25.3 | 0.9 | <0.05 | 2.0 | 7.94 | 34.7 | <0.02 | <1 | 0.7 | 17.0 | <10 | <2 |
| 2587162 | Drill Core | 0.09 | 0.25 | 22.3 | 1.1 | <0.05 | 2.8 | 11.58 | 36.3 | 0.02 | 5 | 0.7 | 23.1 | <10 | <2 |
| 2587163 | Drill Core | 0.11 | 0.34 | 17.3 | 0.9 | <0.05 | 2.8 | 10.80 | 24.9 | 0.02 | 2 | 0.5 | 20.1 | <10 | <2 |
| 2587164 | Drill Core | 0.09 | 0.31 | 56.9 | 1.1 | <0.05 | 3.6 | 10.04 | 23.1 | 0.02 | 2 | 0.5 | 18.4 | <10 | <2 |
| 2587165 | Drill Core | 0.11 | 0.31 | 50.9 | 1.0 | <0.05 | 3.4 | 9.75 | 20.8 | 0.03 | 2 | 0.5 | 17.4 | <10 | <2 |
| 2587166 | Drill Core | 0.07 | 0.32 | 49.5 | 1.0 | <0.05 | 2.2 | 8.97 | 19.2 | <0.02 | <1 | 0.4 | 16.7 | <10 | <2 |
| 2587167 | Drill Core | 0.15 | 0.51 | 48.0 | 1.1 | <0.05 | 3.5 | 5.41 | 27.6 | 0.02 | <1 | 0.5 | 16.5 | <10 | <2 |
| 2587168 | Drill Core | 0.22 | 0.59 | 42.0 | 0.8 | <0.05 | 5.5 | 4.92 | 32.7 | <0.02 | <1 | 1.0 | 16.7 | <10 | <2 |
| 2587169 | Drill Core | 0.14 | 0.78 | 32.9 | 1.6 | <0.05 | 4.4 | 4.60 | 25.7 | <0.02 | 6 | 0.5 | 16.4 | <10 | <2 |
| 2587170 | Drill Core | 0.11 | 0.38 | 25.5 | 1.8 | <0.05 | 3.3 | 7.07 | 30.2 | 0.02 | 8 | 0.6 | 21.0 | <10 | <2 |
| 2587171 | Drill Core | 0.08 | 0.14 | 18.6 | 0.8 | <0.05 | 2.6 | 8.45 | 30.5 | 0.02 | 15 | 1.0 | 20.4 | <10 | 4 |
| 2587172 | Drill Core | 0.17 | 0.48 | 10.1 | 1.7 | <0.05 | 5.3 | 6.44 | 41.4 | 0.03 | 1 | 0.8 | 19.3 | <10 | <2 |
| 2587173 | Drill Core | 0.03 | 0.03 | 33.6 | 0.5 | <0.05 | 1.5 | 7.34 | 13.1 | <0.02 | <1 | 0.7 | 35.5 | <10 | 5 |
| 2587174 | Drill Core | 0.03 | 0.03 | 53.9 | 0.5 | <0.05 | 1.1 | 5.51 | 11.6 | 0.02 | <1 | 0.7 | 38.2 | <10 | 5 |
| 2587175 | Drill Core | 0.06 | 0.25 | 36.2 | 1.0 | <0.05 | 1.8 | 6.64 | 18.2 | <0.02 | <1 | 0.3 | 25.3 | <10 | <2 |
| 2587176 | Drill Core | 0.06 | 0.05 | 39.3 | 0.3 | <0.05 | 1.7 | 4.39 | 8.7 | <0.02 | <1 | 0.5 | 30.1 | 10 | 4 |
| 2587177 | Drill Core | 0.04 | 0.06 | 38.5 | 0.3 | <0.05 | 1.3 | 4.27 | 8.0 | <0.02 | <1 | 0.4 | 25.2 | <10 | 2 |
| 2587178 | Drill Core | 0.05 | 0.08 | 40.5 | 0.2 | <0.05 | 2.0 | 4.92 | 8.5 | <0.02 | <1 | 0.3 | 24.2 | <10 | 4 |
| 2587179 | Drill Core | 0.19 | 0.59 | 27.8 | 0.9 | <0.05 | 5.6 | 6.12 | 28.7 | <0.02 | <1 | 0.5 | 17.4 | <10 | <2 |
| 2587180 | Rock | <0.02 | 0.05 | <0.1 | <0.1 | <0.05 | 0.1 | 0.17 | 0.2 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587181 | Drill Core | 3.39 | 0.95 | 6.72 | 9.52 | 86.9 | 83 | 4.6 | 4.8 | 642 | 2.68 | 0.9 | 1.3 | 0.6 | 7.5 | 296.4 | 0.09 | 0.15 | 0.22 | 38 | 1.65 |
| 2587182 | Drill Core | 3.60 | 0.57 | 9.15 | 8.60 | 79.1 | 57 | 4.8 | 4.9 | 658 | 2.69 | 0.3 | 1.3 | <0.2 | 8.0 | 226.8 | 0.06 | 0.10 | 0.11 | 37 | 1.78 |
| 2587183 | Drill Core | 1.53 | 0.86 | 16.58 | 5.90 | 74.4 | 75 | 7.6 | 6.2 | 679 | 2.90 | 0.4 | 1.1 | <0.2 | 7.7 | 311.3 | 0.07 | 0.10 | 0.13 | 46 | 1.75 |
| 2587184 | Drill Core | 4.17 | 0.59 | 169.75 | 3.23 | 54.1 | 107 | 65.5 | 25.8 | 763 | 3.81 | 1.1 | 0.4 | <0.2 | 1.4 | 234.4 | 0.05 | 0.11 | 0.04 | 139 | 4.10 |
| 2587185 | Core DUP | | 0.62 | 171.38 | 3.24 | 56.9 | 114 | 64.7 | 25.6 | 757 | 3.90 | 1.0 | 0.4 | 0.9 | 1.5 | 235.2 | 0.05 | 0.09 | 0.04 | 137 | 4.04 |
| 2587186 | Drill Core | 4.14 | 0.61 | 157.18 | 2.98 | 53.3 | 86 | 59.1 | 24.0 | 924 | 4.03 | 1.2 | 0.4 | 0.5 | 1.2 | 207.1 | 0.03 | 0.07 | <0.02 | 150 | 6.42 |
| 2587187 | Drill Core | 3.64 | 0.52 | 155.77 | 3.30 | 54.3 | 91 | 69.5 | 28.9 | 994 | 4.26 | 1.4 | 0.4 | 0.9 | 1.2 | 231.1 | 0.03 | 0.11 | <0.02 | 167 | 6.67 |
| 2587188 | Drill Core | 3.77 | 0.57 | 148.87 | 3.38 | 48.6 | 89 | 51.1 | 20.7 | 739 | 3.21 | 1.3 | 0.4 | <0.2 | 1.2 | 205.3 | 0.05 | 0.11 | <0.02 | 115 | 6.30 |
| 2587189 | Drill Core | 4.01 | 0.61 | 172.37 | 2.55 | 52.2 | 109 | 67.8 | 26.3 | 753 | 3.82 | 1.2 | 0.5 | 43.4 | 1.2 | 192.1 | 0.03 | 0.10 | <0.02 | 140 | 4.17 |
| 2587190 | Rock Pulp | 0.10 | 230.97 | 2687.69 | 49.43 | 288.3 | 3150 | 10.2 | 20.4 | 210 | 3.30 | 25.2 | 5.8 | 280.5 | 11.9 | 48.8 | 2.58 | 6.13 | 4.32 | 44 | 0.94 |
| 2587191 | Drill Core | 4.18 | 1.10 | 166.65 | 3.61 | 54.9 | 112 | 63.3 | 26.1 | 852 | 3.82 | 1.2 | 0.4 | 0.8 | 1.1 | 187.6 | 0.03 | 0.13 | <0.02 | 137 | 5.30 |
| 2587192 | Drill Core | 4.16 | 0.54 | 167.11 | 3.18 | 54.2 | 93 | 67.0 | 27.8 | 902 | 4.00 | 1.8 | 0.4 | 0.5 | 1.2 | 204.5 | 0.03 | 0.10 | <0.02 | 150 | 5.68 |
| 2587193 | Drill Core | 3.45 | 0.40 | 164.81 | 2.32 | 58.1 | 73 | 72.6 | 30.0 | 842 | 4.18 | 1.0 | 0.4 | <0.2 | 1.2 | 184.6 | 0.03 | 0.11 | <0.02 | 156 | 4.45 |
| 2587194 | Drill Core | 3.05 | 0.75 | 151.37 | 3.56 | 53.0 | 84 | 63.5 | 25.5 | 852 | 3.78 | 1.4 | 0.5 | 1.5 | 1.2 | 261.3 | 0.06 | 0.28 | 0.04 | 140 | 6.09 |
| 2587195 | Drill Core | 2.70 | 0.21 | 14.08 | 8.72 | 77.4 | 211 | 8.3 | 5.3 | 835 | 2.60 | 0.2 | 0.5 | 31.0 | 2.1 | 251.7 | 0.08 | 0.11 | 0.09 | 36 | 1.85 |
| 2587196 | Drill Core | 2.66 | 0.17 | 24.37 | 8.42 | 73.9 | 65 | 9.9 | 6.4 | 814 | 2.59 | 0.2 | 0.7 | 6.3 | 3.1 | 297.0 | 0.08 | 0.12 | 0.02 | 38 | 1.82 |
| 2587197 | Drill Core | 3.42 | 0.73 | 207.32 | 18.98 | 76.9 | 267 | 72.5 | 30.6 | 962 | 4.22 | 1.6 | 0.5 | 46.0 | 1.3 | 266.1 | 0.21 | 0.19 | 0.04 | 150 | 5.78 |
| 2587198 | Drill Core | 3.88 | 0.75 | 179.73 | 2.62 | 60.9 | 105 | 76.8 | 30.6 | 798 | 4.36 | 1.1 | 0.4 | 11.7 | 1.2 | 182.1 | 0.02 | 0.10 | <0.02 | 166 | 2.89 |
| 2587199 | Drill Core | 3.75 | 1.76 | 168.84 | 3.22 | 52.9 | 103 | 70.3 | 28.4 | 858 | 4.02 | 1.4 | 0.4 | 4.5 | 1.2 | 179.3 | 0.04 | 0.12 | <0.02 | 152 | 4.57 |
| 2587200 | Drill Core | 4.01 | 0.65 | 149.92 | 4.27 | 49.7 | 165 | 67.0 | 28.2 | 982 | 4.17 | 3.1 | 0.3 | 3.4 | 1.1 | 215.3 | 0.04 | 0.22 | <0.02 | 160 | 7.35 |
| 2587201 | Drill Core | 3.76 | 0.74 | 142.14 | 7.20 | 52.8 | 146 | 68.5 | 30.1 | 946 | 4.38 | 3.5 | 0.4 | 3.1 | 1.4 | 501.3 | 0.03 | 0.28 | 0.02 | 195 | 7.35 |
| 2587202 | Drill Core | 3.97 | 0.40 | 137.08 | 5.45 | 68.9 | 247 | 76.2 | 31.7 | 1015 | 4.70 | 0.9 | 0.4 | 8.2 | 1.5 | 273.1 | 0.09 | 0.05 | <0.02 | 196 | 5.88 |
| 2587203 | Drill Core | 3.99 | 0.46 | 160.02 | 4.65 | 57.5 | 132 | 82.9 | 33.6 | 970 | 4.76 | 3.4 | 0.4 | 4.0 | 1.4 | 255.9 | 0.02 | 0.21 | <0.02 | 202 | 6.33 |
| 2587204 | Drill Core | 1.83 | 0.62 | 164.50 | 3.47 | 57.7 | 113 | 74.9 | 30.9 | 951 | 4.47 | 1.1 | 0.4 | 0.9 | 1.1 | 268.7 | 0.05 | 0.13 | <0.02 | 176 | 5.41 |
| 2587205 | Drill Core | 2.16 | 0.62 | 163.35 | 3.76 | 57.3 | 112 | 75.7 | 31.4 | 941 | 4.30 | 1.1 | 0.4 | 1.3 | 1.1 | 256.2 | 0.04 | 0.12 | <0.02 | 173 | 5.43 |
| 2587206 | Drill Core | 3.28 | 0.56 | 154.98 | 9.77 | 54.9 | 99 | 66.6 | 27.2 | 908 | 3.92 | 1.3 | 0.5 | <0.2 | 1.2 | 240.3 | 0.04 | 0.18 | <0.02 | 146 | 5.72 |
| 2587207 | Drill Core | 2.56 | 0.27 | 27.07 | 7.00 | 79.1 | 73 | 10.0 | 7.7 | 752 | 2.95 | 0.2 | 0.7 | 0.7 | 5.2 | 1039.2 | 0.09 | 0.09 | 0.04 | 57 | 2.46 |
| 2587208 | Drill Core | 4.38 | 0.46 | 163.35 | 3.70 | 60.7 | 223 | 68.3 | 28.4 | 972 | 4.36 | 1.7 | 0.5 | 2.0 | 1.3 | 290.8 | 0.06 | 0.17 | <0.02 | 181 | 6.82 |
| 2587209 | Drill Core | 3.82 | 1.94 | 139.26 | 3.00 | 58.6 | 91 | 51.3 | 21.9 | 1084 | 4.15 | <0.1 | 0.4 | 0.9 | 1.0 | 247.8 | 0.06 | 0.09 | 0.03 | 173 | 8.84 |
| 2587210 | Drill Core | 3.72 | 0.78 | 144.21 | 3.23 | 57.8 | 119 | 58.4 | 25.5 | 1060 | 4.31 | 0.9 | 0.5 | 3.7 | 1.2 | 251.6 | 0.05 | 0.14 | <0.02 | 161 | 8.01 |

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Report Date: November 01, 2016



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| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587181 | Drill Core | 0.081 | 14.4 | 8.7 | 0.67 | 115.3 | 0.125 | <1 | 1.91 | 0.126 | 0.76 | 0.1 | 4.7 | 0.31 | 0.09 | 5 | <0.1 | <0.02 | 9.2 | 1.25 | <0.1 |
| 2587182 | Drill Core | 0.082 | 17.4 | 11.7 | 0.68 | 94.9 | 0.119 | 1 | 1.83 | 0.095 | 0.70 | 0.1 | 4.4 | 0.29 | 0.06 | <5 | <0.1 | <0.02 | 8.4 | 1.56 | <0.1 |
| 2587183 | Drill Core | 0.093 | 16.5 | 20.7 | 0.78 | 121.8 | 0.132 | <1 | 1.79 | 0.086 | 0.68 | 0.2 | 5.1 | 0.25 | 0.13 | <5 | <0.1 | 0.03 | 9.4 | 1.44 | <0.1 |
| 2587184 | Drill Core | 0.219 | 5.2 | 191.9 | 2.33 | 540.8 | 0.223 | 3 | 2.54 | 0.084 | 1.77 | 0.2 | 5.7 | 0.17 | 0.04 | <5 | <0.1 | <0.02 | 7.5 | 3.13 | 0.2 |
| 2587185 | Core DUP | 0.230 | 5.4 | 195.3 | 2.35 | 556.6 | 0.232 | 2 | 2.54 | 0.088 | 1.79 | 0.2 | 5.7 | 0.17 | 0.05 | <5 | <0.1 | <0.02 | 7.8 | 3.14 | 0.2 |
| 2587186 | Drill Core | 0.206 | 3.9 | 193.3 | 2.29 | 585.0 | 0.214 | 1 | 2.37 | 0.052 | 1.78 | 0.2 | 5.4 | 0.12 | 0.04 | <5 | <0.1 | <0.02 | 6.7 | 2.85 | 0.2 |
| 2587187 | Drill Core | 0.208 | 5.4 | 194.2 | 2.74 | 537.6 | 0.197 | 1 | 2.90 | 0.053 | 1.78 | 0.2 | 7.5 | 0.10 | 0.19 | 7 | <0.1 | <0.02 | 8.2 | 2.65 | 0.2 |
| 2587188 | Drill Core | 0.200 | 3.9 | 169.0 | 1.60 | 208.5 | 0.178 | 2 | 1.70 | 0.057 | 1.09 | 0.2 | 4.2 | 0.06 | 0.03 | <5 | <0.1 | <0.02 | 5.2 | 1.14 | 0.1 |
| 2587189 | Drill Core | 0.221 | 5.0 | 178.7 | 2.50 | 258.9 | 0.201 | 2 | 2.43 | 0.070 | 1.51 | 0.1 | 6.0 | 0.06 | 0.04 | <5 | <0.1 | <0.02 | 7.1 | 1.89 | 0.2 |
| 2587190 | Rock Pulp | 0.055 | 23.4 | 74.9 | 0.67 | 48.7 | 0.045 | 2 | 1.37 | 0.032 | 0.59 | 3.7 | 5.3 | 0.38 | 2.03 | 66 | 2.6 | 0.32 | 4.0 | 2.32 | <0.1 |
| 2587191 | Drill Core | 0.205 | 4.0 | 175.7 | 2.48 | 380.8 | 0.211 | <1 | 2.54 | 0.048 | 1.88 | 0.2 | 3.9 | 0.08 | 0.12 | <5 | <0.1 | <0.02 | 6.8 | 1.87 | 0.1 |
| 2587192 | Drill Core | 0.214 | 4.4 | 190.4 | 2.41 | 335.6 | 0.227 | <1 | 2.68 | 0.064 | 2.09 | 0.2 | 4.8 | 0.08 | 0.08 | 6 | <0.1 | <0.02 | 7.2 | 2.05 | 0.2 |
| 2587193 | Drill Core | 0.221 | 5.1 | 190.5 | 3.08 | 493.8 | 0.209 | 1 | 2.87 | 0.054 | 1.79 | 0.2 | 6.8 | 0.08 | 0.02 | <5 | <0.1 | <0.02 | 8.2 | 2.02 | 0.1 |
| 2587194 | Drill Core | 0.205 | 5.4 | 191.6 | 2.21 | 256.5 | 0.178 | 2 | 2.19 | 0.060 | 1.15 | 0.2 | 6.5 | 0.08 | 0.03 | <5 | <0.1 | <0.02 | 6.7 | 1.29 | 0.1 |
| 2587195 | Drill Core | 0.087 | 6.9 | 15.0 | 0.78 | 79.7 | 0.105 | 1 | 1.64 | 0.053 | 0.45 | 0.2 | 3.5 | 0.15 | 0.10 | <5 | <0.1 | 0.12 | 7.6 | 0.93 | <0.1 |
| 2587196 | Drill Core | 0.093 | 9.5 | 20.3 | 0.84 | 76.9 | 0.082 | 1 | 1.76 | 0.066 | 0.45 | 0.1 | 3.8 | 0.14 | 0.06 | <5 | <0.1 | 0.02 | 7.6 | 0.90 | <0.1 |
| 2587197 | Drill Core | 0.212 | 6.2 | 191.2 | 2.85 | 329.9 | 0.164 | 1 | 2.81 | 0.045 | 1.45 | 0.2 | 8.0 | 0.13 | 0.15 | 12 | <0.1 | <0.02 | 7.8 | 2.52 | 0.2 |
| 2587198 | Drill Core | 0.219 | 5.6 | 199.8 | 3.22 | 421.2 | 0.209 | 1 | 3.08 | 0.069 | 2.07 | 0.2 | 7.5 | 0.11 | 0.02 | 5 | <0.1 | <0.02 | 8.3 | 3.12 | 0.1 |
| 2587199 | Drill Core | 0.209 | 5.7 | 188.4 | 2.76 | 442.4 | 0.200 | 2 | 2.78 | 0.044 | 1.80 | 0.2 | 5.4 | 0.10 | 0.09 | <5 | <0.1 | <0.02 | 7.6 | 2.64 | 0.2 |
| 2587200 | Drill Core | 0.196 | 4.4 | 189.9 | 2.27 | 569.1 | 0.187 | <1 | 2.46 | 0.053 | 1.51 | 0.3 | 5.8 | 0.08 | 0.27 | 15 | <0.1 | <0.02 | 7.6 | 1.66 | 0.1 |
| 2587201 | Drill Core | 0.200 | 4.4 | 204.8 | 2.29 | 650.1 | 0.211 | <1 | 2.71 | 0.063 | 1.52 | 0.3 | 10.5 | 0.08 | 0.45 | 68 | <0.1 | <0.02 | 9.2 | 1.31 | 0.2 |
| 2587202 | Drill Core | 0.196 | 5.3 | 207.3 | 3.07 | 696.4 | 0.230 | <1 | 3.44 | 0.070 | 2.27 | 0.2 | 11.3 | 0.18 | 0.05 | <5 | <0.1 | <0.02 | 9.9 | 2.79 | 0.2 |
| 2587203 | Drill Core | 0.193 | 4.9 | 208.7 | 2.61 | 656.6 | 0.214 | <1 | 3.00 | 0.053 | 2.04 | 0.2 | 11.4 | 0.13 | 0.33 | 35 | <0.1 | <0.02 | 9.7 | 2.03 | 0.1 |
| 2587204 | Drill Core | 0.201 | 4.1 | 204.7 | 2.66 | 845.1 | 0.234 | <1 | 2.73 | 0.076 | 2.05 | 0.3 | 6.2 | 0.12 | 0.12 | 12 | <0.1 | <0.02 | 8.1 | 2.33 | 0.1 |
| 2587205 | Drill Core | 0.202 | 4.1 | 203.6 | 2.78 | 866.7 | 0.233 | 1 | 2.88 | 0.060 | 2.17 | 0.3 | 6.0 | 0.16 | 0.11 | 18 | <0.1 | <0.02 | 8.6 | 2.50 | 0.2 |
| 2587206 | Drill Core | 0.200 | 4.7 | 191.2 | 2.62 | 456.3 | 0.199 | 2 | 2.60 | 0.056 | 1.43 | 0.2 | 5.6 | 0.12 | 0.02 | 6 | <0.1 | <0.02 | 7.5 | 1.83 | 0.2 |
| 2587207 | Drill Core | 0.111 | 10.7 | 24.8 | 0.97 | 179.2 | 0.154 | <1 | 2.10 | 0.109 | 0.71 | 0.1 | 4.5 | 0.19 | 0.08 | 7 | <0.1 | 0.05 | 8.1 | 1.10 | <0.1 |
| 2587208 | Drill Core | 0.204 | 5.0 | 202.6 | 2.63 | 586.1 | 0.229 | <1 | 2.95 | 0.067 | 2.16 | 0.2 | 8.0 | 0.19 | 0.14 | 9 | <0.1 | 0.04 | 8.6 | 2.57 | 0.2 |
| 2587209 | Drill Core | 0.185 | 3.7 | 175.1 | 2.33 | 241.3 | 0.210 | <1 | 2.87 | 0.041 | 2.09 | 0.2 | 9.5 | 0.15 | 0.07 | 25 | <0.1 | 0.02 | 7.4 | 1.98 | 0.1 |
| 2587210 | Drill Core | 0.190 | 5.0 | 181.5 | 2.59 | 440.3 | 0.183 | <1 | 2.87 | 0.035 | 1.74 | 0.2 | 7.8 | 0.15 | 0.10 | 9 | <0.1 | 0.03 | 7.9 | 1.88 | 0.2 |

