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**ASSESSMENT REPORT**

describing

**SOIL GEOCHEMISTRY, ROCK GEOCHEMISTRY, GEOLOGICAL MAPPING AND  
DIAMOND DRILLING**

Field work performed July 20 to September 12, 2017

at the

**TRIDENT PROPERTY**

CH 1-182	YF25501-YF25682
Squid 1-134	YF52681-YF52814
135-195	YF05605-YF05665
196-388	YF52816-YF53008
Squid East 1-36	YE26991-YE27026
37-82	YF45063-YF45108
Squid West 1-36	YE26955-YE26990
37-66	YE27237-YE27266

NTS 115N/10 and 115N/07  
Latitude 63°32'N; Longitude 138°52'W

in the

Dawson Mining District  
Yukon Territory

prepared by  
Archer, Cathro & Associates (1981) Limited

for

**TRIFECTA GOLD LTD.**

by

K. Willms, B.Sc.  
November 2017

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## **INTRODUCTION**

The Trident property is located in the northern portion of the Yukon-Tanana Terrane (YTT) in western Yukon. The property hosts two gold-silver showings and multiple silver-lead-zinc±gold soil geochemical anomalies that are believed to represent volcanogenic massive sulphide (VMS) mineralization. The district hosts: porphyry and related epithermal veins, such as Western Copper and Gold Corp.'s Casino deposit; orogenic vein deposits, including White Gold Corp.'s White Gold deposit and Goldcorp Inc.'s Coffee deposit; and early-stage VMS prospects, such as the Touleary project owned by Arcus Development Group Inc.

The property is composed of 718 claims, of which 388 claims are wholly owned by Trifecta Gold Ltd., 182 claims are subject to an option agreement with Coureur des Bois Ltee Ltd. (the CH Option) and 148 claims are subject to an option agreement with Metals Creek Resources Corp. (the Squid Option).

This report describes soil geochemistry, rock geochemistry, geological mapping and diamond drilling conducted between July 20 and September 12, 2017 by Archer, Cathro & Associates (1981) Limited on behalf of Trifecta Gold. The author supervised the program and interpreted all results from this work. The author's Statement of Qualifications is located in Appendix I, while a Statement of Expenditures appears in Appendix II.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The Trident property consists of 718 contiguous mineral claims that are divided into four main claim groups: Squid, CH, Squid East and Squid West, based on option agreements. The property is located in west-central Yukon at latitude 63° 31' north and longitude 140° 42' west, as shown in Figure 1. The property covers an area of approximately 145 km<sup>2</sup>. The wholly owned claims are registered with the Dawson Mining Recorder in the name of Archer Cathro, which holds them in trust for Trifecta Gold. The optioned claims are registered in the names of their respective owners. Specifics concerning claim registration are tabulated below, while data concerning ownership and size of claim blocks is listed on Table 1. The locations of individual claims and their ownership are shown on Figure 2.

<b><u>Claim Name</u></b>	<b><u>Grant Number</u></b>	<b><u>Expiry Date*</u></b>
CH 1-182	YF25501-YF25682	March 7, 2025
Squid 1-102	YF52681-YF52782	March 7, 2022
103-122	YF52783-YF52802	March 7, 2022
123-134	YF52803-YF52814	March 7, 2022
135-195	YF05605-YF05665	March 7, 2022
196-388	YF52816-YF53008	March 7, 2023
Squid East 1-10	YE26991-YE27000	March 7, 2024
11-16	YE27001-YE27006	March 7, 2025
17-22	YE27007-YE27012	March 7, 2024
23-30	YE27013-YE27020	March 7, 2025
31-36	YE27021-YE27026	March 7, 2024
37-82	YF45063-YF45108	March 7, 2023

Squid West 1-36	YE26955-YE26990	March 7, 2023
37-66	YE27237-YE27266	March 7, 2023

\* Expiry dates do not include 2017 work that has not yet been filed for assessment credit.

**Table I: Claim Data**

Claim Owner	Claim Option	Claim Group	Number of Claims	Area (km <sup>2</sup> )
Trifecta Gold	-	Squid	388	75
Coureur Des Bois	CH Option	CH	182	38
Metals Creek	Squid Option	Squid East	82	16
Metals Creek	Squid Option	Squid West	66	14

The Trident property lies 85 km southwest of Dawson City, the nearest supply centre. The property is accessed via the Sixty Mile road, which branches off of the Top of the World Highway roughly 80 km west of Dawson City. The Sixty Mile road extends south for approximately 90 km before reaching the property, and is suitable for four-wheel drive vehicles during the summer and fall. Access to various parts of the property is provided by four-wheel drive roads and trails. Air access is also available, with a dirt airstrip suitable for short takeoff and landing aircraft located roughly three kilometres west of the Matson Creek placer camp in the southern part of the property.

In 2017, equipment was mobilized to the property from Whitehorse using one-ton trucks rented from Archer Cathro and large transport trucks and trailers contracted from Mercer Contracting. After initial mobilization, supplies were flown in by either BN-2A Islander or C-206 Stationair aircraft operated by Great River Air out of Dawson City. Crews were housed at the Matson Creek placer camp, and side-by-side vehicles were used for on-site travel. The drill, some gear and excess supplies from the 2017 field season were left on the property. The bulldozer was walked out, while damaged equipment and sensitive gear were demobilized using a six by six, five-tonne all-terrain truck.

The Trident property lies within the traditional territory of the Tr'ondëk Hwëch'in First Nation, which has concluded land claim agreements with Canada and Yukon.

### **HISTORY AND PREVIOUS WORK**

In 1970, Atlas Exploration Company Ltd. staked the Santa claims and performed soil sampling and prospecting in the area. During this program the Santa Showing, a roughly one metre wide lead-silver quartz vein, was discovered. No documented assays from the vein are available, but the vein is reported to have a silver to lead ratio of 34.3 g/t silver: 1% lead (Héon and Stroshein, 2014). The Santa Showing is now covered by the CH claims.

In 1977, Moose Creek Exploration Ltd., a joint venture between American Copper and Nickel Company Inc. and Kennecott Copper Corp., staked the Bor claims as the Matson Creek property during regional exploration for VMS style deposits. Geological mapping, geophysical and

geochemical surveys were conducted. Data from this program was compiled by Carne and Sax (1990). The Matson Creek property is now partially covered by the Squid claims.

In 1978, Moose Creek conducted a grid soil sampling program on the Matson Creek property. A total of 526 soil samples were collected. The survey outlined the Bored Anomaly, a broad coincident lead-zinc-copper soil geochemical anomaly indicative of VMS type deposits. Data from this program was compiled by Carne and Sax (1990). The Bored Anomaly is partially covered by the Squid claims.

In 1979, Ocean Home Exploration Co. Ltd., a successor company to the Moose Creek joint venture, expanded the Matson Creek property. During that exploration season, a total of 107 silt and soil samples were collected. Data from this assessment report was compiled by Carne and Sax (1990). Following this work, the claims were allowed to lapse.

In 1986, a regional stream sediment and water geochemical reconnaissance program was conducted by the Department of Indian Affairs & Northern Development in conjunction with the Geological Survey of Canada (GSC). The survey covered the Matson Creek area, but did not return any values of significance. The results were digitized by Friske et al. (2001).

In 1987 the Santa Showing was re-staked as the Nora claims by M. Elson, but no work records are available (YGS, 2017).

In 1990, Archer Cathro re-staked the Bor claims on behalf of sources Ltd. (YGC). A line cutting, prospecting and grid soil sampling program was completed by YGC, which collected 144 soil samples and five rock samples. Soil sampling expanded the Bored Anomaly to a length of seven kilometres, with values up to 930 ppm lead and 530 ppm zinc. Rock samples of oxidized float containing up to 60% limonite boxwork returned peak values of 22.8 ppm silver, 7760 ppm lead and 460 ppm zinc (Carne and Sax, 1990). The exact location of these rock samples are unknown.

In 1991, YGC conducted a soil sampling program on the Matson Creek property. A total of 178 soil samples were collected over a 700 by 1200 m grid in the western part of the property. Peak results from the program were 2350 ppm lead, 684 ppm zinc and 270 ppm copper (Carne, 1991).

In 1992, Kennecott Canada Inc. optioned the Matson Creek property from YGC and funded a program consisting of road building, line cutting, soil sampling, geological mapping, Max-Min I-9 EM surveys and 796 m of diamond drilling. Most of this work including all of the drilling was done on claims located immediately west of the current Trident property. A total of 264 soil samples further delineated the Bored Anomaly and returned up to 742 ppm lead and 744 ppm zinc. Five diamond drill holes targeted Bimodal-felsic (Kuroko type) exhalative horizons. The best drill intercept graded 1.4 g/t silver, 0.49% zinc, 0.30% lead and 0.03% copper over 2.3 m from a discontinuous rhyolitic tuff horizon (Carne, 1992). Kennecott later dropped its option on the property.

Also in 1992, the Santa Showing was re-staked as the She claims by S. Savage, who performed a small trenching program the following year. No results are available for this work (YGS, 2017).

In 1995, Atna Resources Ltd. optioned YGC's claims and completed a soil sampling program. A total of 79 soil samples were collected, but no significant results were reported. The option was allowed to expire and the claims subsequently lapsed (Schmidt, 1995).

In 2011, Metals Creek staked the Squid East and Squid West claims, and conducted preliminary soil geochemical and rock sampling program. A total of 117 and 449 soil samples were collected from the respective claim blocks, along with 21 rock samples from Squid West. Soil sampling from Squid East identified two anomalous gold targets, the E4 and E5 anomalies, with peak values of 178 ppb gold, 216 ppm lead and 405 ppm zinc. Soil samples from Squid West returned up to 58 ppb gold, 971 ppm lead, 771 ppm zinc and 235 ppm copper. Rock samples returned no significant results (Hereema, 2012).

Also in 2011, Coureur Des Bois staked the CH claims and completed a soil geochemical sampling program. A total of 112 samples collected along Christmas Creek near the Santa Showing returned up to 3.8 ppm silver, 517 ppm lead, 1515 ppm zinc and 320 ppm copper (Stroshein, 2012).

In 2012, Metals Creek carried out a follow up soil geochemical sampling and prospecting program on the Squid East claims, collecting a total of 673 soil samples and 22 rock samples. Soil sampling further outlined the E4 and E5 anomalies. The E4 anomaly is a north-northwesterly trending area that returned up to 1086 ppb gold, 78 ppm silver, 4981 ppm lead and 210 ppm antimony. The smaller E5 anomaly returned up to 194 ppm arsenic, 681 ppm lead and 1014 ppm zinc (Hereema, 2013).

Also in 2012, Coureur Des Bois completed a follow up soil geochemical sampling and prospecting program on the CH claims. A total of 345 soil samples and 32 rock samples were collected, expanding the anomalous area outlined in 2011. Soil sampling returned up to 133 ppb gold, 12.65 ppm silver, 2100 ppm lead and 1160 ppm zinc. Rock samples returned up to 199 ppb gold, 34.2 ppm silver and 6100 ppm lead (Heon and Stroshein, 2014).

In 2013, Metals Creek conducted a soil geochemical sampling, mechanical trenching, diamond drilling and airborne magnetic and radiometric survey program on the Squid East claims. Soil sampling returned up to 67 ppb gold, 6.5 ppm silver and 20.7 ppm antimony from the E4 anomaly and 81 ppb gold and 342 ppm zinc from the E5 anomaly. A total of 325 m of trenching was done at the E4 and E5 anomalies. Three trenches were dug at the E4 anomaly; however, due to permafrost, only trench E4-3 was completed. This trench returned 1.96 g/t gold, 160.60 g/t silver and 0.35% lead over 22 m from a horizon of bleached and locally hematitic sericite schist. Trenching at the E5 anomaly (Bonus Zone) encountered a single sericitic gouge horizon that returned 1.02 g/t gold over 5 m. Following trenching, a four hole, 428 m diamond drill program took place at the E4 anomaly. The best intersect, from hole SE-13-002, graded 1.547 g/t gold, 114.121 g/t silver and 0.31% lead over 21 m (Hereema, 2013). The E4 anomaly was subsequently renamed the Exploits Zone. Following drilling, petrographic analysis and metallurgical testing were completed. Drill and trench samples results are discussed in more detail later in this report. Six assay rejects, which were sent for preliminary metallurgical testing, averaged 92% gold recovery from 72-hour bottle-roll cyanidation tests (Redfearn, 2013).



In 2015, Coureur Des Bois conducted additional soil geochemical sampling and prospecting at the CH claims. A total of 905 soil samples were collected, which returned peak values of 123 ppb gold, 12.30 ppm silver, 2310 ppm lead, 644 ppm and 510 ppm copper. Twenty-nine rock samples yielded peak values of 112 ppb gold, 3200 ppm arsenic and 3070 ppm lead from sericite-altered quartz-muscovite schist and dark grey quartzite float (Heon, 2015).

The Matson Creek placer mine, currently owned by Magna North Gold Ltd., was in production from 1978 to 2014. The placer operation produced approximately 38,000 ounces of gold, with peak production in 2008 when 3900 ounces were reported (YGS, 2017).

### **GEOMORPHOLOGY**

The Trident property is located in the northern part of the Dawson Range, part of the Klondike Plateau physiographic region. Two watersheds drain the property. The dominant drainage, Matson Creek, and its tributaries Christmas Creek and Borden Creek, flow southeasterly through the eastern and central parts of the property before redirecting north into the Sixty Mile River. Creeks in the western part of the property flow into the Ladue River, a major tributary of the White River. The Sixty Mile and White rivers lie within the Yukon River watershed.

Topography in the area is characterized by rounded ridges and domes flanked by “V” shaped dendritic valleys. The property is almost entirely situated below treeline, with elevations ranging from 620 m to 1,200 m above sea level (asl). Vegetation is characterized by black spruce, alder, birch and buckbrush throughout valleys, thinning to stunted black spruce, buckbrush and thin veneers of caribou moss at higher elevations. Valley floors are dominated by buckbrush, swamp grasses and moss. Outcrop is limited to ridge crests and comprises less than five percent of the property.

The climate in the vicinity of the Trident property is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, snowfall can occur in any month. The property is mostly snow free from late May to mid to late September.

### **REGIONAL GEOLOGY**

The Trident property is located within Late Devonian to Permian YTT, which lies adjacent to Neoproterozoic to Mississippian basinal strata of Ancestral North America (NA<sub>b</sub>) (Figure 3). Younger sedimentary and volcanic rocks locally cap the stratigraphy.

The YTT consists of island arc volcanics, continental margin sediments and coeval intrusions that are the result of continental arc and back-arc systems built upon an underlying metasedimentary basement. This sequence was metamorphosed during Permian-Triassic accretion. YTT was later dismembered by the Tintina Fault, a large transcurrent structure that produced 450 km of dextral offset during the Eocene (Colpron et al., 2005; Nelson and Colpron, 2007).

The NAb is the result of prolonged deep-water sedimentation that was subject to successions of siliciclastic to carbonate deposition, passive margin accumulation and recurring transgression and regression cycles (Israel et al., 2012). The sedimentary record of Ancestral North America is observed from Proterozoic to Devonian, prior to accretion of YTT.

Parts of the YTT are capped by successive sequences of Lower Cretaceous Indian River Formation basinal sediments, plume-related Upper Cretaceous Carmacks Group volcanics and Eocene Ross Group volcanics.

In 1999, Gordey and Makepeace began a territory-wide bedrock geology compilation for the Yukon Geological Survey (YGS), which included geological mapping of the Matson Creek area published in 1996 (YGS, 2017). In 2005, the GSC published geological maps of the Stewart River area, which includes the Matson Creek area (Gordey and Ryan, 2005). In 2012, UBC's Mineral Deposit Research Unit (MDRU) conducted regional mapping and metallogenic studies throughout the Dawson Range Gold Belt, updating work done previously (Heon, 2015). Geological unit names were updated in 2016 by the YGS and are continually updated as new regional mapping is completed (YGS, 2017).

Figure 4 illustrates updated regional geology, while Table II summarizes the lithological units.

**Table II– Regional Lithological Units (*after YGS, 2017*)**

Map Suite	Age	Map Unit	Description
Ross Group (ITR)	Lower Tertiary, Eocene	ITR2	Mixed bimodal volcanic rocks. Rhyolite flows, tuff, ash-flow tuff and breccia, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sanidine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and conglomerate.
Carmacks Group (uKC)	Upper Cretaceous	uKC1	Volcanic succession dominated by basic volcanic strata. Augite olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks.
Indian River Formation (IKIR)	Lower Cretaceous	IKIR	Clast-supported pebble to cobble conglomerate with clasts of vein quartz and foliated quartzite; coarse-grained sandstone; minor tuff.
Sulphur Creek Suite (PS)	Middle to Late Permian	PgS	Variably foliated granitoids of intermediate composition. Granodiorite and quartz-monzonite. (Sulphur Creek orthogneiss)

Klondike Assemblage (PK)	Middle to Upper Permian	PK1	Felsic metavolcanic rocks. Tan to rusty and black weathering quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (chlorite) schist; locally includes augen gneiss. (Klondike Schist)
		PK2	Silvery grey muscovite chlorite quartz phyllite, muscovitic and/or chloritic micaceous quartzite.
Finlayson Group (DMF)	Upper Devonian to Lower Mississippian	DMF6	Assemblage of ultramafic rocks, serpentinite and metagabbro.
Grass Lakes Suite (DMG)	Late Devonian to Early Mississippian	DMgG	Mainly augen granodiorite. Fine to medium-grained, foliated granodiorite, granite, quartz monzonite.
Snowcap Assemblage (PDS)	Upper Devonian	PDS1	Assemblage of dominantly metasiliciclastic rocks. Polydeformed and metamorphosed quartzite, psammite, pelite and marble; minor greenstone and amphibolite.

The region is floored by windows of Snowcap Assemblage metasiliciclastic rocks, but is mostly underlain by Klondike Assemblage metavolcanic rocks. Sulphur Creek Suite orthogneiss, Grass Lakes Suite augen granodiorite and Finlayson Group ultramafic sills occur as localized bodies within the region. Fluvial pebble conglomerates of the Indian River Formation and overlying Carmacks Group hornblende-feldspar porphyry andesite flows cap the older units northeast of a major high angle fault, while patches of Ross Group bimodal volcanics are scattered throughout the area.

### **PROPERTY GEOLOGY**

Systematic property-scale geological mapping was performed on parts of the Trident property in 2017. Geological measurements were taken along road cuts where bedrock was present. There is little bedrock exposed on the property and it is limited to ridge crests, road cuts, placer workings and trench exposures.

The property geology described below is primarily based on regional mapping by the YGS and MDRU, but also incorporates observations and measurements made by various exploration geologists between 1992 and 2017. Figure 5 illustrates the property geology.

The Trident property is dominantly underlain by the Klondike Assemblage, consisting of quartz-muscovite schist, chlorite-biotite schist, and narrow horizons of graphite schist. Bleached sericite alteration and thin clay and hematite altered beds have been recognized locally within these units. Deformation is poorly understood. The schists typically exhibit well developed foliation. In the northeastern part of the property, bedrock exposed in trenches has a southerly strike with a shallow westerly dip of 15-35°. In the western part of the property, units typically strike east to northeast with steep southerly dips.

In the southern part of the property, Sulphur Creek Suite augen granodiorite intrudes the Klondike Assemblage.

### **PROPERTY MINERALIZATION**

The Trident property hosts two types of mineralization: 1) volcanogenic massive sulphide (VMS) horizons and 2) quartz veining. Abundance of vegetation, lack of outcrop and deep weathering, which is preserved by the absence of Pleistocene glaciation, hinder prospecting and rock sampling throughout the property. Deep weathering is particularly problematic for VMS mineralization because primary minerals are almost always oxidized and mobile metals are likely leached. Primary sulphides have been discovered as encapsulations in some quartz vein exposures.

The four main areas of mineralization on the Trident property are listed in Table III and described in more detail in the following paragraphs.

**Table III – Mineral Occurrences**

<b>Area Name</b>	<b>Mineralization Style</b>	<b>Claim Block</b>
Exploits Zone	VMS – Bimodal felsic	Squid East
Bonus Zone	Uncertain	Squid East
Santa Showing	Quartz vein	CH
Bored Anomaly	VMS – Bimodal felsic	Squid West & Squid

The **Exploits Zone**, in the northeast part of the property, is a north-northwesterly trending oxidized gold-silver±lead±zinc bearing sericite schist horizon. No rock sampling has been done; however, chip samples from excavator trenching in 2013 averaged 1.96 g/t gold, 160.60 g/t silver and 0.35% lead over 22 m from bleached and oxidized sericite schist. Drilling completed in 2013 and 2017 targeted this zone. The Exploits Zone is outlined by a 550 by 200 m multi-element soil geochemical anomaly (Anomaly A).

The **Bonus Zone** is also located in the northeast part of the property, 1200 m west of the Exploits Zone. Two trenches excavated in 2013 exposed sericite schist with minor horizons of graphite and chlorite-sericite schist. A single sericitic gouge horizon from trench E5-2 returned 1.02 g/t gold over 5 m. The Bonus Zone lies within a 1100 by 700 m lead and arsenic soil geochemical anomaly (Anomaly B).