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| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587181 | Drill Core | 0.24 | 0.71 | 48.6 | 1.3 | <0.05 | 6.6 | 5.54 | 27.7 | 0.03 | <1 | 0.6 | 17.5 | <10 | <2 |
| 2587182 | Drill Core | 0.24 | 0.59 | 45.7 | 1.3 | <0.05 | 7.1 | 6.28 | 32.7 | <0.02 | <1 | 0.5 | 17.3 | <10 | <2 |
| 2587183 | Drill Core | 0.16 | 0.57 | 40.4 | 1.5 | <0.05 | 5.6 | 5.36 | 30.9 | 0.03 | <1 | 0.6 | 16.4 | <10 | <2 |
| 2587184 | Drill Core | 0.08 | 0.04 | 44.6 | 0.4 | <0.05 | 2.3 | 4.68 | 9.8 | <0.02 | <1 | 0.5 | 23.0 | 10 | 4 |
| 2587185 | Core DUP | 0.07 | 0.04 | 46.7 | 0.3 | <0.05 | 2.4 | 4.84 | 10.2 | <0.02 | <1 | 0.4 | 24.0 | <10 | 4 |
| 2587186 | Drill Core | 0.06 | 0.04 | 43.4 | 0.3 | <0.05 | 1.6 | 3.78 | 7.7 | <0.02 | <1 | 0.3 | 21.4 | <10 | 4 |
| 2587187 | Drill Core | 0.05 | 0.03 | 39.1 | 0.3 | <0.05 | 1.2 | 4.71 | 10.0 | <0.02 | <1 | 0.6 | 28.0 | <10 | 4 |
| 2587188 | Drill Core | 0.11 | 0.04 | 27.1 | 0.4 | <0.05 | 2.9 | 3.45 | 7.4 | <0.02 | <1 | 0.4 | 17.5 | 10 | 4 |
| 2587189 | Drill Core | 0.09 | 0.03 | 31.0 | 0.2 | <0.05 | 2.5 | 4.13 | 9.2 | <0.02 | <1 | 0.4 | 24.3 | <10 | 5 |
| 2587190 | Rock Pulp | 0.11 | 0.07 | 37.6 | 1.3 | <0.05 | 3.5 | 9.36 | 41.5 | 0.08 | 41 | 0.3 | 5.6 | <10 | <2 |
| 2587191 | Drill Core | 0.06 | 0.03 | 39.3 | 0.2 | <0.05 | 1.6 | 3.80 | 7.8 | <0.02 | <1 | 0.4 | 23.7 | <10 | 5 |
| 2587192 | Drill Core | 0.05 | 0.04 | 44.5 | 0.3 | <0.05 | 1.8 | 3.95 | 8.3 | <0.02 | <1 | 0.4 | 25.6 | <10 | 5 |
| 2587193 | Drill Core | 0.07 | 0.03 | 36.3 | 0.4 | <0.05 | 1.6 | 4.58 | 9.2 | <0.02 | <1 | 0.6 | 32.1 | 11 | 4 |
| 2587194 | Drill Core | 0.09 | 0.04 | 26.8 | 0.3 | <0.05 | 2.3 | 4.21 | 9.6 | <0.02 | <1 | 0.6 | 23.3 | <10 | 5 |
| 2587195 | Drill Core | 0.07 | 0.35 | 28.2 | 0.9 | <0.05 | 1.6 | 6.53 | 13.4 | <0.02 | <1 | 0.5 | 14.3 | <10 | <2 |
| 2587196 | Drill Core | 0.08 | 0.24 | 24.5 | 2.2 | <0.05 | 2.3 | 7.70 | 18.7 | <0.02 | <1 | 0.6 | 15.5 | <10 | <2 |
| 2587197 | Drill Core | 0.06 | 0.03 | 35.4 | 0.5 | <0.05 | 1.5 | 5.55 | 11.0 | <0.02 | <1 | 0.7 | 28.3 | <10 | 5 |
| 2587198 | Drill Core | 0.06 | 0.03 | 42.7 | 0.8 | <0.05 | 1.8 | 4.64 | 10.3 | <0.02 | <1 | 0.5 | 35.0 | <10 | 4 |
| 2587199 | Drill Core | 0.05 | 0.04 | 37.2 | 1.1 | <0.05 | 1.4 | 4.95 | 10.4 | <0.02 | <1 | 0.5 | 21.8 | <10 | 4 |
| 2587200 | Drill Core | 0.04 | 0.04 | 30.1 | 0.4 | <0.05 | 1.1 | 4.57 | 8.1 | <0.02 | <1 | 0.4 | 22.0 | <10 | 4 |
| 2587201 | Drill Core | 0.04 | 0.05 | 29.4 | 0.4 | <0.05 | 1.1 | 5.39 | 8.3 | <0.02 | <1 | 0.3 | 26.0 | <10 | 5 |
| 2587202 | Drill Core | 0.04 | 0.04 | 56.1 | 0.5 | <0.05 | 1.7 | 5.60 | 9.9 | 0.02 | <1 | 0.5 | 31.9 | <10 | 4 |
| 2587203 | Drill Core | 0.03 | 0.03 | 43.0 | 0.6 | <0.05 | 1.3 | 5.70 | 9.1 | 0.02 | <1 | 0.2 | 29.5 | <10 | 4 |
| 2587204 | Drill Core | 0.04 | 0.05 | 41.0 | 0.4 | <0.05 | 1.4 | 4.34 | 7.7 | <0.02 | <1 | 0.3 | 25.8 | <10 | 4 |
| 2587205 | Drill Core | 0.05 | 0.04 | 43.8 | 0.4 | <0.05 | 1.3 | 4.11 | 7.4 | <0.02 | <1 | 0.3 | 26.6 | <10 | 4 |
| 2587206 | Drill Core | 0.07 | 0.04 | 29.9 | 0.4 | <0.05 | 1.8 | 3.98 | 8.8 | <0.02 | <1 | 0.3 | 25.0 | <10 | 4 |
| 2587207 | Drill Core | 0.10 | 0.26 | 36.1 | 1.2 | <0.05 | 2.6 | 5.57 | 20.9 | 0.02 | <1 | 0.3 | 17.2 | <10 | <2 |
| 2587208 | Drill Core | 0.04 | 0.04 | 49.9 | 0.4 | <0.05 | 1.2 | 4.87 | 9.4 | <0.02 | <1 | 0.4 | 27.5 | <10 | 4 |
| 2587209 | Drill Core | 0.03 | 0.05 | 54.9 | 0.4 | <0.05 | 1.0 | 4.18 | 7.0 | <0.02 | 1 | 0.6 | 21.9 | 11 | 4 |
| 2587210 | Drill Core | 0.04 | 0.03 | 42.9 | 0.5 | <0.05 | 1.0 | 4.97 | 9.6 | <0.02 | <1 | 0.6 | 25.1 | <10 | 4 |

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**Client:** **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587211 | Drill Core | 3.00 | 0.29 | 154.86 | 2.66 | 56.5 | 104 | 64.9 | 26.6 | 826 | 4.40 | 0.6 | 0.4 | 2.0 | 1.2 | 195.9 | 0.04 | 0.09 | <0.02 | 151 | 4.67 |
| 2587212 | Drill Core | 2.64 | 0.66 | 137.87 | 2.73 | 57.7 | 110 | 67.6 | 25.7 | 882 | 4.54 | 1.0 | 0.4 | 1.8 | 1.3 | 240.0 | 0.06 | 0.13 | <0.02 | 168 | 6.55 |
| 2587213 | Drill Core | 4.00 | 0.30 | 151.16 | 2.97 | 63.3 | 89 | 64.4 | 26.6 | 889 | 4.27 | 0.9 | 0.5 | 1.7 | 1.2 | 229.6 | 0.07 | 0.16 | <0.02 | 154 | 6.86 |
| 2587214 | Drill Core | 2.22 | 1.37 | 148.38 | 2.91 | 61.9 | 86 | 65.8 | 28.2 | 1017 | 4.52 | 1.2 | 0.4 | 6.2 | 1.3 | 253.7 | 0.05 | 0.16 | <0.02 | 160 | 6.80 |
| 2587215 | Drill Core | 2.62 | 0.56 | 158.73 | 2.95 | 60.6 | 105 | 57.7 | 23.5 | 1050 | 4.16 | 0.6 | 0.5 | 3.4 | 1.4 | 280.5 | 0.03 | 0.14 | <0.02 | 148 | 8.29 |
| 2587216 | Drill Core | 3.52 | 0.40 | 176.15 | 3.72 | 59.7 | 132 | 68.9 | 28.4 | 1006 | 4.44 | 1.1 | 0.4 | 2.7 | 1.2 | 230.1 | 0.04 | 0.16 | <0.02 | 168 | 6.54 |
| 2587217 | Drill Core | 1.91 | 0.68 | 162.78 | 2.66 | 61.1 | 106 | 66.5 | 29.0 | 890 | 4.27 | 1.2 | 0.7 | 1.9 | 1.4 | 250.2 | 0.04 | 0.26 | <0.02 | 156 | 6.27 |
| 2587218 | Drill Core | 4.25 | 0.40 | 131.31 | 2.40 | 61.6 | 93 | 61.2 | 25.1 | 1023 | 4.38 | 1.0 | 0.6 | 2.5 | 1.3 | 232.1 | 0.03 | 0.16 | <0.02 | 167 | 7.30 |
| 2587219 | Drill Core | 4.35 | 0.41 | 137.33 | 2.25 | 63.1 | 93 | 67.7 | 28.6 | 993 | 4.63 | 0.9 | 0.5 | 2.5 | 1.3 | 211.1 | <0.01 | 0.11 | <0.02 | 168 | 5.71 |
| 2587220 | Rock | 1.13 | 0.05 | 0.57 | 0.11 | 0.5 | <2 | 0.4 | 0.4 | 16 | 0.02 | <0.1 | 1.6 | 0.4 | <0.1 | >2000 | 0.01 | <0.02 | <0.02 | <2 | 33.49 |
| 2587221 | Drill Core | 3.67 | 1.21 | 152.37 | 4.03 | 65.1 | 96 | 67.3 | 28.2 | 1080 | 4.69 | 2.1 | 0.4 | 3.3 | 1.4 | 212.4 | 0.03 | 0.15 | 0.03 | 171 | 5.23 |
| 2587222 | Drill Core | 3.74 | 1.31 | 152.84 | 2.91 | 68.5 | 77 | 75.3 | 29.7 | 1141 | 5.20 | 1.1 | 0.5 | 1.4 | 1.8 | 193.2 | 0.02 | 0.08 | <0.02 | 188 | 5.03 |
| 2587223 | Drill Core | 3.82 | 1.14 | 156.53 | 3.57 | 67.0 | 133 | 70.1 | 30.8 | 1115 | 5.08 | 1.0 | 0.5 | 4.4 | 2.0 | 205.8 | 0.04 | 0.08 | <0.02 | 193 | 5.20 |
| 2587224 | Drill Core | 2.03 | 1.66 | 153.87 | 5.20 | 81.6 | 128 | 68.1 | 29.4 | 1240 | 4.75 | 0.3 | 0.5 | 3.2 | 1.8 | 263.7 | 0.06 | 0.09 | <0.02 | 166 | 6.12 |
| 2587225 | Drill Core | 1.86 | 1.17 | 156.83 | 5.06 | 74.1 | 129 | 69.3 | 26.9 | 1291 | 4.42 | 0.6 | 0.5 | 2.4 | 1.7 | 285.7 | 0.05 | 0.09 | 0.02 | 158 | 6.60 |
| 2587226 | Drill Core | 3.31 | 2.65 | 37.17 | 2.38 | 66.6 | 72 | 4.9 | 12.9 | 865 | 3.87 | 2.0 | 0.6 | 3.8 | 2.9 | 85.7 | 0.08 | 0.32 | 0.03 | 58 | 2.07 |
| 2587227 | Drill Core | 3.36 | 2.75 | 21.30 | 2.21 | 69.8 | 48 | 1.0 | 11.5 | 829 | 3.74 | 1.7 | 0.5 | 1.6 | 2.4 | 85.7 | 0.07 | 0.21 | <0.02 | 42 | 2.10 |
| 2587228 | Drill Core | 1.70 | 2.41 | 30.95 | 2.47 | 64.7 | 72 | 1.7 | 11.7 | 845 | 3.80 | 1.7 | 0.5 | 2.0 | 2.7 | 86.4 | 0.07 | 0.29 | <0.02 | 60 | 1.51 |
| 2587229 | Drill Core | 3.04 | 0.51 | 49.97 | 7.49 | 57.5 | 69 | 4.5 | 10.5 | 812 | 3.26 | 0.5 | 0.3 | 1.0 | 1.5 | 112.7 | 0.05 | 0.13 | <0.02 | 68 | 2.23 |
| 2587230 | Drill Core | 3.15 | 0.92 | 57.34 | 2.99 | 66.5 | 82 | 4.6 | 10.8 | 710 | 3.51 | 0.8 | 0.3 | 0.4 | 1.4 | 124.3 | 0.03 | 0.13 | <0.02 | 80 | 1.26 |
| 2587231 | Drill Core | 2.43 | 0.47 | 61.56 | 4.21 | 64.0 | 104 | 5.0 | 11.2 | 744 | 3.31 | 1.3 | 0.3 | 1.0 | 1.5 | 109.8 | 0.04 | 0.25 | 0.02 | 68 | 1.80 |
| 2587232 | Drill Core | 1.36 | 0.83 | 112.87 | 8.01 | 39.2 | 243 | 48.8 | 23.3 | 994 | 4.07 | 5.0 | 0.3 | 3.7 | 1.5 | 180.5 | 0.04 | 0.49 | 0.02 | 139 | 6.63 |
| 2587233 | Drill Core | 2.12 | 0.87 | 158.55 | 7.15 | 51.1 | 256 | 53.4 | 26.9 | 1033 | 4.20 | 10.4 | 0.5 | 4.3 | 1.7 | 299.4 | 0.13 | 0.60 | 0.02 | 85 | 7.11 |
| 2587234 | Drill Core | 2.78 | 0.71 | 177.68 | 10.73 | 62.8 | 311 | 68.2 | 28.8 | 981 | 4.97 | 3.5 | 0.5 | 2.8 | 1.9 | 225.8 | 0.10 | 1.29 | <0.02 | 177 | 6.19 |
| 2587235 | Drill Core | 4.12 | 4.83 | 134.47 | 6.32 | 55.7 | 186 | 46.3 | 23.4 | 1117 | 4.31 | 5.5 | 0.5 | 2.3 | 1.8 | 339.9 | 0.14 | 0.61 | 0.04 | 96 | 7.37 |
| 2587236 | Drill Core | 2.25 | 1.84 | 82.25 | 5.15 | 40.3 | 175 | 42.1 | 18.9 | 967 | 4.05 | 3.4 | 0.3 | 5.6 | 1.2 | 234.8 | 0.09 | 0.56 | <0.02 | 129 | 7.72 |
| 2587237 | Drill Core | 4.25 | 1.00 | 124.58 | 5.23 | 58.4 | 102 | 49.7 | 22.1 | 977 | 4.58 | 0.8 | 0.5 | 1.2 | 1.6 | 246.8 | 0.07 | 0.23 | <0.02 | 159 | 7.82 |
| 2587238 | Drill Core | 4.53 | 0.17 | 141.90 | 3.30 | 54.6 | 85 | 46.9 | 19.8 | 1089 | 4.01 | 1.5 | 0.5 | 2.0 | 1.2 | 270.7 | 0.03 | 0.15 | <0.02 | 151 | 9.20 |
| 2587239 | Drill Core | 4.13 | 2.10 | 157.50 | 3.00 | 50.7 | 89 | 45.2 | 19.4 | 947 | 3.54 | 0.9 | 0.6 | 1.4 | 1.0 | 230.7 | 0.11 | 0.09 | <0.02 | 133 | 8.77 |
| 2587240 | Drill Core | 3.97 | 0.47 | 175.49 | 2.97 | 57.6 | 99 | 57.6 | 24.2 | 950 | 4.20 | 1.0 | 0.6 | 2.4 | 1.1 | 220.4 | 0.06 | 0.12 | <0.02 | 152 | 7.26 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587211 | Drill Core | 0.199 | 4.2 | 172.9 | 2.92 | 893.8 | 0.217 | 2 | 2.77 | 0.050 | 2.00 | 0.2 | 5.1 | 0.15 | 0.08 | 71 | <0.1 | <0.02 | 7.1 | 2.59 | 0.2 |
| 2587212 | Drill Core | 0.164 | 3.8 | 174.0 | 2.23 | 452.1 | 0.177 | <1 | 2.53 | 0.055 | 1.56 | 0.3 | 7.6 | 0.12 | 0.12 | 18 | <0.1 | <0.02 | 7.7 | 1.69 | 0.2 |
| 2587213 | Drill Core | 0.204 | 4.7 | 179.9 | 2.49 | 318.8 | 0.217 | <1 | 2.81 | 0.034 | 2.16 | 0.1 | 6.8 | 0.14 | 0.04 | 6 | <0.1 | 0.02 | 6.7 | 1.95 | 0.2 |
| 2587214 | Drill Core | 0.195 | 5.0 | 186.8 | 2.73 | 325.2 | 0.209 | 2 | 3.02 | 0.035 | 2.10 | 0.2 | 8.3 | 0.14 | 0.07 | 8 | <0.1 | 0.05 | 7.8 | 2.26 | 0.3 |
| 2587215 | Drill Core | 0.191 | 6.1 | 180.3 | 2.32 | 135.7 | 0.140 | 2 | 2.37 | 0.032 | 0.69 | 0.2 | 10.7 | 0.06 | 0.09 | 56 | <0.1 | <0.02 | 7.3 | 0.84 | 0.2 |
| 2587216 | Drill Core | 0.205 | 5.4 | 188.5 | 2.81 | 378.0 | 0.215 | <1 | 3.04 | 0.033 | 2.07 | 0.1 | 6.5 | 0.16 | 0.09 | 29 | <0.1 | <0.02 | 7.6 | 2.58 | 0.2 |
| 2587217 | Drill Core | 0.190 | 6.4 | 185.2 | 2.88 | 152.0 | 0.185 | 1 | 2.84 | 0.032 | 1.77 | 0.1 | 9.3 | 0.12 | 0.03 | <5 | <0.1 | 0.03 | 7.4 | 2.27 | 0.2 |
| 2587218 | Drill Core | 0.192 | 5.7 | 178.8 | 2.93 | 115.6 | 0.171 | <1 | 2.92 | 0.027 | 1.41 | 0.2 | 8.8 | 0.10 | 0.05 | 24 | <0.1 | <0.02 | 8.3 | 1.98 | 0.1 |
| 2587219 | Drill Core | 0.193 | 6.6 | 185.0 | 3.58 | 473.0 | 0.192 | <1 | 3.39 | 0.030 | 2.09 | 0.2 | 8.3 | 0.13 | 0.04 | <5 | <0.1 | 0.03 | 8.4 | 2.89 | 0.2 |
| 2587220 | Rock | 0.004 | <0.5 | 0.8 | 1.27 | 10.5 | <0.001 | <1 | 0.02 | 0.002 | <0.01 | <0.1 | 2.3 | <0.02 | 0.05 | <5 | <0.1 | 0.34 | <0.1 | <0.02 | <0.1 |
| 2587221 | Drill Core | 0.205 | 7.4 | 185.1 | 3.61 | 325.4 | 0.177 | <1 | 3.42 | 0.032 | 1.77 | 0.1 | 7.6 | 0.11 | 0.12 | 15 | <0.1 | 0.03 | 8.8 | 2.55 | 0.2 |
| 2587222 | Drill Core | 0.212 | 9.7 | 191.6 | 3.93 | 310.8 | 0.129 | 2 | 3.61 | 0.027 | 1.50 | 0.3 | 11.3 | 0.12 | 0.05 | <5 | <0.1 | <0.02 | 10.3 | 2.56 | 0.4 |
| 2587223 | Drill Core | 0.210 | 10.4 | 192.8 | 3.83 | 457.0 | 0.154 | 2 | 3.77 | 0.027 | 1.95 | <0.1 | 13.5 | 0.20 | 0.05 | <5 | <0.1 | 0.02 | 10.6 | 3.41 | 0.3 |
| 2587224 | Drill Core | 0.208 | 8.6 | 185.7 | 3.19 | 20.5 | 0.013 | <1 | 3.01 | 0.020 | 0.11 | <0.1 | 11.1 | <0.02 | 0.23 | <5 | <0.1 | 0.03 | 9.9 | 0.20 | <0.1 |
| 2587225 | Drill Core | 0.203 | 8.9 | 184.1 | 3.00 | 24.3 | 0.013 | 2 | 2.87 | 0.018 | 0.11 | <0.1 | 11.0 | <0.02 | 0.21 | <5 | <0.1 | 0.02 | 9.7 | 0.21 | <0.1 |
| 2587226 | Drill Core | 0.148 | 9.2 | 13.5 | 1.17 | 34.2 | 0.081 | 2 | 1.46 | 0.051 | 0.33 | 0.1 | 3.8 | 0.06 | 0.47 | <5 | 0.2 | <0.02 | 8.1 | 0.38 | 0.1 |
| 2587227 | Drill Core | 0.149 | 7.3 | 1.8 | 0.86 | 26.2 | 0.115 | 1 | 1.16 | 0.059 | 0.30 | 0.2 | 2.6 | 0.04 | 0.16 | <5 | <0.1 | <0.02 | 7.4 | 0.28 | 0.2 |
| 2587228 | Drill Core | 0.139 | 7.5 | 5.3 | 1.29 | 60.3 | 0.126 | <1 | 1.70 | 0.051 | 0.81 | 0.2 | 4.0 | 0.15 | 0.26 | 5 | <0.1 | <0.02 | 8.1 | 1.41 | 0.1 |
| 2587229 | Drill Core | 0.136 | 5.9 | 5.1 | 1.32 | 68.8 | 0.135 | 1 | 2.19 | 0.048 | 0.97 | 0.2 | 3.8 | 0.18 | 0.15 | 11 | <0.1 | <0.02 | 7.5 | 1.52 | 0.1 |
| 2587230 | Drill Core | 0.145 | 4.8 | 8.9 | 1.59 | 102.8 | 0.184 | <1 | 2.48 | 0.082 | 1.36 | 0.2 | 4.9 | 0.21 | 0.22 | 5 | <0.1 | <0.02 | 8.2 | 1.60 | 0.2 |
| 2587231 | Drill Core | 0.149 | 5.8 | 7.0 | 1.35 | 68.0 | 0.120 | <1 | 2.08 | 0.049 | 0.87 | 0.1 | 3.9 | 0.15 | 0.25 | 8 | <0.1 | <0.02 | 7.5 | 1.37 | 0.2 |
| 2587232 | Drill Core | 0.163 | 6.4 | 146.0 | 2.06 | 183.4 | 0.107 | <1 | 2.70 | 0.052 | 1.10 | 0.2 | 10.4 | 0.13 | 0.37 | 11 | <0.1 | <0.02 | 7.4 | 1.23 | 0.2 |
| 2587233 | Drill Core | 0.202 | 7.9 | 96.7 | 2.13 | 63.5 | 0.031 | 2 | 2.27 | 0.031 | 0.38 | <0.1 | 9.5 | 0.05 | 0.35 | 18 | <0.1 | 0.05 | 5.2 | 0.67 | 0.1 |
| 2587234 | Drill Core | 0.212 | 8.3 | 187.7 | 2.97 | 274.2 | 0.173 | 2 | 3.60 | 0.057 | 1.79 | 0.1 | 14.8 | 0.16 | 0.33 | 55 | <0.1 | 0.03 | 8.8 | 2.16 | 0.2 |
| 2587235 | Drill Core | 0.198 | 8.2 | 104.1 | 2.21 | 139.8 | 0.068 | 2 | 2.37 | 0.040 | 0.70 | 0.1 | 10.3 | 0.08 | 0.22 | 19 | 0.1 | 0.05 | 5.4 | 1.46 | 0.1 |
| 2587236 | Drill Core | 0.148 | 7.0 | 127.0 | 2.01 | 27.4 | 0.024 | 2 | 2.21 | 0.016 | 0.14 | 0.2 | 9.8 | <0.02 | 0.43 | 9 | <0.1 | 0.05 | 6.6 | 0.31 | 0.2 |
| 2587237 | Drill Core | 0.207 | 6.8 | 177.2 | 2.51 | 229.4 | 0.183 | <1 | 2.97 | 0.031 | 1.82 | 0.3 | 10.4 | 0.13 | 0.10 | <5 | <0.1 | 0.03 | 7.5 | 2.15 | 0.2 |
| 2587238 | Drill Core | 0.190 | 6.7 | 174.7 | 2.19 | 102.7 | 0.177 | <1 | 2.53 | 0.026 | 1.64 | 0.1 | 8.7 | 0.11 | 0.11 | 39 | <0.1 | <0.02 | 6.6 | 2.25 | 0.2 |
| 2587239 | Drill Core | 0.193 | 3.8 | 157.5 | 1.85 | 135.5 | 0.187 | <1 | 2.13 | 0.043 | 1.54 | 0.2 | 5.4 | 0.10 | 0.05 | 8 | <0.1 | <0.02 | 5.7 | 1.37 | 0.2 |
| 2587240 | Drill Core | 0.198 | 4.5 | 189.0 | 2.41 | 490.6 | 0.198 | 1 | 2.53 | 0.042 | 1.64 | 0.2 | 7.2 | 0.09 | 0.08 | 18 | <0.1 | <0.02 | 6.8 | 1.62 | 0.3 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587211 | Drill Core | 0.04 | 0.04 | 43.5 | 0.4 | <0.05 | 1.1 | 4.24 | 7.8 | <0.02 | <1 | 0.3 | 27.2 | 10 | 3 |
| 2587212 | Drill Core | 0.04 | 0.03 | 39.9 | 0.4 | <0.05 | 1.6 | 4.65 | 7.4 | <0.02 | <1 | 0.5 | 20.8 | <10 | 4 |
| 2587213 | Drill Core | 0.04 | 0.03 | 54.1 | 0.2 | <0.05 | 1.4 | 4.39 | 8.8 | <0.02 | <1 | 0.3 | 27.3 | <10 | 5 |
| 2587214 | Drill Core | 0.03 | 0.02 | 51.6 | 0.3 | <0.05 | 1.2 | 4.78 | 9.2 | <0.02 | <1 | 0.5 | 27.1 | <10 | 4 |
| 2587215 | Drill Core | 0.05 | 0.03 | 17.0 | 0.4 | <0.05 | 1.5 | 5.37 | 11.3 | <0.02 | <1 | 0.5 | 20.9 | 12 | 4 |
| 2587216 | Drill Core | <0.02 | 0.03 | 52.2 | 0.3 | <0.05 | 0.8 | 4.87 | 10.2 | <0.02 | <1 | 0.5 | 30.7 | <10 | 5 |
| 2587217 | Drill Core | 0.07 | 0.02 | 46.6 | 0.5 | <0.05 | 1.5 | 5.27 | 11.8 | <0.02 | <1 | 0.3 | 25.9 | <10 | 3 |
| 2587218 | Drill Core | 0.06 | 0.04 | 37.3 | 0.3 | <0.05 | 1.3 | 5.15 | 10.5 | <0.02 | <1 | 0.6 | 28.6 | <10 | 4 |
| 2587219 | Drill Core | 0.05 | 0.04 | 50.3 | 0.4 | <0.05 | 1.1 | 5.26 | 12.1 | <0.02 | <1 | 0.7 | 33.7 | <10 | 4 |
| 2587220 | Rock | <0.02 | 0.03 | <0.1 | <0.1 | <0.05 | <0.1 | 0.93 | 0.1 | <0.02 | <1 | <0.1 | 0.1 | <10 | <2 |
| 2587221 | Drill Core | 0.04 | 0.03 | 46.2 | 0.4 | <0.05 | 0.9 | 5.87 | 14.0 | <0.02 | <1 | 0.7 | 35.3 | 11 | 4 |
| 2587222 | Drill Core | 0.02 | 0.03 | 41.9 | 0.4 | <0.05 | 0.8 | 7.60 | 18.5 | <0.02 | <1 | 0.5 | 38.6 | 12 | 3 |
| 2587223 | Drill Core | 0.02 | 0.02 | 63.7 | 0.3 | <0.05 | 0.9 | 7.77 | 19.7 | <0.02 | <1 | 0.9 | 36.2 | <10 | 3 |
| 2587224 | Drill Core | 0.02 | <0.02 | 4.6 | 0.5 | <0.05 | 0.9 | 7.64 | 16.5 | <0.02 | <1 | 0.4 | 37.9 | <10 | 5 |
| 2587225 | Drill Core | 0.03 | <0.02 | 4.5 | 0.5 | <0.05 | 0.9 | 7.52 | 17.0 | 0.03 | <1 | 0.7 | 33.2 | <10 | 4 |
| 2587226 | Drill Core | 0.06 | 0.10 | 14.8 | 1.3 | <0.05 | 1.9 | 10.76 | 18.0 | <0.02 | <1 | 0.3 | 15.2 | <10 | <2 |
| 2587227 | Drill Core | 0.10 | 0.21 | 14.6 | 0.5 | <0.05 | 2.2 | 9.52 | 14.7 | <0.02 | <1 | 0.2 | 15.3 | <10 | <2 |
| 2587228 | Drill Core | 0.05 | 0.08 | 43.3 | 0.8 | <0.05 | 1.9 | 10.36 | 15.2 | 0.03 | <1 | 0.4 | 21.2 | <10 | <2 |
| 2587229 | Drill Core | <0.02 | 0.08 | 56.9 | 1.0 | <0.05 | 0.8 | 8.52 | 11.9 | <0.02 | <1 | 0.6 | 26.9 | <10 | <2 |
| 2587230 | Drill Core | 0.03 | 0.06 | 67.8 | 0.8 | <0.05 | 0.9 | 8.56 | 10.0 | <0.02 | <1 | 0.2 | 27.9 | <10 | <2 |
| 2587231 | Drill Core | <0.02 | 0.06 | 47.1 | 0.8 | <0.05 | 0.7 | 8.83 | 12.1 | <0.02 | <1 | 0.6 | 18.9 | <10 | <2 |
| 2587232 | Drill Core | 0.03 | 0.02 | 37.9 | 0.2 | <0.05 | 1.0 | 6.31 | 11.9 | <0.02 | <1 | 0.4 | 21.5 | <10 | 3 |
| 2587233 | Drill Core | 0.03 | <0.02 | 12.8 | 0.2 | <0.05 | 1.3 | 7.73 | 14.7 | 0.02 | <1 | 0.5 | 20.8 | <10 | 4 |
| 2587234 | Drill Core | <0.02 | 0.02 | 53.2 | 1.6 | <0.05 | 0.9 | 8.23 | 15.8 | 0.03 | <1 | 0.3 | 29.0 | 13 | 4 |
| 2587235 | Drill Core | <0.02 | <0.02 | 24.9 | 0.3 | <0.05 | 1.0 | 8.26 | 15.2 | 0.03 | <1 | 0.7 | 19.5 | 11 | 6 |
| 2587236 | Drill Core | <0.02 | 0.02 | 4.6 | 0.2 | <0.05 | 0.8 | 6.22 | 12.7 | <0.02 | <1 | 0.3 | 21.1 | <10 | 2 |
| 2587237 | Drill Core | 0.03 | 0.03 | 48.9 | 0.4 | <0.05 | 0.9 | 6.26 | 12.7 | <0.02 | <1 | 0.3 | 24.5 | <10 | 4 |
| 2587238 | Drill Core | 0.04 | 0.03 | 46.5 | 0.2 | <0.05 | 1.3 | 5.71 | 12.4 | <0.02 | <1 | 0.4 | 23.9 | <10 | 5 |
| 2587239 | Drill Core | 0.06 | 0.04 | 39.7 | 0.2 | <0.05 | 1.6 | 3.63 | 7.2 | <0.02 | <1 | 0.1 | 21.2 | 11 | 3 |
| 2587240 | Drill Core | 0.06 | 0.03 | 33.3 | 0.2 | <0.05 | 1.5 | 4.30 | 8.5 | <0.02 | <1 | 0.4 | 26.5 | 11 | <2 |