The **Santa Showing** lies in the eastern part of the property along Christmas Creek. The showing is an approximately 1 m wide galena-bearing quartz vein that is reported to have a silver: lead ratio of 34.3 g/t silver to 1% lead. Rock and chip samples taken by Coureur Des Bois around the showing have yielded up to 119 ppb gold, 27.1 ppm silver, and 1220 ppm lead, while nearby soil sampling outlined a 2000 by 1300 m multi-element anomaly (Anomaly C). Rock samples taken from soil pits 1500 m north of the Santa Showing returned up to 6100 ppm lead. These pits were dug within a 2800 by 800 m multi-element soil geochemical anomaly (Anomaly D).

The **Bored Anomaly** (Anomaly E) is a 7 km long, up to 4.5 km wide lead-zinc soil anomaly that underlies the western portion of the property. The anomaly extends approximately 2 km off of the claims. Rock samples taken between 1990 and 1992 from goethite-rich quartz-sericite schist with 30-60% boxwork cavities returned up to 22.8 ppm silver, 7760 ppm lead, 460 ppm zinc, 2000 ppm copper and 5120 ppm barium (Carne, 1992). In 2017, a float sample of highly oxidized schist with 30% boxwork cavities returned 269 ppm zinc.

In 2017, nine rock samples were collected from the property. The best rock sample, a re-healed limonitic quartz breccia found along a quartz-muscovite and chlorite-biotite schist contact, returned 26.8 g/t silver and 589 ppm lead. Table IV summarizes results from rock geochemical sampling, while sample locations are plotted on Figure 6.

**Table IV – 2017 Rock Sample Data**

<b>Claim Option</b>	<b>Rock samples collected</b>	<b>2017 Significant results</b>	<b>Historical results</b>
Squid	2	-	-
CH	3	26.8 g/t Ag, 589 ppm Pb	119 ppb Au, 34.2 g/t Ag, 6,100 ppm Pb
Squid East	2	-	-
Squid West	2	2.93 g/t Ag, 293 ppm Pb, 269 ppm Zn	22.8 g/t Ag, 7760 ppm Pb, 2000 ppm Cu, 460 ppm Zn

The 2017 rock sample sites were marked with orange flagging tape labelled with their respective sample number. The location of each sample was determined using a hand-held GPS unit. Sample preparation for 2017 rock samples was carried out by ALS Minerals in Whitehorse and then sent to North Vancouver, where the samples were dried and fine crushed to better than 70% passing -2mm before a 250 g split was pulverized to better than 85% passing 75 micron. The fine fractions were then analyzed for 48 elements using a four acid digestion and inductively coupled plasma-atomic emission spectroscopy (ME-MS61) and for gold by fire assay fusion and inductively coupled plasma-atomic emission spectrometry (Au-ICP21). Certificates of Analysis and Rock Sample Descriptions are provided in Appendices III and IV, respectively.

### **SOIL GEOCHEMISTRY**

Previous soil sampling on the property has been primarily concentrated around the Exploits Zone, Bonus Zone, Santa Showing and Bored Anomaly, leaving the bulk of the Trident property largely untested. Six distinct geochemical anomalies (A to F) have been identified on the property to date. Anomalous thresholds and peak values for soil samples are listed in Table V.

**Table V – Threshold and Peak Values for Soil Samples**

Element	Anomalous Thresholds				
	Weak	Moderate	Strong	Very Strong	Peak
Gold (ppb)	$\geq 5 < 10$	$\geq 10 < 20$	$\geq 20 < 50$	$\geq 50$	1086
Silver(ppm)	$\geq 0.5 < 1$	$\geq 1 < 2$	$\geq 2 < 5$	$\geq 5$	79
Lead (ppm)	$\geq 20 < 50$	$\geq 50 < 100$	$\geq 100 < 200$	$\geq 200$	4981
Zinc (ppm)	$\geq 50 < 100$	$\geq 100 < 200$	$\geq 200 < 500$	$\geq 500$	1610

**Anomaly A** comprises a 550 by 200 m area that encompasses the Exploits Zone. A string of strongly anomalous gold (up to 1086 ppb), silver (up to 78.5 ppm), lead (up to 4494 ppm), and antimony (up to 209.8 ppm) is associated with near surface sericite and chlorite schist horizons.

**Anomaly B** is an 1100 by 700 m elongated area located 1200 m due west of Anomaly A. It is defined by elevated arsenic values (up to 137.5 ppm), which surround a 550 m long northwesterly trending band of high lead values (up to 793 ppm). The Bonus Zone lies within this anomaly.

**Anomaly C** lies in the eastern part of the property, approximately 2700 m south of Anomaly A. This anomaly is a 2000 by 1300 m ellipsoid that is situated along a northwesterly trending ridgeline. It contains strongly anomalous values for gold (up to 120 ppb), silver (up to 12.65 ppm), lead (up to 2100 ppm) and zinc (up to 1515 ppm). Base and precious metal values are strongest along the outer rim of the ellipsoid, with the strongest concentration proximal to Christmas Creek. Geochemical values are subdued towards the centre of the ellipsoid. This anomaly covers the Santa Showing.

**Anomaly D** is located less than 200 m northwest of Anomaly C. The anomaly is a 2800 by 800 m area with high gold (up to 51 ppb), silver (up to 12.3 ppm), lead (up to 2310 ppm) and zinc (up to 545 ppm) values. The geochemical signature carries across Christmas Creek, with the strongest values found with along the upper flanks of the adjacent hillside.

**Anomaly E** is a 7000 by 4500 m lead-zinc anomaly found on the western part of the property, approximately 8,000 m west of Anomaly D. The anomaly extends 2,000 m west, off of the property. The anomaly is centred on a north-south trending ridge and extends down the hillsides to the surrounding valley bottoms. Soil samples are anomalous for lead (up to 970.9 ppm) and zinc (up to 1610 ppm). This anomaly is also called the Bored Anomaly.

**Anomaly F** is a 500 m long string of samples located roughly 4000 m northeast of Anomaly E. Soil sampling in 2017 returned up to 25 ppb gold, 517 ppm lead and 414 ppm zinc from a cluster of samples located along a northwesterly trending ridgeline, in the headwaters of a tributary to Matson Creek.

In 2017, a total of 1158 grid and contour soil samples were collected from the Trident property, as summarized in Table VI. Figures 7A to 7C show 2017 soil sample locations, while Figures 8 to 12 illustrate thematic results for gold, silver, lead, zinc and antimony.

**Table VI – 2017 Soil Sample Data**

<b>Claim Group</b>	<b>Samples Collected</b>	<b>Significant Results</b>
Squid	369	80 ppb Au, 2.2 ppm Ag, 517 ppm Pb, 439 ppm Zn
CH	224	51 ppb Au, 5.4 ppm Ag, 1095 ppm Pb, 545 ppm Zn
Squid East	343	70 ppb Au
Squid West	222	52 ppb Au, 935 ppm Pb, 1610 ppm Zn

The 2017 soil sample locations were recorded using hand-held GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. In areas of thick vegetation flagging was also hung from branches at the sample site. Soil samples were collected in 5 to 120 cm deep holes dug by hand-held auger, with an average sample depth of 44 cm. They were placed into individually pre-numbered Kraft paper bags. The soil samples were sent to ALS Minerals in North Vancouver where they were dried and screened to -180 microns and then analysed for 35 elements using the inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21). Soil samples collected at the Bored Anomaly in 1978 and 1979 were only analysed for silver, lead, zinc and copper, while the rest of the historical sampling underwent analysis that covered gold, silver and all major base metals (Carne, 1992). Certificates of Analysis for the 2017 samples are provided in Appendix III.

### **DIAMOND DRILLING**

In 2013, Metals Creek completed four diamond drill holes totalling 428 m, at four drill sites. The holes tested the Exploits Zone, a shallow westerly dipping sericite schist horizon, to a maximum depth of 33 m. Core was drilled using NQ drill equipment and averaged 65% recovery. Data for these holes are listed in Table VII.

**Table VII – 2013 Diamond Drill Hole Data**

<b>Drill Hole</b>	<b>Easting (m)</b>	<b>Northing (m)</b>	<b>Elevation (m)</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Depth (m)</b>
SE-13-001	519815	7048051	801	072	-45	132
SE-13-002	519797	7048041	801	072	-60	140
SE-13-003	519783	7048073	789	072	-45	81
SE-13-004	519898	7048055	799	252	-45	75

Three of the four holes drilled were collared into the target sericite schist horizon. Samples from this horizon returned gold-silver results with strong lead support and associated antimony and selenium pathfinders. The fourth hole was drilled at the opposite orientation to confirm the dip direction of the zone. A petrographic study following the drill program concluded that anastomosing oxidized and limonitic clay stringers replaced gold-silver-lead±zinc bearing

sulphide mineralization (Colombo, 2013). Table VIII highlights the significant drill intercepts of the 2013 drill program.

**Table VIII – 2013 Diamond Drill Highlights**

<b>Drill Hole</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Interval (m)</b>	<b>Au (g/t)</b>	<b>Ag (g/t)</b>	<b>Pb (%)</b>
SE-17-001	9.00	21.00	12.00	1.699	81.775	0.312
SE-17-002	12.00	33.00	21.00	1.547	114.12	0.315
including	14.00	26.00	12.00	2.431	185.254	0.470
SE-17-003	6.50	13.00	6.50	0.371	39.89	0.664

In 2017, Trifecta Gold completed five diamond drill holes totalling 546.5 m, from three drill sites. These holes tested the Exploits Zone down-dip and along strike of the previous drill holes. Core was drilled using an A-5 diamond drill with HQ equipment. Drill core recovery was 90 to 95%. Figure 12 illustrates a plan-view of all diamond drill holes, while 2017 drill hole data are listed below in Table IX.

**Table IX – 2017 Diamond Drill Hole Data**

<b>Drill Hole</b>	<b>Easting (m)</b>	<b>Northing (m)</b>	<b>Elevation (m)</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Depth (m)</b>
SE-17-001	519706	7048004	802	072	-90	110
SE-17-002	519706	7048004	802	072	-45	92
SE-17-003	519677	7048100	783	072	-45	88
SE-17-004	519685	7048099	780	072	-45	122.50
SE-17-005	519734	7047926	825	072	-45	134

Drill core was logged, processed and stored on the property. All holes were sampled top to bottom, with one half of sampled core bagged and sent for analysis while the other half was returned to the core boxes. Drill core samples were processed in batches of 36 samples, with each batch including two standards, two blanks, one duplicate and one coarse reject duplicate for quality assurance and quality control (QAQC). Sample preparation for 2017 core samples was carried out by ALS Minerals in Whitehorse, where they were crushed to 70% passing -2 mm before a 250 g split was pulverized to better than 85% passing 75 micron. Splits of the pulverized fractions were then sent to ALS Minerals in North Vancouver, where they were dissolved in a four acid solution and analyzed for 48 elements using inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS61). An additional 30 g charge was further analyzed for gold by fire assay and inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Certificates of Analysis are provided in Appendix III, while Geological and Geotechnical Logs are located in Appendix V.

Two drill holes were planned for each of the drill pads at the Exploits Zone to confirm the dip and geometry of the mineralized horizon. However, due to difficult ground conditions only the first section was completed as planned. Every hole, except SE-17-03, which was abandoned before its target depth due to ground and equipment problems, intersected the mineralized sericite schist horizon at its anticipated depth.



All of the holes returned elevated values for gold, silver, lead and zinc, with associated barium, antimony and selenium pathfinder elements. Table X summarizes the highlight results. Figures 13 to 16 illustrate cross-sections of the five 2017 drill holes at the Exploits Zone.

**Table X – 2017 Diamond Drill Highlights**

Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
SE-17-001	48.30	50.43	2.13	1.425	36.60	0.097	0.053
	88.00	93.00	5.00	0.665	21.56	0.177	0.245
	99.00	101.45	2.45	1.048	21.79	0.120	0.202
SE-17-002	56.46	59.36	2.90	0.419	21.22	0.108	0.005
	77.40	86.64	9.24	0.762	74.13	0.415	0.427
including	80.96	82.15	1.19	2.100	325.00	1.195	0.889
SE-17-003	10.00	13.00	3.00	0.598	0.14	0.002	0.011
SE-17-004	81.18	86.35	5.17	0.534	46.42	0.492	0.608
including	82.26	83.86	1.60	1.010	97.70	1.055	1.190
SE-17-005	70.76	77.00	6.24	0.526	23.40	0.156	0.339
	91.20	92.50	1.30	0.612	52.30	0.513	0.755

The sericite schist zone is overlain by a package of chlorite to chlorite-biotite schist, with intermittent graphite schist horizons, and is underlain by rhyolitic tuff.

The sericite schist horizon can be characterized by three sub-units, which are variably developed throughout the mineralized zone.

1. Green sericite schist containing fine (1-3 mm) quartz and albite clasts and anastomosing oxidized clay stringers along foliations. Sulphide mineralization is found in deeper intercepts mainly as disseminated pyrite.
2. Bleached white to grey sericite schist alternating with a siliceous replacement phase of sheeted to banded quartz micro-floods (1 mm)
3. developed along the plane of foliation. Polymetallic sulphide mineralization is found as disseminations and as concentrated bands.
4. Intensely faulted and clay gouge altered sericite schist.

Veins and veinlets of quartz, carbonate and minor barite occur throughout all lithological units. Chlorite, graphite and sericite schist units are heavily faulted, fractured and locally deformed.

### **METALLURGY**

Following drilling in 2013, Metals Creek conducted preliminary cyanide leach bottle-roll testing. Coarse reject material from trench E4-3 and drill core at the Exploits Zone yielded gold recovery results that are summarized in Table XI (Redfean, 2013).

**Table XI – Results of 72-hour Cyanide Leach Bottle-Roll Test**

<b>Sample ID</b>	<b>Measured (Au, g/t)</b>	<b>Calculated Head Au (g/t)</b>	<b>Recovery Au (%)</b>
1308701	8.55	8.18	95.7
1308707	2.53	2.76	91.0
SE-13-001-005	1.95	1.98	93.2
SE-13-002-007	0.71	0.68	83.8
SE-13-002-008	9.99	8.36	95.1
SE-13-002-013	1.76	1.58	93.4

During testing, gold responded with an averaged 92% recovery rate during a 72-hour test cycle. Over a 48-hour period, testing was deemed sufficient for gold-leaching, with the exception of SE-13-002-008, which required extended leach retention time. Silver recovery was not tested.

Samples were previously crushed to 6-Tyler mesh at ACME Labs, requiring only grinding to be completed prior to cyanidation. Gold analysis was completed via fire assay, in which each sample was melted to a slag and re-melted in a cupel before being dissolved in acid and analyzed by Atomic Absorption (AA) Spectrophotometry. Each sample subject to bottle-roll testing was wet ground via rod mill at 65% solids pulp density to a target P80 grind size of 150 mesh. Particle size was analyzed by wet screening through 400 Tyler mesh before being dry screened through stacked sieves. Bottle-roll testing was carried out on 40 wt. % solids, with cyanide levels adjusted at 1.0g/L for the duration of the test. Intermediate solution samples were removed and analyzed to determine dissolution at 2-, 4-, 7-, 24- and 47 hours of retention time before being terminated at 72 hours. Detailed testing reports including metallurgical balance and test procedure can be found in the December 2013 Bottle Roll Cyanidation report (Redfearn, 2013).

### **GEOPHYSICAL SURVEYS**

In 2013, Metals Creek and Coureur Des Bois accessed Regional 200 m Residual Total Field and First Vertical Derivative (FVD) surveys conducted by the YGS in the Matson Creek area for preliminary interpretation. The FVD survey outlined a steep magnetic gradient that trends in conjunction with the Exploits Zone. A nearby magnetic high is bisected by a northwesterly trending fault previously identified by the YGS (YGS, 2017).

In 2013, Metals Creek completed an airborne magnetic and radiometric survey, flown at 100 m line spacing over the Squid East claims. Figures 17 and 18 illustrate FVD and Total Magnetic Intensity (TMI) data, respectively.

FVD data generated by the survey outlined a 1200 m northwesterly trending magnetic low that is coincident with the soil geochemical signature that delineates the Exploits Zone. A series of southwesterly trending faults transected by a 3000 m northwesterly trending fault around this magnetic low was inferred from the data.

Total Magnetic Intensity (TMI) data identified an approximately 800 m long moderate to low northwesterly trending linear that roughly traces the Exploits Zone, with a broad magnetic high along the western side of the zone. This magnetic high may indicate the presence of graphite or magnetite bearing horizons proximal to mineralization at the Exploits Zone.

### **DISCUSSION AND CONCLUSIONS**

The Trident property covers multiple silver-lead-zinc±gold VMS-style showings, silver-lead bearing quartz veining and the Matson Creek placer gold camp, which has produced approximately 38,000 ounces of gold with no established bedrock source.

Soil geochemical sampling in 2017 identified two new anomalies and expanded on areas that were previously recognized to be prospective. Most geochemical anomalies on the property are characterized by a strongly elevated lead and zinc response supported by more localized gold and silver highs. This signature is consistent with underlying VMS-style mineralization.

Drilling conducted by Trifecta Gold on the property was designed to confirm historical drill results at the Exploits Zone. Four of the five holes intersected the gold-silver-lead-zinc bearing sericite to quartz-sericite schist horizon, but results did not replicate those seen during the 2013 drill program. The best intersection, from hole SE-17-002, graded 0.762 g/t gold, 74.13 g/t silver, 0.415 % lead and 0.427 % zinc over 9.24 m.

The presence of bimodal metavolcanics featuring chlorite and sericite alteration assemblages is typical of Kuroko-type VMS host rocks. This lithological evidence is strengthened by the presence of quartz-carbonate feeder veins and veinlets, polymetallic sulphide mineralization and strongly associated antimony, barium and selenium indicator elements, which are typical of VMS deposits.

Within the Dawson Range, the Exploits Zone draws comparison to the Touleary VMS deposit, located 97 km to the southeast. The Touleary deposit is also situated within the YTT, is hosted in sericitized volcanoclastics and is outlined by a linear FVD magnetic low. Intercepts at the Touleary property include 1.37 % copper, 14.5 g/t silver, 0.80 g/t gold and 0.41 % zinc over 6.09 m. The Exploits Zone also has similarities to the Wolverine Mine VMS deposit in the Finlayson Lake district, which was situated adjacent to the Dawson area before displacement of the Tintina Fault. The Wolverine Mine, a bimodal-felsic VMS deposit, has a measured and indicated resource of 4.46 Mt grading 12.14% zinc, 354.8 g/t silver, 1.16% copper, 1.70 g/t gold and 1.58% lead, which is described in an initial NI43-101 compliant report (Yukon Zinc Corp., 2013).

Further work on the Trident property is warranted to fully evaluate the known soil geochemical anomalies, especially those on the CH and wholly-owned Squid claims. Future work should include but not be limited to: 1) reconnaissance-scale soil geochemical coverage across the entire property; 2) grid soil geochemical sampling to expand and better define known geochemical anomalies; 3) silt sampling and gold pan concentrate sampling along tributaries of Matson Creek to identify gold-bearing tributaries of the nearby Matson Creek placer camp; 4) airborne FVD and TMI geophysical surveys across prospective areas on the CH and Squid claims; and 5)

mechanized trenching to expose bedrock around the Santa Showing and within the areas of the soil anomalies.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A handwritten signature in blue ink, appearing to read 'K. Willms', is positioned above the name 'Kelson Willms, B.Sc.'.

Kelson Willms, B.Sc.

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Yukon Zinc Corp.  
2013 <http://yukonzinc.com>

**APPENDIX I**  
**STATEMENT QUALIFICATIONS**



## STATEMENT OF QUALIFICATIONS

I, Kelson Willms, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2017 with a B.Sc in Earth and Environmental Sciences.
2. From 2015 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia.
3. I have personally supervised the fieldwork reported herein and have interpreted all data resulting from this work.



K. Willms, B.Sc.

**APPENDIX II**  
**STATEMENT OF EXPENDITURES**

Statement of Expenditures  
Squid East 1-82 Mineral Claims  
November 16, 2017

Labour

D. Eaton (geologist) 4 hours August to October at \$120/hr	\$ 504.00
M. le Levier (cook) 272 hours August to October at \$101/hr	28,845.60
B. Bark (camp manager) 256 hours August to October at \$85/hr	22,848.00
J. Morris (field assistant) 24 hours August to October at \$66/hr	1,663.20
K. Willms (geologist) 368 hours August to October at \$62/hr	23,956.80
R. Bruce (geologist) 304 hours August to October at \$57/hr	18,194.40
N. Ganderton (geologist) 320 hours August to October at \$57/hr	19,152.00
J. Mariacher (office) 40 hours August to October at \$90/hr	3,780.00
S. Newman (office) 29.5 hours August to October at \$68/hr	2,106.30
W. Schneider (expedite) 104 hours August to October at \$96/hr	10,483.20
D. Huston (expedite) 22 hours August to October at \$92/hr	2,125.20
C. Beck (expedite) 23 hours August to October at \$81/hr	1,956.15
L. Corbett (expedite) 53 hours August to October at \$81/hr	4,507.65
L. Smith (expedite and office) 79 hours August to October at \$81/hr	6,718.95
N. Peterson (field assistant) 20 hours August to October at \$64/hr	1,344.00
V. Cournoyer-Derome (expedite) 17 hours August to October at \$51/hr	<u>910.35</u>
	149,095.80

Expenses

Field room and board – 195 1/2 mandays at \$195/day	43,078.43
Platinum Diamond Drilling Inc.	187,466.89
Mercer Contracting	87,421.32
Magna North Gold Ltd.	11,300.00
Chieftain Energy LP	10,618.29
15317 Yukon Inc.	14,831.25
Ecofor Consulting BC Ltd.	4,825.10
ALS Chemex	<u>24,896.44</u>
	384,437.72

Total \$533,533.52

Total footage of 546.5 m in five holes, all on Squid East 25 = \$976.27/m

Note: more than \$20,700 of these expenditures were incurred subsequent to September 13, 2017 to cover the filing on the Squid East 37-82 claims.