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Project: TRX16-01
Report Date: November 01, 2016



# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| 2587241 | Drill Core | 4.39 | 5.55 | 143.78 | 3.10 | 57.0 | 121 | 59.8 | 25.0 | 993 | 4.27 | 1.1 | 0.6 | 2.1 | 1.1 | 239.3 | 0.04 | 0.12 | <0.02 | 157 | 8.10 |
| 2587242 | Drill Core | 4.52 | 0.89 | 147.34 | 2.97 | 65.4 | 85 | 68.9 | 27.6 | 848 | 4.51 | 0.9 | 0.4 | 5.7 | 1.1 | 194.3 | 0.06 | 0.11 | <0.02 | 155 | 4.50 |
| 2587243 | Drill Core | 4.26 | 0.42 | 158.76 | 1.62 | 55.0 | 84 | 63.6 | 24.9 | 662 | 4.06 | 0.5 | 0.3 | 2.3 | 1.1 | 110.0 | 0.03 | 0.07 | <0.02 | 138 | 2.45 |
| 2587244 | Drill Core | 2.20 | 0.54 | 169.01 | 2.18 | 56.6 | 83 | 67.0 | 26.2 | 860 | 4.08 | 0.7 | 0.4 | 6.2 | 1.2 | 197.8 | 0.03 | 0.08 | <0.02 | 140 | 4.95 |
| 2587245 | Drill Core | 2.24 | 0.38 | 188.01 | 2.43 | 58.4 | 96 | 63.3 | 25.3 | 906 | 4.13 | 0.8 | 0.4 | 4.2 | 1.2 | 217.7 | 0.05 | 0.07 | <0.02 | 144 | 5.68 |
| 2587246 | Drill Core | 4.18 | 1.36 | 159.91 | 3.49 | 50.0 | 139 | 61.6 | 23.8 | 772 | 3.92 | 3.0 | 0.3 | <0.2 | 0.9 | 178.2 | 0.04 | 0.14 | 0.03 | 138 | 5.48 |
| 2587247 | Drill Core | 2.21 | 0.56 | 149.03 | 1.95 | 54.2 | 84 | 65.6 | 24.6 | 790 | 3.85 | 0.7 | 0.4 | <0.2 | 1.2 | 211.5 | 0.03 | 0.15 | <0.02 | 134 | 4.75 |
| 2587248 | Drill Core | 3.86 | 0.79 | 163.85 | 1.62 | 47.3 | 86 | 60.4 | 22.7 | 622 | 3.57 | 0.5 | 0.4 | <0.2 | 1.1 | 128.2 | 0.03 | 0.09 | <0.02 | 121 | 2.47 |

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Project: TRX16-01
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# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| 2587241 | Drill Core | 0.195 | 4.3 | 187.2 | 2.61 | 315.2 | 0.185 | 1 | 2.71 | 0.035 | 1.66 | 0.2 | 8.4 | 0.09 | 0.06 | 20 | 0.1 | <0.02 | 7.4 | 1.67 | 0.2 |
| 2587242 | Drill Core | 0.211 | 4.7 | 179.5 | 3.28 | 267.8 | 0.204 | 1 | 3.02 | 0.040 | 1.99 | 0.2 | 7.2 | 0.10 | 0.06 | 9 | <0.1 | <0.02 | 8.1 | 2.66 | 0.2 |
| 2587243 | Drill Core | 0.208 | 5.6 | 159.1 | 3.05 | 156.7 | 0.220 | <1 | 2.90 | 0.035 | 2.46 | 0.2 | 2.9 | 0.12 | 0.03 | <5 | <0.1 | <0.02 | 7.6 | 2.88 | 0.1 |
| 2587244 | Drill Core | 0.195 | 6.7 | 167.0 | 2.85 | 182.4 | 0.197 | <1 | 2.73 | 0.039 | 1.93 | 0.1 | 5.2 | 0.09 | 0.04 | <5 | <0.1 | <0.02 | 7.6 | 2.56 | 0.1 |
| 2587245 | Drill Core | 0.210 | 6.7 | 166.6 | 2.81 | 189.1 | 0.206 | <1 | 2.79 | 0.037 | 2.01 | 0.1 | 5.6 | 0.10 | 0.05 | <5 | <0.1 | <0.02 | 7.0 | 2.62 | 0.2 |
| 2587246 | Drill Core | 0.191 | 5.5 | 156.3 | 2.57 | 261.8 | 0.208 | <1 | 2.76 | 0.055 | 1.92 | 0.1 | 4.0 | 0.09 | 0.18 | 15 | 0.3 | <0.02 | 7.7 | 2.84 | 0.2 |
| 2587247 | Drill Core | 0.202 | 6.7 | 164.5 | 2.71 | 76.4 | 0.177 | <1 | 2.36 | 0.051 | 1.40 | 0.1 | 7.1 | 0.07 | 0.06 | 6 | 0.1 | <0.02 | 7.6 | 1.92 | 0.2 |
| 2587248 | Drill Core | 0.207 | 6.4 | 155.3 | 2.55 | 79.2 | 0.197 | <1 | 2.38 | 0.058 | 1.73 | 0.2 | 4.3 | 0.08 | 0.03 | <5 | <0.1 | <0.02 | 6.5 | 2.16 | 0.2 |

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# CERTIFICATE OF ANALYSIS VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | MDL | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| 2587241 | Drill Core | 0.05 | 0.04 | 35.8 | 0.2 | <0.05 | 1.2 | 4.33 | 8.4 | <0.02 | 1 | 0.5 | 26.2 | 11 | <2 |
| 2587242 | Drill Core | 0.06 | 0.03 | 48.7 | 0.3 | <0.05 | 1.4 | 4.56 | 8.9 | <0.02 | <1 | 0.6 | 33.4 | <10 | 3 |
| 2587243 | Drill Core | 0.03 | 0.03 | 64.0 | 0.3 | <0.05 | 1.1 | 4.28 | 10.4 | <0.02 | <1 | 0.2 | 33.7 | <10 | 4 |
| 2587244 | Drill Core | 0.04 | 0.03 | 49.7 | 0.3 | <0.05 | 1.2 | 5.12 | 12.2 | <0.02 | <1 | 0.2 | 27.5 | 13 | 2 |
| 2587245 | Drill Core | 0.05 | 0.03 | 51.4 | 0.2 | <0.05 | 1.3 | 5.19 | 12.5 | <0.02 | <1 | 0.5 | 30.4 | 13 | 3 |
| 2587246 | Drill Core | 0.03 | 0.06 | 49.5 | 0.2 | <0.05 | 0.9 | 4.55 | 10.5 | <0.02 | <1 | 0.7 | 28.7 | 12 | 7 |
| 2587247 | Drill Core | 0.08 | 0.04 | 38.3 | 0.3 | <0.05 | 1.8 | 4.72 | 12.3 | <0.02 | <1 | 0.4 | 28.1 | <10 | 6 |
| 2587248 | Drill Core | 0.07 | 0.06 | 48.6 | 0.2 | <0.05 | 1.8 | 4.39 | 11.7 | <0.02 | <1 | 0.3 | 26.7 | <10 | 5 |

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# QUALITY CONTROL REPORT VAN16001756.1

| | Method | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | Unit | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2587023 | Drill Core | 4.11 | 14.84 | 61.86 | 7.63 | 97.2 | 180 | 39.2 | 12.1 | 463 | 3.20 | 1.6 | 0.7 | <0.2 | 2.0 | 194.8 | 0.83 | 0.70 | 0.12 | 77 | 6.89 |
| REP 2587023 | QC | | 14.43 | 61.48 | 7.61 | 94.4 | 182 | 39.8 | 12.2 | 458 | 3.19 | 1.5 | 0.7 | <0.2 | 1.9 | 190.5 | 0.73 | 0.72 | 0.12 | 77 | 6.94 |
| 2587057 | Drill Core | 2.49 | 1.93 | 180.51 | 2.88 | 47.2 | 122 | 55.7 | 22.5 | 593 | 3.21 | 0.8 | 0.4 | 1.2 | 1.1 | 224.2 | 0.05 | 0.05 | 0.04 | 107 | 3.27 |
| REP 2587057 | QC | | 1.84 | 184.17 | 2.92 | 46.2 | 117 | 58.0 | 22.6 | 587 | 3.21 | 0.9 | 0.4 | 1.2 | 1.1 | 228.3 | 0.05 | 0.05 | 0.04 | 107 | 3.28 |
| 2587092 | Drill Core | 3.75 | 0.51 | 169.48 | 2.90 | 44.3 | 108 | 50.0 | 18.6 | 617 | 2.94 | 1.7 | 0.5 | 1.9 | 1.3 | 188.8 | 0.07 | 0.07 | <0.02 | 109 | 5.26 |
| REP 2587092 | QC | | 0.47 | 167.08 | 2.83 | 43.8 | 119 | 49.5 | 18.3 | 603 | 2.99 | 1.8 | 0.5 | 1.8 | 1.2 | 195.0 | 0.09 | 0.06 | <0.02 | 111 | 5.17 |
| 2587107 | Drill Core | 4.34 | 0.39 | 151.62 | 3.82 | 61.0 | 135 | 65.7 | 26.9 | 880 | 4.10 | 1.6 | 0.5 | 3.8 | 1.2 | 196.5 | 0.08 | 0.13 | <0.02 | 155 | 6.70 |
| REP 2587107 | QC | | 0.40 | 149.97 | 3.68 | 60.1 | 131 | 65.7 | 27.0 | 866 | 4.07 | 1.3 | 0.4 | 2.7 | 1.2 | 192.6 | 0.10 | 0.11 | <0.02 | 153 | 6.49 |
| 2587127 | Drill Core | 3.48 | 0.33 | 6.77 | 8.65 | 76.5 | 52 | 5.8 | 5.3 | 441 | 2.45 | 1.4 | 1.2 | 6.4 | 7.3 | 262.9 | 0.05 | 0.26 | 0.04 | 34 | 1.76 |
| REP 2587127 | QC | | 0.32 | 6.81 | 8.39 | 75.1 | 48 | 5.5 | 5.1 | 420 | 2.42 | 1.3 | 1.1 | 4.4 | 6.9 | 250.5 | 0.05 | 0.24 | 0.04 | 33 | 1.72 |
| 2587162 | Drill Core | 3.91 | 3.01 | 21.64 | 9.83 | 76.3 | 77 | 6.9 | 4.9 | 838 | 2.99 | 5.2 | 1.3 | 4.7 | 5.9 | 479.9 | 0.05 | 0.82 | 0.44 | 38 | 2.31 |
| REP 2587162 | QC | | 3.06 | 20.99 | 9.90 | 74.1 | 80 | 7.1 | 5.0 | 800 | 2.96 | 5.4 | 1.3 | 3.6 | 5.6 | 474.5 | 0.06 | 0.81 | 0.43 | 38 | 2.27 |
| 2587197 | Drill Core | 3.42 | 0.73 | 207.32 | 18.98 | 76.9 | 267 | 72.5 | 30.6 | 962 | 4.22 | 1.6 | 0.5 | 46.0 | 1.3 | 266.1 | 0.21 | 0.19 | 0.04 | 150 | 5.78 |
| REP 2587197 | QC | | 0.71 | 208.31 | 19.46 | 75.9 | 270 | 72.7 | 29.9 | 962 | 4.21 | 1.6 | 0.5 | 49.3 | 1.4 | 271.1 | 0.19 | 0.22 | 0.04 | 152 | 5.83 |
| 2587232 | Drill Core | 1.36 | 0.83 | 112.87 | 8.01 | 39.2 | 243 | 48.8 | 23.3 | 994 | 4.07 | 5.0 | 0.3 | 3.7 | 1.5 | 180.5 | 0.04 | 0.49 | 0.02 | 139 | 6.63 |
| REP 2587232 | QC | | 0.85 | 110.47 | 8.20 | 38.1 | 245 | 48.0 | 22.8 | 1006 | 4.09 | 5.3 | 0.3 | 3.3 | 1.5 | 184.5 | 0.06 | 0.55 | <0.02 | 141 | 6.71 |
| 2587247 | Drill Core | 2.21 | 0.56 | 149.03 | 1.95 | 54.2 | 84 | 65.6 | 24.6 | 790 | 3.85 | 0.7 | 0.4 | <0.2 | 1.2 | 211.5 | 0.03 | 0.15 | <0.02 | 134 | 4.75 |
| REP 2587247 | QC | | 0.61 | 158.49 | 2.04 | 55.7 | 89 | 69.2 | 26.5 | 790 | 4.07 | 0.5 | 0.5 | <0.2 | 1.2 | 223.7 | 0.05 | 0.14 | <0.02 | 143 | 5.01 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2587004 | Drill Core | 1.78 | 0.93 | 22.58 | 2.07 | 36.6 | 69 | 4.6 | 9.5 | 833 | 3.11 | 49.5 | 0.2 | 3.5 | 0.9 | 110.1 | 0.05 | 0.81 | <0.02 | 86 | 3.18 |
| DUP 2587004 | QC | | 0.93 | 20.71 | 1.99 | 36.2 | 38 | 3.8 | 9.0 | 822 | 3.02 | 48.5 | 0.2 | 0.9 | 0.8 | 107.2 | 0.03 | 0.79 | <0.02 | 84 | 3.07 |
| 2587038 | Drill Core | 4.33 | 1.53 | 206.40 | 3.14 | 45.7 | 88 | 69.8 | 27.7 | 571 | 3.39 | 1.6 | 0.8 | 2.3 | 1.7 | 266.5 | 0.08 | 0.15 | <0.02 | 110 | 4.57 |
| DUP 2587038 | QC | | 1.55 | 204.64 | 3.14 | 45.5 | 79 | 69.5 | 27.8 | 568 | 3.29 | 1.6 | 0.8 | 2.2 | 1.7 | 263.3 | 0.07 | 0.13 | <0.02 | 108 | 4.55 |
| 2587072 | Drill Core | 4.24 | 0.41 | 108.33 | 3.91 | 52.3 | 76 | 49.0 | 20.5 | 899 | 3.88 | 1.7 | 0.4 | 1.9 | 1.3 | 246.7 | 0.06 | 0.07 | <0.02 | 160 | 8.83 |
| DUP 2587072 | QC | | 0.37 | 104.75 | 3.84 | 52.1 | 70 | 49.2 | 20.4 | 931 | 3.85 | 1.6 | 0.4 | 1.3 | 1.3 | 251.0 | 0.04 | 0.08 | <0.02 | 158 | 8.92 |
| 2587106 | Drill Core | 4.40 | 0.44 | 165.43 | 2.73 | 51.3 | 117 | 62.6 | 24.9 | 685 | 3.19 | 1.4 | 0.8 | 3.2 | 1.5 | 184.1 | 0.05 | 0.22 | <0.02 | 113 | 5.01 |
| DUP 2587106 | QC | | 0.42 | 160.94 | 2.60 | 49.1 | 115 | 59.9 | 23.5 | 663 | 3.06 | 1.4 | 0.8 | 3.2 | 1.5 | 170.6 | 0.04 | 0.22 | <0.02 | 112 | 5.03 |
| 2587140 | Rock | 1.33 | 0.06 | 0.72 | 0.13 | 0.9 | 7 | 1.2 | 0.4 | 24 | 0.05 | 0.7 | 1.4 | 12.3 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.36 |