**APPENDIX III**  
**CERTIFICATES OF ANALYSIS**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: **TRIFECTA GOLD LTD.**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981)**  
**LIMITED**  
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**VANCOUVER BC V6B 1L8**

Page: 1  
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 Plus Appendix Pages  
 Finalized Date: 20- SEP- 2017  
 Account: FECTRI

**CERTIFICATE VA17189274**

Project: TRIDENT (SQUID EAST)  
 P.O. No.: 17- 003  
 This report is for 36 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5- SEP- 2017.  
 The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES

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**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Plus Appendix Pages  
 Finalized Date: 20- SEP- 2017  
 Account: FECTRI

Project: TRIDENT (SQUID EAST)

**CERTIFICATE OF ANALYSIS VA17189274**

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR																
W591073		4.38	0.037	0.99	10.50	13.8	130	1.53	0.06	0.05	0.46	72.5	6.6	141	2.10	21.0
W591074		4.54	0.149	10.15	10.45	14.0	80	1.70	0.21	0.04	2.92	62.7	9.4	120	2.01	419
W591075		6.18	0.094	2.84	9.31	4.0	660	1.71	0.46	0.02	0.16	45.5	14.9	79	2.56	219
W591076		3.46	0.087	6.77	4.05	3.7	2200	0.97	0.55	0.02	0.20	19.55	0.7	24	0.85	1270
W591077		3.98	<0.001	0.07	0.07	0.3	40	0.06	0.03	20.7	0.07	1.12	1.0	<1	0.09	8.5
W591078		7.30	0.021	3.21	4.77	3.9	1590	1.26	0.90	0.04	7.24	21.7	0.4	8	1.37	107.0
W591079		5.32	0.010	1.81	4.68	9.4	4710	1.22	0.47	0.03	0.11	25.8	0.2	7	1.27	36.0
W591080		5.00	0.044	3.32	4.37	27.3	4320	0.94	0.22	0.02	0.46	14.35	0.2	10	1.03	213
W591081		3.16	0.057	5.21	3.64	29.9	1820	0.93	0.31	0.01	0.90	21.3	0.3	9	0.86	676
W591082		4.28	0.474	25.1	3.06	22.7	200	0.67	2.51	0.06	1.76	30.0	1.4	28	1.15	1855
W591083		0.26	1.320	29.1	7.49	138.0	90	0.59	9.45	5.96	35.2	27.6	98.5	124	1.86	6760
W591084		5.26	0.031	2.29	8.99	6.0	5300	1.63	0.18	0.63	64.3	122.5	35.6	9	1.93	109.0
W591085		3.80	2.10	>100	8.57	95.4	200	1.65	1.24	0.30	78.2	78.4	6.2	17	2.46	2620
W591086		4.14	0.534	33.9	9.10	13.8	1390	1.65	1.47	0.51	23.8	89.8	3.6	25	2.66	351
W591087		4.42	0.542	51.3	8.25	22.0	1220	1.02	0.85	0.10	8.13	43.4	2.1	18	1.22	334
W591088		5.28	1.335	78.2	7.55	3.6	370	1.54	1.96	0.64	34.0	82.2	3.6	18	2.08	680
W591089		5.92	0.009	0.68	8.22	2.7	4850	1.40	0.17	2.22	4.40	62.3	23.0	41	1.52	56.7
W591090		<0.02	0.017	0.75	8.09	4.0	4680	1.38	0.17	2.15	4.37	62.7	23.6	42	1.52	61.4
W591091		4.88	0.067	1.77	7.61	12.0	1950	1.24	0.08	2.90	0.30	42.3	28.2	25	3.55	10.6
W591092		8.20	0.019	0.36	8.08	16.0	1990	1.41	0.07	2.74	0.18	47.5	31.3	22	2.50	2.8
W591093		10.64	0.002	0.10	8.61	19.8	2500	1.55	0.06	2.99	0.20	63.9	30.4	7	2.78	2.8
W591094		10.14	0.598	0.14	8.08	20.7	2440	1.57	0.07	4.04	0.38	67.5	30.2	8	2.89	2.4
W591095		10.54	0.007	0.05	8.08	22.5	2620	1.61	0.07	4.71	0.38	57.5	29.5	7	2.45	2.5
W591096		11.42	0.016	0.05	7.65	19.8	2240	1.41	0.07	4.62	0.37	46.6	28.2	6	2.35	2.1
W591097		5.64	0.007	0.07	8.09	22.0	2240	1.28	0.07	5.33	0.43	56.9	26.7	5	2.36	2.9
W591098		10.38	0.001	0.07	7.99	21.8	1990	1.30	0.07	5.04	0.36	54.0	25.3	5	2.50	1.5
W591099		10.30	<0.001	0.07	8.77	21.0	2200	1.43	0.08	5.30	0.39	67.8	29.0	6	2.60	2.0
W591100		10.02	0.002	0.05	8.22	20.1	1970	1.45	0.06	4.83	0.32	66.2	30.0	5	2.22	1.7
W591101		9.22	0.047	0.07	9.24	15.6	2810	2.30	0.07	2.53	0.18	80.7	32.0	8	3.68	9.8
W591102		4.32	<0.001	0.02	0.07	<0.2	50	0.06	0.03	21.0	0.07	1.08	1.1	1	0.10	2.8
W591103		11.00	0.001	0.06	8.51	10.6	1610	1.17	0.06	2.76	0.21	63.4	28.2	6	1.22	2.0
W591104		10.06	0.001	0.04	8.95	7.9	1500	1.38	0.08	1.61	0.17	66.1	30.3	9	0.95	3.2
W591105		0.18	1.460	29.8	7.54	134.0	90	0.62	10.15	6.00	33.4	29.8	96.1	123	1.74	6870
W591106		6.40	0.002	0.10	8.33	7.8	1710	1.46	0.08	2.08	11.30	68.9	43.7	7	2.04	7.7
W591107		5.94	0.191	13.20	8.77	4.5	1710	1.41	0.07	1.22	1.05	56.6	24.7	33	1.70	94.0
W591108		7.60	0.138	7.62	10.00	12.2	9900	1.91	0.28	0.31	0.36	44.5	5.5	217	2.27	95.2



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**CERTIFICATE OF ANALYSIS VA17189274**

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	
W591073	4.16	23.8	0.13	2.1	0.071	3.90	32.8	18.6	0.52	50	1.25	0.96	1.8	13.4	470	
W591074	5.00	23.6	0.12	2.2	0.061	4.12	26.1	18.1	0.44	38	6.82	0.73	1.5	13.3	370	
W591075	2.34	25.9	0.08	3.9	0.063	4.10	27.2	20.1	0.54	46	6.89	0.38	10.8	20.4	170	
W591076	0.99	11.85	<0.05	1.7	0.075	1.61	15.3	9.2	0.24	45	17.30	0.19	5.4	2.7	290	
W591077	0.45	0.34	0.20	<0.1	0.007	0.02	0.6	1.0	13.10	194	0.20	0.01	0.2	1.4	190	
W591078	1.17	13.55	0.12	2.0	0.063	2.03	11.7	13.8	0.34	46	6.61	0.13	8.6	1.5	70	
W591079	0.92	14.10	0.13	1.9	0.043	1.91	14.6	15.1	0.32	48	9.04	0.16	8.3	1.3	50	
W591080	0.75	12.50	0.12	1.6	0.034	1.92	7.8	15.4	0.32	45	7.53	0.13	6.8	1.3	30	
W591081	0.75	10.90	0.14	1.4	0.024	1.56	11.3	15.6	0.26	44	5.42	0.10	6.0	1.2	30	
W591082	1.38	10.55	0.13	1.3	0.032	1.15	14.7	9.3	0.19	47	19.90	0.09	3.9	3.0	80	
W591083	9.72	12.35	0.09	0.7	2.58	1.05	16.1	8.7	2.28	916	57.8	0.86	2.9	381	700	
W591084	5.90	22.6	0.15	1.0	0.071	2.17	53.4	39.3	3.26	871	2.64	0.71	4.2	15.1	1030	
W591085	2.32	27.4	0.16	4.1	0.087	3.38	39.3	20.6	0.84	114	36.9	0.59	13.7	11.1	150	
W591086	2.26	28.8	0.14	4.1	0.095	3.48	48.8	19.9	0.76	147	31.1	0.72	13.9	11.5	240	
W591087	1.81	24.2	0.10	3.5	0.060	2.53	28.0	20.7	1.68	102	29.9	0.91	10.5	9.0	130	
W591088	2.21	23.2	0.18	3.3	0.067	3.04	34.9	16.4	0.63	183	49.4	0.50	10.7	14.8	240	
W591089	5.75	21.0	0.15	0.3	0.068	1.83	30.1	33.8	4.23	968	0.94	0.95	2.3	10.5	1150	
W591090	5.53	20.3	0.14	0.3	0.062	1.74	30.4	32.5	4.12	923	0.62	0.95	2.3	10.5	1120	
W591091	5.83	18.70	0.13	0.3	0.064	2.44	19.2	29.5	3.73	959	0.87	0.59	1.8	13.0	1370	
W591092	6.34	21.2	0.13	0.1	0.069	2.27	21.9	34.8	4.56	940	0.55	1.22	1.2	9.6	1700	
W591093	6.72	22.5	0.17	0.1	0.077	2.49	28.0	34.6	4.38	734	0.42	1.60	1.6	7.1	2190	
W591094	6.42	22.6	0.21	0.1	0.075	2.53	28.8	34.6	4.04	800	0.59	1.59	2.1	5.9	2120	
W591095	6.53	22.0	0.11	0.1	0.070	2.53	25.9	31.2	3.95	806	0.40	1.71	2.0	5.5	2230	
W591096	6.03	21.3	0.15	0.1	0.070	2.48	19.2	30.3	3.84	865	0.30	1.46	1.8	4.6	1940	
W591097	6.05	21.2	0.17	0.1	0.075	2.43	24.5	27.6	3.85	966	0.19	1.60	1.9	4.6	2230	
W591098	6.16	20.2	0.14	0.1	0.066	2.37	23.8	28.2	3.67	838	0.21	1.66	1.9	4.4	2300	
W591099	6.54	22.1	0.11	0.1	0.083	2.59	30.0	30.2	3.62	824	0.38	1.65	2.0	5.6	2150	
W591100	6.40	21.0	0.13	0.1	0.069	2.20	29.9	33.5	4.21	881	0.76	1.70	1.7	5.1	2190	
W591101	6.53	24.0	0.18	0.1	0.081	3.01	37.4	45.7	5.13	583	0.55	0.60	1.6	5.7	1910	
W591102	0.50	0.34	0.12	<0.1	0.005	0.03	0.6	1.1	13.25	212	0.12	0.01	0.1	1.3	180	
W591103	6.57	19.95	0.13	0.1	0.071	1.53	29.7	36.3	5.51	670	0.31	1.54	1.3	4.9	1620	
W591104	7.02	23.1	0.12	0.1	0.078	1.47	28.3	45.0	6.11	602	0.14	1.56	1.4	6.2	1920	
W591105	9.78	12.20	0.07	0.7	2.51	1.05	16.8	9.1	2.29	926	59.1	0.86	3.1	386	700	
W591106	6.64	22.2	0.12	0.1	0.075	1.74	30.3	44.9	5.37	935	0.55	0.79	1.3	11.4	1710	
W591107	6.43	19.50	0.07	0.4	0.058	1.71	25.9	43.3	3.19	432	2.44	0.90	1.0	14.8	860	
W591108	6.34	21.7	0.06	0.9	0.056	3.80	23.2	29.4	2.07	482	7.55	0.32	0.8	13.1	580	



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**CERTIFICATE OF ANALYSIS VA17189274**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
W591073		116.0	145.5	0.003	3.08	4.93	47.7	3	1.2	258	0.10	0.12	20.9	0.180	14.35	2.8
W591074		1620	144.5	0.021	4.64	8.99	40.6	5	1.2	170.5	0.10	0.81	22.0	0.168	12.55	4.2
W591075		478	158.0	0.017	1.54	4.72	25.4	2	3.1	131.0	0.95	0.24	18.00	0.124	11.60	3.9
W591076		2830	64.2	0.013	0.37	9.54	6.8	1	1.7	73.8	0.50	0.67	15.30	0.040	4.09	1.8
W591077		16.1	1.0	<0.002	<0.01	0.12	0.2	1	<0.2	49.8	<0.05	<0.05	0.20	<0.005	0.02	0.7
W591078		1215	90.6	0.005	0.48	5.99	5.5	1	2.4	79.3	0.67	0.19	7.10	0.037	3.84	1.4
W591079		290	89.4	0.004	0.30	26.2	5.2	1	2.8	59.2	0.61	0.09	4.66	0.036	3.08	0.9
W591080		668	86.1	0.006	0.30	174.5	4.7	1	2.0	71.3	0.50	0.32	4.00	0.034	3.02	1.0
W591081		1500	74.6	0.005	0.35	175.0	4.1	1	1.8	98.4	0.44	0.39	3.34	0.028	2.47	0.9
W591082		5290	51.9	0.011	0.61	109.5	5.5	4	1.2	1290	0.29	0.79	9.39	0.035	2.44	2.0
W591083		8940	43.7	0.016	6.41	32.2	12.6	14	7.0	158.5	0.22	0.56	3.70	0.208	2.29	6.1
W591084		194.0	88.6	0.003	0.80	12.65	19.9	2	1.7	113.5	0.29	<0.05	10.40	0.127	4.81	4.1
W591085		>10000	146.5	0.058	2.35	1565	9.1	12	3.9	191.0	1.08	0.48	25.4	0.096	9.13	7.3
W591086		3110	149.0	0.045	0.73	159.5	9.5	7	4.1	276	1.06	0.19	34.0	0.117	9.44	7.2
W591087		4120	96.2	0.065	1.03	238	7.6	8	3.1	250	0.77	0.17	21.4	0.091	6.89	12.8
W591088		2900	129.0	0.049	1.04	67.6	9.0	8	3.4	726	0.75	0.18	23.0	0.095	7.13	7.5
W591089		73.5	42.1	0.005	0.57	3.17	23.7	1	1.4	211	0.14	<0.05	6.21	0.174	2.19	6.8
W591090		78.8	45.2	0.004	0.57	3.75	23.1	1	1.3	202	0.15	<0.05	6.36	0.169	2.11	5.9
W591091		32.3	42.8	<0.002	0.01	1.73	27.0	1	0.9	127.0	0.11	<0.05	2.62	0.283	0.34	1.2
W591092		14.4	32.8	<0.002	0.01	1.11	27.4	1	1.0	111.5	0.07	<0.05	3.38	0.283	0.26	1.0
W591093		15.8	33.9	<0.002	<0.01	1.35	23.8	1	1.3	141.5	0.08	<0.05	5.05	0.334	0.26	1.0
W591094		15.7	38.4	<0.002	<0.01	2.03	18.0	1	1.3	138.5	0.11	<0.05	5.49	0.341	0.26	1.1
W591095		13.9	36.5	<0.002	<0.01	1.74	24.8	1	1.2	170.0	0.10	<0.05	5.47	0.337	0.24	1.2
W591096		14.4	30.2	<0.002	<0.01	1.98	21.7	1	1.1	175.0	0.10	<0.05	4.22	0.313	0.26	1.2
W591097		14.0	35.8	<0.002	<0.01	1.92	22.3	1	1.2	188.0	0.10	<0.05	4.88	0.316	0.25	1.2
W591098		14.1	36.4	<0.002	<0.01	1.76	22.0	1	1.1	178.5	0.10	<0.05	4.96	0.325	0.25	1.3
W591099		14.9	43.8	<0.002	<0.01	2.17	24.3	1	1.2	199.5	0.11	<0.05	5.56	0.337	0.31	1.4
W591100		12.6	30.8	<0.002	<0.01	1.95	24.1	1	1.1	154.5	0.09	<0.05	5.91	0.307	0.30	1.3
W591101		13.0	52.7	<0.002	0.04	1.70	25.5	1	1.2	105.5	0.08	<0.05	6.97	0.272	0.48	1.2
W591102		1.5	0.9	<0.002	<0.01	0.07	0.2	1	<0.2	47.6	<0.05	<0.05	0.07	<0.005	<0.02	0.6
W591103		12.1	16.4	0.002	<0.01	1.88	20.8	1	1.0	126.0	0.07	<0.05	5.67	0.231	0.31	1.2
W591104		12.7	8.3	<0.002	0.01	2.30	21.0	1	1.2	122.0	0.07	<0.05	4.41	0.208	0.30	1.5
W591105		8920	46.6	0.016	6.42	30.0	13.3	13	6.9	154.5	0.22	0.57	3.36	0.209	2.25	6.2
W591106		16.4	19.2	<0.002	0.44	2.28	24.9	1	1.1	73.7	0.07	<0.05	4.89	0.193	0.44	1.2
W591107		233	42.4	0.003	1.17	4.32	23.1	2	1.1	691	0.05	<0.05	4.75	0.115	3.47	3.3
W591108		221	95.4	0.004	0.94	2.55	55.7	3	1.1	202	<0.05	<0.05	6.82	0.160	10.20	2.5





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Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ag- OG62	Pb- OG62
		V	W	Y	Zn	Zr	Ag	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	1	0.001
W591073		221	6.9	10.2	103	87.3		
W591074		152	6.6	4.6	276	100.0		
W591075		121	6.9	5.1	75	126.0		
W591076		21	3.5	2.2	65	50.1		
W591077		2	0.1	0.8	17	0.6		
W591078		6	6.7	2.8	883	60.3		
W591079		6	7.0	2.9	51	56.4		
W591080		3	2.7	2.4	57	47.5		
W591081		3	2.6	2.4	65	43.3		
W591082		36	5.9	3.2	227	42.4		
W591083		404	6.2	13.0	8090	26.1		
W591084		159	7.7	21.4	9260	35.6		
W591085		39	7.2	11.7	8890	137.5	325	1.195
W591086		61	7.1	13.1	2270	126.5		
W591087		51	2.4	6.6	1070	103.5		
W591088		54	2.8	16.6	3560	106.5		
W591089		204	4.1	21.6	729	12.1		
W591090		194	4.2	21.4	698	12.7		
W591091		178	11.9	17.2	151	10.4		
W591092		209	4.0	18.5	138	1.8		
W591093		249	1.1	23.2	113	2.2		
W591094		236	1.6	23.2	107	3.2		
W591095		268	1.4	22.1	106	4.8		
W591096		262	1.2	18.7	103	3.7		
W591097		256	1.2	21.6	94	3.9		
W591098		251	1.0	21.2	91	4.0		
W591099		283	0.8	23.5	99	4.2		
W591100		247	1.1	22.9	111	4.1		
W591101		243	6.0	21.3	218	4.1		
W591102		3	0.1	0.8	17	<0.5		
W591103		240	1.0	18.5	107	4.1		
W591104		258	0.8	20.1	122	3.7		
W591105		397	6.6	12.9	8150	26.3		
W591106		244	1.8	21.0	432	3.4		
W591107		209	1.7	11.1	542	18.0		
W591108		272	3.8	7.1	558	39.2		



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Finalized Date: 20- SEP- 2017  
Account: FECTRI

Project: TRIDENT (SQUID EAST)

**CERTIFICATE OF ANALYSIS VA17189274**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REE's may not be totally soluble in this method.  
ME- MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag- OG62	Au- ICP21	CRU- 31	LOG- 21
LOG- 21d	LOG- 23	ME- MS61	ME- OG62
Pb- OG62	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	



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**Plus Appendix Pages**  
**Finalized Date: 21- OCT- 2017**  
**Account: FECTRI**

**CERTIFICATE WH17197080**

Project: Trident (Squid East)  
 P.O. No.: BATCH17- 006  
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.  
 The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197080**

Sample Description	Method Analyte Units LOR	WEI- 21	Ag- OG62	Pb- OG62	Zn- OG62	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Pb %	Zn %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	1	0.001	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
W591181		3.78				1.18	5.88	107.5	1620	1.70	0.16	1.99	18.80	59.3	18.2	71
W591182		5.83				1.34	7.68	226	4330	1.57	0.33	1.76	43.2	68.6	24.9	52
W591183		7.67				2.70	7.35	58.4	4140	1.15	0.29	1.85	16.35	51.6	16.9	27
W591184		4.29				0.49	8.03	3.6	2510	1.17	0.11	3.35	2.57	41.2	27.9	12
W591185		0.12	724	1.875	2.65	>100	4.76	9000	100	0.94	0.20	2.08	280	30.8	14.9	43
W591186		5.57				0.67	7.03	4.6	2030	1.10	0.07	2.86	2.00	31.7	28.1	66
W591187		3.56				57.9	8.04	6.7	370	2.05	0.94	0.16	76.3	85.7	2.7	22
W591188		4.80		1.055	1.190	97.7	6.82	5.2	340	1.63	1.45	0.60	129.5	74.2	2.8	17
W591189		4.62				1.67	7.32	2.6	5460	1.57	0.15	2.43	4.52	44.2	24.0	33
W591190		4.06				0.07	0.07	0.8	30	0.05	0.03	20.8	0.11	1.14	0.6	1
W591191		3.43				15.80	3.96	3.8	250	0.93	0.25	0.33	17.40	49.7	1.8	22
W591192		4.02				22.2	5.84	6.1	240	0.83	1.23	0.24	33.5	67.0	2.3	27
W591193		3.16				2.85	6.98	1.7	920	1.14	0.63	1.00	2.51	73.6	5.3	52
W591194		7.01				1.32	7.46	4.6	4470	1.33	0.50	1.66	1.48	64.3	13.8	21
W591195		5.69				0.37	7.97	3.1	2960	1.52	0.09	2.83	2.90	54.1	26.3	21
W591196		2.41				0.24	8.00	2.4	2930	1.49	0.08	2.78	2.83	53.8	24.7	21
W591197		4.76				0.33	6.55	9.6	2490	1.87	0.15	2.67	4.59	56.1	17.9	93
W591198		3.11				0.34	6.64	21.1	960	2.78	0.50	2.55	1.16	65.1	13.9	66
W591199		5.58				0.06	8.03	7.0	1630	1.43	0.15	3.05	0.54	54.4	19.8	73
W591200		3.59				0.56	6.84	5.9	1010	2.39	0.28	1.76	0.50	56.3	8.7	30
W591251		4.34				0.02	0.07	0.4	30	0.05	0.03	20.6	0.06	1.30	0.7	1
W591252		5.22				0.22	7.16	1.9	1450	2.13	0.41	1.06	0.57	65.6	7.0	14
W591253		5.18				0.34	5.97	2.3	620	1.54	0.62	1.01	0.53	51.1	6.9	11
W591254		4.89				0.09	7.10	1.2	1080	1.17	0.32	2.82	0.31	31.7	20.2	68
W591255		10.29				0.08	7.15	3.7	1160	1.16	0.40	2.28	0.24	37.0	18.5	34
W591256		6.36				0.06	6.60	0.4	2230	1.93	0.22	1.21	0.15	77.0	5.0	13
W591257		0.13				28.4	7.29	127.0	130	0.54	9.75	5.85	34.7	31.7	89.6	116
W591258		4.10				0.08	7.24	1.4	1200	1.64	0.50	2.47	0.26	67.3	14.5	47
W591259		11.20				0.09	7.39	0.8	1080	1.89	0.69	3.03	0.40	76.3	17.6	83
W591260		3.63				0.12	7.04	21.1	610	2.92	0.93	2.99	0.37	58.9	11.1	52
W591261		3.77				0.06	6.71	29.7	500	2.75	0.32	0.60	0.04	81.0	11.0	57
W591262		9.43				0.06	6.23	25.5	630	1.83	0.31	1.05	0.02	74.0	9.4	57
W591263		<0.02				0.06	6.02	24.4	630	1.61	0.32	1.04	0.04	73.3	8.8	57
W591264		7.13				0.04	5.77	23.4	710	1.84	0.13	0.87	0.03	72.7	8.6	55
W591265		4.09				0.10	7.04	28.7	590	2.38	0.30	1.17	0.31	84.3	11.4	60
W591266		4.87				0.16	6.51	34.5	720	2.33	0.37	1.05	0.26	81.6	10.0	58



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197080**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
W591181		1.54	96.6	2.69	14.70	0.13	1.4	0.049	2.01	27.8	12.2	1.87	634	13.85	0.77	6.9
W591182		1.77	88.2	4.22	18.60	0.15	1.4	0.047	2.10	30.5	24.8	3.11	668	8.26	1.10	6.2
W591183		1.38	84.4	4.25	17.65	0.12	0.8	0.050	1.97	21.9	24.0	2.98	664	1.95	1.10	5.9
W591184		1.14	64.9	6.52	21.3	0.11	0.3	0.067	1.60	15.2	31.0	4.18	1140	0.98	1.45	2.7
W591185		7.50	968	12.25	13.60	0.16	1.4	0.579	2.66	13.0	23.4	0.34	2130	10.60	0.03	6.1
W591186		0.91	31.0	6.01	17.00	0.08	0.2	0.052	1.20	12.6	32.3	4.92	1040	0.30	1.02	2.2
W591187		2.24	207	2.20	22.8	0.14	3.6	0.106	3.67	38.8	23.6	0.94	100	16.95	0.58	12.5
W591188		1.91	163.0	1.97	18.35	0.16	3.0	0.119	2.94	34.0	18.6	0.97	205	8.57	0.53	9.3
W591189		5.36	76.2	5.85	19.70	0.11	0.7	0.058	2.24	16.9	41.8	4.54	1040	0.78	0.48	3.8
W591190		0.12	2.3	0.47	0.24	0.10	<0.1	<0.005	0.03	0.5	0.9	12.90	202	0.10	0.01	0.2
W591191		1.88	114.5	1.45	11.20	0.11	1.8	0.040	1.65	22.2	14.8	0.50	74	15.00	0.19	6.4
W591192		2.03	385	1.70	14.55	0.11	2.2	0.039	2.34	30.7	10.3	0.38	56	18.50	0.43	7.8
W591193		2.85	30.5	2.46	16.85	0.12	2.3	0.039	2.50	35.4	18.9	1.90	449	17.40	0.44	7.6
W591194		4.07	66.5	4.32	19.40	0.12	1.6	0.053	2.12	29.6	32.0	3.76	756	6.24	0.75	5.6
W591195		4.11	40.9	6.50	19.95	0.12	0.5	0.056	2.49	21.7	70.4	4.18	1420	1.06	0.49	3.4
W591196		4.03	32.9	6.33	19.30	0.11	0.5	0.065	2.55	21.8	70.5	4.22	1400	1.15	0.34	3.1
W591197		13.25	49.3	4.07	14.85	0.19	1.1	0.054	2.18	27.0	147.5	2.49	911	3.97	0.22	4.3
W591198		20.1	46.2	3.49	15.85	0.21	2.2	0.048	2.67	30.2	146.0	2.08	673	7.59	0.08	7.4
W591199		12.05	15.4	5.19	16.45	0.21	0.4	0.056	2.17	23.7	153.5	3.19	1040	1.28	1.88	3.5
W591200		22.4	24.1	2.45	16.55	0.21	1.6	0.051	3.17	25.5	76.9	1.99	528	2.38	0.29	8.5
W591251		0.17	1.5	0.46	0.21	0.27	<0.1	<0.005	0.02	0.5	1.5	12.95	198	0.09	0.01	0.2
W591252		10.55	12.8	2.88	17.20	0.24	0.9	0.049	3.07	31.3	45.3	1.87	673	1.03	0.28	2.9
W591253		11.70	19.4	2.87	13.60	0.20	1.2	0.045	2.13	25.1	59.7	1.44	583	1.45	0.62	2.5
W591254		10.05	79.1	4.59	14.00	0.20	0.3	0.047	1.90	13.1	60.2	3.00	1180	0.39	1.31	3.9
W591255		7.48	40.0	4.51	15.20	0.17	0.7	0.046	2.19	15.4	38.4	2.73	962	1.28	1.14	2.2
W591256		9.83	9.8	1.89	15.50	0.23	1.8	0.032	2.67	38.8	32.1	0.97	414	1.10	1.26	7.4
W591257		1.85	6560	9.49	11.55	0.22	0.8	2.53	1.01	15.4	8.5	2.21	893	55.1	0.83	2.8
W591258		16.10	47.9	3.70	16.80	0.20	0.6	0.052	2.50	31.7	53.9	2.05	1200	0.77	1.38	5.1
W591259		16.50	77.8	4.42	17.25	0.17	0.4	0.053	2.35	38.0	100.0	3.16	1300	1.63	1.19	4.7
W591260		33.1	51.3	3.26	16.50	0.21	1.0	0.055	2.75	27.9	111.0	1.67	734	2.00	0.32	8.6
W591261		16.30	25.2	3.21	18.45	0.23	0.5	0.042	2.72	37.3	184.5	0.91	391	7.45	0.11	9.5
W591262		8.05	20.6	3.02	16.20	0.23	1.0	0.040	2.66	33.4	71.9	0.89	435	1.09	0.44	10.8
W591263		7.63	23.9	2.95	15.50	0.23	0.9	0.043	2.55	32.7	69.6	0.87	433	1.15	0.43	10.3
W591264		7.49	15.3	2.74	15.00	0.19	0.9	0.036	2.41	32.9	107.5	0.81	393	0.81	0.28	10.5
W591265		20.6	28.9	3.20	18.05	0.24	0.8	0.054	2.77	38.8	181.5	1.06	518	0.54	0.25	10.8
W591266		14.20	26.3	3.15	17.55	0.23	1.0	0.047	2.91	38.1	104.5	0.95	434	0.88	0.06	12.1



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**CERTIFICATE OF ANALYSIS WH17197080**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
W591181		43.7	580	67.9	68.6	0.041	0.59	3.56	10.0	8	2.2	107.5	0.50	<0.05	9.39	0.212
W591182		28.9	750	149.0	55.0	0.017	0.81	5.98	16.1	6	2.0	137.5	0.39	0.07	9.25	0.242
W591183		13.9	800	205	44.6	0.008	0.96	4.58	14.5	1	1.6	135.5	0.42	<0.05	8.31	0.243
W591184		7.7	1280	58.4	18.7	0.004	0.47	2.56	18.5	<1	1.4	338	0.16	<0.05	4.04	0.216
W591185		25.4	430	>10000	217	0.019	>10.0	230	7.4	38	20.8	131.0	0.43	0.06	4.58	0.238
W591186		23.7	920	49.8	13.6	<0.002	0.20	2.88	20.2	1	1.0	209	0.14	<0.05	3.70	0.191
W591187		12.3	170	6720	135.0	0.030	1.99	54.7	8.6	8	3.9	105.0	0.88	0.18	24.0	0.102
W591188		6.8	230	>10000	109.5	0.013	1.84	92.2	8.1	16	3.2	98.8	0.67	0.32	18.65	0.081
W591189		11.0	1000	126.0	36.7	0.002	0.97	3.02	19.6	1	1.5	123.0	0.22	<0.05	4.83	0.243
W591190		1.5	200	7.5	1.1	<0.002	<0.01	0.21	0.1	<1	<0.2	44.7	<0.05	<0.05	0.09	<0.005
W591191		5.2	60	939	72.8	0.019	1.24	9.87	4.1	2	1.9	116.0	0.45	0.05	10.70	0.046
W591192		13.5	150	3120	83.1	0.031	1.77	67.2	4.3	4	2.4	153.5	0.53	0.16	15.20	0.067
W591193		18.0	200	236	86.9	0.033	0.98	2.44	9.6	2	2.6	170.0	0.61	<0.05	16.05	0.084
W591194		8.7	690	94.4	46.7	0.005	0.48	2.58	15.4	1	2.0	124.5	0.38	<0.05	11.05	0.118
W591195		15.1	1350	30.5	40.6	0.002	0.61	1.20	20.3	1	1.4	103.5	0.17	<0.05	4.81	0.323
W591196		15.7	1320	27.8	44.7	0.002	0.45	1.09	19.4	1	1.5	105.0	0.17	<0.05	5.01	0.308
W591197		49.7	730	22.5	83.5	0.009	0.65	2.01	14.4	2	1.5	152.5	0.26	0.08	8.46	0.231
W591198		41.5	720	29.3	138.0	0.028	1.02	5.42	12.8	2	1.9	234	0.49	0.10	11.05	0.234
W591199		29.9	1010	16.2	79.7	0.005	0.54	1.18	22.1	1	1.1	157.5	0.20	0.05	4.92	0.316
W591200		19.5	450	21.7	140.5	0.008	0.63	2.14	9.8	1	2.8	145.5	0.90	<0.05	14.20	0.131
W591251		1.6	200	1.4	1.0	<0.002	<0.01	0.10	0.2	<1	<0.2	47.6	<0.05	<0.05	0.25	<0.005
W591252		5.5	430	26.0	133.0	0.002	1.41	1.20	11.4	<1	2.0	87.8	0.21	0.07	11.00	0.135
W591253		5.4	300	47.3	102.0	<0.002	1.80	0.73	8.7	1	1.9	84.8	0.18	0.07	9.62	0.100
W591254		25.3	290	20.1	95.4	<0.002	0.16	0.54	21.3	<1	1.4	70.7	0.37	0.05	7.36	0.158
W591255		13.9	330	21.2	77.4	0.002	0.57	0.45	19.7	<1	1.5	71.7	0.18	0.05	7.07	0.150
W591256		3.7	220	19.9	127.5	0.002	0.40	0.45	6.0	<1	2.3	80.5	0.55	<0.05	16.45	0.114
W591257		367	700	8850	43.9	0.018	6.41	31.9	12.1	12	6.9	150.5	0.22	0.79	3.51	0.206
W591258		17.5	540	39.3	111.5	0.002	0.70	0.56	13.7	<1	2.8	138.5	0.34	0.09	15.05	0.245
W591259		35.1	690	53.8	130.5	0.006	0.55	0.83	13.7	<1	2.7	148.0	0.31	0.08	14.95	0.239
W591260		13.6	360	18.3	157.5	0.006	0.51	4.65	12.3	<1	6.7	227	0.64	0.11	11.70	0.221
W591261		26.1	350	18.0	154.0	<0.002	0.28	3.40	9.9	<1	2.5	107.0	0.77	0.05	13.50	0.253
W591262		23.2	400	17.3	139.0	<0.002	0.25	1.42	8.4	<1	2.1	96.0	0.80	<0.05	13.40	0.274
W591263		22.4	390	16.6	132.0	<0.002	0.26	1.40	7.9	<1	2.4	93.3	0.75	<0.05	13.10	0.266
W591264		20.8	380	15.6	123.0	<0.002	0.16	1.27	7.5	1	1.9	87.7	0.75	<0.05	13.25	0.254
W591265		26.8	510	23.0	147.0	0.004	0.31	3.28	10.1	<1	2.4	159.0	0.82	<0.05	15.20	0.296
W591266		25.8	400	25.8	167.5	0.002	0.35	3.49	9.0	<1	2.6	141.5	0.84	0.06	14.90	0.280



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197080**

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21	
	Analyte	Tl	U	V	W	Y	Zn	Zr	
Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	
LOR		0.02	0.1	1	0.1	0.1	2	0.5	
W591181		1.78	7.6	142	2.0	13.7	793	45.1	0.001
W591182		2.02	6.2	167	2.6	18.8	1700	43.8	0.005
W591183		2.06	6.6	147	10.3	18.2	1180	24.3	0.427
W591184		2.30	2.4	219	1.6	16.3	365	8.9	0.013
W591185		4.53	4.1	76	5.9	8.8	>10000	38.7	0.470
W591186		2.03	2.0	205	1.4	11.1	292	4.7	0.009
W591187		6.39	9.8	54	3.4	17.2	7220	101.0	0.496
W591188		4.91	6.6	49	9.8	13.8	>10000	82.6	1.010
W591189		4.04	3.7	202	5.4	15.8	1310	18.5	0.017
W591190		<0.02	0.9	2	0.1	0.8	23	<0.5	<0.001
W591191		2.87	6.2	24	1.9	8.3	2440	49.7	0.488
W591192		3.06	8.8	36	1.8	10.3	4510	59.0	0.261
W591193		2.96	7.2	58	3.0	10.9	570	67.7	0.049
W591194		2.43	3.7	130	3.3	14.2	422	47.0	0.018
W591195		1.70	1.9	163	2.2	14.1	422	14.4	0.004
W591196		1.70	2.1	157	2.4	14.2	433	15.9	0.003
W591197		0.94	1.9	124	3.1	13.6	862	38.6	0.002
W591198		1.42	3.2	131	7.8	14.3	393	87.4	0.018
W591199		0.93	2.3	151	9.0	12.2	294	15.1	0.001
W591200		1.11	3.1	70	8.6	9.7	235	46.2	0.002
W591251		<0.02	2.2	2	0.1	0.8	18	<0.5	<0.001
W591252		0.94	1.9	48	5.0	10.0	215	32.5	<0.001
W591253		0.76	2.2	36	3.5	9.8	276	39.4	0.003
W591254		0.65	2.0	132	3.4	9.7	192	9.8	0.001
W591255		0.63	2.6	136	3.2	9.7	182	20.1	0.002
W591256		0.70	3.6	25	3.7	8.1	60	62.0	0.001
W591257		2.53	6.1	394	6.2	13.3	8110	24.6	1.620
W591258		0.73	4.7	86	4.2	12.8	173	21.7	<0.001
W591259		0.85	4.7	92	2.5	13.6	246	15.1	0.003
W591260		1.09	4.1	64	9.4	12.9	152	45.5	0.002
W591261		0.87	2.7	59	7.1	8.8	84	19.5	<0.001
W591262		0.83	1.9	50	6.0	10.1	64	31.2	<0.001
W591263		0.77	1.8	49	5.7	9.7	65	27.7	<0.001
W591264		0.72	1.8	45	6.2	9.1	54	31.1	<0.001
W591265		0.86	5.8	57	10.3	10.8	109	29.8	<0.001
W591266		0.98	4.5	52	10.1	9.8	89	33.5	0.002



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197080**

CERTIFICATE COMMENTS													
	<b>ANALYTICAL COMMENTS</b>												
Applies to Method:	REE's may not be totally soluble in this method. ME- MS61												
	<b>LABORATORY ADDRESSES</b>												
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. <table border="0" style="width: 100%;"> <tr> <td>CRU- 31</td> <td>CRU- QC</td> <td>LOG- 21</td> <td>LOG- 21d</td> </tr> <tr> <td>LOG- 23</td> <td>PUL- 31</td> <td>PUL- 31d</td> <td>PUL- QC</td> </tr> <tr> <td>SPL- 21</td> <td>SPL- 21d</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	LOG- 21d	LOG- 23	PUL- 31	PUL- 31d	PUL- QC	SPL- 21	SPL- 21d	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	LOG- 21d										
LOG- 23	PUL- 31	PUL- 31d	PUL- QC										
SPL- 21	SPL- 21d	WEI- 21											
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. <table border="0" style="width: 100%;"> <tr> <td>Ag- OG62</td> <td>Au- ICP21</td> <td>ME- MS61</td> <td>ME- OG62</td> </tr> <tr> <td>Pb- OG62</td> <td>Zn- OG62</td> <td></td> <td></td> </tr> </table>	Ag- OG62	Au- ICP21	ME- MS61	ME- OG62	Pb- OG62	Zn- OG62						
Ag- OG62	Au- ICP21	ME- MS61	ME- OG62										
Pb- OG62	Zn- OG62												





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**CERTIFICATE WH17197086**

Project: Trident (Squid East)