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# QUALITY CONTROL REPORT VAN16001756.1

| | Method | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | MDL | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2587023 | Drill Core | 0.131 | 8.7 | 27.8 | 0.63 | 21.0 | 0.127 | 2 | 1.61 | 0.130 | 0.08 | 0.7 | 7.6 | 0.14 | 1.77 | <5 | 0.8 | 0.08 | 5.0 | 0.24 | <0.1 |
| REP 2587023 | QC | 0.131 | 8.6 | 28.2 | 0.62 | 21.1 | 0.128 | 3 | 1.60 | 0.129 | 0.08 | 0.8 | 7.2 | 0.15 | 1.77 | <5 | 1.2 | 0.04 | 5.2 | 0.23 | <0.1 |
| 2587057 | Drill Core | 0.216 | 4.7 | 164.6 | 1.88 | 132.7 | 0.192 | 2 | 2.10 | 0.106 | 1.40 | 0.3 | 4.2 | 0.11 | 0.06 | <5 | <0.1 | <0.02 | 6.6 | 8.54 | 0.1 |
| REP 2587057 | QC | 0.227 | 4.6 | 168.8 | 1.90 | 133.7 | 0.193 | 2 | 2.10 | 0.107 | 1.40 | 0.2 | 4.2 | 0.11 | 0.06 | <5 | <0.1 | <0.02 | 6.6 | 8.65 | 0.1 |
| 2587092 | Drill Core | 0.194 | 4.7 | 155.7 | 1.40 | 174.3 | 0.171 | 2 | 1.94 | 0.111 | 1.45 | 0.2 | 3.5 | 0.09 | 0.04 | <5 | 0.2 | <0.02 | 5.9 | 5.46 | 0.1 |
| REP 2587092 | QC | 0.195 | 4.9 | 159.0 | 1.41 | 177.8 | 0.173 | 2 | 1.94 | 0.121 | 1.44 | 0.2 | 3.9 | 0.09 | 0.04 | <5 | <0.1 | <0.02 | 6.0 | 5.45 | 0.1 |
| 2587107 | Drill Core | 0.209 | 5.7 | 168.2 | 2.55 | 112.4 | 0.215 | 2 | 2.84 | 0.038 | 2.52 | 0.3 | 6.6 | 0.16 | 0.05 | 10 | <0.1 | <0.02 | 7.2 | 2.41 | 0.3 |
| REP 2587107 | QC | 0.205 | 5.6 | 168.8 | 2.50 | 108.8 | 0.215 | <1 | 2.77 | 0.038 | 2.48 | 0.2 | 6.3 | 0.17 | 0.05 | 9 | <0.1 | <0.02 | 7.2 | 2.36 | 0.3 |
| 2587127 | Drill Core | 0.077 | 14.1 | 10.0 | 0.67 | 55.2 | 0.118 | 1 | 1.85 | 0.163 | 0.49 | 0.2 | 2.7 | 0.26 | 0.13 | 6 | <0.1 | 0.02 | 8.3 | 1.27 | <0.1 |
| REP 2587127 | QC | 0.072 | 13.3 | 9.7 | 0.66 | 53.2 | 0.112 | 2 | 1.81 | 0.160 | 0.48 | 0.2 | 2.6 | 0.25 | 0.13 | 6 | <0.1 | 0.02 | 8.0 | 1.25 | <0.1 |
| 2587162 | Drill Core | 0.096 | 19.8 | 12.9 | 0.79 | 31.3 | 0.078 | 2 | 1.94 | 0.084 | 0.32 | 0.3 | 3.9 | 0.17 | 0.23 | 6 | 0.2 | 0.13 | 8.9 | 1.31 | <0.1 |
| REP 2587162 | QC | 0.102 | 20.2 | 12.7 | 0.78 | 31.9 | 0.076 | <1 | 1.91 | 0.084 | 0.32 | 0.2 | 3.8 | 0.16 | 0.23 | 8 | 0.2 | 0.15 | 8.9 | 1.30 | <0.1 |
| 2587197 | Drill Core | 0.212 | 6.2 | 191.2 | 2.85 | 329.9 | 0.164 | 1 | 2.81 | 0.045 | 1.45 | 0.2 | 8.0 | 0.13 | 0.15 | 12 | <0.1 | <0.02 | 7.8 | 2.52 | 0.2 |
| REP 2587197 | QC | 0.216 | 5.9 | 188.6 | 2.88 | 326.9 | 0.163 | 2 | 2.84 | 0.045 | 1.45 | 0.2 | 7.8 | 0.13 | 0.15 | 8 | <0.1 | <0.02 | 7.8 | 2.52 | 0.1 |
| 2587232 | Drill Core | 0.163 | 6.4 | 146.0 | 2.06 | 183.4 | 0.107 | <1 | 2.70 | 0.052 | 1.10 | 0.2 | 10.4 | 0.13 | 0.37 | 11 | <0.1 | <0.02 | 7.4 | 1.23 | 0.2 |
| REP 2587232 | QC | 0.177 | 6.6 | 150.2 | 2.11 | 187.3 | 0.109 | <1 | 2.74 | 0.051 | 1.10 | 0.2 | 10.3 | 0.14 | 0.37 | 13 | <0.1 | <0.02 | 7.6 | 1.26 | 0.2 |
| 2587247 | Drill Core | 0.202 | 6.7 | 164.5 | 2.71 | 76.4 | 0.177 | <1 | 2.36 | 0.051 | 1.40 | 0.1 | 7.1 | 0.07 | 0.06 | 6 | 0.1 | <0.02 | 7.6 | 1.92 | 0.2 |
| REP 2587247 | QC | 0.226 | 7.2 | 167.2 | 2.89 | 80.5 | 0.180 | <1 | 2.55 | 0.054 | 1.50 | 0.1 | 7.4 | 0.08 | 0.06 | <5 | 0.2 | <0.02 | 7.8 | 2.09 | 0.2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2587004 | Drill Core | 0.117 | 6.2 | 8.3 | 0.95 | 37.2 | 0.095 | 5 | 1.54 | 0.091 | 0.14 | 0.2 | 4.1 | 0.05 | 0.31 | <5 | <0.1 | <0.02 | 7.3 | 0.48 | <0.1 |
| DUP 2587004 | QC | 0.114 | 6.0 | 7.9 | 0.92 | 37.7 | 0.090 | 4 | 1.51 | 0.092 | 0.14 | 0.1 | 4.5 | 0.05 | 0.31 | <5 | <0.1 | 0.04 | 7.2 | 0.47 | 0.1 |
| 2587038 | Drill Core | 0.211 | 5.7 | 169.8 | 1.46 | 141.8 | 0.197 | 8 | 2.05 | 0.147 | 1.17 | 0.3 | 3.7 | 0.10 | 0.36 | <5 | <0.1 | <0.02 | 6.8 | 0.99 | <0.1 |
| DUP 2587038 | QC | 0.213 | 5.8 | 171.5 | 1.44 | 137.2 | 0.197 | 9 | 2.08 | 0.147 | 1.14 | 0.3 | 3.8 | 0.10 | 0.32 | <5 | <0.1 | <0.02 | 6.7 | 1.01 | <0.1 |
| 2587072 | Drill Core | 0.189 | 5.0 | 192.8 | 1.89 | 118.4 | 0.227 | 2 | 2.34 | 0.041 | 1.98 | 0.4 | 5.7 | 0.24 | 0.11 | 14 | <0.1 | <0.02 | 6.9 | 7.14 | 0.1 |
| DUP 2587072 | QC | 0.197 | 4.9 | 191.2 | 1.90 | 119.0 | 0.219 | 2 | 2.34 | 0.037 | 1.94 | 0.3 | 5.8 | 0.22 | 0.10 | 8 | <0.1 | <0.02 | 6.3 | 7.03 | 0.1 |
| 2587106 | Drill Core | 0.206 | 7.0 | 145.2 | 1.96 | 63.7 | 0.192 | 3 | 2.18 | 0.060 | 1.63 | 0.3 | 3.9 | 0.13 | 0.04 | 6 | <0.1 | <0.02 | 6.2 | 1.72 | 0.1 |
| DUP 2587106 | QC | 0.205 | 6.5 | 142.9 | 1.90 | 59.0 | 0.187 | 2 | 2.14 | 0.060 | 1.61 | 0.3 | 3.7 | 0.11 | 0.04 | <5 | <0.1 | <0.02 | 6.1 | 1.67 | 0.1 |
| 2587140 | Rock | 0.005 | <0.5 | 1.5 | 1.29 | 11.6 | 0.011 | <1 | 0.06 | 0.004 | <0.01 | <0.1 | 0.4 | <0.02 | 0.13 | <5 | <0.1 | 0.28 | 0.1 | <0.02 | <0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| Method | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| MDL | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| Pulp Duplicates | | | | | | | | | | | | | | | |
| 2587023 | Drill Core | 0.25 | 0.18 | 4.6 | 0.5 | <0.05 | 7.1 | 10.15 | 15.1 | <0.02 | 10 | 0.9 | 12.6 | 12 | <2 |
| REP 2587023 | QC | 0.25 | 0.21 | 4.6 | 0.4 | <0.05 | 7.0 | 9.67 | 15.0 | <0.02 | 11 | 0.5 | 12.2 | <10 | <2 |
| 2587057 | Drill Core | 0.11 | 0.05 | 43.8 | 0.4 | <0.05 | 3.4 | 3.75 | 8.7 | <0.02 | <1 | 0.3 | 27.5 | <10 | 4 |
| REP 2587057 | QC | 0.15 | 0.04 | 44.0 | 0.4 | <0.05 | 3.4 | 3.77 | 8.7 | <0.02 | <1 | 0.4 | 27.3 | <10 | 3 |
| 2587092 | Drill Core | 0.07 | 0.07 | 35.5 | 0.2 | <0.05 | 1.8 | 4.01 | 8.9 | <0.02 | <1 | 0.2 | 20.0 | <10 | 2 |
| REP 2587092 | QC | 0.07 | 0.10 | 34.4 | 0.2 | <0.05 | 1.9 | 4.19 | 9.0 | <0.02 | <1 | 0.3 | 19.6 | <10 | 4 |
| 2587107 | Drill Core | 0.04 | 0.05 | 60.3 | 0.2 | <0.05 | 1.1 | 4.62 | 10.6 | <0.02 | <1 | 0.6 | 27.1 | <10 | 5 |
| REP 2587107 | QC | 0.04 | 0.06 | 60.1 | 0.3 | <0.05 | 1.6 | 4.56 | 10.4 | <0.02 | <1 | 0.5 | 26.9 | <10 | 3 |
| 2587127 | Drill Core | 0.20 | 0.53 | 35.1 | 0.9 | <0.05 | 5.5 | 3.95 | 26.2 | <0.02 | <1 | 0.4 | 14.2 | <10 | <2 |
| REP 2587127 | QC | 0.21 | 0.54 | 34.2 | 0.9 | <0.05 | 5.1 | 3.90 | 24.8 | <0.02 | <1 | 0.6 | 13.9 | <10 | <2 |
| 2587162 | Drill Core | 0.09 | 0.25 | 22.3 | 1.1 | <0.05 | 2.8 | 11.58 | 36.3 | 0.02 | 5 | 0.7 | 23.1 | <10 | <2 |
| REP 2587162 | QC | 0.07 | 0.22 | 21.8 | 1.1 | <0.05 | 2.8 | 11.62 | 36.7 | 0.03 | 4 | 0.5 | 22.2 | <10 | <2 |
| 2587197 | Drill Core | 0.06 | 0.03 | 35.4 | 0.5 | <0.05 | 1.5 | 5.55 | 11.0 | <0.02 | <1 | 0.7 | 28.3 | <10 | 5 |
| REP 2587197 | QC | 0.05 | 0.03 | 35.7 | 0.6 | <0.05 | 1.4 | 5.42 | 11.5 | <0.02 | <1 | 0.6 | 29.4 | <10 | 4 |
| 2587232 | Drill Core | 0.03 | 0.02 | 37.9 | 0.2 | <0.05 | 1.0 | 6.31 | 11.9 | <0.02 | <1 | 0.4 | 21.5 | <10 | 3 |
| REP 2587232 | QC | <0.02 | 0.02 | 38.0 | 0.3 | <0.05 | 0.9 | 6.14 | 12.2 | 0.02 | <1 | 0.7 | 20.0 | 12 | 3 |
| 2587247 | Drill Core | 0.08 | 0.04 | 38.3 | 0.3 | <0.05 | 1.8 | 4.72 | 12.3 | <0.02 | <1 | 0.4 | 28.1 | <10 | 6 |
| REP 2587247 | QC | 0.05 | 0.05 | 40.6 | 0.3 | <0.05 | 1.8 | 5.16 | 13.3 | <0.02 | <1 | 0.4 | 27.4 | 21 | 5 |
| Core Reject Duplicates | | | | | | | | | | | | | | | |
| 2587004 | Drill Core | 0.22 | 0.07 | 5.4 | 0.3 | <0.05 | 5.7 | 8.58 | 11.9 | 0.03 | <1 | 0.2 | 14.2 | <10 | <2 |
| DUP 2587004 | QC | 0.17 | 0.06 | 5.2 | 0.3 | <0.05 | 5.7 | 8.63 | 11.7 | <0.02 | <1 | 0.4 | 13.4 | <10 | <2 |
| 2587038 | Drill Core | 0.14 | 0.08 | 26.7 | 4.7 | <0.05 | 3.4 | 5.08 | 10.6 | <0.02 | <1 | 0.3 | 20.2 | 10 | 5 |
| DUP 2587038 | QC | 0.14 | 0.08 | 26.1 | 0.2 | <0.05 | 3.3 | 5.05 | 10.7 | <0.02 | 1 | 0.4 | 19.5 | 15 | 4 |
| 2587072 | Drill Core | 0.04 | 0.05 | 55.4 | 0.3 | <0.05 | 1.1 | 4.37 | 8.7 | <0.02 | <1 | 0.5 | 29.5 | 12 | 5 |
| DUP 2587072 | QC | 0.03 | 0.04 | 54.4 | 0.2 | <0.05 | 1.1 | 4.34 | 8.3 | <0.02 | <1 | 0.5 | 28.9 | <10 | 5 |
| 2587106 | Drill Core | 0.06 | 0.05 | 49.4 | 0.2 | <0.05 | 2.1 | 4.76 | 12.4 | <0.02 | <1 | 0.4 | 23.7 | <10 | 4 |
| DUP 2587106 | QC | 0.06 | 0.05 | 48.5 | 0.2 | <0.05 | 2.0 | 4.34 | 11.8 | <0.02 | <1 | 0.3 | 22.9 | <10 | 4 |
| 2587140 | Rock | <0.02 | 0.07 | 0.1 | <0.1 | <0.05 | 0.5 | 0.55 | 0.4 | <0.02 | 2 | <0.1 | 0.3 | <10 | 2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| DUP 2587140 | QC | | 0.04 | 0.78 | 0.12 | 1.2 | 8 | 1.3 | 0.4 | 25 | 0.06 | 0.8 | 1.4 | 19.7 | <0.1 | >2000 | <0.01 | <0.02 | <0.02 | <2 | 33.83 |
| 2587174 | Drill Core | 3.66 | 0.42 | 145.63 | 4.58 | 63.2 | 113 | 66.3 | 28.5 | 1060 | 4.45 | 0.9 | 0.4 | 1.2 | 1.5 | 208.4 | 0.05 | 0.15 | 0.05 | 163 | 4.96 |
| DUP 2587174 | QC | | 0.40 | 145.88 | 4.56 | 68.1 | 118 | 69.8 | 29.7 | 1087 | 4.53 | 0.8 | 0.4 | 1.3 | 1.6 | 214.2 | 0.05 | 0.13 | 0.03 | 164 | 5.05 |
| 2587208 | Drill Core | 4.38 | 0.46 | 163.35 | 3.70 | 60.7 | 223 | 68.3 | 28.4 | 972 | 4.36 | 1.7 | 0.5 | 2.0 | 1.3 | 290.8 | 0.06 | 0.17 | <0.02 | 181 | 6.82 |
| DUP 2587208 | QC | | 0.38 | 142.89 | 3.51 | 59.7 | 208 | 58.9 | 24.1 | 884 | 4.22 | 0.5 | 0.4 | 6.0 | 1.2 | 269.9 | 0.07 | 0.16 | 0.04 | 167 | 6.75 |
| 2587242 | Drill Core | 4.52 | 0.89 | 147.34 | 2.97 | 65.4 | 85 | 68.9 | 27.6 | 848 | 4.51 | 0.9 | 0.4 | 5.7 | 1.1 | 194.3 | 0.06 | 0.11 | <0.02 | 155 | 4.50 |
| DUP 2587242 | QC | | 0.84 | 154.39 | 3.11 | 63.6 | 85 | 67.9 | 27.1 | 850 | 4.51 | 1.0 | 0.4 | 5.5 | 1.2 | 197.5 | 0.04 | 0.13 | <0.02 | 156 | 4.51 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | | 13.79 | 155.06 | 150.98 | 372.1 | 1915 | 74.5 | 13.0 | 890 | 2.81 | 47.5 | 2.6 | 81.7 | 7.5 | 68.6 | 2.78 | 9.47 | 12.94 | 44 | 1.07 |
| STD DS10 | Standard | | 15.12 | 150.91 | 141.22 | 357.4 | 1924 | 73.4 | 12.8 | 850 | 2.73 | 45.0 | 2.5 | 77.6 | 7.6 | 70.5 | 2.55 | 8.77 | 11.68 | 43 | 1.06 |
| STD DS10 | Standard | | 15.79 | 163.54 | 150.00 | 378.8 | 1887 | 77.0 | 13.1 | 865 | 2.87 | 47.1 | 2.7 | 120.4 | 8.0 | 73.2 | 2.67 | 9.76 | 12.29 | 44 | 1.12 |
| STD DS10 | Standard | | 15.10 | 152.20 | 148.43 | 374.3 | 1839 | 75.4 | 13.1 | 900 | 2.94 | 45.6 | 2.8 | 98.2 | 8.1 | 71.0 | 2.64 | 9.89 | 12.78 | 44 | 1.14 |
| STD DS10 | Standard | | 13.74 | 148.64 | 150.66 | 362.7 | 1839 | 76.9 | 13.0 | 930 | 2.79 | 45.9 | 2.7 | 80.7 | 7.7 | 69.3 | 2.53 | 8.98 | 12.67 | 42 | 1.07 |
| STD DS10 | Standard | | 13.62 | 146.79 | 144.96 | 347.9 | 1720 | 69.4 | 12.5 | 878 | 2.68 | 42.6 | 2.7 | 71.2 | 7.6 | 65.4 | 2.54 | 8.95 | 12.13 | 41 | 1.03 |
| STD DS10 | Standard | | 15.95 | 159.70 | 151.38 | 353.9 | 1860 | 79.3 | 13.9 | 876 | 2.84 | 45.4 | 2.7 | 88.9 | 7.6 | 65.8 | 2.78 | 9.28 | 11.57 | 46 | 1.07 |
| STD DS10 | Standard | | 15.48 | 162.56 | 141.15 | 362.6 | 1929 | 78.8 | 13.9 | 885 | 2.81 | 45.4 | 2.6 | 76.8 | 7.4 | 64.2 | 2.65 | 8.58 | 11.53 | 43 | 1.10 |
| STD DS10 | Standard | | 16.79 | 159.45 | 160.59 | 359.3 | 1836 | 78.0 | 13.9 | 859 | 2.69 | 45.0 | 3.1 | 89.3 | 8.6 | 68.1 | 2.73 | 9.44 | 12.51 | 44 | 1.10 |
| STD OXC129 | Standard | | 1.26 | 27.38 | 6.36 | 43.8 | 23 | 75.1 | 20.1 | 414 | 2.97 | 0.8 | 0.7 | 192.2 | 1.8 | 174.0 | 0.05 | 0.04 | <0.02 | 51 | 0.59 |
| STD OXC129 | Standard | | 1.31 | 27.10 | 6.21 | 38.1 | 14 | 80.7 | 20.8 | 415 | 2.99 | 0.6 | 0.7 | 192.2 | 1.9 | 194.0 | 0.02 | 0.03 | <0.02 | 52 | 0.71 |
| STD OXC129 | Standard | | 1.39 | 29.62 | 6.59 | 42.7 | 22 | 82.9 | 21.7 | 433 | 3.23 | 0.7 | 0.8 | 203.7 | 2.0 | 196.1 | 0.04 | 0.04 | <0.02 | 54 | 0.74 |
| STD OXC129 | Standard | | 1.23 | 27.56 | 6.32 | 42.4 | 15 | 73.9 | 20.1 | 409 | 3.07 | 0.5 | 0.7 | 185.2 | 1.9 | 187.2 | 0.05 | 0.03 | <0.02 | 51 | 0.71 |
| STD OXC129 | Standard | | 1.23 | 24.92 | 6.09 | 38.7 | 14 | 73.9 | 18.1 | 385 | 3.00 | 0.6 | 0.6 | 173.4 | 1.8 | 171.8 | 0.04 | 0.05 | <0.02 | 49 | 0.59 |
| STD OXC129 | Standard | | 1.14 | 28.38 | 6.50 | 43.7 | 20 | 76.9 | 20.7 | 412 | 2.94 | <0.1 | 0.6 | 195.3 | 1.8 | 186.7 | 0.03 | 0.04 | <0.02 | 48 | 0.66 |
| STD OXC129 | Standard | | 1.37 | 29.39 | 6.47 | 40.9 | 16 | 85.9 | 22.3 | 428 | 3.07 | 0.6 | 0.7 | 195.5 | 1.9 | 186.4 | 0.02 | 0.03 | <0.02 | 54 | 0.72 |
| STD OXC129 | Standard | | 1.35 | 29.45 | 6.48 | 39.3 | 14 | 82.9 | 22.4 | 422 | 3.02 | 0.5 | 0.7 | 177.4 | 1.8 | 178.7 | 0.04 | 0.03 | <0.02 | 51 | 0.70 |
| STD OXC129 | Standard | | 1.42 | 30.33 | 6.61 | 40.1 | 17 | 86.3 | 22.4 | 425 | 2.96 | 0.6 | 0.7 | 187.9 | 2.0 | 195.5 | 0.03 | 0.04 | <0.02 | 53 | 0.77 |
| STD DS10 Expected | | | 15.1 | 154.61 | 150.55 | 370 | 2020 | 74.6 | 12.9 | 875 | 2.7188 | 46.2 | 2.59 | 91.9 | 7.5 | 67.1 | 2.62 | 9 | 11.65 | 43 | 1.0625 |
| STD OXC129 Expected | | | 1.3 | 28 | 6.3 | 42.9 | 28 | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 0.72 | 195 | 1.9 | | 0.03 | 0.04 | | 51 | 0.665 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |

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Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| DUP 2587140 | QC | 0.006 | <0.5 | 1.7 | 1.35 | 10.9 | 0.016 | <1 | 0.07 | 0.005 | <0.01 | <0.1 | 0.4 | <0.02 | 0.14 | <5 | <0.1 | 0.35 | 0.1 | <0.02 | <0.1 |
| 2587174 | Drill Core | 0.203 | 6.0 | 184.8 | 3.43 | 735.8 | 0.176 | <1 | 3.44 | 0.043 | 2.22 | 0.2 | 8.2 | 0.25 | 0.04 | <5 | <0.1 | 0.02 | 9.7 | 4.50 | 0.2 |
| DUP 2587174 | QC | 0.203 | 6.2 | 190.5 | 3.51 | 750.6 | 0.183 | <1 | 3.53 | 0.045 | 2.24 | 0.1 | 8.5 | 0.26 | 0.04 | 7 | <0.1 | 0.03 | 10.0 | 4.58 | 0.2 |
| 2587208 | Drill Core | 0.204 | 5.0 | 202.6 | 2.63 | 586.1 | 0.229 | <1 | 2.95 | 0.067 | 2.16 | 0.2 | 8.0 | 0.19 | 0.14 | 9 | <0.1 | 0.04 | 8.6 | 2.57 | 0.2 |
| DUP 2587208 | QC | 0.186 | 4.6 | 175.1 | 2.47 | 531.2 | 0.205 | 1 | 2.81 | 0.056 | 1.83 | 0.2 | 7.5 | 0.18 | 0.14 | 8 | <0.1 | 0.03 | 7.6 | 2.43 | 0.1 |
| 2587242 | Drill Core | 0.211 | 4.7 | 179.5 | 3.28 | 267.8 | 0.204 | 1 | 3.02 | 0.040 | 1.99 | 0.2 | 7.2 | 0.10 | 0.06 | 9 | <0.1 | <0.02 | 8.1 | 2.66 | 0.2 |
| DUP 2587242 | QC | 0.214 | 4.9 | 176.0 | 3.30 | 261.9 | 0.204 | 2 | 3.05 | 0.041 | 2.02 | 0.2 | 6.9 | 0.10 | 0.06 | 13 | <0.1 | <0.02 | 8.3 | 2.73 | 0.3 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.077 | 17.7 | 56.0 | 0.78 | 367.5 | 0.079 | 8 | 1.04 | 0.070 | 0.34 | 3.3 | 2.9 | 5.11 | 0.29 | 292 | 2.0 | 4.94 | 4.4 | 2.66 | 0.1 |
| STD DS10 | Standard | 0.072 | 18.5 | 58.2 | 0.77 | 339.2 | 0.081 | 7 | 1.09 | 0.074 | 0.34 | 3.3 | 3.1 | 5.09 | 0.28 | 272 | 2.5 | 4.78 | 4.6 | 2.67 | <0.1 |
| STD DS10 | Standard | 0.076 | 19.3 | 56.1 | 0.81 | 372.7 | 0.088 | 7 | 1.12 | 0.073 | 0.35 | 3.5 | 3.1 | 5.05 | 0.29 | 305 | 2.0 | 4.88 | 4.5 | 2.84 | <0.1 |
| STD DS10 | Standard | 0.073 | 19.1 | 56.3 | 0.82 | 360.9 | 0.086 | 7 | 1.15 | 0.078 | 0.36 | 2.9 | 3.4 | 5.24 | 0.30 | 275 | 2.0 | 4.91 | 4.5 | 2.75 | 0.1 |
| STD DS10 | Standard | 0.073 | 17.5 | 54.1 | 0.78 | 345.2 | 0.077 | 6 | 1.03 | 0.068 | 0.33 | 3.4 | 3.2 | 5.28 | 0.28 | 297 | 2.6 | 5.08 | 4.6 | 2.63 | 0.2 |
| STD DS10 | Standard | 0.068 | 17.3 | 53.4 | 0.75 | 344.4 | 0.077 | 7 | 1.02 | 0.069 | 0.33 | 3.1 | 2.7 | 4.97 | 0.27 | 272 | 1.9 | 4.73 | 4.4 | 2.57 | <0.1 |
| STD DS10 | Standard | 0.077 | 18.5 | 60.5 | 0.79 | 350.8 | 0.087 | 8 | 1.08 | 0.070 | 0.34 | 3.4 | 2.9 | 5.24 | 0.28 | 272 | 2.3 | 4.87 | 4.4 | 2.78 | <0.1 |
| STD DS10 | Standard | 0.077 | 19.0 | 61.7 | 0.80 | 355.4 | 0.089 | 7 | 1.11 | 0.073 | 0.35 | 3.0 | 3.0 | 4.84 | 0.28 | 267 | 2.3 | 4.79 | 4.6 | 2.68 | <0.1 |
| STD DS10 | Standard | 0.072 | 20.2 | 60.5 | 0.78 | 360.9 | 0.092 | 7 | 1.13 | 0.074 | 0.35 | 3.6 | 3.0 | 5.45 | 0.29 | 286 | 2.1 | 5.10 | 4.6 | 2.84 | <0.1 |
| STD OXC129 | Standard | 0.101 | 12.9 | 50.1 | 1.48 | 49.7 | 0.379 | 2 | 1.53 | 0.601 | 0.39 | <0.1 | 1.3 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.2 | 0.17 | 0.1 |
| STD OXC129 | Standard | 0.099 | 12.4 | 54.2 | 1.50 | 47.8 | 0.394 | <1 | 1.60 | 0.588 | 0.36 | <0.1 | 0.8 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.6 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.111 | 13.3 | 56.0 | 1.65 | 54.0 | 0.428 | <1 | 1.73 | 0.646 | 0.40 | <0.1 | 1.1 | 0.05 | <0.02 | <5 | <0.1 | <0.02 | 5.7 | 0.17 | <0.1 |
| STD OXC129 | Standard | 0.098 | 12.3 | 49.3 | 1.54 | 49.7 | 0.380 | <1 | 1.64 | 0.611 | 0.37 | <0.1 | 1.4 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.4 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.091 | 11.9 | 47.0 | 1.50 | 45.0 | 0.356 | <1 | 1.47 | 0.580 | 0.36 | <0.1 | 1.0 | 0.03 | <0.02 | <5 | <0.1 | <0.02 | 5.5 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.100 | 13.0 | 46.3 | 1.47 | 50.8 | 0.405 | <1 | 1.54 | 0.584 | 0.35 | <0.1 | 1.3 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.6 | 0.14 | <0.1 |
| STD OXC129 | Standard | 0.103 | 12.9 | 57.0 | 1.56 | 48.7 | 0.428 | 1 | 1.65 | 0.616 | 0.38 | <0.1 | 1.0 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.7 | 0.16 | <0.1 |
| STD OXC129 | Standard | 0.102 | 12.6 | 56.4 | 1.53 | 49.5 | 0.420 | 1 | 1.63 | 0.614 | 0.37 | <0.1 | 1.0 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.9 | 0.15 | <0.1 |
| STD OXC129 | Standard | 0.097 | 12.8 | 58.8 | 1.52 | 50.0 | 0.441 | <1 | 1.67 | 0.606 | 0.36 | <0.1 | 0.8 | 0.04 | <0.02 | <5 | <0.1 | <0.02 | 5.8 | 0.16 | <0.1 |
| STD DS10 Expected | | 0.0765 | 17.5 | 54.6 | 0.775 | 359 | 0.0817 | | 1.0259 | 0.067 | 0.338 | 3.32 | 3 | 5.1 | 0.29 | 300 | 2.3 | 5.01 | 4.5 | 2.63 | 0.08 |
| STD OXC129 Expected | | 0.102 | 13 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.6 | 0.37 | 0.08 | 1.1 | 0.03 | | | | | 5.6 | 0.16 | |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | 5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |

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**Client:** **Equity Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01

Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| DUP 2587140 | QC | <0.02 | 0.09 | 0.2 | <0.1 | <0.05 | 0.6 | 0.66 | 0.4 | <0.02 | <1 | <0.1 | 0.2 | <10 | <2 |
| 2587174 | Drill Core | 0.03 | 0.03 | 53.9 | 0.5 | <0.05 | 1.1 | 5.51 | 11.6 | 0.02 | <1 | 0.7 | 38.2 | <10 | 5 |
| DUP 2587174 | QC | 0.05 | 0.03 | 55.5 | 0.4 | <0.05 | 1.2 | 5.63 | 12.1 | <0.02 | <1 | 0.6 | 38.2 | <10 | 4 |
| 2587208 | Drill Core | 0.04 | 0.04 | 49.9 | 0.4 | <0.05 | 1.2 | 4.87 | 9.4 | <0.02 | <1 | 0.4 | 27.5 | <10 | 4 |
| DUP 2587208 | QC | 0.04 | 0.04 | 46.6 | 0.3 | <0.05 | 1.0 | 4.72 | 8.5 | <0.02 | <1 | 0.7 | 27.9 | <10 | 5 |
| 2587242 | Drill Core | 0.06 | 0.03 | 48.7 | 0.3 | <0.05 | 1.4 | 4.56 | 8.9 | <0.02 | <1 | 0.6 | 33.4 | <10 | 3 |
| DUP 2587242 | QC | 0.07 | 0.03 | 49.0 | 0.4 | <0.05 | 1.4 | 4.62 | 9.0 | <0.02 | <1 | 0.6 | 35.1 | <10 | 4 |
| Reference Materials | | | | | | | | | | | | | | | |
| STD DS10 | Standard | 0.07 | 1.71 | 28.6 | 1.8 | <0.05 | 2.6 | 8.57 | 36.5 | 0.27 | 44 | 0.8 | 19.4 | 130 | 182 |
| STD DS10 | Standard | 0.05 | 1.47 | 28.5 | 1.5 | <0.05 | 2.5 | 8.05 | 37.6 | 0.25 | 51 | 0.7 | 18.9 | 100 | 191 |
| STD DS10 | Standard | 0.05 | 1.67 | 30.0 | 1.8 | <0.05 | 2.7 | 8.60 | 37.6 | 0.26 | 50 | 0.6 | 19.5 | 101 | 174 |
| STD DS10 | Standard | 0.05 | 1.85 | 29.8 | 1.5 | <0.05 | 2.7 | 8.73 | 38.7 | 0.27 | 49 | 0.6 | 18.8 | 125 | 178 |
| STD DS10 | Standard | 0.09 | 1.58 | 29.0 | 1.6 | <0.05 | 2.5 | 7.89 | 35.8 | 0.26 | 49 | 0.4 | 19.3 | 111 | 193 |
| STD DS10 | Standard | 0.06 | 1.72 | 27.5 | 1.6 | <0.05 | 2.7 | 8.09 | 36.0 | 0.24 | 45 | 1.2 | 18.4 | 120 | 178 |
| STD DS10 | Standard | 0.06 | 1.51 | 29.2 | 1.7 | <0.05 | 2.5 | 8.00 | 36.9 | 0.26 | 42 | 0.6 | 19.8 | 99 | 186 |
| STD DS10 | Standard | 0.07 | 1.59 | 28.9 | 1.5 | <0.05 | 2.6 | 8.06 | 35.9 | 0.24 | 46 | 0.6 | 19.6 | 105 | 183 |
| STD DS10 | Standard | 0.07 | 1.85 | 29.7 | 1.7 | <0.05 | 2.8 | 8.76 | 40.3 | 0.25 | 49 | 0.7 | 20.0 | 98 | 193 |
| STD OXC129 | Standard | 0.31 | 1.46 | 15.8 | 0.7 | <0.05 | 21.1 | 4.88 | 23.7 | <0.02 | <1 | 1.1 | 2.0 | <10 | <2 |
| STD OXC129 | Standard | 0.24 | 1.33 | 15.0 | 0.6 | <0.05 | 20.2 | 4.70 | 23.0 | <0.02 | <1 | 0.6 | 2.0 | <10 | <2 |
| STD OXC129 | Standard | 0.23 | 1.29 | 16.0 | 0.8 | <0.05 | 22.1 | 4.80 | 23.8 | <0.02 | <1 | 0.9 | 2.2 | <10 | <2 |
| STD OXC129 | Standard | 0.28 | 1.40 | 14.9 | 0.7 | <0.05 | 20.9 | 4.59 | 22.9 | <0.02 | <1 | 0.9 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.28 | 1.45 | 14.3 | 0.7 | <0.05 | 20.1 | 4.16 | 22.2 | <0.02 | <1 | 0.8 | 2.3 | <10 | <2 |
| STD OXC129 | Standard | 0.22 | 1.42 | 14.1 | 0.7 | <0.05 | 19.3 | 4.35 | 21.7 | <0.02 | <1 | 0.6 | 1.8 | <10 | <2 |
| STD OXC129 | Standard | 0.20 | 1.24 | 15.5 | 0.7 | <0.05 | 17.5 | 4.70 | 23.8 | <0.02 | <1 | 0.9 | 2.2 | <10 | <2 |
| STD OXC129 | Standard | 0.22 | 1.26 | 15.0 | 0.7 | <0.05 | 18.3 | 4.59 | 22.2 | <0.02 | <1 | 0.8 | 2.1 | <10 | <2 |
| STD OXC129 | Standard | 0.21 | 1.31 | 15.5 | 0.7 | <0.05 | 19.7 | 4.91 | 22.8 | <0.02 | <1 | 0.9 | 2.1 | <10 | <2 |
| STD DS10 Expected | | 0.06 | 1.62 | 27.7 | 1.6 | | 2.7 | 7.77 | 37 | 0.23 | 50 | 0.63 | 19.4 | 110 | 191 |
| STD OXC129 Expected | | 0.24 | 1.4 | | 0.7 | | 21 | 4.7 | 23.7 | | | 0.8 | 2.22 | | |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |

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Vancouver British Columbia V6C 3R8 Canada

Project: TRX16-01
Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | WGHT | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | kg | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| | | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.2 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.02 | <0.01 | <0.1 | 3 | <0.1 | <0.1 | <1 | <0.01 | 0.2 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | 3 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | 0.02 | 0.2 | <2 | <0.1 | <0.1 | <1 | <0.01 | 0.2 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.04 | <0.01 | <0.1 | 3 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | 0.02 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| BLK | Blank | | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.70 | 3.97 | 1.93 | 36.2 | 11 | 1.0 | 3.8 | 520 | 1.80 | 2.5 | 0.5 | 0.7 | 2.6 | 23.3 | 0.02 | 0.08 | 0.03 | 22 | 0.68 |
| ROCK-VAN | Prep Blank | | 1.23 | 4.27 | 1.46 | 36.2 | 15 | 1.3 | 3.9 | 515 | 1.80 | 1.9 | 0.5 | <0.2 | 2.5 | 21.6 | 0.03 | 0.08 | <0.02 | 21 | 0.68 |

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Project: TRX16-01
Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Cs | Ge |
| | | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 0.001 | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.001 | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 | <0.02 | <0.1 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.045 | 6.9 | 11.4 | 0.49 | 64.0 | 0.082 | 2 | 0.97 | 0.120 | 0.11 | 0.1 | 3.6 | <0.02 | 0.03 | <5 | <0.1 | <0.02 | 3.9 | 0.22 | <0.1 |
| ROCK-VAN | Prep Blank | 0.045 | 6.7 | 11.9 | 0.49 | 56.9 | 0.076 | 3 | 0.92 | 0.105 | 0.10 | 0.1 | 3.3 | <0.02 | 0.02 | <5 | <0.1 | <0.02 | 3.8 | 0.23 | <0.1 |

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Project: TRX16-01
Report Date: November 01, 2016



# QUALITY CONTROL REPORT VAN16001756.1

| | | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 | AQ251 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hf | Nb | Rb | Sn | Ta | Zr | Y | Ce | In | Re | Be | Li | Pd | Pt |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppb | ppb |
| | | 0.02 | 0.02 | 0.1 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.02 | 1 | 0.1 | 0.1 | 10 | 2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| BLK | Blank | <0.02 | <0.02 | <0.1 | <0.1 | <0.05 | <0.1 | <0.01 | <0.1 | <0.02 | <1 | <0.1 | <0.1 | <10 | <2 |
| Prep Wash | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 0.17 | 0.19 | 2.7 | 0.4 | <0.05 | 4.2 | 9.27 | 13.5 | 0.02 | <1 | 0.3 | 1.4 | <10 | <2 |
| ROCK-VAN | Prep Blank | 0.13 | 0.18 | 2.5 | 0.5 | <0.05 | 3.9 | 8.90 | 12.9 | <0.02 | <1 | <0.1 | 1.9 | <10 | <2 |

**Appendix F: Quality Control / Quality Assurance Report**

# QA/QC REPORT

**DATE:** February 27th, 2016

**PROJECT:** Mt Milligan 2016 Drilling

**CLIENT:** Thompson Creek Metals - A Division of Centerra Gold Inc.

**PERIOD OF WORK:** 22nd September – 1st November (All certificates)

## SUMMARY

This report summarizes and discusses all results of the field-based quality assurance / quality control ("QA/QC") program for the 2016 drill campaign at Mt Milligan. Table 1 summarizes the analytical certificates received from the 2016 drill program.

**Table 1: Summary of All Certificates from 2016 Mt. Milligan Drill Program**

| Certificate | Date Finalized | Sample Numbers | Hole ID | From (m) | To (m) |
|---|---|---|---|---|---|
| VAN16001611 | 22/09/2016 | 2570501-2570700 | 16-1025 | 15.24 | 299.45 |
| VAN16001612 | 22/09/2016 | 2570701-2570897 | 16-1025 | 299.45 | 553.82 |
| VAN16001701 | 30/09/2016 | 2570898-2571060 | 16-1026 | 100.58 | 301.00 |
| VAN16001702 | 30/09/2016 | 2571061-2571216 | 16-1026 | 301.00 | 511.15 |
| VAN16001703 | 04/10/2016 | 2571217-2571402 | 16-1027 | 14.32 | 300.84 |
| VAN16001756 | 01/11/2016 | 2587001-2587248 | 16-1028 | 34.44 | 428.85 |

The results of the QAQC program indicate that Cu and Mo analyses are accurate, precise and free of contamination but there is a slight –ve bias towards lower values. Gold assays are also uncontaminated but significantly less accurate and precise. The low accuracy and precision in Au can be attributed to the chosen analytical method being less accurate and precise than fire assay and there may be an uneven Au distribution in some samples. Regardless, the QAQC program shows that the assay results are sufficiently accurate and precise for the exploratory nature of this particular drilling program.

## INTRODUCTION

This report details sample procedures and results of the field based quality assurance / quality control ("QA/QC") program used to monitor accuracy, contamination and precision of geochemical assays for the 2016 Mt. Milligan drill campaign. The QA/QC program involved insertion of certified standard material ("standard") and blank material into the sample stream to monitor accuracy and contamination, and analysis of field and preparation duplicates to monitor precision of the sampling and analytical process.

## QA/QC SAMPLE PROGRAM

This section outlines the sampling procedures used for QA/QC samples during the 2016 drill program.

QA/QC of assay results was monitored through the insertion of 1 field duplicate, 1 preparation duplicate, 1 standard and 1 blank in every batch of 40 samples. In total, 10% (N=115) of all samples submitted to the lab (N=1150) were for QAQC purposes, consistent with best practise recommendations (Abzalov, 2008; Sketchley, 1998).

Field duplicates were produced by quartering the primary half core sample, parallel to core axis using a diamond core saw, and placing each quarter in individually labelled sequential sample bags. Preparation duplicates were produced by including a labelled empty bag in the sample sequence and instructing the lab to take a split of the sample after initial crushing. Field and preparation duplicates were inserted at a rate of one field or preparation duplicate every 20 samples (i.e. 5%).

Standard samples were supplied by CDN Resource Laboratories Ltd of Vancouver, BC and consisted of two certified types, CDN-CGS-12 (Cu and Au) and CDN-CN-23 (Cu. Au and Mo) (Table 2). The standards are certified for Cu and Mo at the percent level and Au at the ppm level. A minimum weight of 100 g was used for each standard sample so that reanalyses could be completed if required. Standard certificates are included in Appendix F-B. Standards were inserted into the sample stream at a rate of 2.5% or one for every 40 samples.

Blank material consisted of 18 kg bags of barren landscaping stone sourced from Canadian Tire. Approximately 1 kg of material was used for each blank sample which were inserted at a rate of 2.5% or one for every 40 samples.

**Table 2: CDN Resource Laboratories Standards used in 2016 Mt. Milligan Drill Program**

| CSM | Copper* | | Gold** | | Molybdenum* | |
|---|---|---|---|---|---|---|
| | Mean | 1 SD | Mean | 1 SD | Mean | 1 SD |
| CDN-CM-23 | 0.471 % | 0.026 % | 0.549 g/t | 0.060 g/t | 0.025 % | 0.002 % |
| CDN-CGS-12 | 0.265 % | 0.015 % | 0.29 g/t | 0.04 g/t | N/A | N/A |

** Aqua regia digestion with ICP or AA finish. For CDN-CGS-12, 4-acid digestion with ICP or AA finish*
*** 30g fire assay with ICP or AA finish*

## CHAIN OF CUSTODY AND ANALYTICAL METHOD

Each sample bag was sealed with a non-resealable plastic zip tie. Samples were shipped in rice sacks sealed with uniquely numbered non-resealable security tags to Bureau Veritas analytical facility in Vancouver, BC, an ISO 9001 registered laboratory. Bureau Veritas reported that all bags were received in good condition, with all security tags intact, and with no evidence of tampering.

Samples were crushed, split and pulverized to produce 250 g pulps with 85% passing 75 µm. The pulps were analysed using method AQ251 (modified aqua regia digestion followed by ICP-MS analysis of 15 g sample). A listing of the preparation, analytical procedures and detection limits for elements of interest during the 2016 QA/QC program is presented in Table 3.

**Table 3: Description of analysis methods for the 2016 Mt. Milligan program**

| Element | Method | Lower Detection Limit |
|---|---|---|
| N/A | PRP70-250 – crush 1 kg to ≥ 70% passing 2mm, pulverize 250g ≥ 85% passing 75 µm | N/A |
| Au | AQ251 – aqua regia digest/ultra-trace ICP-MS on 15 g sample | 0.2 ppb |
| Cu | AQ251 – aqua regia digest/ultra-trace ICP-MS on 15 g sample | 0.01 ppm |
| Mo | AQ251 – aqua regia digest/ultra-trace ICP-MS on 15 g sample | 0.01 ppm |

## RESULTS

This section reviews the performance of the standards, blanks, field and preparation duplicates used in the 2016 Mt. Milligan drill program. For Au, Cu and Mo Shewhart control charts for standard samples along with blank charts and duplicate pair charts are shown in Appendix F-C. QA/QC sample failures and corrective measures are summarized in Table 4.

**Table 4: 2016 Mt. Milligan geochemistry QA/QC failures**

| Sample | Element | Standard | Certificate | Hole ID | Problem | Corrective Action |
|---|---|---|---|---|---|---|
| 2570790 | Au | CDN-CM-23 | VAN16001612 | 16-1025 | Exceeded lower control limit | None – Unmineralized interval |
| 2570870 | Au | CDN-CGS-12 | VAN16001612 | 16-1025 | Exceeded upper control limit | None – Unmineralized interval |
| 2570630 | Au | CDN-CM-23 | VAN16001611 | 16-1025 | Exceeded lower control limit | None – Unmineralized interval |
| 2570990 | Au | CDN-CM-23 | VAN16001701 | 16-1026 | Exceeded lower control limit | None – Unmineralized interval |
| 2587150 | Au | CDN-CM-23 | VAN16001756 | 16-1028 | Exceeded lower control limit | None – Unmineralized interval |
| 2571380 | Au | Blank | VAN16001703 | 16-1027 | Equals control limit of 5X DL | None – Unmineralized interval |
| 2587140 | Au | Blank | VAN16001756 | 16-1028 | Exceeded control limit of 5X DL | None – Unmineralized interval |

### *Certified standard material (CSM)*

Analytical results for standard samples are plotted on a Shewhart control chart for each element of interest illustrating the relationship of each standard to the certified assay values. The difference between assayed and certified values is quantified as a Z-score, which indicates the number of standard deviations that each standard assay plots above (+ve values) or below (-ve values) the certified mean. Z-score values of ±2 are referred to as the “warning limits” whereas ±3 is the control limit that may trigger follow-up action.

A total of 29 standard samples were analysed as part of the 2016 work program. For Au, assay results of five samples exceeded the control limits (Chart 1 and Table 4). Four samples comprised standard CDN-CM-23 and one sample comprised standard CDN-CGS-12. Four of the five samples exceeded the lower control limits and overall the majority of returned standard results have a tendency towards slightly lower values than the mean suggesting a possible –ve bias for Au.

Although the standard failure rate for Au is significantly higher than the industry standard this is almost certainly due to the chosen analytical method (AQ251) being different to the method used to certify the standards (30 g fire assay). For this reason, and because the associated Au values in core are uniformly low and not associated with significant mineralization, no re-assays are recommended for these standard failures.

All analyses for Cu are within the acceptable limits (Chart 2). Similar to Au, the returned results show a -ve bias towards slightly lower values.

Only six of the submitted standard samples were certified for Mo and all analyses are within acceptable limits. (Chart 3). Like Cu, the returned results suggest a slightly –ve bias towards lower values as each analyses plots below the mean.

***Blanks***

Analyses of blank material are plotted, together with all core samples, in the order that they were analysed, so as to best visualize any links between contamination and batches with high-grade samples. Control limits are usually set at 5x the detection limit, although higher limits can be used pending the actual concentration of the element in the blank and the abundance that constitutes ore grade.

A total of 28 blank samples were analysed as part of the 2016 work program. Analyses of blank samples returned uniformly low values overall for Au, Cu and Mo suggesting that drill hole assay results contain little to no contamination (Charts 4-6).

All but two blank samples returned Au assays below 5X the detection limit (1.0 ppb) with one blank sample equalling the control limit and one blank sample exceeding it (Chart 4 and Table 4). There is no definitive explanation for why sample 2587140 exceeded the control limit as it is not immediately proceeded by samples significantly elevated in Au. It could be that either the sample was elevated in Au to begin with or there was minor contamination during the preparation stage. However, as the associated core samples are uniformly low in Au, no re-assays are recommended for this failure.