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17197086**

Sample Description	Method	WEI- 21	Ag- OG62	Pb- OG62	Zn- OG62	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Pb	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units		kg	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR																
W591145		6.24				0.05	7.64	10.9	1570	1.64	0.03	1.70	0.13	49.2	31.0	23
W591146		5.85				0.04	7.43	9.7	1550	1.55	0.03	1.51	0.20	52.9	26.2	15
W591147		6.40				0.34	6.54	5.8	1180	1.05	0.05	3.02	0.26	32.0	22.5	5
W591148		4.85				2.15	8.17	7.0	5050	1.67	0.08	1.74	13.60	65.3	64.0	49
W591149		4.76				0.57	6.88	3.6	6310	1.97	0.05	0.22	0.76	13.35	26.1	38
W591150		0.12	715	1.855	2.67	>100	4.53	8790	150	1.03	0.22	2.02	277	32.2	15.8	43
W591151		8.25				0.86	7.73	5.4	3340	1.98	0.14	0.31	0.55	12.80	27.9	7
W591152		5.90				0.69	8.96	3.3	8420	2.82	0.05	0.43	0.39	27.5	21.1	85
W591153		4.80				7.97	10.95	26.9	>10000	2.65	0.10	0.11	0.45	24.3	7.2	228
W591154		2.30				1.35	9.52	19.2	>10000	2.21	0.02	0.14	0.50	22.5	7.5	199
W591155		4.44				7.87	9.23	13.6	9350	1.66	0.10	0.38	0.50	56.6	12.0	188
W591156		<0.02				7.05	9.06	12.9	9110	1.58	0.10	0.38	0.46	54.0	11.6	183
W591157		3.07				2.49	12.30	7.6	>10000	1.92	0.03	0.09	0.17	22.1	0.5	249
W591158		4.09				1.98	9.60	25.8	3810	1.38	0.07	0.16	0.24	37.5	1.1	205
W591159		3.42				1.21	11.90	13.3	7210	2.34	0.04	0.09	0.22	28.4	0.6	217
W591160		4.52				1.60	9.97	10.9	4170	1.44	0.05	1.90	0.93	58.0	19.5	226
W591161		3.99				0.03	0.08	0.6	70	0.06	0.03	22.0	0.07	1.41	0.7	2
W591162		5.11				0.87	7.04	6.9	1780	0.81	0.03	6.22	12.05	44.8	52.9	137
W591163		4.30				0.07	6.68	5.7	2680	0.89	0.03	5.99	13.55	36.4	43.9	132
W591164		4.32				5.55	8.03	2.9	6030	1.40	0.05	1.46	6.63	67.8	26.9	80
W591165		3.97				0.12	6.91	4.3	2800	0.98	0.02	5.30	31.0	53.8	81.6	142
W591166		4.62				0.16	8.79	1.7	>10000	1.79	<0.01	0.14	0.28	66.1	6.1	10
W591167		3.95				0.01	0.07	<0.2	40	0.07	0.03	20.7	0.20	1.38	1.0	1
W591168		3.05				0.58	9.05	3.9	5690	1.27	0.03	1.16	2.59	58.0	28.2	78
W591169		5.21				0.10	8.50	4.7	3920	1.14	0.03	3.24	9.90	70.1	51.7	144
W591170		3.27				0.61	8.68	4.8	4830	0.99	0.05	1.38	7.72	33.4	43.4	174
W591171		0.13				33.0	7.66	145.0	160	0.65	9.99	6.29	33.6	30.7	97.7	126
W591172		5.12				0.33	8.09	3.3	4920	1.06	0.06	0.77	5.88	27.9	49.9	181
W591173		3.49				0.31	6.35	3.7	2090	0.57	0.03	3.72	6.80	54.5	51.3	147
W591174		9.44				0.33	6.49	3.8	1200	0.46	0.07	3.36	7.07	51.4	45.7	141
W591175		3.96				0.36	6.54	3.6	1180	0.46	0.05	3.25	6.79	50.8	44.9	145
W591176		8.73				0.26	7.07	3.1	780	0.56	0.04	2.37	5.05	46.1	38.7	147
W591177		8.09				0.24	7.01	1.8	1110	0.59	0.02	2.20	2.58	34.3	24.5	127
W591178		4.71				1.67	6.92	124.0	3380	1.52	0.31	2.51	13.35	68.0	16.8	56
W591179		6.21				0.52	7.90	283	2410	1.45	0.19	1.54	3.31	67.4	21.9	37
W591180		5.05				1.07	6.66	199.5	2100	1.08	0.17	2.05	4.04	45.3	15.6	40



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**CERTIFICATE OF ANALYSIS WH17197086**

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
LOR		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
W591145		1.93	1.1	6.58	19.30	0.14	0.2	0.067	2.06	20.9	51.5	6.08	632	0.47	0.31	1.0
W591146		1.90	0.3	5.80	20.2	0.13	0.1	0.069	2.17	23.2	45.3	4.98	461	0.39	1.02	0.9
W591147		1.14	56.9	5.62	17.05	0.10	0.1	0.062	1.54	13.2	38.6	4.07	751	1.19	0.67	0.7
W591148		2.18	319	5.73	20.6	0.14	0.5	0.072	2.48	28.8	36.8	3.53	1620	3.26	0.47	0.7
W591149		0.78	69.9	5.76	19.45	0.08	0.5	0.063	1.77	4.7	39.8	4.11	408	1.98	0.45	0.8
W591150		7.32	957	12.10	13.20	0.17	1.1	0.647	2.66	14.4	27.8	0.33	2110	10.15	0.03	5.9
W591151		0.92	98.0	6.33	20.2	0.07	0.3	0.071	1.65	4.6	43.8	4.12	368	1.71	1.06	0.7
W591152		1.70	74.6	5.92	18.75	0.08	0.4	0.059	2.63	14.5	37.2	3.53	314	1.05	0.33	1.2
W591153		2.72	101.5	4.83	22.6	0.13	1.5	0.066	4.70	12.7	23.3	1.16	125	6.72	0.60	0.8
W591154		2.18	162.0	8.19	19.50	0.13	0.3	0.063	3.31	12.5	36.7	2.69	899	3.22	0.33	0.5
W591155		1.80	202	8.23	18.60	0.10	0.3	0.070	2.78	25.6	41.7	3.00	1200	1.94	0.39	0.8
W591156		1.76	196.5	8.06	18.15	0.10	0.2	0.063	2.72	24.3	40.6	2.97	1170	1.95	0.38	0.7
W591157		2.21	17.9	2.95	27.5	0.09	2.4	0.059	5.42	12.0	16.6	0.55	83	1.89	1.29	1.5
W591158		1.97	70.4	6.50	20.3	0.10	1.5	0.058	3.41	16.9	28.8	1.80	433	0.82	1.11	0.9
W591159		2.78	36.7	4.76	23.0	0.10	0.9	0.059	5.43	17.3	13.6	0.55	65	0.56	0.77	0.8
W591160		2.50	109.0	7.07	19.45	0.12	0.3	0.062	3.07	27.4	30.7	2.35	436	0.77	0.46	1.0
W591161		0.10	1.8	0.53	0.23	0.07	<0.1	<0.005	0.03	0.7	1.2	13.50	222	0.09	0.01	0.1
W591162		0.68	89.6	6.87	13.60	0.10	0.1	0.045	0.94	20.0	31.5	4.92	1360	0.14	0.54	0.7
W591163		0.71	214	6.20	13.90	0.10	0.1	0.044	1.16	16.7	28.1	4.57	1130	0.19	0.50	0.7
W591164		1.42	225	4.55	15.10	0.13	0.9	0.037	2.02	34.4	32.0	3.15	551	0.20	0.41	2.3
W591165		0.88	368	6.67	13.85	0.11	0.2	0.044	1.20	26.9	36.4	4.55	1670	0.12	0.47	0.6
W591166		2.39	68.6	2.43	16.30	0.12	1.6	0.025	3.49	29.7	21.7	1.85	147	0.22	0.40	5.4
W591167		0.09	3.2	0.52	0.22	0.10	<0.1	<0.005	0.02	0.7	1.2	12.75	211	0.26	<0.01	0.1
W591168		1.69	328	5.66	16.00	0.15	0.5	0.044	2.19	25.6	33.0	3.52	387	0.24	0.34	1.7
W591169		1.24	636	6.94	15.00	0.14	0.2	0.047	1.58	32.4	33.5	5.12	1200	0.18	0.19	0.7
W591170		0.76	589	7.59	16.85	0.11	0.2	0.060	1.41	13.7	43.5	5.41	921	0.58	0.14	0.8
W591171		1.69	7280	10.35	11.65	0.10	0.8	2.57	1.11	16.8	9.0	2.37	960	59.1	0.89	2.7
W591172		0.80	300	6.91	18.10	0.09	0.2	0.051	1.45	10.8	40.1	5.46	1100	0.63	0.28	1.1
W591173		0.50	219	6.49	13.55	0.12	0.1	0.044	0.66	26.2	37.7	6.38	1440	0.29	0.51	0.7
W591174		0.53	81.8	6.10	14.05	0.17	0.1	0.040	0.44	26.3	34.3	6.16	1170	0.21	0.75	0.5
W591175		0.47	83.9	6.26	13.90	0.16	0.1	0.042	0.44	25.8	34.1	6.26	1170	0.23	0.73	0.5
W591176		0.59	97.0	5.61	14.60	0.16	0.1	0.040	0.42	21.3	34.7	6.14	882	0.22	1.29	0.5
W591177		0.64	38.1	5.13	14.05	0.13	0.1	0.039	0.74	15.7	28.1	5.91	945	0.17	1.46	0.5
W591178		2.78	105.5	3.98	15.70	0.18	1.0	0.048	2.10	32.3	48.0	2.30	716	6.49	0.46	4.9
W591179		1.84	161.5	5.29	17.90	0.19	0.7	0.058	1.67	29.8	30.3	3.37	829	5.95	1.51	3.9
W591180		0.86	57.7	3.89	14.85	0.16	0.9	0.047	1.28	20.9	18.3	2.53	735	8.90	1.69	4.1



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197086**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
W591145		9.2	1580	8.7	27.5	<0.002	0.02	1.49	20.0	<1	1.0	51.8	0.05	<0.05	3.00	0.245
W591146		6.0	1400	8.9	24.4	<0.002	<0.01	1.69	16.0	<1	1.1	44.7	0.06	<0.05	3.05	0.203
W591147		2.8	1390	16.4	9.9	<0.002	0.03	1.59	20.3	1	0.8	76.5	<0.05	<0.05	2.08	0.119
W591148		23.0	1000	52.7	26.8	0.002	0.19	1.58	32.4	2	1.0	75.4	<0.05	0.06	5.25	0.120
W591149		16.4	1070	33.9	8.6	<0.002	0.04	1.08	23.0	1	1.0	56.1	<0.05	<0.05	1.89	0.135
W591150		24.9	400	>10000	223	0.022	>10.0	233	7.4	39	19.4	133.5	0.42	0.05	4.54	0.233
W591151		11.4	1460	36.9	10.3	<0.002	0.13	1.33	23.1	1	1.0	75.9	<0.05	<0.05	2.45	0.129
W591152		12.3	940	60.8	50.0	<0.002	0.42	1.31	28.1	2	1.0	120.5	0.06	<0.05	5.68	0.180
W591153		10.9	520	239	137.5	<0.002	0.55	5.43	63.1	22	1.1	57.8	0.05	0.14	6.34	0.203
W591154		27.6	970	122.5	75.7	<0.002	0.45	3.90	52.3	23	0.9	136.0	<0.05	<0.05	8.87	0.142
W591155		33.5	870	574	51.8	<0.002	0.70	6.52	49.0	4	1.0	137.0	0.05	0.17	9.78	0.146
W591156		32.9	840	536	51.3	<0.002	0.68	6.18	39.0	3	0.9	135.0	<0.05	0.13	9.50	0.140
W591157		8.6	200	124.5	139.5	<0.002	0.73	5.33	69.1	4	1.1	263	0.10	0.07	5.63	0.243
W591158		13.6	500	72.0	93.1	0.002	1.61	3.64	52.4	3	1.3	125.0	0.07	0.09	11.35	0.133
W591159		7.5	220	73.6	162.5	0.002	1.15	2.54	53.8	6	1.1	177.0	0.05	0.11	7.23	0.197
W591160		33.2	430	105.0	76.9	0.007	1.93	3.15	57.4	4	0.9	230	0.07	0.09	9.69	0.162
W591161		1.6	200	2.5	1.0	<0.002	<0.01	0.08	0.3	<1	<0.2	50.0	<0.05	<0.05	0.12	<0.005
W591162		46.0	550	55.3	15.4	<0.002	0.67	4.82	38.7	<1	0.6	217	<0.05	<0.05	5.65	0.088
W591163		42.5	450	68.9	16.4	<0.002	0.19	4.23	35.0	<1	0.7	220	<0.05	<0.05	5.68	0.095
W591164		54.0	360	58.9	43.9	<0.002	0.17	2.93	22.4	<1	1.4	182.0	0.18	<0.05	19.15	0.100
W591165		63.1	420	58.0	17.7	<0.002	1.11	3.86	39.2	1	0.6	142.5	<0.05	<0.05	7.33	0.093
W591166		34.6	440	38.3	97.7	0.003	0.10	1.48	6.4	<1	2.2	129.0	0.46	<0.05	26.6	0.121
W591167		1.9	180	1.6	0.8	<0.002	0.01	0.06	0.3	<1	<0.2	46.4	<0.05	<0.05	0.15	<0.005
W591168		79.3	610	52.1	43.7	<0.002	0.16	2.76	27.2	<1	1.2	153.5	0.13	<0.05	18.75	0.116
W591169		50.6	650	56.1	40.8	<0.002	0.04	3.19	40.6	<1	0.7	143.5	<0.05	<0.05	11.00	0.102
W591170		72.6	600	41.8	16.6	0.002	0.16	3.12	40.4	2	0.8	119.0	0.05	<0.05	10.20	0.105
W591171		405	740	9420	36.9	0.017	6.79	33.1	13.8	13	6.5	162.5	0.21	0.71	3.56	0.218
W591172		50.2	560	40.4	22.8	<0.002	0.10	3.12	29.0	1	0.9	90.1	0.06	<0.05	5.30	0.119
W591173		47.6	550	31.9	15.3	<0.002	0.01	2.23	24.0	1	0.6	118.0	0.05	<0.05	6.51	0.088
W591174		46.2	540	25.6	14.5	<0.002	0.01	2.18	31.4	<1	0.6	94.7	<0.05	0.06	6.96	0.061
W591175		46.3	540	24.9	14.3	<0.002	0.01	2.10	30.9	<1	0.6	90.5	<0.05	<0.05	7.09	0.060
W591176		38.8	570	19.9	10.1	<0.002	0.01	1.87	36.6	<1	0.5	81.7	<0.05	<0.05	5.86	0.060
W591177		26.8	470	11.6	12.2	<0.002	0.01	1.10	31.2	<1	0.5	78.2	<0.05	<0.05	4.14	0.062
W591178		33.8	670	160.0	77.8	0.007	0.37	13.70	13.8	4	1.6	148.0	0.34	0.09	9.60	0.180
W591179		25.3	970	54.9	52.8	0.032	0.53	6.11	16.3	4	1.3	110.5	0.26	0.08	6.85	0.248
W591180		29.5	930	72.6	35.2	0.041	0.47	1.48	11.8	6	1.2	120.0	0.30	0.09	6.71	0.184



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**CERTIFICATE OF ANALYSIS WH17197086**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21	
		Tl	U	V	W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5	0.001
W591145		0.35	0.8	259	3.4	16.2	179	4.1	0.010
W591146		0.39	0.8	225	1.5	18.0	106	3.4	0.003
W591147		0.64	0.8	224	1.2	10.7	84	3.6	0.004
W591148		1.82	1.2	284	1.2	24.2	1100	19.9	0.035
W591149		2.18	0.8	248	1.9	6.2	933	20.2	0.006
W591150		4.22	4.3	76	5.3	8.9	>10000	41.0	0.472
W591151		2.86	1.4	284	2.6	7.0	461	10.1	0.012
W591152		6.20	2.0	226	3.6	6.1	353	16.2	0.007
W591153		14.75	2.4	309	4.6	7.4	244	56.6	0.134
W591154		10.35	3.9	239	3.0	8.6	698	11.7	0.025
W591155		8.23	3.9	239	3.9	9.0	815	11.6	0.130
W591156		7.98	3.8	234	3.7	8.9	799	11.4	0.104
W591157		14.25	2.0	426	5.6	3.8	88	95.0	0.074
W591158		9.46	1.3	252	2.7	5.0	367	56.8	0.064
W591159		14.75	1.1	425	3.9	2.7	51	36.3	0.047
W591160		8.65	4.5	362	2.5	10.5	391	13.0	0.054
W591161		0.03	1.1	4	0.1	0.8	17	<0.5	<0.001
W591162		2.92	1.8	170	1.3	20.2	1520	3.4	0.024
W591163		3.76	1.6	154	1.5	20.0	1440	5.1	<0.001
W591164		6.18	7.3	98	2.5	19.3	1060	28.7	0.209
W591165		3.91	2.9	153	4.0	32.1	4020	7.2	<0.001
W591166		10.15	4.1	65	2.7	4.8	412	53.2	<0.001
W591167		0.03	0.6	3	0.1	0.8	35	<0.5	<0.001
W591168		6.64	9.4	154	2.4	18.4	914	17.3	0.005
W591169		4.81	6.3	178	1.9	27.2	1560	8.3	<0.001
W591170		4.30	18.2	198	1.9	17.2	1280	9.6	0.006
W591171		2.24	8.7	426	5.8	13.9	8640	29.2	1.350
W591172		4.22	5.9	215	1.9	13.3	1240	7.5	0.008
W591173		1.95	2.1	203	1.1	17.3	807	5.1	0.021
W591174		1.42	1.7	179	0.8	17.0	829	5.3	0.023
W591175		1.42	2.0	182	0.8	17.6	879	5.4	0.028
W591176		1.07	4.6	184	0.8	16.2	734	5.8	0.031
W591177		1.33	0.5	173	1.2	8.1	320	3.6	0.003
W591178		1.80	3.6	135	4.5	13.6	1020	39.7	0.009
W591179		1.26	4.9	181	2.5	16.3	606	27.0	<0.001
W591180		1.07	4.1	181	1.1	13.3	388	31.2	0.001



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<b>CERTIFICATE OF ANALYSIS WH17197086</b>
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	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REE's may not be totally soluble in this method.            ME- MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 21</td> <td style="width: 33%;">LOG- 21d</td> </tr> <tr> <td>LOG- 23</td> <td>PUL- 31</td> <td>PUL- 31d</td> <td>PUL- QC</td> </tr> <tr> <td>SPL- 21</td> <td>SPL- 21d</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	LOG- 21d	LOG- 23	PUL- 31	PUL- 31d	PUL- QC	SPL- 21	SPL- 21d	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	LOG- 21d										
LOG- 23	PUL- 31	PUL- 31d	PUL- QC										
SPL- 21	SPL- 21d	WEI- 21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag- OG62</td> <td style="width: 33%;">Au- ICP21</td> <td style="width: 33%;">ME- MS61</td> <td style="width: 33%;">ME- OG62</td> </tr> <tr> <td>Pb- OG62</td> <td>Zn- OG62</td> <td></td> <td></td> </tr> </table>	Ag- OG62	Au- ICP21	ME- MS61	ME- OG62	Pb- OG62	Zn- OG62						
Ag- OG62	Au- ICP21	ME- MS61	ME- OG62										
Pb- OG62	Zn- OG62												



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**CERTIFICATE WH17197087**

Project: Trident (Squid East)

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17197087**

Sample Description	Method Analyte Units LOR	WEI- 21	Ag- OG62	Pb- OG62	Zn- OG62	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Pb %	Zn %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
W591109		5.29				1.49	7.81	7.9	6910	1.39	0.07	1.25	5.25	48.6	45.2	34
W591110		5.55				1.32	8.05	7.2	5780	1.22	0.05	1.46	5.85	44.5	42.6	31
W591111		6.02				1.08	7.93	10.3	6540	1.25	0.06	0.22	0.57	43.6	4.8	39
W591112		4.28				2.77	10.20	8.8	7940	1.59	0.06	0.14	0.37	45.5	2.7	211
W591113		3.87				0.03	0.17	0.2	120	0.08	0.03	21.0	0.08	2.72	0.7	1
W591114		4.41				1.27	9.10	6.6	5570	1.23	0.07	0.46	0.65	47.3	24.7	136
W591115		6.62				0.83	9.18	2.9	3830	0.94	0.06	0.65	7.17	43.6	44.4	203
W591116		4.44				0.74	9.50	3.8	5120	1.18	0.14	0.63	1.06	43.8	14.5	65
W591117		4.41				0.97	9.05	5.4	5100	1.22	0.13	0.65	1.13	49.6	15.1	12
W591118		9.60				1.19	9.39	3.6	8240	1.92	0.10	0.33	2.28	39.2	31.5	185
W591119		8.50				0.67	8.07	2.9	2880	0.84	0.07	0.93	0.63	29.3	21.0	11
W591120		8.98				0.50	8.45	4.0	2250	0.91	0.09	1.85	1.09	38.8	24.9	2
W591121		0.16	726	1.900	2.72	>100	4.59	8860	90	1.08	0.22	2.03	282	32.7	15.1	43
W591122		7.57				0.74	8.90	11.5	2870	1.15	0.11	1.21	1.50	37.9	24.3	1
W591123		3.91				0.71	7.79	5.5	4340	1.38	0.61	1.58	5.68	49.0	20.2	139
W591124		4.39				9.57	3.28	10.5	210	0.69	2.65	0.09	20.2	54.5	2.8	30
W591125		6.43				3.36	7.12	135.5	2010	1.77	2.48	2.53	11.15	84.8	12.3	25
W591126		2.10				1.13	5.18	86.7	3070	1.58	0.17	4.51	13.30	63.8	9.9	80
W591127		4.73				3.14	6.42	98.0	2600	1.37	0.19	2.94	18.60	72.9	15.7	58
W591128		3.34				0.03	0.08	0.3	40	0.09	0.02	20.6	0.19	1.44	0.7	1
W591129		5.38				0.44	7.74	6.2	1960	1.08	0.04	2.08	4.32	34.1	26.8	2
W591130		8.44				0.36	7.61	8.0	1910	1.45	0.06	1.89	5.00	47.0	28.8	3
W591131		7.20				0.80	8.36	1.8	1710	0.97	0.04	1.80	3.31	48.7	26.4	24
W591132		<0.02				0.83	8.00	2.0	1690	1.16	0.04	1.80	3.22	44.8	26.5	32
W591133		4.06				15.35	7.68	2.1	2390	1.10	0.07	2.23	6.72	51.8	24.3	3
W591134		4.79				0.65	8.22	2.0	3470	1.75	0.12	2.74	3.68	55.5	23.6	12
W591135		6.79				0.59	7.40	15.9	2050	1.40	0.08	1.47	0.19	51.2	25.2	23
W591136		4.44				0.19	7.73	23.6	2360	1.24	0.07	1.86	0.15	54.2	25.2	9
W591137		6.93				0.12	7.47	21.1	3210	1.25	0.08	4.04	0.33	60.7	23.8	8
W591138		0.13				31.9	6.61	147.0	130	0.67	10.90	6.17	38.1	26.2	101.5	135
W591139		7.47				0.04	7.70	21.3	3410	1.41	0.07	4.10	0.30	53.7	25.7	7
W591140		9.15				0.03	7.47	21.6	2640	1.53	0.07	2.95	0.26	50.7	27.0	10
W591141		10.17				0.02	7.50	20.4	2710	1.44	0.07	4.36	0.33	51.5	25.4	6
W591142		5.17				0.02	7.03	20.7	2470	1.33	0.06	4.32	0.30	47.7	23.4	9
W591143		9.25				0.04	7.50	20.8	2580	1.48	0.06	3.50	0.28	57.7	26.9	6
W591144		10.97				0.03	7.71	18.9	2600	1.65	0.08	5.66	0.46	50.2	23.7	5





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**CERTIFICATE OF ANALYSIS WH17197087**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
W591109		1.38	141.0	6.18	18.80	0.23	0.2	0.064	1.74	18.4	37.3	4.09	1250	0.29	0.36	0.9
W591110		1.04	114.5	6.48	20.6	0.21	0.2	0.071	1.72	16.3	44.0	4.76	1240	0.12	0.76	0.9
W591111		1.26	85.8	6.16	18.85	0.19	1.0	0.054	2.13	16.7	33.1	3.11	410	6.99	0.95	1.0
W591112		2.20	116.5	5.73	23.0	0.19	0.8	0.068	4.00	15.6	34.2	2.48	341	0.26	0.65	0.7
W591113		0.13	3.5	0.56	0.42	0.18	<0.1	<0.005	0.05	1.2	1.7	13.05	210	0.20	0.01	0.2
W591114		1.40	111.5	5.67	19.00	0.20	0.5	0.050	2.19	20.0	42.0	3.82	494	0.30	1.01	0.8
W591115		1.00	105.0	6.10	17.65	0.22	0.3	0.058	1.55	16.3	41.0	5.27	1210	0.28	1.10	0.6
W591116		1.59	101.0	6.22	20.1	0.21	0.3	0.067	2.03	18.0	39.3	4.37	654	0.43	0.97	0.8
W591117		1.38	144.5	7.06	22.8	0.21	0.3	0.075	2.24	15.1	47.0	4.68	857	0.70	0.49	0.9
W591118		2.18	265	5.69	20.5	0.20	0.5	0.060	2.86	17.7	40.0	3.80	732	2.33	0.43	1.3
W591119		0.76	62.5	5.82	17.65	0.17	0.1	0.056	1.41	10.1	32.3	4.67	807	0.75	0.98	0.6
W591120		0.67	60.9	6.12	20.5	0.18	0.1	0.068	1.45	13.3	32.7	4.97	1100	0.21	1.11	0.6
W591121		7.56	941	11.85	13.80	0.30	1.2	0.630	2.57	12.8	27.0	0.34	2120	9.75	0.03	5.9
W591122		0.89	72.7	6.67	21.9	0.23	0.1	0.069	1.73	13.1	39.9	5.27	922	0.21	1.04	0.7
W591123		2.38	96.0	4.33	17.20	0.21	1.3	0.051	2.77	22.9	28.6	2.93	759	0.81	0.18	2.5
W591124		1.06	436	1.26	9.22	0.19	1.3	0.042	1.34	23.9	11.6	0.32	59	7.57	0.10	3.0
W591125		6.62	146.5	2.90	17.50	0.19	2.2	0.069	2.67	41.0	77.3	1.82	447	5.89	0.28	9.5
W591126		3.50	64.6	2.86	13.55	0.18	1.1	0.046	2.11	32.9	12.6	2.40	853	8.86	0.35	6.9
W591127		2.97	80.4	3.47	15.75	0.19	1.1	0.052	2.09	35.6	41.5	2.27	661	9.29	0.76	6.0
W591128		0.14	3.0	0.45	0.25	0.18	<0.1	<0.005	0.03	0.7	1.4	13.05	193	0.30	0.01	0.1
W591129		1.08	78.5	7.03	21.3	0.15	0.2	0.084	1.20	12.6	38.7	4.33	1170	0.45	2.34	2.3
W591130		1.81	71.2	6.96	21.2	0.16	0.2	0.076	1.39	18.2	48.0	4.32	1120	1.19	1.77	2.9
W591131		2.19	46.4	6.43	17.85	0.17	0.2	0.062	1.07	21.2	41.5	5.23	1000	0.20	1.69	1.9
W591132		1.90	45.8	6.39	17.70	0.15	0.2	0.059	1.06	19.1	40.8	5.10	996	0.28	1.69	1.9
W591133		3.09	88.8	6.54	17.25	0.15	0.1	0.062	1.38	22.4	53.1	3.98	1280	0.18	1.59	2.3
W591134		6.41	64.7	6.33	20.2	0.16	0.4	0.069	2.00	26.3	117.5	4.10	1140	1.26	1.04	4.3
W591135		2.88	8.3	6.17	19.05	0.16	0.4	0.069	1.95	20.9	35.0	3.78	680	0.52	1.56	2.7
W591136		2.92	2.0	6.53	19.80	0.17	0.1	0.077	2.03	22.0	35.9	4.27	725	0.30	1.68	1.9
W591137		3.03	1.5	6.33	18.55	0.16	0.1	0.065	2.45	27.5	31.6	3.45	860	0.48	1.57	1.4
W591138		1.62	6970	10.00	12.55	0.16	0.8	2.80	1.00	13.3	9.9	2.22	952	57.0	0.87	3.1
W591139		2.59	5.1	6.75	19.95	0.16	0.1	0.072	2.64	21.2	34.2	3.86	821	0.55	1.55	1.5
W591140		2.20	1.7	6.15	20.4	0.18	0.1	0.078	2.64	19.3	32.7	3.45	616	0.98	1.53	1.5
W591141		2.39	1.2	6.13	20.0	0.16	0.1	0.073	2.66	20.2	33.2	3.63	753	0.44	1.40	1.6
W591142		2.16	1.9	5.73	18.65	0.18	0.1	0.068	2.45	18.8	30.4	3.42	766	0.47	1.40	1.6
W591143		2.36	1.2	6.55	21.5	0.19	0.1	0.080	2.50	22.6	37.9	3.85	701	0.35	1.51	1.8
W591144		2.30	0.8	5.81	20.6	0.18	0.1	0.074	2.89	19.9	29.3	3.45	857	0.53	0.80	1.7



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Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
W591109		35.0	1480	58.8	19.9	0.003	0.87	2.09	19.9	1	1.0	830	<0.05	0.06	3.66	0.118
W591110		26.9	1490	46.0	13.9	0.004	0.46	2.08	21.1	<1	1.0	133.0	0.05	0.05	3.44	0.116
W591111		6.7	640	31.6	33.4	0.003	0.83	1.86	24.2	1	1.0	150.5	0.06	<0.05	5.46	0.123
W591112		13.1	580	50.5	80.5	<0.002	1.00	1.84	53.6	1	1.2	211	<0.05	0.05	7.00	0.155
W591113		1.5	230	1.7	1.7	<0.002	0.01	0.11	0.6	<1	<0.2	51.4	<0.05	<0.05	0.25	0.005
W591114		33.8	520	55.0	30.4	0.003	0.21	2.32	31.3	1	1.1	163.5	0.07	<0.05	9.46	0.105
W591115		36.4	540	32.8	28.2	<0.002	0.13	1.83	44.9	1	0.8	110.5	<0.05	<0.05	6.38	0.095
W591116		13.2	970	59.0	37.7	0.009	0.13	1.82	28.3	1	1.0	154.5	0.05	0.05	6.05	0.117
W591117		8.5	1120	56.1	24.5	0.009	0.17	1.77	20.2	1	1.1	163.0	0.05	<0.05	4.15	0.126
W591118		38.4	510	56.6	56.0	0.008	0.31	1.49	38.7	<1	1.7	148.0	0.07	<0.05	11.25	0.149
W591119		5.1	1100	34.7	16.5	0.003	0.07	1.32	16.4	<1	0.8	135.0	<0.05	<0.05	2.39	0.101
W591120		3.3	1280	46.9	13.7	0.002	0.15	1.26	18.3	<1	0.9	189.0	<0.05	<0.05	2.29	0.102
W591121		26.1	410	>10000	221	0.017	>10.0	227	7.5	35	19.8	132.5	0.43	0.09	4.46	0.235
W591122		5.4	1280	69.0	20.1	<0.002	0.27	1.98	17.9	<1	1.0	152.5	<0.05	<0.05	2.60	0.119
W591123		23.8	440	73.0	98.5	<0.002	1.22	4.12	31.0	3	1.6	89.7	0.16	<0.05	10.10	0.129
W591124		6.1	60	1475	67.5	0.005	1.02	73.9	7.0	2	1.3	199.5	0.25	0.66	7.51	0.043
W591125		16.2	460	782	121.0	0.012	1.04	28.8	11.7	4	2.2	236	0.66	0.12	14.40	0.175
W591126		31.0	760	74.6	92.2	0.017	0.55	14.90	10.9	3	1.7	316	0.41	0.11	8.33	0.216
W591127		36.5	660	66.2	79.4	0.020	0.78	7.20	12.9	3	1.6	200	0.39	0.06	9.60	0.213
W591128		1.7	190	3.2	1.4	<0.002	<0.01	0.29	0.2	<1	<0.2	50.7	<0.05	<0.05	0.14	<0.005
W591129		3.3	1340	15.2	6.9	0.003	0.29	1.31	19.6	1	1.0	145.0	0.12	<0.05	2.25	0.335
W591130		4.7	1650	18.1	11.8	0.006	0.27	1.54	18.1	1	1.1	118.0	0.17	<0.05	3.72	0.344
W591131		15.5	1170	15.4	20.0	<0.002	0.18	1.11	21.6	1	0.9	102.5	0.12	<0.05	5.22	0.221
W591132		16.7	1200	22.7	16.6	<0.002	0.19	1.13	20.8	1	0.8	102.0	0.11	<0.05	4.74	0.220
W591133		4.7	1240	23.0	24.5	<0.002	0.32	1.40	18.0	1	1.0	193.5	0.12	<0.05	4.48	0.292
W591134		9.1	1080	41.0	47.4	0.002	0.27	2.38	21.5	1	1.4	291	0.25	<0.05	5.46	0.325
W591135		12.5	1610	11.6	20.0	<0.002	0.01	1.27	18.6	<1	1.2	116.5	0.16	<0.05	3.74	0.345
W591136		7.1	2560	11.0	18.8	<0.002	<0.01	1.55	19.2	<1	1.2	94.7	0.10	<0.05	3.56	0.353
W591137		5.9	1940	13.3	29.7	<0.002	0.02	1.27	16.7	1	1.2	136.0	0.07	<0.05	4.06	0.325
W591138		386	730	9360	20.0	0.019	6.76	34.0	12.4	15	7.4	161.0	0.24	0.90	2.89	0.215
W591139		6.5	2000	18.2	29.0	<0.002	0.03	1.21	18.4	<1	1.2	152.5	0.08	<0.05	3.11	0.343
W591140		7.1	2000	14.2	27.4	<0.002	<0.01	1.27	17.0	<1	1.2	123.0	0.07	<0.05	3.50	0.318
W591141		6.1	1980	13.9	29.9	<0.002	<0.01	1.38	17.2	1	1.2	131.5	0.08	<0.05	3.49	0.315
W591142		5.9	1930	13.1	28.7	<0.002	<0.01	1.39	15.8	1	1.2	132.5	0.07	<0.05	3.35	0.301
W591143		6.6	2240	12.7	23.7	<0.002	0.01	1.36	18.0	<1	1.3	128.0	0.08	<0.05	3.79	0.333
W591144		4.3	2160	16.5	40.1	<0.002	<0.01	1.71	18.3	<1	1.2	165.0	0.08	<0.05	3.82	0.291



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		Tl	U	V	W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5	0.001
W591109		4.53	4.3	233	2.1	18.5	1020	10.4	0.039
W591110		4.53	5.2	266	2.0	16.5	917	9.7	0.024
W591111		6.81	7.1	214	2.8	7.6	274	35.9	0.027
W591112		12.20	7.5	270	4.8	5.0	373	28.8	0.063
W591113		0.08	0.8	4	0.2	1.1	20	1.0	<0.001
W591114		7.09	13.2	194	3.0	8.4	439	20.8	0.023
W591115		4.93	3.0	225	2.2	16.9	769	10.7	0.011
W591116		6.24	14.1	243	2.5	13.7	456	13.5	0.015
W591117		7.21	16.7	248	2.6	13.6	424	11.5	0.012
W591118		7.94	15.5	206	4.4	10.9	709	14.9	0.018
W591119		3.40	4.1	206	2.2	13.2	280	3.5	0.007
W591120		2.91	1.9	223	1.7	15.9	217	3.1	0.013
W591121		4.46	4.4	74	5.5	8.7	>10000	37.5	0.474
W591122		3.08	2.3	249	2.2	15.5	573	7.0	0.004
W591123		4.19	5.4	161	4.6	20.4	726	42.7	0.004
W591124		1.77	3.0	34	2.6	5.0	2000	40.9	0.084
W591125		2.40	21.3	82	6.7	17.4	1380	86.5	0.031
W591126		1.73	4.1	116	5.6	14.8	495	58.2	0.003
W591127		1.62	6.8	132	17.3	15.8	830	37.4	0.003
W591128		<0.02	0.7	2	0.2	0.9	22	0.5	0.001
W591129		1.02	3.4	269	1.5	13.5	530	8.0	0.042
W591130		1.34	3.2	257	1.9	14.8	544	8.6	0.003
W591131		1.16	1.9	216	3.5	13.6	332	8.4	0.006
W591132		1.22	1.8	217	3.7	12.7	333	8.6	0.008
W591133		1.52	2.3	201	72.9	14.7	880	6.2	0.012
W591134		2.30	3.6	224	3.3	14.8	707	15.6	0.011
W591135		0.34	1.1	185	5.5	16.8	104	13.4	0.004
W591136		0.27	1.1	213	3.7	19.7	95	3.9	0.001
W591137		0.30	0.9	207	3.4	19.5	93	2.2	0.048
W591138		2.52	5.8	422	6.9	12.6	8670	26.4	1.695
W591139		0.35	0.7	197	2.0	14.1	107	1.6	0.005
W591140		0.34	0.7	196	3.9	16.5	105	1.8	0.072
W591141		0.33	0.7	199	2.1	15.9	106	1.9	0.023
W591142		0.33	0.6	182	1.8	14.9	97	1.8	0.015
W591143		0.37	0.9	222	2.0	16.7	98	2.2	0.008
W591144		0.46	1.1	248	4.8	16.8	134	3.7	0.012



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Page: Appendix 1  
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 Account: FECTRI

Project: Trident (Squid East)

<b>CERTIFICATE OF ANALYSIS WH17197087</b>
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	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REE's may not be totally soluble in this method.            ME- MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">CRU- 31</td> <td style="width: 25%;">CRU- QC</td> <td style="width: 25%;">LOG- 21</td> <td style="width: 25%;">LOG- 21d</td> </tr> <tr> <td>LOG- 23</td> <td>PUL- 31</td> <td>PUL- 31d</td> <td>PUL- QC</td> </tr> <tr> <td>SPL- 21</td> <td>SPL- 21d</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	LOG- 21d	LOG- 23	PUL- 31	PUL- 31d	PUL- QC	SPL- 21	SPL- 21d	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	LOG- 21d										
LOG- 23	PUL- 31	PUL- 31d	PUL- QC										
SPL- 21	SPL- 21d	WEI- 21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Ag- OG62</td> <td style="width: 25%;">Au- ICP21</td> <td style="width: 25%;">ME- MS61</td> <td style="width: 25%;">ME- OG62</td> </tr> <tr> <td>Pb- OG62</td> <td>Zn- OG62</td> <td></td> <td></td> </tr> </table>	Ag- OG62	Au- ICP21	ME- MS61	ME- OG62	Pb- OG62	Zn- OG62						
Ag- OG62	Au- ICP21	ME- MS61	ME- OG62										
Pb- OG62	Zn- OG62												



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**CERTIFICATE WH17197090**

Project: Trident (Squid East)  
 P.O. No.: BATCH 17- 010  
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.  
 The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 21- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197090**

Sample Description	Method Analyte Units LOR	WEI- 21	Ag- OG62	Pb- OG62	Zn- OG62	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Pb %	Zn %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	1	0.001	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
W591303		8.34				0.76	6.84	5.5	5490	0.96	0.03	3.08	3.54	31.3	25.7	57
W591304		3.74				23.6	7.75	5.8	920	1.47	0.98	0.85	36.7	92.2	6.2	22
W591305		3.48				39.7	7.35	18.6	230	1.19	0.82	0.50	50.1	41.7	5.8	26
W591306		5.55				10.95	5.17	9.7	270	0.87	1.07	0.16	22.2	42.9	4.5	24
W591307		3.94				0.21	0.10	5.3	170	0.05	0.03	20.9	0.28	1.50	1.4	1
W591308		4.65				41.8	3.78	14.5	310	0.60	1.05	0.30	50.9	45.1	3.2	12
W591309		6.93				2.84	5.98	8.2	480	0.92	0.48	0.24	6.20	83.9	1.5	10
W591310		5.09				5.83	4.32	15.4	390	0.78	1.04	0.09	8.37	37.5	4.4	11
W591311		6.48				0.96	7.05	5.8	310	1.47	0.12	0.63	4.74	71.9	0.8	6
W591312		0.12	697	1.820	2.61	>100	4.55	8790	170	1.03	0.21	1.99	280	33.2	15.4	43
W591313		4.50				1.71	7.27	6.2	550	1.09	0.36	0.26	3.66	110.0	1.5	7
W591314		5.24				2.49	6.21	2.9	2300	0.70	1.10	0.14	1.38	102.0	3.1	7
W591315		4.68				1.09	6.70	4.2	1820	0.83	1.08	0.09	0.56	108.0	5.8	6
W591316		6.40				5.09	5.92	4.1	1930	0.79	0.51	0.12	1.91	97.5	2.1	12
W591317		5.39				0.79	6.66	3.8	1400	1.00	0.25	0.12	1.26	102.5	1.3	10
W591318		<0.02				0.72	6.44	3.0	1190	0.96	0.24	0.12	1.25	100.0	1.2	14
W591319		3.52				52.3	7.53	51.7	340	1.15	2.06	1.34	72.0	92.0	1.4	16
W591320		4.04				0.33	5.60	3.2	1770	0.75	0.06	0.06	0.86	62.2	0.9	12
W591321		4.78				0.89	7.36	3.5	520	1.17	0.22	0.10	1.63	91.1	3.4	9
W591322		4.75				0.27	4.64	3.7	1220	0.85	0.13	0.18	0.57	61.6	0.9	18
W591323		4.09				0.10	0.12	1.0	50	0.08	0.03	19.95	0.13	2.03	1.3	1
W591324		5.72				2.75	6.44	5.5	800	0.74	1.77	0.22	11.20	90.0	2.1	12
W591325		5.40				19.60	4.21	52.8	710	0.57	4.50	0.20	58.3	71.0	1.6	15
W591326		5.60				1.47	5.80	3.2	970	0.84	0.78	0.07	10.90	71.4	0.8	10
W591327		3.93				2.35	4.52	5.4	250	0.64	0.74	0.51	9.24	64.7	2.9	14
W591328		0.12				28.0	7.27	137.5	180	0.59	9.91	5.82	34.2	29.3	90.7	126
W591329		4.56				0.66	5.54	2.1	1580	0.88	0.56	0.20	1.97	75.3	0.9	12
W591330		5.55				0.59	6.41	3.8	870	0.99	0.33	0.18	0.95	82.1	2.0	10
W591331		6.48				0.21	7.74	8.3	2060	1.28	0.15	4.53	1.95	64.9	24.1	18
W591332		4.66				0.33	6.42	0.8	1640	1.64	0.12	0.19	0.12	107.5	0.6	5
W591333		7.77				0.21	8.62	6.0	2400	1.23	0.12	3.41	1.36	55.9	21.3	16
W591334		3.74				0.24	8.11	5.7	2410	1.35	0.12	3.40	1.50	52.5	21.6	13
W591335		6.65				4.03	5.96	23.7	930	1.35	0.91	3.18	2.05	58.5	8.2	47
W591336		10.81				0.79	5.85	75.1	810	1.70	0.34	2.60	4.25	55.9	11.6	75
W591337		5.05				0.26	6.89	0.9	1910	1.55	0.06	1.75	0.36	42.1	17.7	34
W591338		7.23				3.12	5.60	5.5	630	1.18	0.24	0.71	11.40	89.4	1.7	9