The detection limit for Cu and Mo (0.01 ppm) is very low which makes a 5X detection control limit threshold unreasonable for these elements in blank samples. Threshold limits were set at 5 ppm for Cu and 0.2 ppm for Mo, still low values for both these elements which if exceeded could indicate contamination. There are no blank analyses that exceeded failure control limits for Cu or Mo which indicates that assays contain little or no contamination for these elements (Charts 5 and 6).

***Duplicates***

For each of the two duplicate types, scatter plots of parent and daughter assay results can be used to visualize the analytical precision. Highly precise analyses will scatter close to the M = 1 line whereas lower precision is indicated by increased scatter about this line. Typically, precision will increase from the field duplicate to the preparation dup and through to the lab duplicate. The precision of each duplicate type can also be quantified with the average coefficient of variation ($CV_{AVR}\%$), which is one of the more widely used means of quantifying precision (Abzalov, 2008; Stanley and Lawie, 2007).

A total of 29 field and preparation duplicate pairs were analysed as part of the 2016 work program. The scatter plots for Cu and Mo are relatively well-clustered around the M = 1 line for both field duplicate and preparation duplicate pairs with few outliers (Charts 8 and 9), whereas Au is more erratically scattered around the M = 1 line for duplicate pairs (Chart 7).

$CV_{AVR}$% values for both Cu and Mo are within acceptable limits and display increased precision from the field duplicate to the preparation duplicate as expected (Table 5). However the $CV_{AVR}$% values for Au are considerably higher which may result from the imprecision of the ICP analytical method in making accurate Au determinations at low concentrations within samples. On the preparation duplicate scatter plots samples appear to show increased Au precision by ignoring outliers which may suggest there is an uneven Au distribution in some samples.

**Table 5: $CV_{AVR}$% for 2016 Mt. Milligan duplicate assays**

| Duplicate | $CV_{AVR}$% for Au | $CV_{AVR}$% for Cu | $CV_{AVR}$% for Mo |
|---|---|---|---|
| Field duplicate | 41.59 | 12.98 | 16.32 |
| Preparation duplicate | 42.83 | 2.36 | 10.92 |

## CONCLUSIONS

- There is no evidence of tampering with samples between collection and arriving at the laboratory.
- Standard analyses show that the analytical technique is accurate for Cu and Mo but the results suggest there is a –ve bias towards slightly lower values.
- Standard analyses for Au were less accurate with five reported failures. This is likely due to the chosen analytical method (AQ251) being different to the method used to certify the standards (30 g fire assay). As Au values in core samples are uniformly low and not associated with significant mineralization, no re-assays are recommended for these standard failures.
- The consistently low values for Au, Cu and Mo in blank samples indicate that assay results contain little or no contamination. One blank sample did fail for Au but as all associated samples are low in Au no re-assays are recommended.
- Duplicate samples show that precision is good for Cu and Mo analyses with acceptable reproducibility. Au analyses are less precise which may result from difficulties with the analytical method (AQ251) determining Au at low concentrations within samples or there is an uneven Au distribution in some samples.
- Although not presented here, Bureau Veritas carries out a full QA/QC protocol, including blanks, duplicates and standards, on laboratory handling and analysis of samples and satisfy themselves that results are satisfactory, prior to issuing certificates.

## Appendix F-A: References

Abzalov, M., 2008, Quality control data: A review of procedures for measuring and monitoring precision and accuracy: Exploration and Mining Geology, v. 17, p. 131-144.

Sketchley, D. A., 1998, Gold deposits: Establishing sampling protocols and monitoring quality control: Exploration and Mining Geology, v. 7, p. 129-138.

Stanley, C. R., and Lawie, D., 2007, Average relative error in geochemical determinations: Clarification, calculation, and a plea for consistency: Exploration and Mining Geology, v. 16, p. 267-275.

## Appendix F-B: Certified Standard Certificates

# CDN Resource Laboratories Ltd.

**#2, 20148 – 102nd Ave, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)**

## REFERENCE MATERIAL: CDN-CM-23

Recommended values and the "Between Lab" Two Standard Deviations

| | | | |
|---|---|---|---|
| ***Gold*** | ***0.549 g/t ± 0.060 g/t*** | ***Certified value*** | ***30g FA / ICP or AA*** |
| ***Copper*** | ***0.472 % ± 0.026 %*** | ***Certified value*** | ***4-acid / ICP or AA*** |
| ***Copper*** | ***0.471 % ± 0.026 %*** | ***Certified value*** | ***Aqua regia / ICP or AA*** |
| ***Molybdenum*** | ***0.025 % ± 0.002 %*** | ***Certified value*** | ***4-acid / ICP or AA*** |
| ***Molybdenum*** | ***0.025 % ± 0.002 %*** | ***Certified value*** | ***Aqua regia / ICP or AA*** |

***Note:*** Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

**PREPARED BY**: CDN Resource Laboratories Ltd.
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.
**DATE OF CERTIFICATION:** May 22, 2012

### METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to 14 laboratories for round robin assaying.

### ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-23 was prepared using 782 kg of a granitic rock blended with 18 kg of a Cu-Au-Mo concentrate.

**Approximate chemical composition (from whole rock analysis) is as follows**:

| | Percent | | | Percent |
|---|---|---|---|---|
| $SiO_2$ | 66.5 | | MgO | 2.4 |
| $Al_2O_3$ | 12.8 | | $K_2O$ | 1.1 |
| $Fe_2O_3$ | 7.0 | | $TiO_2$ | 0.6 |
| CaO | 3.8 | | LOI | 1.9 |
| $Na_2O$ | 3.0 | | S | 0.6 |
| C | 0.1 | | | |

**Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

## ***REFERENCE MATERIAL   CDN-CM-23***

### Results from round-robin assaying:

| | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t | Au g/t |
| CM-23-1 | 0.567 | 0.575 | 0.526 | 0.545 | 0.620 | 0.518 | 0.524 | 0.564 | 0.480 | 0.517 | 0.600 | 0.554 | 0.589 | 0.574 | 0.529 |
| CM-23-2 | 0.548 | 0.559 | 0.537 | 0.526 | 0.661 | 0.524 | 0.583 | 0.501 | 0.503 | 0.478 | 0.577 | 0.545 | 0.537 | 0.581 | 0.557 |
| CM-23-3 | 0.550 | 0.539 | 0.555 | 0.513 | 0.551 | 0.479 | 0.538 | 0.576 | 0.481 | 0.484 | 0.528 | 0.574 | 0.528 | 0.577 | 0.546 |
| CM-23-4 | 0.575 | 0.526 | 0.529 | 0.567 | 0.618 | 0.515 | 0.576 | 0.518 | 0.534 | 0.492 | 0.590 | 0.538 | 0.518 | 0.617 | 0.559 |
| CM-23-5 | 0.596 | 0.543 | 0.562 | 0.565 | 0.588 | 0.544 | 0.606 | 0.556 | 0.529 | 0.504 | 0.548 | 0.579 | 0.544 | 0.594 | 0.534 |
| CM-23-6 | 0.606 | 0.557 | 0.544 | 0.533 | 0.600 | 0.588 | 0.550 | 0.525 | 0.495 | 0.503 | 0.611 | 0.552 | 0.528 | 0.579 | 0.533 |
| CM-23-7 | 0.593 | 0.573 | 0.569 | 0.487 | 0.569 | 0.562 | 0.562 | 0.534 | 0.519 | 0.535 | 0.547 | 0.519 | 0.542 | 0.575 | 0.537 |
| CM-23-8 | 0.592 | 0.542 | 0.551 | 0.516 | 0.660 | 0.514 | 0.562 | 0.547 | 0.516 | 0.520 | 0.567 | 0.572 | 0.522 | 0.568 | 0.529 |
| CM-23-9 | 0.581 | 0.557 | 0.526 | 0.552 | 0.612 | 0.524 | 0.585 | 0.530 | 0.497 | 0.491 | 0.609 | 0.572 | 0.521 | 0.569 | 0.529 |
| CM-23-10 | 0.595 | 0.612 | 0.565 | 0.528 | 0.574 | 0.543 | 0.532 | 0.550 | 0.509 | 0.524 | 0.617 | 0.554 | 0.547 | 0.596 | 0.544 |
| Mean | 0.580 | 0.558 | 0.546 | 0.533 | 0.605 | 0.531 | 0.562 | 0.540 | 0.506 | 0.505 | 0.579 | 0.556 | 0.538 | 0.583 | 0.540 |
| Std. Devn. | 0.0200 | 0.0243 | 0.0164 | 0.0249 | 0.0367 | 0.0299 | 0.0262 | 0.0227 | 0.0186 | 0.0188 | 0.0310 | 0.0189 | 0.0208 | 0.0152 | 0.0113 |
| % RSD | 3.44 | 4.35 | 3.00 | 4.66 | 6.06 | 5.63 | 4.66 | 4.21 | 3.67 | 3.72 | 5.35 | 3.39 | 3.86 | 2.60 | 2.10 |
| Total | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu |
| CM-23-1 | 0.466 | 0.473 | 0.459 | 0.494 | 0.452 | 0.471 | | 0.478 | 0.460 | 0.496 | 0.486 | 0.475 | 0.456 | 0.471 | 0.50 |
| CM-23-2 | 0.473 | 0.463 | 0.468 | 0.493 | 0.463 | 0.478 | | 0.471 | 0.453 | 0.483 | 0.473 | 0.476 | 0.456 | 0.441 | 0.49 |
| CM-23-3 | 0.473 | 0.469 | 0.467 | 0.493 | 0.431 | 0.464 | | 0.469 | 0.450 | 0.465 | 0.482 | 0.476 | 0.466 | 0.470 | 0.50 |
| CM-23-4 | 0.476 | 0.470 | 0.463 | 0.487 | 0.463 | 0.470 | | 0.463 | 0.452 | 0.490 | 0.478 | 0.473 | 0.462 | 0.450 | 0.49 |
| CM-23-5 | 0.471 | 0.458 | 0.463 | 0.478 | 0.454 | 0.467 | | 0.474 | 0.449 | 0.489 | 0.464 | 0.472 | 0.467 | 0.462 | 0.49 |
| CM-23-6 | 0.477 | 0.476 | 0.465 | 0.487 | 0.447 | 0.477 | | 0.480 | 0.446 | 0.483 | 0.482 | 0.473 | 0.460 | 0.462 | 0.50 |
| CM-23-7 | 0.472 | 0.497 | 0.464 | 0.451 | 0.429 | 0.471 | | 0.468 | 0.448 | 0.468 | 0.476 | 0.469 | 0.481 | 0.471 | 0.49 |
| CM-23-8 | 0.475 | 0.482 | 0.463 | 0.495 | 0.479 | 0.479 | | 0.475 | 0.453 | 0.486 | 0.472 | 0.473 | 0.479 | 0.455 | 0.50 |
| CM-23-9 | 0.477 | 0.464 | 0.469 | 0.505 | 0.443 | 0.456 | | 0.473 | 0.456 | 0.473 | 0.482 | 0.473 | 0.468 | 0.457 | 0.49 |
| CM-23-10 | 0.471 | 0.481 | 0.472 | 0.492 | 0.442 | 0.468 | | 0.471 | 0.443 | 0.488 | 0.472 | 0.474 | 0.479 | 0.456 | 0.49 |
| Mean | 0.473 | 0.473 | 0.465 | 0.488 | 0.450 | 0.470 | | 0.472 | 0.451 | 0.482 | 0.477 | 0.473 | 0.467 | 0.460 | 0.494 |
| Std. Devn. | 0.0034 | 0.0114 | 0.0037 | 0.0146 | 0.0154 | 0.0070 | | 0.0050 | 0.0049 | 0.0102 | 0.0066 | 0.0021 | 0.0094 | 0.0099 | 0.0052 |
| % RSD | 0.71 | 2.40 | 0.80 | 2.99 | 3.41 | 1.49 | | 1.05 | 1.09 | 2.11 | 1.38 | 0.44 | 2.02 | 2.14 | 1.05 |
| Aqua regia | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu | % Cu |
| CM-23-1 | 0.447 | 0.472 | 0.463 | 0.463 | 0.483 | 0.460 | 0.482 | 0.477 | 0.437 | 0.484 | 0.468 | 0.474 | 0.477 | 0.464 | 0.49 |
| CM-23-2 | 0.443 | 0.464 | 0.466 | 0.436 | 0.487 | 0.447 | 0.479 | 0.477 | 0.446 | 0.485 | 0.480 | 0.478 | 0.459 | 0.455 | 0.49 |
| CM-23-3 | 0.452 | 0.478 | 0.466 | 0.470 | 0.495 | 0.461 | 0.480 | 0.476 | 0.452 | 0.489 | 0.474 | 0.473 | 0.451 | 0.476 | 0.49 |
| CM-23-4 | 0.448 | 0.463 | 0.472 | 0.506 | 0.500 | 0.472 | 0.483 | 0.464 | 0.437 | 0.493 | 0.479 | 0.471 | 0.469 | 0.470 | 0.49 |
| CM-23-5 | 0.448 | 0.468 | 0.481 | 0.467 | 0.485 | 0.496 | 0.483 | 0.466 | 0.437 | 0.473 | 0.477 | 0.473 | 0.475 | 0.465 | 0.48 |
| CM-23-6 | 0.449 | 0.461 | 0.474 | 0.458 | 0.494 | 0.479 | 0.485 | 0.487 | 0.451 | 0.474 | 0.468 | 0.475 | 0.450 | 0.462 | 0.48 |
| CM-23-7 | 0.454 | 0.475 | 0.479 | 0.489 | 0.463 | 0.471 | 0.482 | 0.469 | 0.449 | 0.489 | 0.462 | 0.475 | 0.472 | 0.469 | 0.49 |
| CM-23-8 | 0.451 | 0.462 | 0.494 | 0.469 | 0.470 | 0.468 | 0.478 | 0.471 | 0.448 | 0.458 | 0.479 | 0.474 | 0.466 | 0.463 | 0.49 |
| CM-23-9 | 0.454 | 0.478 | 0.475 | 0.457 | 0.481 | 0.484 | 0.483 | 0.464 | 0.444 | 0.493 | 0.477 | 0.476 | 0.465 | 0.467 | 0.48 |
| CM-23-10 | 0.452 | 0.465 | 0.461 | 0.475 | 0.453 | 0.453 | 0.479 | 0.482 | 0.458 | 0.478 | 0.468 | 0.476 | 0.466 | 0.460 | 0.49 |
| Mean | 0.450 | 0.469 | 0.473 | 0.469 | 0.481 | 0.469 | 0.481 | 0.473 | 0.446 | 0.482 | 0.473 | 0.475 | 0.465 | 0.465 | 0.487 |
| Std. Devn. | 0.0035 | 0.0066 | 0.0099 | 0.0189 | 0.0149 | 0.0147 | 0.0023 | 0.0078 | 0.0072 | 0.0110 | 0.0063 | 0.0020 | 0.0092 | 0.0060 | 0.0048 |
| % RSD | 0.77 | 1.42 | 2.10 | 4.02 | 3.11 | 3.14 | 0.47 | 1.65 | 1.61 | 2.28 | 1.33 | 0.41 | 1.99 | 1.29 | 0.99 |

**Note:** **Lab 7 could not provide Cu data with a 4-acid digestion.**

***REFERENCE MATERIAL   CDN-CM-23***

**Results from round-robin assaying:**

| | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo |
| CM-23-1 | 0.025 | 0.027 | 0.026 | 0.026 | 0.024 | 0.025 | | 0.025 | 0.024 | 0.026 | 0.027 | 0.025 | 0.026 | 0.024 | 0.03 |
| CM-23-2 | 0.025 | 0.026 | 0.027 | 0.024 | 0.025 | 0.025 | | 0.024 | 0.025 | 0.025 | 0.025 | 0.025 | 0.025 | 0.023 | 0.03 |
| CM-23-3 | 0.026 | 0.027 | 0.027 | 0.025 | 0.024 | 0.025 | | 0.024 | 0.024 | 0.024 | 0.027 | 0.025 | 0.025 | 0.023 | 0.03 |
| CM-23-4 | 0.026 | 0.027 | 0.026 | 0.026 | 0.025 | 0.025 | | 0.023 | 0.025 | 0.025 | 0.026 | 0.025 | 0.026 | 0.023 | 0.03 |
| CM-23-5 | 0.026 | 0.026 | 0.026 | 0.024 | 0.023 | 0.024 | | 0.024 | 0.025 | 0.026 | 0.025 | 0.025 | 0.025 | 0.024 | 0.03 |
| CM-23-6 | 0.026 | 0.027 | 0.026 | 0.025 | 0.024 | 0.026 | | 0.024 | 0.025 | 0.025 | 0.026 | 0.025 | 0.026 | 0.024 | 0.03 |
| CM-23-7 | 0.027 | 0.026 | 0.027 | 0.023 | 0.024 | 0.025 | | 0.024 | 0.025 | 0.024 | 0.026 | 0.026 | 0.026 | 0.023 | 0.03 |
| CM-23-8 | 0.027 | 0.027 | 0.025 | 0.025 | 0.025 | 0.025 | | 0.024 | 0.024 | 0.025 | 0.026 | 0.024 | 0.026 | 0.024 | 0.03 |
| CM-23-9 | 0.026 | 0.026 | 0.025 | 0.026 | 0.024 | 0.025 | | 0.024 | 0.025 | 0.024 | 0.026 | 0.025 | 0.026 | 0.023 | 0.03 |
| CM-23-10 | 0.026 | 0.027 | 0.026 | 0.025 | 0.025 | 0.025 | | 0.024 | 0.025 | 0.025 | 0.026 | 0.025 | 0.026 | 0.023 | 0.03 |
| Mean | 0.026 | 0.027 | 0.026 | 0.025 | 0.024 | 0.025 | | 0.024 | 0.024 | 0.025 | 0.026 | 0.025 | 0.026 | 0.023 | 0.030 |
| Std. Devn. | 0.0007 | 0.0005 | 0.0007 | 0.0010 | 0.0007 | 0.0004 | | 0.0005 | 0.0005 | 0.0007 | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 |
| % RSD | 2.56 | 1.94 | 2.83 | 3.99 | 2.78 | 1.79 | | 2.05 | 2.05 | 2.96 | 2.09 | 1.89 | 1.88 | 1.51 | 0.00 |
| Aqua regia | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo | % Mo |
| CM-23-1 | 0.023 | 0.026 | 0.025 | 0.024 | 0.026 | 0.021 | 0.024 | 0.025 | 0.022 | 0.025 | 0.026 | 0.025 | 0.026 | 0.022 | 0.03 |
| CM-23-2 | 0.023 | 0.026 | 0.025 | 0.022 | 0.027 | 0.021 | 0.025 | 0.025 | 0.022 | 0.025 | 0.027 | 0.026 | 0.025 | 0.021 | 0.03 |
| CM-23-3 | 0.024 | 0.026 | 0.026 | 0.024 | 0.028 | 0.020 | 0.025 | 0.025 | 0.023 | 0.025 | 0.026 | 0.026 | 0.025 | 0.021 | 0.03 |
| CM-23-4 | 0.024 | 0.026 | 0.026 | 0.025 | 0.028 | 0.021 | 0.025 | 0.024 | 0.021 | 0.026 | 0.027 | 0.026 | 0.026 | 0.021 | 0.03 |
| CM-23-5 | 0.024 | 0.026 | 0.026 | 0.024 | 0.028 | 0.022 | 0.025 | 0.024 | 0.023 | 0.025 | 0.027 | 0.026 | 0.025 | 0.022 | 0.03 |
| CM-23-6 | 0.024 | 0.026 | 0.026 | 0.024 | 0.028 | 0.022 | 0.024 | 0.025 | 0.023 | 0.025 | 0.025 | 0.025 | 0.026 | 0.021 | 0.03 |
| CM-23-7 | 0.024 | 0.026 | 0.025 | 0.025 | 0.027 | 0.021 | 0.024 | 0.025 | 0.022 | 0.025 | 0.026 | 0.024 | 0.027 | 0.023 | 0.03 |
| CM-23-8 | 0.024 | 0.026 | 0.026 | 0.023 | 0.027 | 0.021 | 0.024 | 0.025 | 0.023 | 0.024 | 0.027 | 0.024 | 0.025 | 0.023 | 0.03 |
| CM-23-9 | 0.024 | 0.025 | 0.025 | 0.024 | 0.028 | 0.022 | 0.023 | 0.024 | 0.023 | 0.026 | 0.027 | 0.025 | 0.026 | 0.022 | 0.03 |
| CM-23-10 | 0.024 | 0.026 | 0.026 | 0.024 | 0.027 | 0.022 | 0.025 | 0.026 | 0.021 | 0.025 | 0.026 | 0.025 | 0.026 | 0.022 | 0.03 |
| Mean | 0.024 | 0.026 | 0.026 | 0.024 | 0.027 | 0.021 | 0.024 | 0.025 | 0.022 | 0.025 | 0.026 | 0.025 | 0.026 | 0.022 | 0.030 |
| Std. Devn. | 0.0004 | 0.0003 | 0.0005 | 0.0009 | 0.0007 | 0.0006 | 0.0005 | 0.0006 | 0.0007 | 0.0006 | 0.0005 | 0.0008 | 0.0007 | 0.0006 | 0.0000 |
| % RSD | 1.77 | 1.22 | 2.02 | 3.66 | 2.55 | 2.87 | 2.09 | 2.44 | 3.30 | 2.26 | 1.90 | 3.13 | 2.63 | 2.64 | 0.00 |

**Note:** **4-acid Mo results from Lab 15 were excluded for failing the t test**
**Aqu aregia results from Labs 6 and 15 were excluded for failing the t test.**
**Lab 7 could not provide Mo data with a 4-acid digestion.**

## *REFERENCE MATERIAL   CDN-CM-23*

**Participating Laboratories:**
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Acme Analytical Laboratories Ltd., Santiago, Chile
Actlabs, Ancaster, Ontario, Canada
Actlabs, Thunder Bay, Ontario, Canada
Actlabs, Stewart, B.C., Canada
ALS Chemex Laboratories, North Vancouver, B.C., Canada
AGAT, Mississauga, Ontario
American Assay Laboratories, Nevada, USA
Labtium, Finland
CIMM, Lima, Peru
OMAC Laboratories, Ireland
SGS, Lima, Peru
SGS, Toronto, Ontario, Canada
SGS, Vancouver, B.C., Canada
TSL Laboratories, Saskatoon, Canada



Certified by Duncan Sanderson
Duncan Sanderson, Certified Assayer of B.C.

Geochemist BW Smee
Dr. Barry Smee, Ph.D., P. Geo.

# CDN Resource Laboratories Ltd.

**10945-B River Road, Delta, B.C., Canada, V4C 2R8, 604-540-2233, Fax: 604-540-2237 (www.cdnlabs.com)**

## ORE REFERENCE STANDARD: CDN-CGS-12

Recommended values and the "Between Lab" Two Standard Deviations

***Copper concentration: 0.265 ± 0.015 %***
***Gold concentration 0.29 ± 0.04 g/t***

**PREPARED BY**: CDN Resource Laboratories Ltd.
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.
**DATE OF CERTIFICATION**: July 10, 2006

### METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 7 days in a double-cone blender. Splits were taken and sent to 12 laboratories for round robin assaying.

### ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Pacific Sentinel from the Casino Property in British Columbia. Copper-gold-molybdenum mineralization is genetically related to a breccia and microbreccia pipe of fine grained quartz monzonites, intrusion breccias, and plagioclase-porphyritic intrusions that may be subvolcanic in origin, comprising part of the 72-74 Ma Casino Intrusive Complex. Roughly centred on the microbreccia pipe, both the alteration and mineralization are zoned. Innermost is the potassic alteration suite consisting of K-feldspar, biotite, magnetite, anhydrite, gypsum, and pyrite, chalcopyrite, molybdenite, and gold.