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197090**

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
LOR		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
W591303		0.68	52.7	5.78	16.95	0.13	0.1	0.046	1.39	13.6	31.0	4.14	921	0.32	0.46	0.9
W591304		1.64	302	2.59	21.1	0.22	2.9	0.071	2.74	44.9	18.0	1.20	215	31.0	0.42	8.3
W591305		1.18	838	2.88	20.8	0.15	2.7	0.089	2.67	15.2	20.4	1.03	157	23.4	0.52	8.0
W591306		1.17	308	2.53	14.60	0.14	1.7	0.058	2.10	18.7	12.4	0.47	52	24.8	0.18	4.5
W591307		0.09	6.8	0.49	0.26	0.15	<0.1	<0.005	0.03	0.7	1.0	12.85	211	0.28	0.01	0.2
W591308		0.89	423	2.12	11.15	0.14	1.5	0.038	1.50	19.2	9.9	0.50	79	8.50	0.12	5.3
W591309		1.65	58.7	1.60	18.15	0.19	3.1	0.048	2.49	37.1	17.5	0.86	69	8.75	0.19	9.0
W591310		0.94	192.0	1.60	11.55	0.14	1.1	0.027	1.88	16.9	10.6	0.32	34	4.32	0.16	2.9
W591311		1.68	81.9	2.19	20.4	0.18	3.7	0.050	2.88	30.4	21.7	1.17	188	9.24	0.29	14.2
W591312		7.45	976	12.05	14.35	0.24	1.2	0.603	2.58	14.8	27.9	0.34	2160	10.55	0.03	6.3
W591313		2.45	104.5	2.17	22.8	0.19	4.0	0.060	2.57	49.5	25.9	1.83	164	16.85	0.23	12.9
W591314		1.08	95.9	1.60	19.45	0.18	3.6	0.053	1.97	48.4	25.9	2.84	250	18.75	0.26	11.2
W591315		1.14	24.6	1.94	22.3	0.20	4.5	0.051	2.24	50.1	28.9	2.90	233	29.1	0.35	14.3
W591316		1.28	76.5	1.34	18.65	0.17	3.1	0.043	2.26	46.5	18.0	1.31	116	8.66	0.30	10.1
W591317		1.13	20.1	1.39	22.5	0.21	3.7	0.051	2.50	48.4	18.7	1.44	140	9.42	0.44	12.1
W591318		1.08	19.3	1.38	21.5	0.20	3.5	0.049	2.43	46.4	17.8	1.37	133	8.91	0.42	11.2
W591319		1.02	881	4.62	29.4	0.23	5.3	0.152	2.07	34.6	41.7	5.51	1090	41.0	0.39	14.0
W591320		1.02	7.0	1.12	18.10	0.13	2.8	0.054	2.06	28.3	16.2	0.92	82	4.42	0.34	10.4
W591321		1.25	19.8	2.43	22.2	0.19	3.4	0.067	2.51	40.5	22.1	1.87	140	14.90	0.45	13.4
W591322		0.81	6.3	1.23	13.20	0.14	1.9	0.040	1.64	28.6	13.9	0.85	77	6.26	0.29	8.4
W591323		0.22	5.6	0.45	0.39	0.15	0.1	<0.005	0.05	0.9	1.4	12.45	194	1.00	0.01	0.4
W591324		1.46	64.7	1.93	18.55	0.21	3.3	0.062	2.79	41.0	14.9	0.65	74	13.55	0.28	10.4
W591325		1.62	839	1.71	13.30	0.20	2.4	0.063	1.78	31.4	11.4	0.33	42	16.95	0.15	7.7
W591326		1.44	12.9	1.77	17.80	0.19	2.6	0.061	2.54	31.5	12.4	0.34	27	7.86	0.24	12.5
W591327		1.38	202	3.12	13.85	0.16	2.4	0.059	1.90	27.5	10.2	0.60	98	32.4	0.15	8.1
W591328		1.79	6890	9.70	12.15	0.15	0.8	2.50	1.02	15.6	8.6	2.24	913	56.5	0.81	2.9
W591329		1.56	18.6	1.48	16.85	0.18	2.7	0.046	2.32	33.7	13.1	0.67	72	7.96	0.24	9.8
W591330		2.08	29.0	1.98	18.45	0.15	2.6	0.050	2.50	37.2	17.2	1.08	107	5.93	0.27	13.1
W591331		2.03	22.4	6.22	21.7	0.15	0.7	0.074	1.79	26.3	26.1	3.58	1700	0.45	0.13	3.6
W591332		1.64	5.9	1.93	19.60	0.21	3.3	0.063	2.18	52.1	23.6	2.67	218	5.92	0.39	11.4
W591333		2.23	35.3	6.27	20.9	0.13	0.4	0.069	1.95	24.7	27.9	3.95	1290	0.61	0.19	2.1
W591334		2.07	51.8	6.28	22.2	0.13	0.4	0.078	1.93	22.4	30.2	3.94	1290	0.28	0.20	2.0
W591335		1.59	63.9	2.82	15.20	0.13	2.5	0.050	2.38	30.0	15.8	2.25	568	11.70	0.37	8.7
W591336		2.31	57.2	3.08	15.20	0.16	1.5	0.053	2.21	29.9	17.0	1.90	593	17.05	0.46	6.2
W591337		1.70	33.6	4.85	18.75	0.12	0.6	0.060	1.86	19.6	26.8	3.53	547	4.62	0.64	2.4
W591338		1.52	191.5	1.41	17.25	0.15	2.8	0.065	2.31	46.5	17.9	1.52	157	11.60	0.21	8.5



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**CERTIFICATE OF ANALYSIS WH17197090**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
W591303		25.6	700	107.5	14.4	<0.002	0.20	7.45	19.5	1	0.9	203	0.05	<0.05	4.52	0.105
W591304		17.3	320	2780	121.0	0.037	1.15	31.7	10.3	8	3.1	220	0.56	0.16	20.4	0.096
W591305		17.9	430	1520	126.0	0.029	2.60	131.5	8.9	6	2.8	473	0.63	0.14	21.5	0.107
W591306		9.1	90	888	98.8	0.022	2.62	52.9	8.6	4	1.9	75.0	0.32	0.10	10.00	0.074
W591307		1.7	170	10.8	1.1	<0.002	0.01	0.73	0.3	1	0.2	51.6	<0.05	<0.05	0.25	<0.005
W591308		4.9	100	1780	74.0	0.006	2.37	196.0	5.5	4	1.8	53.7	0.36	0.23	8.84	0.057
W591309		2.5	80	391	119.0	0.007	1.57	24.7	7.2	1	2.6	78.0	0.67	0.05	15.55	0.066
W591310		4.2	180	790	86.4	0.004	1.62	90.0	7.1	1	1.7	46.5	0.19	0.08	6.36	0.090
W591311		2.6	60	75.0	135.5	0.006	2.18	3.85	7.6	1	4.1	91.2	1.11	<0.05	20.4	0.062
W591312		26.9	400	>10000	222	0.019	>10.0	232	7.4	39	20.8	133.5	0.45	0.05	4.58	0.229
W591313		2.8	70	121.5	123.0	0.010	1.81	2.75	8.5	1	3.7	88.3	1.01	<0.05	22.3	0.064
W591314		6.9	60	327	85.5	0.035	0.92	3.36	7.3	1	3.2	72.6	0.79	0.09	17.90	0.053
W591315		14.5	60	119.0	94.2	0.065	1.35	1.18	7.7	1	3.7	80.6	0.99	<0.05	21.8	0.060
W591316		5.3	60	188.5	106.0	0.010	0.95	15.40	7.1	1	3.0	79.3	0.72	<0.05	18.80	0.060
W591317		2.1	60	103.0	117.0	0.010	1.06	2.70	8.1	1	3.8	89.5	0.93	<0.05	21.0	0.059
W591318		2.2	60	97.4	112.0	0.006	1.05	2.52	7.7	1	3.6	85.5	0.79	<0.05	20.4	0.058
W591319		12.3	90	5130	47.8	0.019	4.82	619	9.9	12	4.8	83.0	0.94	0.72	16.90	0.066
W591320		3.7	40	49.9	98.8	0.005	0.98	4.27	6.6	1	3.0	70.4	0.77	<0.05	16.60	0.047
W591321		4.3	50	122.0	115.0	0.013	2.38	13.80	8.3	1	3.7	91.1	0.94	<0.05	20.6	0.060
W591322		1.4	40	28.2	73.7	0.004	1.05	3.82	4.7	<1	2.2	70.9	0.61	<0.05	12.45	0.038
W591323		1.5	180	6.8	2.3	<0.002	<0.01	0.58	0.3	1	0.2	48.1	<0.05	<0.05	0.35	<0.005
W591324		2.2	60	469	122.5	0.006	1.92	46.0	6.6	1	3.0	64.4	0.82	0.10	17.70	0.063
W591325		2.9	50	4410	80.5	0.008	2.14	532	4.4	3	2.0	47.0	0.54	0.62	13.05	0.036
W591326		0.9	30	400	115.5	0.006	1.90	6.80	6.1	<1	3.0	54.9	0.91	0.09	17.65	0.050
W591327		4.0	30	288	85.8	0.028	3.32	21.8	4.8	2	2.4	44.1	0.57	0.07	12.80	0.040
W591328		384	690	8860	43.3	0.017	6.38	32.1	11.7	13	7.2	155.5	0.22	0.62	3.27	0.205
W591329		1.3	20	180.0	103.5	<0.002	1.36	5.19	6.1	1	2.8	50.8	0.70	<0.05	16.35	0.051
W591330		2.0	40	51.7	104.5	0.005	1.86	11.35	6.5	1	3.0	68.0	1.01	<0.05	18.40	0.057
W591331		14.1	1170	153.0	31.9	0.002	0.75	3.20	18.1	1	1.8	347	0.17	<0.05	6.21	0.126
W591332		1.0	30	36.0	87.0	0.007	1.37	0.96	7.1	1	3.3	59.2	0.78	<0.05	21.5	0.058
W591333		8.5	1120	114.5	35.8	<0.002	0.73	2.27	17.6	1	1.7	291	0.10	<0.05	5.76	0.131
W591334		9.1	1130	124.5	31.4	<0.002	0.68	2.31	17.4	1	2.3	291	0.10	<0.05	4.95	0.126
W591335		29.0	530	760	89.2	0.018	2.72	43.1	9.0	6	2.2	180.0	0.66	0.27	12.60	0.185
W591336		47.6	810	68.2	67.8	0.030	1.52	2.91	11.3	7	2.0	136.5	0.42	0.10	10.95	0.191
W591337		18.1	1140	16.1	25.1	0.009	0.74	0.53	16.1	3	1.6	104.0	0.14	<0.05	5.22	0.163
W591338		2.7	120	359	92.0	0.010	1.17	40.4	7.1	1	2.5	102.5	0.59	0.07	15.35	0.087





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**CERTIFICATE OF ANALYSIS WH17197090**

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21	
	Analyte	Tl	U	V	W	Y	Zn	Zr	
	Units LOR	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.02	0.1	1	0.1	0.1	2	0.5	0.001
W591303		4.78	1.2	182	3.6	9.9	971	4.6	0.012
W591304		8.62	8.5	64	5.0	13.3	2620	84.9	0.350
W591305		7.82	8.7	61	92.2	10.1	5090	87.4	0.521
W591306		4.46	7.1	44	5.6	6.7	2550	52.7	0.631
W591307		0.09	0.6	2	0.6	0.8	48	0.8	0.002
W591308		3.33	6.6	24	3.7	8.5	5850	50.5	0.243
W591309		4.60	4.6	11	4.5	10.0	720	96.0	0.042
W591310		2.92	1.7	29	40.4	4.1	873	35.3	0.096
W591311		4.62	7.7	4	264	14.1	300	118.5	0.007
W591312		4.66	4.1	75	6.4	8.7	>10000	39.3	0.467
W591313		4.21	6.6	8	8.1	14.3	557	122.0	0.018
W591314		3.08	12.4	5	3.1	14.0	407	113.0	0.040
W591315		3.61	18.8	5	3.5	17.6	377	140.5	0.023
W591316		3.63	6.2	10	40.9	11.4	398	96.8	0.017
W591317		3.49	8.3	11	3.6	13.7	347	119.0	0.007
W591318		3.23	8.0	11	3.4	12.3	320	112.0	0.007
W591319		3.29	17.6	59	4.2	18.4	7550	162.0	0.612
W591320		2.70	5.4	13	2.3	11.9	184	88.8	0.003
W591321		3.21	8.9	8	2.6	18.3	332	109.5	0.010
W591322		2.12	4.4	2	1.6	10.7	177	64.4	<0.001
W591323		0.05	0.9	2	0.1	0.9	22	1.8	<0.001
W591324		3.95	5.7	8	2.5	12.7	1490	108.5	0.049
W591325		2.65	3.1	5	2.5	10.9	5580	87.9	0.368
W591326		3.49	5.0	2	3.4	12.7	1030	84.1	0.012
W591327		2.47	3.8	5	4.5	11.3	833	78.7	0.035
W591328		2.42	5.6	394	6.8	13.1	8260	27.5	1.430
W591329		3.03	4.5	4	4.4	12.7	766	86.4	0.007
W591330		3.16	6.6	2	2.7	17.9	973	86.1	0.012
W591331		1.84	5.5	109	2.4	46.6	357	22.3	0.006
W591332		2.11	4.5	2	2.4	17.6	258	95.4	0.003
W591333		1.99	2.3	146	1.9	23.1	471	14.2	0.008
W591334		2.02	2.2	154	1.9	23.8	488	14.0	0.053
W591335		1.64	6.1	110	1.9	15.1	193	84.1	0.019
W591336		1.16	6.1	162	2.1	13.6	270	55.0	<0.001
W591337		0.77	4.0	168	1.6	14.5	204	20.2	<0.001
W591338		1.93	5.8	17	2.1	16.5	1000	85.4	0.122



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<b>CERTIFICATE OF ANALYSIS WH17197090</b>
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	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REE's may not be totally soluble in this method.            ME- MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 21</td> <td style="width: 33%;">LOG- 21d</td> </tr> <tr> <td>LOG- 23</td> <td>PUL- 31</td> <td>PUL- 31d</td> <td>PUL- QC</td> </tr> <tr> <td>SPL- 21</td> <td>SPL- 21d</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	LOG- 21d	LOG- 23	PUL- 31	PUL- 31d	PUL- QC	SPL- 21	SPL- 21d	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	LOG- 21d										
LOG- 23	PUL- 31	PUL- 31d	PUL- QC										
SPL- 21	SPL- 21d	WEI- 21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag- OG62</td> <td style="width: 33%;">Au- ICP21</td> <td style="width: 33%;">ME- MS61</td> <td style="width: 33%;">ME- OG62</td> </tr> <tr> <td>Pb- OG62</td> <td>Zn- OG62</td> <td></td> <td></td> </tr> </table>	Ag- OG62	Au- ICP21	ME- MS61	ME- OG62	Pb- OG62	Zn- OG62						
Ag- OG62	Au- ICP21	ME- MS61	ME- OG62										
Pb- OG62	Zn- OG62												



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**CERTIFICATE WH17197092**

Project: Trident (Squid East)  
 P.O. No.: BATCH 17- 008  
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.  
 The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: **TRIFECTA GOLD LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17197092**

Sample Description	Method	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
W591267		4.46	0.10	5.63	27.1	490	1.92	0.11	0.80	0.05	75.3	9.7	50	8.73	11.8	2.74
W591268		5.34	0.57	7.14	5.1	1910	1.52	0.20	1.29	0.64	63.0	18.7	67	5.81	29.9	4.78
W591269		7.73	0.29	7.04	2.1	2890	1.45	0.12	3.86	0.36	54.5	24.2	74	4.86	32.9	5.65
W591270		4.95	0.73	7.28	5.6	2600	1.34	0.09	2.97	0.67	53.9	19.6	61	5.57	31.9	5.92
W591271		2.74	0.96	7.22	4.9	2540	1.37	0.11	3.64	0.60	60.6	23.0	75	6.21	35.1	5.99
W591272		5.11	0.78	7.81	6.3	3120	2.05	0.16	0.34	3.38	81.5	10.1	70	3.25	39.8	3.28
W591273		5.93	1.37	7.20	13.4	4200	2.30	0.18	0.47	8.01	87.4	28.4	47	4.78	64.2	3.24
W591274		2.66	0.45	6.79	6.5	5050	2.73	0.10	0.16	3.05	85.8	10.5	30	4.16	83.8	3.07
W591275		4.50	0.44	7.34	11.0	4560	1.98	0.55	4.84	1.65	63.1	20.7	19	5.11	52.8	5.40
W591276		5.34	0.24	6.76	5.0	3810	1.72	0.40	1.94	0.75	59.3	15.1	65	3.61	108.0	4.48
W591277		3.68	0.03	0.09	0.4	240	<0.05	0.02	19.60	0.10	2.08	1.0	1	0.15	2.5	0.47
W591278		4.87	0.08	7.49	3.0	4500	2.71	0.10	3.29	0.74	62.6	18.3	23	5.17	17.9	5.47
W591279		6.16	0.24	6.80	5.2	1930	1.52	0.13	3.72	0.34	45.3	17.1	16	4.79	70.1	5.04
W591280		5.41	0.02	7.44	11.7	1740	1.56	0.04	1.72	0.11	44.3	17.8	7	6.04	1.2	5.07
W591281		6.02	0.03	7.22	13.9	2020	1.39	0.04	3.99	0.31	48.6	27.0	18	4.79	1.6	6.09
W591282		6.10	0.05	6.73	4.8	850	1.00	0.05	2.35	0.25	29.5	28.5	31	1.40	2.9	6.17
W591283		4.50	0.02	0.10	<0.2	30	0.06	0.02	19.80	0.07	1.49	1.0	<1	0.17	1.8	0.47
W591284		9.26	0.21	7.12	3.2	1500	1.14	0.04	0.89	0.09	31.8	26.8	3	1.74	48.1	7.00
W591285		10.46	0.12	7.12	3.2	1110	0.93	0.05	1.04	0.14	31.6	33.2	4	1.13	44.6	7.73
W591286		9.65	0.16	7.58	2.1	1110	1.04	0.05	1.30	0.22	38.0	25.1	2	1.24	39.2	6.47
W591287		7.97	0.13	8.57	2.3	1410	1.18	0.05	1.70	0.45	50.8	21.2	1	1.23	58.0	6.05
W591288		0.13	29.9	6.79	128.5	210	0.60	8.88	5.58	34.4	29.5	90.9	119	1.70	6700	9.33
W591289		4.13	0.29	8.37	2.3	1710	1.44	0.07	1.73	1.08	49.8	25.4	2	1.42	74.2	5.99
W591290		4.42	2.13	10.90	44.8	7990	1.53	0.05	0.33	0.44	60.2	2.2	203	2.44	29.9	4.07
W591291		6.01	0.48	7.09	4.5	1790	0.87	0.07	1.66	0.45	46.5	31.0	6	0.31	55.3	6.81
W591292		4.35	0.66	6.90	3.1	1920	0.95	0.03	1.26	0.43	43.2	39.3	13	0.27	42.5	6.97
W591293		<0.02	0.59	6.78	3.4	1990	1.04	0.03	1.28	0.45	42.6	40.1	13	0.26	42.7	7.10
W591294		7.43	0.85	7.29	4.7	2770	0.86	0.07	2.79	0.64	35.0	28.7	135	0.51	112.5	5.67
W591295		5.30	1.02	8.42	13.9	7430	1.54	0.05	1.00	0.67	41.4	37.4	151	1.57	164.5	6.60
W591296		7.53	0.33	6.87	6.6	1370	0.88	0.05	4.66	0.59	32.5	39.1	131	0.39	35.3	5.99
W591297		5.49	0.11	7.58	8.0	2420	1.55	0.10	8.20	0.68	55.8	19.7	109	0.88	14.1	4.66
W591298		0.13	29.5	6.99	137.5	210	0.58	9.67	5.68	35.4	30.9	88.9	122	1.83	6910	9.46
W591299		4.89	0.20	8.38	10.1	1630	0.79	0.12	6.44	1.73	47.1	19.4	159	0.66	17.0	8.17
W591300		8.86	0.11	9.09	7.5	2930	1.27	0.09	3.56	0.95	50.3	16.9	125	1.16	14.0	6.63
W591301		8.43	2.36	7.62	4.3	6270	1.12	0.12	2.25	14.90	42.1	27.7	67	0.94	110.0	5.80
W591302		4.90	0.80	8.83	3.5	2850	1.11	0.07	2.77	1.36	43.6	26.5	4	0.76	51.7	6.68