### Approximate chemical composition is as follows:

| | Percent | | | Percent |
|---|---|---|---|---|
| SiO2 | 67.3 | | MgO | 1.4 |
| Al2O3 | 13.2 | | K2O | 4.6 |
| Fe2O3 | 4.9 | | TiO2 | 0.4 |
| CaO | 1.4 | | LOI | 5.4 |
| Na2O | 0.8 | | | |

### Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

### Results from round-robin assaying are presented on the following page:

**Assay Procedures:** **Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
**Cu:** 4-acid digestion, AA or ICP finish.

## ***STANDARD REFERENCE MATERIAL CDN-CGS-12***

| CGS-12 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 |
| | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) | Au (g/t) |
| | 0.298 | 0.292 | 0.280 | 0.251 | 0.306 | 0.274 | 0.29 | 0.33 | 0.271 | 0.33 | 0.26 | 0.263 |
| | 0.333 | 0.309 | 0.285 | 0.337 | 0.278 | 0.282 | 0.28 | 0.346 | 0.287 | 0.32 | 0.31 | 0.264 |
| | 0.271 | 0.299 | 0.280 | 0.307 | 0.284 | 0.285 | 0.26 | 0.341 | 0.278 | 0.28 | 0.27 | 0.271 |
| | 0.292 | 0.314 | 0.280 | 0.233 | 0.334 | 0.28 | 0.30 | 0.369 | 0.269 | 0.37 | 0.31 | 0.292 |
| | 0.320 | 0.313 | 0.275 | 0.276 | 0.258 | 0.312 | 0.27 | 0.341 | 0.277 | 0.28 | 0.27 | 0.261 |
| | 0.278 | 0.303 | 0.270 | 0.259 | 0.278 | 0.338 | 0.35 | 0.374 | 0.252 | 0.28 | 0.25 | 0.268 |
| | 0.272 | 0.295 | 0.285 | 0.310 | 0.273 | 0.273 | 0.25 | 0.338 | 0.284 | 0.30 | 0.23 | 0.271 |
| | 0.299 | 0.315 | 0.285 | 0.325 | 0.304 | 0.314 | 0.27 | 0.331 | 0.264 | 0.33 | 0.28 | 0.273 |
| | 0.332 | 0.275 | 0.280 | 0.320 | 0.213 | 0.328 | 0.31 | 0.359 | 0.282 | 0.26 | 0.26 | 0.285 |
| | 0.298 | 0.318 | 0.275 | 0.260 | 0.307 | 0.281 | 0.28 | 0.332 | 0.296 | 0.29 | 0.28 | 0.286 |
| Mean | 0.299 | 0.303 | 0.272 | 0.288 | 0.284 | 0.299 | 0.286 | 0.348 | 0.277 | 0.303 | 0.273 | 0.275 |
| Std. Dev. | 0.023 | 0.013 | 0.002 | 0.036 | 0.033 | 0.024 | 0.030 | 0.016 | 0.013 | 0.036 | 0.026 | 0.011 |
| %RSD | 7.63 | 4.41 | 0.85 | 12.58 | 11.65 | 8.02 | 10.67 | 4.53 | 4.77 | 11.82 | 9.51 | 3.89 |
| | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) |
| | 0.261 | 0.273 | 0.269 | 0.270 | 0.263 | 0.271 | 0.256 | 0.269 | 0.273 | 0.251 | 0.258 | 0.265 |
| | 0.257 | 0.270 | 0.277 | 0.271 | 0.265 | 0.271 | 0.250 | 0.258 | 0.271 | 0.255 | 0.260 | 0.263 |
| | 0.265 | 0.277 | 0.277 | 0.268 | 0.264 | 0.277 | 0.256 | 0.260 | 0.263 | 0.254 | 0.259 | 0.270 |
| | 0.265 | 0.273 | 0.269 | 0.275 | 0.265 | 0.274 | 0.250 | 0.249 | 0.271 | 0.259 | 0.255 | 0.268 |
| | 0.267 | 0.271 | 0.269 | 0.270 | 0.267 | 0.272 | 0.253 | 0.257 | 0.276 | 0.256 | 0.259 | 0.264 |
| | 0.260 | 0.268 | 0.265 | 0.274 | 0.267 | 0.280 | 0.251 | 0.256 | 0.271 | 0.25 | 0.261 | 0.266 |
| | 0.255 | 0.272 | 0.265 | 0.269 | 0.268 | 0.277 | 0.259 | 0.258 | 0.271 | 0.264 | 0.258 | 0.267 |
| | 0.265 | 0.272 | 0.265 | 0.270 | 0.266 | 0.281 | 0.253 | 0.256 | 0.278 | 0.257 | 0.257 | 0.266 |
| | 0.255 | 0.272 | 0.269 | 0.267 | 0.270 | 0.275 | 0.254 | 0.247 | 0.275 | 0.256 | 0.261 | 0.260 |
| | 0.261 | 0.272 | 0.269 | 0.265 | 0.264 | 0.275 | 0.255 | 0.257 | 0.267 | 0.258 | 0.262 | 0.268 |
| Mean | 0.261 | 0.272 | 0.269 | 0.270 | 0.266 | 0.275 | 0.254 | 0.257 | 0.272 | 0.256 | 0.259 | 0.266 |
| Std. Dev. | 0.004 | 0.002 | 0.004 | 0.003 | 0.002 | 0.003 | 0.003 | 0.006 | 0.004 | 0.004 | 0.002 | 0.003 |
| %RSD | 1.68 | 0.85 | 1.63 | 1.11 | 0.80 | 1.27 | 1.15 | 2.29 | 1.60 | 1.56 | 0.80 | 1.08 |

Note: Au data from laboratory 8 were excluded from the calculations for failing the "t" test.

## ***STANDARD REFERENCE MATERIAL   CDN-CGS-12***

**Participating Laboratories:**
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Alex Stewart Assayers, Argentina
Genalysis Laboratory Services Pty. Ltd., Australia
GTK Laboratory, (Geological Survey of Finland)
International Plasma Labs. Ltd., Vancouver
OMAC Laboratories Ltd., Ireland
SGS-XRAL, Toronto
Skyline Assayers & Laboratories, Tucson, USA
Teck Cominco - Global Discovery Laboratory, Vancouver
TSL Laboratories, Saskatoon

Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention.  However CDN Resource Laboratories Ltd. or Barry Smee accept no liability for any decisions or actions taken following the use of the reference material.  Our liability is limited solely to the cost of the reference material.

Certified by    Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist    BW Smee

Dr. Barry Smee,  Ph.D.,  P. Geo.

## Appendix F-C: Standard, Blank and Duplicate Charts

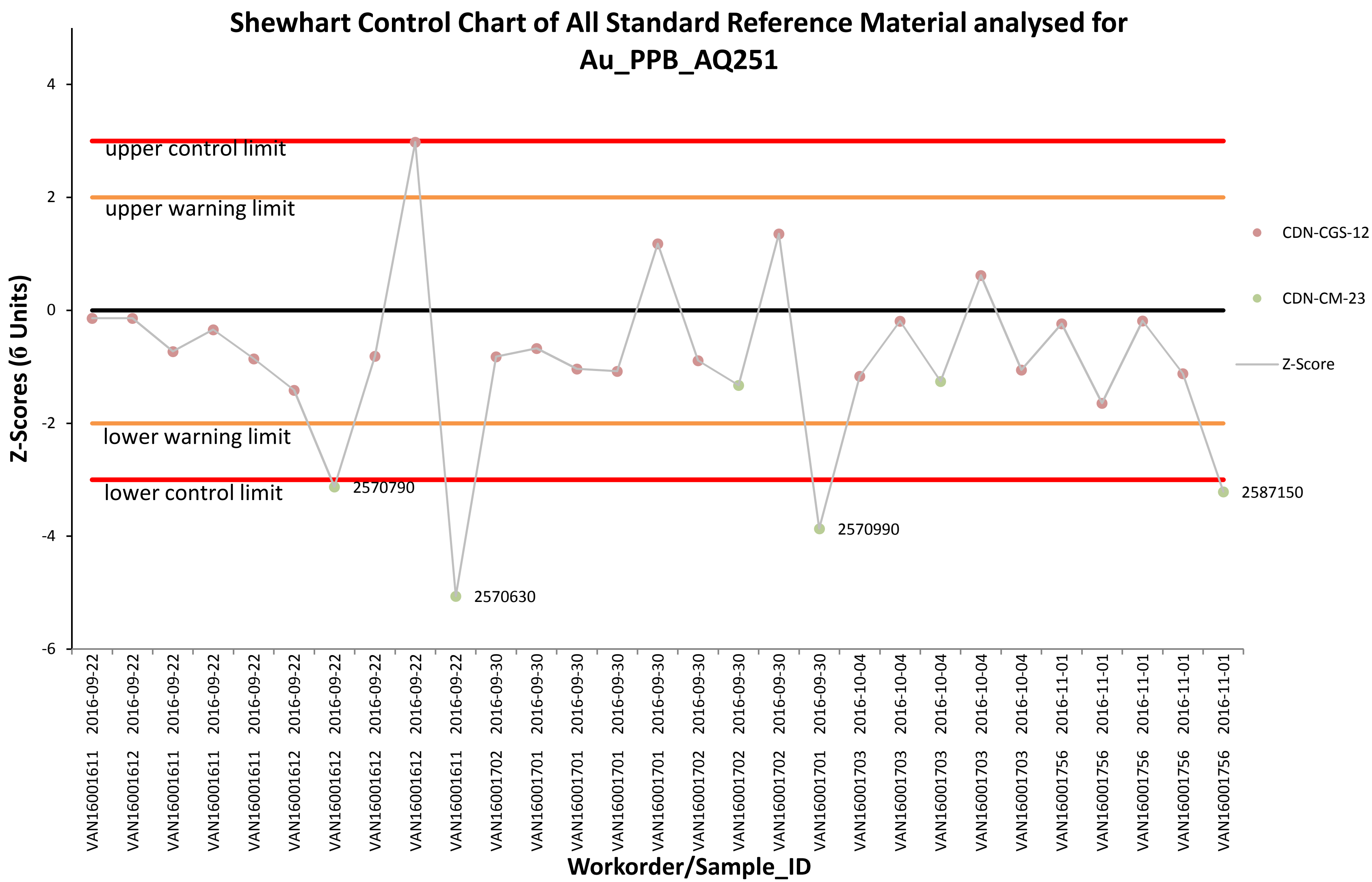


**Chart 1: Shewhart Control Chart showing CSM samples for gold analysed by AQ251 (15 g ICP)**

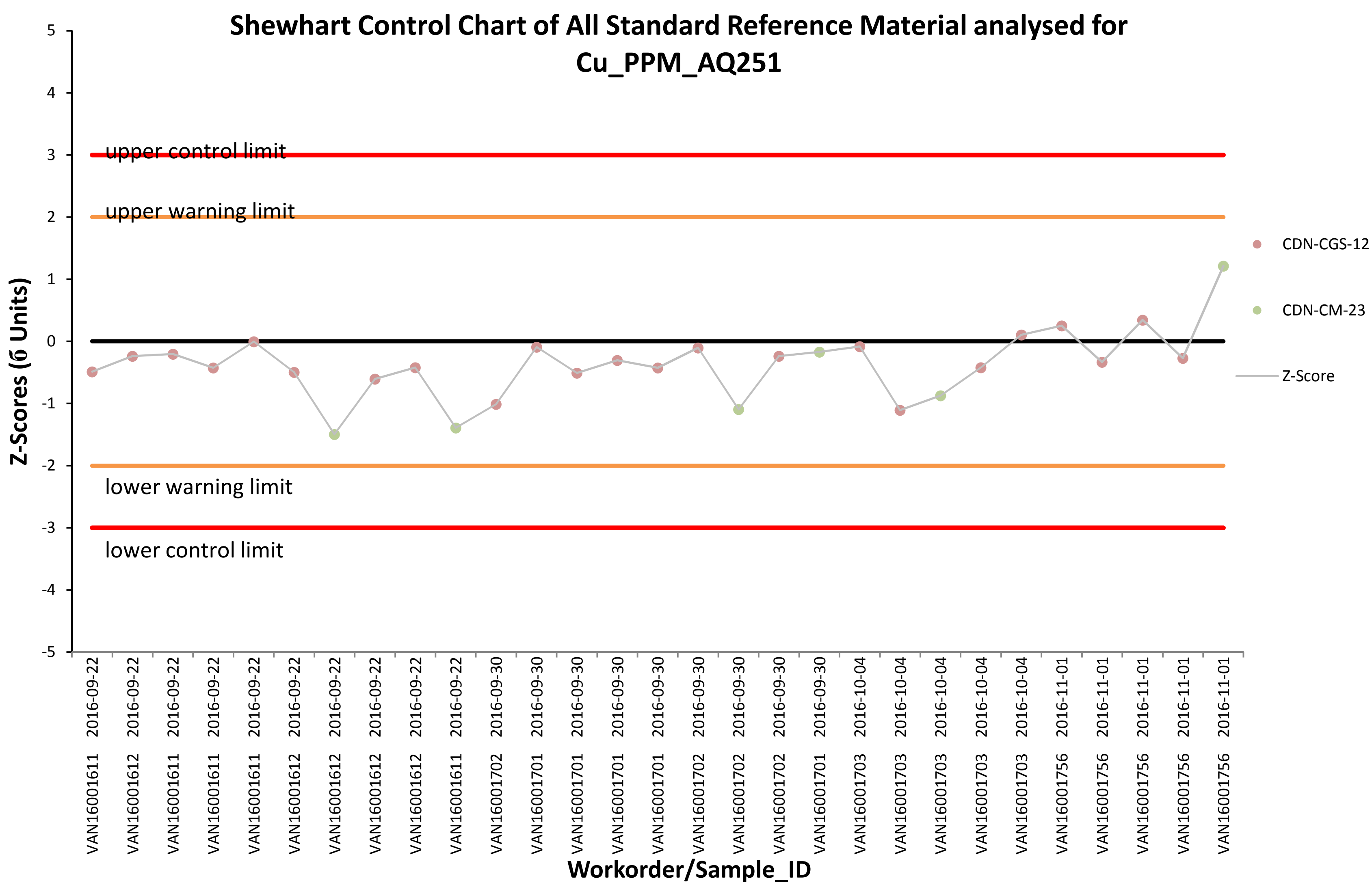


**Chart 2: Shewhart Control Chart showing CSM samples for copper analysed by AQ251 (15 g ICP)**

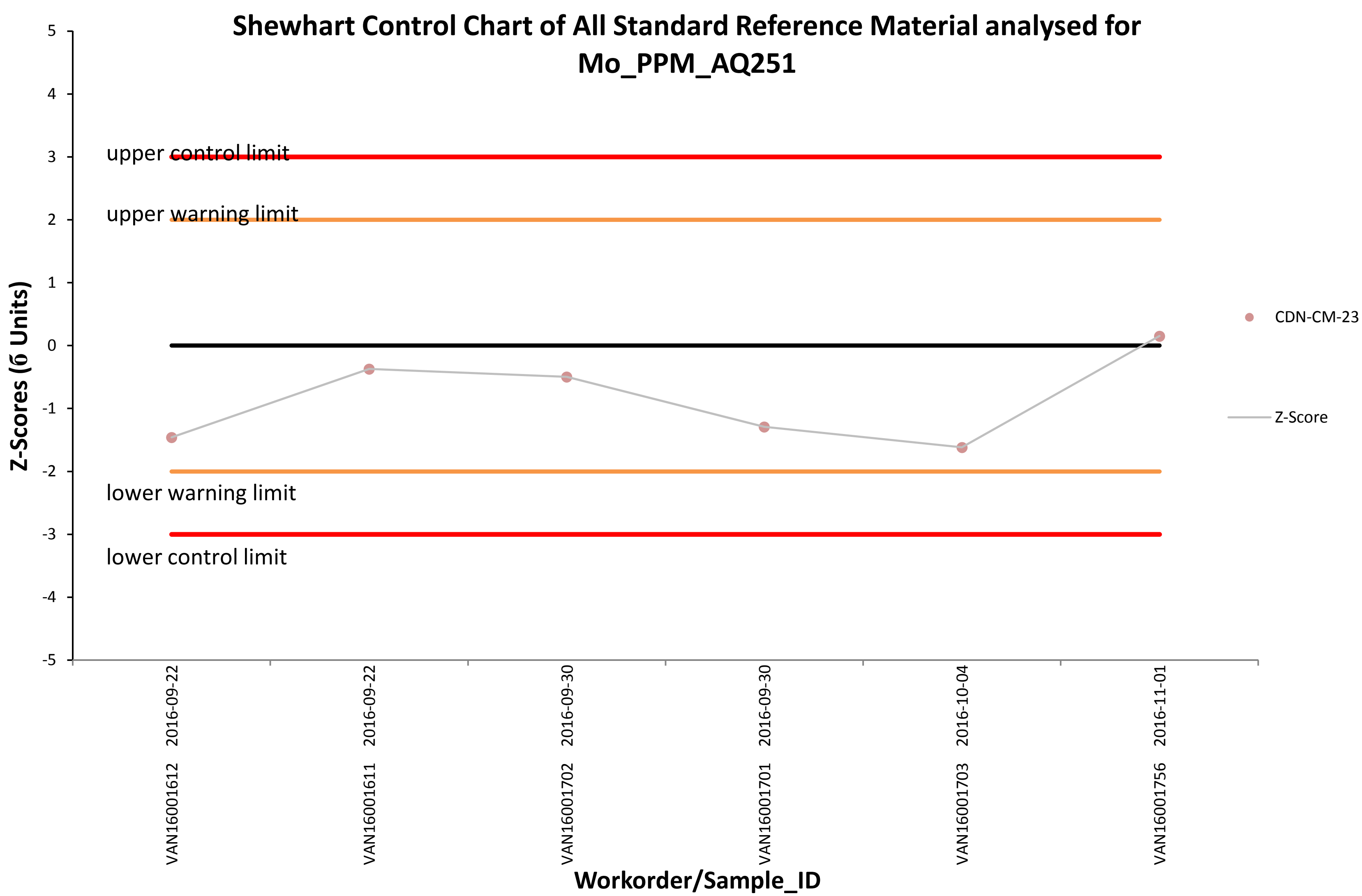


**Chart 3: Shewhart Control Chart showing CSM samples for molybdenum analysed by AQ251 (15 g ICP)**

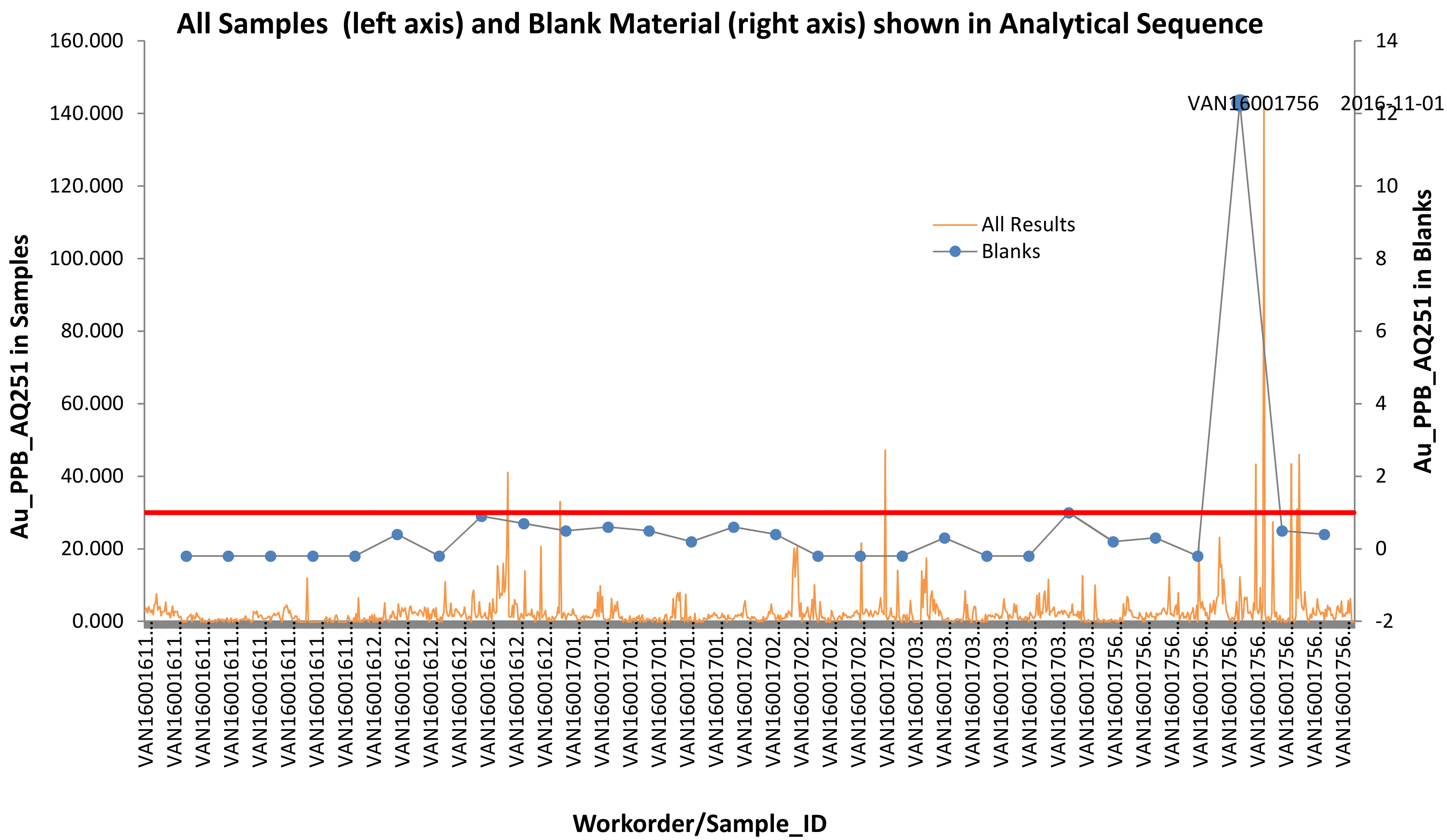


**Chart 4: Chart showing gold values for blank samples analysed by AQ251 (15 g ICP)**

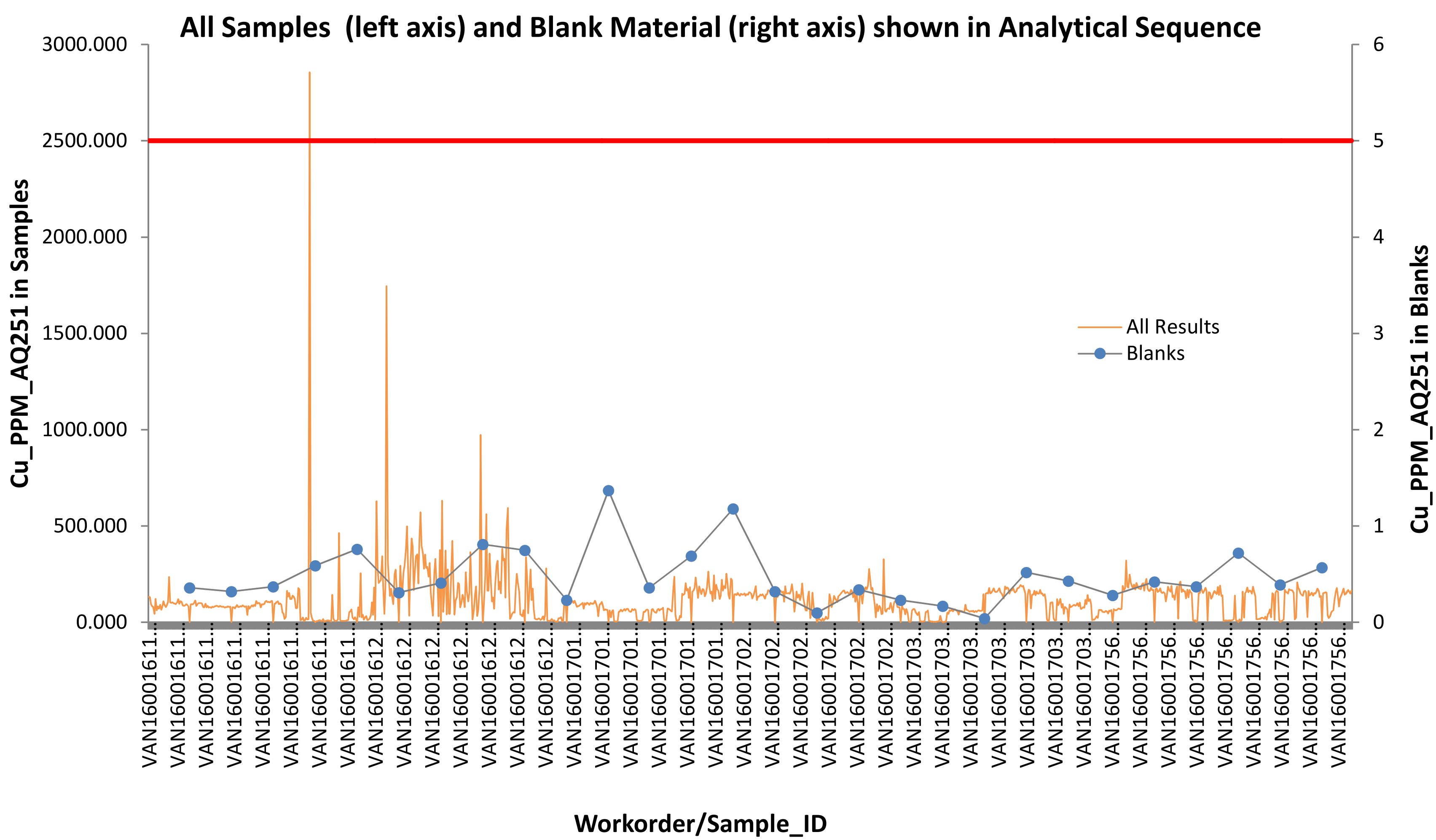


Chart 5: Chart showing copper values for blank samples analysed by AQ251 (15 g ICP)

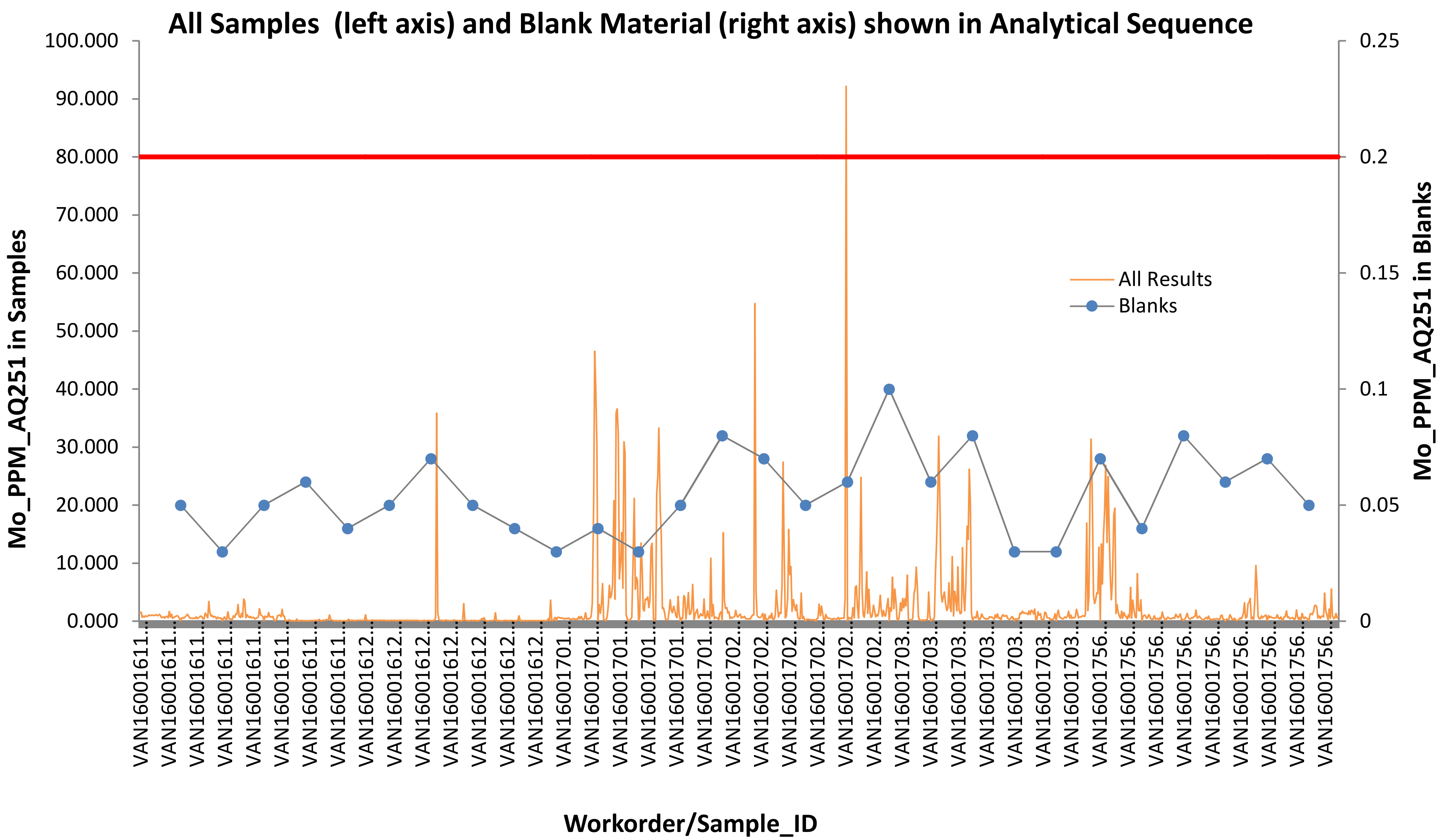


**Chart 6: Chart showing molybdenum values for blank samples analysed by AQ251 (15 g ICP)**

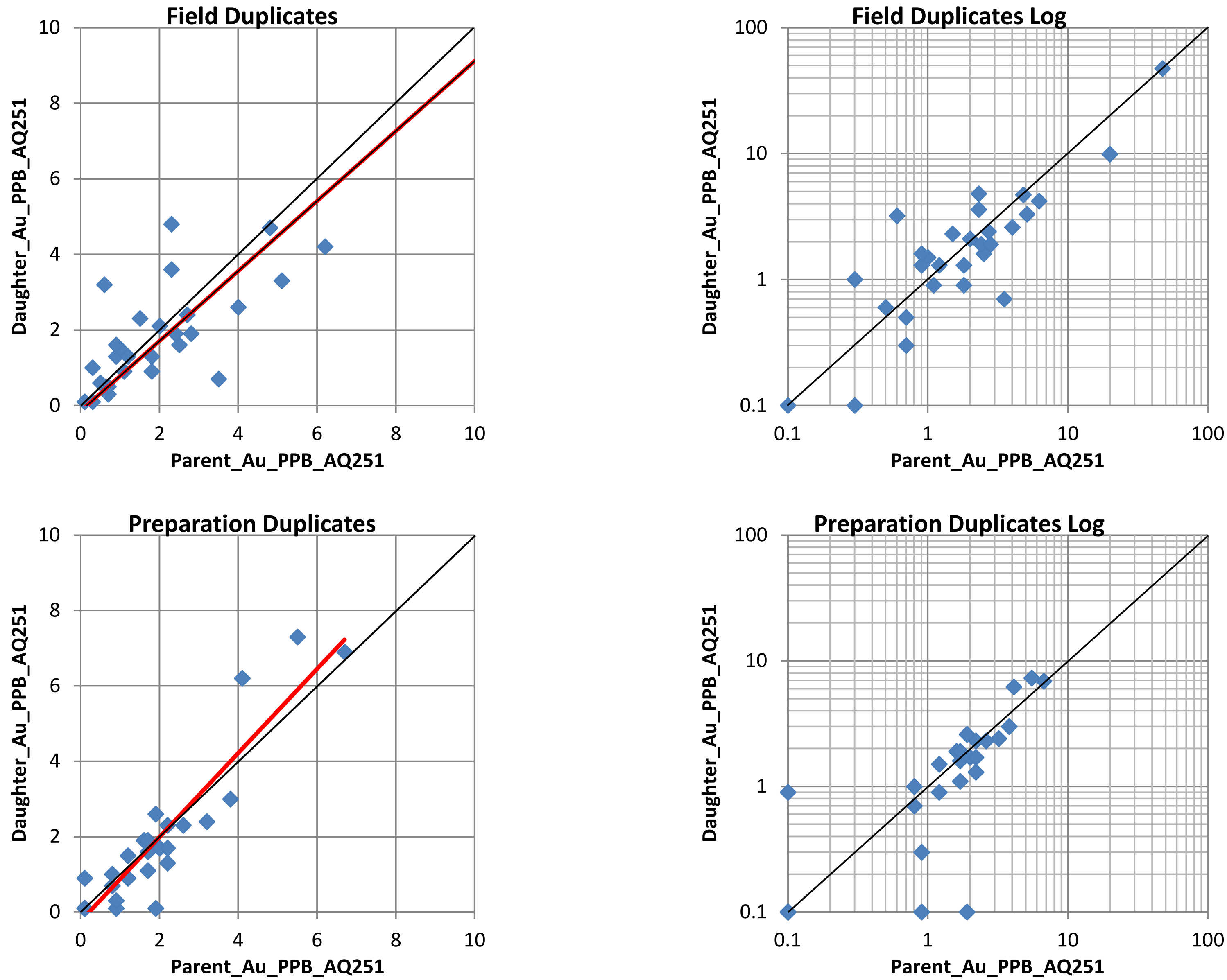


**Chart 7: Duplicate pair comparison for gold**

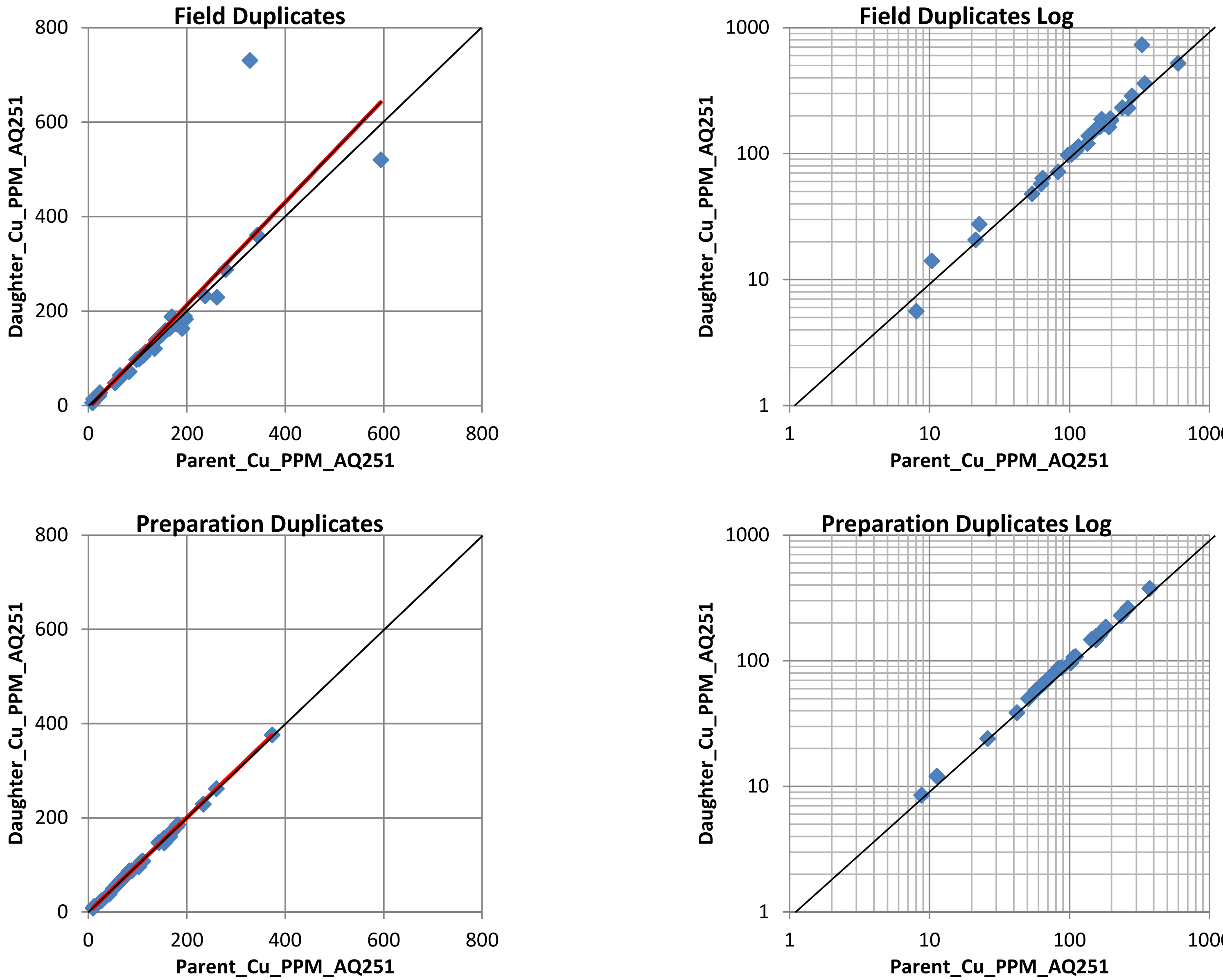


**Chart 8: Duplicate pair comparison for copper**

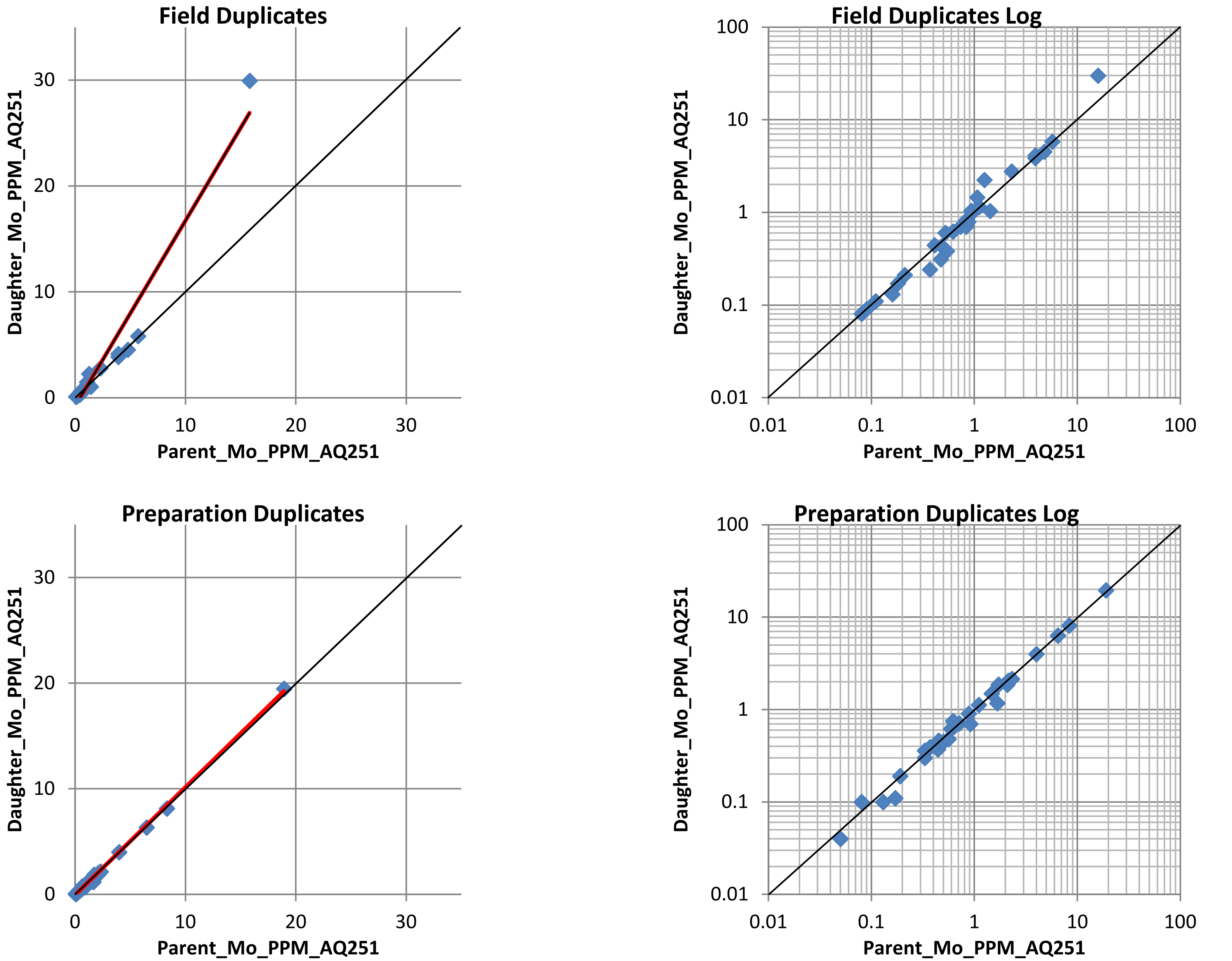


**Chart 9: Duplicate pair comparison for molybdenum**

# DEFINITIONS

## Z- or standard score

The Z-score is a measure of the difference between the actual assay value of a certified standard material (CSM) and the certified assay value of that CSM, expressed as:

$$Z\ score = \frac{CSM\ assay\ value\ (X) - Mean\ certfied\ assay\ value\ (\mu)}{Certified\ standard\ deviation\ (\sigma)}$$

Plotting of Z-scores on Shewhart Control Charts, rather than absolute difference, allows comparison of several CSMs on the same chart.

The following criteria are used to trigger further investigation:

- One CSM plotting outside the control limits
- 2 consecutive CSM samples plotting beyond the warning limits
- 7 or more consecutive CSM samples plotting above or below the mean
- 5 or more consecutive CSM samples increasing or decreasing, indicating a trend

## Average coefficient of variation ($CV_{AVR}$(%))

There are several ways to quantify precision, one of which is the average coefficient of variation ($CV_{AVR}$(%)) which is calculated as follows (Abzalov, 2008):

$$CV_{AVR}(\%) = 100\ x\ \sqrt{\frac{1}{N}\sum_{i=1}^{N}\frac{\sigma_i^2}{m_i^2}} = 100\ x\ \sqrt{\frac{2}{N}\sum_{i=1}^{N}\left(\frac{(a_1 - b_1)^2}{(a_1 + b_1)^2}\right)}$$

where $N$ is the number of samples, $a_1$ is the elemental concentration in the parent and $b_1$ is the concentration in the daughter (i.e. duplicate).

**Appendix G: Down Hole Chemistry Logs**

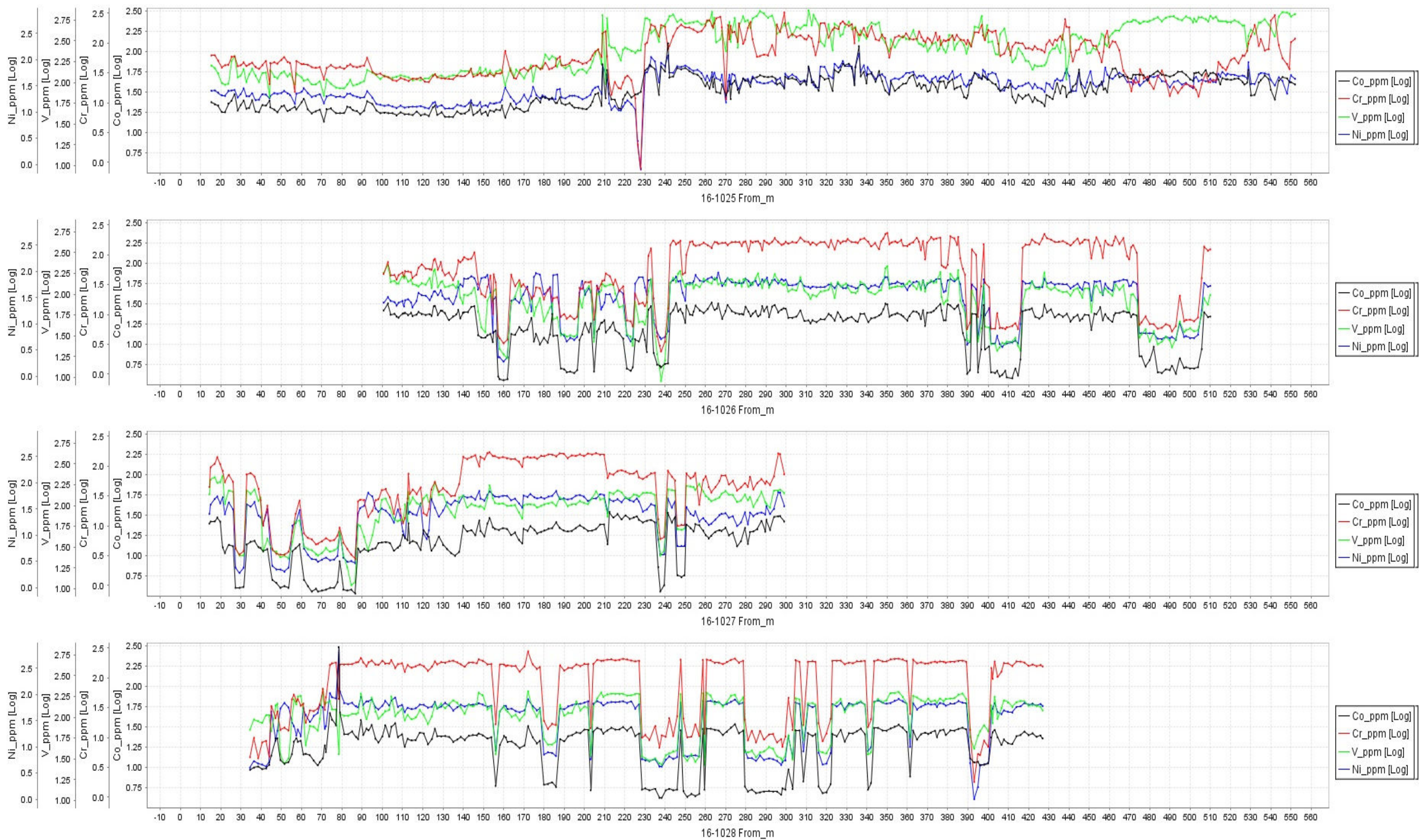


Figure G1: Down hole plots of Co, Cr, V and Ni for the 2016 diamond drill holes. Monzonite units (MZPD, MNDR) are strongly depleted in these elements.

# Appendix H: Data DVD

**Appendix I: Geologist's Certificates**

**GEOLOGIST'S CERTIFICATE**


Thomas K. Branson

1954 Charles Street,

Vancouver, B.C.


I, **THOMAS K. BRANSON**, do hereby certify that:

1. I am presently a Project Geologist with Equity Exploration Consultants Ltd. with offices at Suite 1510-250 Howe Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with a Bachelor of Science degree in Earth and Ocean Science in 2007, and a graduate of Rhodes University of Grahamstown, South Africa with a Master of Science degree in Exploration Geology in 2014.

3. I am a professional geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#38893).

4. I am the author of the assessment report entitled *"2016 Drilling Report on the Mt. Milligan Northwest Claim Group"* prepared for Thompson Creek Metals Company.

5. Since 2007, I have been a consulting geologist and have been involved in mineral exploration for gold, copper, silver, lead, zinc and uranium in Canada and Australia

6. I was directly involved with the planning, managing and execution of the 2016 exploration program at Mt. Milligan.

Dated at Vancouver, British Columbia, this 23rd day of March, 2017.

PROFESSIONAL
T.K. BRANSON
23/03/2017
BRITISH COLUMBIA
GEOSCIENTIST
#38893

Thomas K. Branson, M.Sc., P. Geo.

Equity Exploration Consultants Ltd.