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**CERTIFICATE OF ANALYSIS WH17197092**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
W591267		16.85	0.13	1.2	0.035	2.56	36.6	78.5	0.81	390	0.68	0.16	12.7	21.4	530	14.9
W591268		16.80	0.14	1.4	0.051	2.12	31.3	28.4	2.07	694	5.37	0.86	4.8	38.7	1250	26.1
W591269		19.50	0.15	0.3	0.061	2.83	25.0	29.3	2.66	1220	2.14	0.39	2.8	9.1	1390	17.9
W591270		18.85	0.14	0.7	0.062	2.10	25.8	36.1	3.25	1060	2.63	0.89	3.3	10.4	1330	11.0
W591271		19.25	0.12	0.7	0.061	2.05	29.9	36.7	3.18	1190	3.13	0.94	3.3	11.5	1420	11.6
W591272		18.80	0.16	2.4	0.051	2.54	47.8	16.5	0.51	350	10.75	2.01	4.9	44.6	1150	7.0
W591273		19.35	0.15	1.9	0.049	2.69	51.1	21.7	0.66	3380	21.0	1.17	5.7	89.6	1440	115.0
W591274		17.50	0.15	2.5	0.044	3.15	46.3	23.3	0.70	780	8.84	0.28	6.5	24.0	600	32.3
W591275		18.20	0.15	0.5	0.064	3.04	29.5	33.7	1.52	1070	4.51	1.13	3.3	11.9	2050	149.0
W591276		15.95	0.15	0.6	0.060	2.78	31.5	28.0	1.71	840	5.23	0.56	2.6	41.9	810	11.9
W591277		0.28	0.15	<0.1	0.005	0.04	1.0	1.7	12.15	199	0.14	0.01	0.1	1.5	170	3.1
W591278		19.45	0.17	0.3	0.065	4.00	31.1	26.0	1.11	896	4.01	0.57	6.0	13.5	1320	19.6
W591279		19.35	0.15	0.1	0.063	3.15	19.9	26.3	2.18	1380	2.55	1.31	3.1	6.5	1060	15.0
W591280		18.90	0.14	0.1	0.053	2.69	20.3	31.0	3.45	769	0.79	0.64	1.5	3.6	2060	11.4
W591281		19.85	0.17	0.1	0.066	2.53	20.8	34.2	3.61	1280	1.30	1.04	2.0	9.5	1760	13.3
W591282		20.4	0.10	0.1	0.066	1.13	11.1	34.2	4.85	875	0.39	1.71	1.2	11.3	1190	13.9
W591283		0.31	0.14	<0.1	<0.005	0.04	0.7	1.3	12.35	196	0.26	0.01	0.2	1.3	200	1.3
W591284		21.3	0.11	<0.1	0.075	2.20	12.2	30.0	4.33	805	0.14	1.05	1.2	3.7	1200	9.1
W591285		22.5	0.13	0.1	0.078	1.54	12.0	31.4	4.49	1080	0.19	1.51	1.0	3.5	1150	9.5
W591286		21.0	0.11	0.1	0.072	1.27	14.5	27.0	3.77	1020	0.14	2.52	1.0	2.5	1310	9.9
W591287		22.6	0.13	0.1	0.074	1.13	21.1	25.0	3.33	1260	0.32	3.38	3.0	1.4	1540	12.6
W591288		12.05	0.11	0.8	2.46	0.96	15.5	8.4	2.12	885	57.0	0.78	2.9	376	660	8510
W591289		23.2	0.11	0.1	0.076	1.69	21.1	26.0	3.09	1040	0.49	2.65	3.4	2.3	1450	20.6
W591290		24.8	0.11	0.6	0.071	3.73	32.1	12.5	0.60	81	0.38	1.16	1.1	5.5	730	97.6
W591291		22.7	0.09	0.1	0.078	0.51	19.0	34.5	3.91	657	0.20	1.47	1.0	5.9	1330	82.7
W591292		21.0	0.12	0.2	0.083	0.71	16.7	38.0	4.68	749	0.29	1.45	0.9	10.7	1350	55.5
W591293		21.1	0.13	0.2	0.081	0.73	16.7	38.3	4.66	756	0.29	1.50	0.7	10.4	1370	58.1
W591294		16.10	0.10	0.1	0.040	1.07	16.6	24.1	2.92	516	0.46	0.49	0.7	37.1	600	90.0
W591295		20.4	0.11	0.3	0.056	2.55	21.9	23.6	2.62	263	2.29	0.43	0.6	48.1	570	57.6
W591296		14.00	0.08	0.1	0.046	0.68	15.0	29.0	4.99	825	1.17	0.67	0.7	51.0	560	46.6
W591297		14.20	0.10	0.1	0.047	1.48	28.1	13.3	3.14	1120	0.25	0.72	1.1	28.5	620	70.7
W591298		11.15	0.11	0.8	2.52	0.99	15.4	8.9	2.17	909	54.3	0.79	2.7	377	680	8630
W591299		17.25	0.10	0.1	0.056	0.85	21.1	17.0	2.44	622	0.23	1.35	2.0	25.0	750	71.3
W591300		18.60	0.12	0.1	0.056	1.91	21.9	19.5	2.72	395	0.20	1.37	1.4	20.0	550	50.8
W591301		17.10	0.10	0.4	0.055	1.53	19.1	32.8	3.65	850	2.34	0.86	1.6	25.9	830	217
W591302		18.65	0.11	0.1	0.066	1.57	18.9	28.1	3.99	864	0.42	0.24	0.9	3.7	1270	114.0



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**CERTIFICATE OF ANALYSIS WH17197092**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
W591267		138.0	<0.002	0.12	1.89	7.7	<1	2.1	73.5	0.90	<0.05	15.10	0.259	0.81	2.4	48
W591268		69.2	<0.002	0.01	0.65	15.7	2	1.5	110.0	0.31	0.05	7.78	0.286	0.63	1.6	171
W591269		55.0	<0.002	<0.01	0.44	20.6	1	1.1	108.0	0.16	<0.05	4.72	0.280	0.58	1.3	205
W591270		40.0	0.002	0.01	0.30	22.0	1	1.2	92.0	0.19	<0.05	6.22	0.326	0.53	1.3	224
W591271		43.5	<0.002	0.01	0.32	22.4	1	1.2	111.5	0.19	<0.05	6.88	0.310	0.49	1.3	206
W591272		85.9	<0.002	0.01	0.76	9.1	4	2.3	96.3	0.34	0.08	21.4	0.135	1.28	2.7	152
W591273		96.0	<0.002	0.01	1.18	9.0	4	2.5	90.3	0.33	0.07	19.65	0.128	1.91	2.7	198
W591274		98.2	<0.002	<0.01	0.49	8.8	2	2.6	55.0	0.53	<0.05	22.1	0.133	1.29	2.5	75
W591275		96.4	<0.002	0.02	0.36	20.3	2	1.3	132.0	0.17	0.22	6.28	0.285	1.14	1.0	160
W591276		81.3	<0.002	0.01	0.24	15.2	1	1.5	49.9	0.13	0.13	9.93	0.178	0.80	1.1	115
W591277		1.4	<0.002	<0.01	0.05	0.2	1	<0.2	49.0	<0.05	<0.05	0.16	<0.005	<0.02	0.7	2
W591278		112.5	<0.002	0.01	0.20	17.7	<1	1.4	70.6	0.30	<0.05	6.88	0.376	0.93	1.3	143
W591279		54.5	<0.002	0.01	0.92	19.4	1	1.3	69.1	0.16	<0.05	3.77	0.307	0.70	0.6	136
W591280		63.5	<0.002	0.01	1.08	17.3	1	1.2	78.1	0.08	<0.05	3.27	0.269	0.76	0.7	151
W591281		48.2	<0.002	0.02	1.52	21.0	<1	1.1	133.5	0.10	<0.05	3.43	0.321	0.70	1.0	192
W591282		9.0	<0.002	<0.01	1.62	22.8	1	1.0	183.0	0.07	<0.05	2.12	0.196	0.34	0.9	214
W591283		1.3	<0.002	<0.01	0.05	0.3	<1	0.2	45.6	<0.05	<0.05	0.11	0.005	<0.02	1.1	2
W591284		16.6	<0.002	<0.01	0.63	24.9	1	1.0	73.6	0.06	<0.05	2.10	0.283	0.38	0.6	268
W591285		9.8	<0.002	<0.01	1.14	25.7	<1	1.0	103.0	0.05	<0.05	2.06	0.297	0.36	0.7	312
W591286		9.8	<0.002	<0.01	1.64	22.4	<1	1.0	117.5	0.06	<0.05	2.62	0.227	0.36	1.6	259
W591287		10.3	<0.002	0.01	1.86	20.1	<1	1.2	156.5	0.15	<0.05	3.61	0.328	0.45	2.1	228
W591288		36.1	0.020	6.11	30.0	11.8	13	6.9	148.5	0.23	0.64	3.40	0.201	2.47	5.5	383
W591289		19.1	<0.002	0.02	1.40	20.5	2	1.3	189.5	0.17	<0.05	4.16	0.281	1.58	3.5	258
W591290		102.0	<0.002	1.02	5.99	47.8	5	1.1	219	0.06	0.12	8.39	0.164	14.30	1.9	327
W591291		2.6	<0.002	0.14	3.68	20.9	1	1.1	215	0.06	<0.05	3.97	0.089	2.53	3.7	253
W591292		3.5	<0.002	0.04	3.07	19.3	<1	1.0	141.5	0.05	<0.05	3.77	0.091	3.12	3.9	221
W591293		3.4	<0.002	0.03	2.69	19.3	<1	0.9	144.5	<0.05	<0.05	3.66	0.084	3.39	3.9	230
W591294		9.7	<0.002	0.02	4.30	29.0	1	0.9	258	<0.05	<0.05	6.33	0.078	4.97	4.4	154
W591295		53.3	0.004	0.86	3.36	35.8	5	1.2	141.0	<0.05	0.05	10.25	0.110	12.00	4.9	233
W591296		8.5	0.002	0.02	5.56	30.7	<1	0.7	171.0	0.05	<0.05	5.13	0.074	3.19	1.2	164
W591297		50.0	<0.002	<0.01	8.60	38.6	<1	0.8	304	0.07	<0.05	9.33	0.111	6.43	2.1	165
W591298		42.7	0.021	6.21	31.9	12.2	12	7.0	153.0	0.22	0.65	3.29	0.206	2.44	6.3	388
W591299		21.6	<0.002	0.01	5.70	43.1	<1	1.0	356	0.12	<0.05	8.53	0.231	4.36	1.0	248
W591300		37.7	<0.002	<0.01	4.14	37.9	<1	1.0	253	0.09	<0.05	7.89	0.193	9.80	1.1	177
W591301		24.6	0.002	0.24	9.28	23.6	1	1.2	188.0	0.11	0.05	6.99	0.131	5.93	2.6	172
W591302		25.7	0.002	0.34	4.98	17.6	1	1.2	264	0.05	<0.05	3.72	0.108	4.96	1.4	220



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CERTIFICATE OF ANALYSIS WH17197092
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	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Au- ICP21 Au ppm 0.001
W591267		6.8	10.2	61	43.1	<0.001
W591268		4.4	15.3	128	43.5	0.001
W591269		3.7	16.9	109	10.5	0.015
W591270		7.9	13.7	134	24.7	0.002
W591271		9.1	16.6	129	24.9	0.004
W591272		5.7	13.1	364	86.2	0.003
W591273		8.9	17.6	389	69.7	<0.001
W591274		12.2	14.0	200	75.7	<0.001
W591275		14.7	18.0	153	17.5	0.004
W591276		5.0	11.4	120	21.5	0.010
W591277		0.3	0.9	17	0.5	<0.001
W591278		22.4	14.1	165	10.8	<0.001
W591279		4.4	11.8	102	4.0	0.018
W591280		4.7	16.0	160	2.9	0.117
W591281		3.3	14.7	130	2.7	0.008
W591282		1.7	11.3	102	2.3	<0.001
W591283		0.1	0.9	16	<0.5	0.003
W591284		1.0	12.0	101	1.1	<0.001
W591285		0.5	13.1	105	1.1	0.001
W591286		0.6	14.4	95	2.1	<0.001
W591287		1.1	19.3	102	2.8	<0.001
W591288		6.2	12.4	7880	25.7	1.435
W591289		1.0	19.3	126	3.4	0.002
W591290		5.7	4.8	68	22.3	0.054
W591291		1.5	16.8	658	4.6	0.006
W591292		4.3	16.3	379	8.0	0.002
W591293		4.3	16.0	398	7.9	0.004
W591294		1.9	12.0	319	2.8	0.029
W591295		44.0	9.7	324	12.2	0.034
W591296		2.1	9.5	140	2.1	0.006
W591297		2.6	15.4	91	3.3	<0.001
W591298		6.6	13.0	8130	24.7	1.515
W591299		1.7	16.5	205	2.4	<0.001
W591300		2.0	11.9	185	1.6	<0.001
W591301		4.9	13.3	2300	11.8	0.041
W591302		2.7	16.7	243	2.1	0.024



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**CERTIFICATE OF ANALYSIS WH17197092**

<b>CERTIFICATE COMMENTS</b>													
	<b>ANALYTICAL COMMENTS</b>												
Applies to Method:	REE's may not be totally soluble in this method. ME- MS61												
	<b>LABORATORY ADDRESSES</b>												
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 21</td> <td style="width: 33%;">LOG- 21d</td> </tr> <tr> <td>LOG- 23</td> <td>PUL- 31</td> <td>PUL- 31d</td> <td>PUL- QC</td> </tr> <tr> <td>SPL- 21</td> <td>SPL- 21d</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	LOG- 21d	LOG- 23	PUL- 31	PUL- 31d	PUL- QC	SPL- 21	SPL- 21d	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	LOG- 21d										
LOG- 23	PUL- 31	PUL- 31d	PUL- QC										
SPL- 21	SPL- 21d	WEI- 21											
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Au- ICP21</td> <td style="width: 50%;">ME- MS61</td> </tr> </table>	Au- ICP21	ME- MS61										
Au- ICP21	ME- MS61												





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**CERTIFICATE WH17197099**

Project: Trident (Squid East)

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: **TRIFECTA GOLD LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17197099**

Sample Description	Method	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
LOR		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
W591201		7.57	2.94	7.53	13.2	1960	1.79	0.06	2.40	0.19	49.9	16.6	10	4.47	10.0	5.29
W591202		3.70	0.04	6.92	28.7	1390	1.11	0.08	3.86	0.23	55.9	26.8	10	3.19	1.7	5.52
W591203		4.70	0.19	6.82	19.0	1800	1.41	0.05	4.56	0.64	40.1	28.1	13	6.03	1.6	6.10
W591204		3.76	0.01	0.06	1.4	20	0.07	0.02	20.0	0.05	1.26	0.9	<1	0.10	2.5	0.47
W591205		8.44	0.39	6.82	21.5	1840	1.52	0.05	3.61	0.41	47.8	24.0	11	3.00	2.2	5.85
W591206		8.75	0.03	6.92	18.1	1790	1.42	0.04	2.74	0.24	39.7	27.2	9	4.13	2.7	6.19
W591207		10.70	0.04	8.10	20.8	2240	1.84	0.05	2.25	0.16	58.4	26.1	6	3.58	1.3	6.39
W591208		3.95	0.07	6.90	18.5	1810	1.63	0.05	3.38	0.22	41.6	24.8	5	3.58	1.3	6.11
W591209		0.22	33.5	6.95	141.0	210	0.64	10.60	5.68	36.3	30.7	93.1	121	1.87	6750	9.47
W591210		3.31	0.55	7.31	8.8	1110	1.30	0.07	2.56	0.33	33.1	28.5	17	4.47	65.2	6.51
W591211		3.29	0.09	7.07	5.8	870	0.86	0.11	5.23	0.69	50.8	17.6	9	1.20	13.1	5.80
W591212		9.32	0.34	7.35	3.4	1310	1.33	0.29	1.12	0.20	40.4	27.9	7	0.96	100.5	6.29
W591213		10.86	0.18	7.32	3.4	1000	0.87	0.13	1.99	0.36	44.1	30.9	11	0.47	51.3	6.44
W591214		4.70	0.13	7.48	3.2	1010	0.96	0.09	1.94	0.36	46.5	30.8	11	0.52	40.4	6.33
W591215		10.12	0.30	7.70	3.2	1480	1.31	0.09	0.97	0.23	38.5	27.9	4	1.04	74.9	6.05
W591216		10.28	0.07	7.55	3.9	1890	1.42	0.05	1.00	0.15	31.7	25.3	1	1.30	8.7	6.14
W591217		9.37	0.21	9.26	4.6	2010	1.75	0.08	1.22	0.32	54.9	28.9	2	2.05	30.5	6.51
W591218		9.96	0.38	8.23	2.4	1370	1.35	0.06	0.95	0.38	50.1	31.3	1	0.54	48.5	5.72
W591219		9.33	0.61	8.42	3.9	1750	1.37	0.06	1.14	0.54	52.2	27.2	2	1.04	56.1	5.89
W591220		<0.02	0.67	8.04	3.8	1690	1.41	0.05	1.11	0.59	50.4	26.9	3	1.01	52.7	5.76
W591221		10.94	0.84	7.63	4.6	1910	1.29	0.06	0.99	0.31	43.0	24.0	2	0.90	41.7	5.89
W591222		6.61	0.76	7.79	3.2	1830	1.29	0.03	0.60	0.22	40.3	23.5	1	0.68	25.7	5.55
W591223		7.27	0.56	8.12	3.6	1950	1.29	0.03	0.64	0.27	43.4	19.3	3	0.65	25.2	5.51
W591224		7.59	0.38	8.07	4.3	2700	1.45	0.04	0.91	0.39	41.7	23.4	2	0.62	27.7	6.28
W591225		7.22	0.53	7.29	1.6	3190	1.10	0.09	2.28	4.19	44.9	33.3	16	0.79	47.0	6.51
W591226		3.99	0.01	0.08	0.3	40	0.06	0.03	19.65	0.07	1.43	0.9	<1	0.10	2.3	0.43
W591227		5.66	3.24	8.08	11.2	1660	1.41	0.08	1.74	0.19	61.1	17.8	20	3.84	8.3	5.57
W591228		9.28	0.11	7.89	11.3	2130	1.66	0.06	1.79	0.14	49.9	19.8	9	4.02	1.4	5.64
W591229		3.21	0.21	7.34	15.3	1350	1.14	0.04	3.92	0.28	42.4	29.6	11	6.28	0.8	6.50
W591230		4.33	0.76	7.21	25.1	2020	1.47	0.08	3.29	0.36	42.9	26.1	6	4.77	1.5	6.12
W591231		7.66	0.52	7.09	24.4	1690	1.49	0.05	2.69	0.18	39.1	26.5	5	4.82	1.2	6.12
W591232		0.22	30.8	7.12	141.5	210	0.61	9.95	5.68	31.6	29.2	91.1	115	1.81	6810	9.55
W591233		6.48	0.69	7.37	18.3	1640	1.28	0.05	1.69	0.14	51.1	28.7	10	3.39	6.2	6.52
W591234		6.37	0.77	6.95	23.1	1910	1.43	0.06	2.35	0.16	46.6	26.2	6	3.10	2.1	6.07
W591235		6.94	2.25	7.72	4.0	2350	1.46	0.07	1.07	0.18	39.2	21.7	2	1.25	48.5	6.07
W591236		6.44	35.0	7.59	4.8	2560	1.53	0.03	1.17	0.18	43.0	19.2	4	1.78	186.0	5.24



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**CERTIFICATE OF ANALYSIS WH17197099**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
W591201		19.50	0.14	0.2	0.075	2.92	18.7	30.7	3.14	913	0.65	0.98	2.1	6.2	1430	13.8
W591202		17.80	0.15	0.1	0.072	1.91	23.5	30.8	3.27	1490	0.83	2.12	1.9	7.7	2740	16.1
W591203		18.55	0.15	0.1	0.069	2.78	17.4	28.5	2.90	1340	1.48	0.89	1.9	8.2	1710	12.5
W591204		0.20	0.10	<0.1	<0.005	0.02	0.6	1.1	12.45	203	0.09	0.01	0.2	1.5	180	2.3
W591205		17.85	0.12	0.1	0.073	2.43	19.2	25.0	3.11	1130	1.29	0.79	1.7	6.5	1900	15.2
W591206		18.50	0.13	0.1	0.067	2.40	14.6	32.6	3.80	868	0.66	1.13	1.6	6.2	1540	14.0
W591207		20.3	0.14	0.1	0.080	2.98	22.5	35.3	4.33	678	0.47	0.68	1.3	5.0	1700	12.1
W591208		18.85	0.13	0.1	0.071	2.49	16.9	34.5	3.93	763	0.56	1.07	1.7	4.2	1480	12.7
W591209		11.65	0.11	0.8	2.62	0.98	15.6	9.5	2.17	894	60.5	0.79	2.8	380	680	8640
W591210		18.25	0.10	0.1	0.068	1.92	12.5	40.6	5.01	846	0.72	0.43	1.2	7.6	1200	18.6
W591211		17.40	0.13	0.1	0.072	1.03	20.5	28.0	3.92	1240	0.39	1.33	1.4	4.1	1400	21.6
W591212		20.0	0.12	0.1	0.069	1.60	15.0	35.6	4.81	661	0.13	1.14	0.6	3.7	1400	10.5
W591213		20.5	0.12	0.1	0.078	1.06	17.0	33.7	4.68	897	0.14	1.70	0.8	6.5	1480	13.4
W591214		20.5	0.12	0.1	0.079	1.07	18.2	33.0	4.58	872	0.12	1.72	0.8	6.3	1460	14.0
W591215		20.3	0.13	0.1	0.077	1.95	14.7	34.3	4.40	670	0.16	1.27	0.8	2.9	1440	11.6
W591216		19.55	0.12	0.1	0.073	2.24	11.1	33.3	4.13	719	0.09	0.91	0.9	2.1	1310	12.9
W591217		22.8	0.14	0.1	0.083	2.29	22.8	34.8	4.22	948	0.12	1.37	1.0	2.9	1760	19.0
W591218		21.6	0.13	0.2	0.078	1.16	19.8	30.2	3.78	993	<0.05	3.01	0.7	2.0	1510	17.8
W591219		20.4	0.14	0.1	0.075	1.66	21.1	30.3	3.84	1020	0.15	2.08	0.9	2.6	1590	25.3
W591220		20.6	0.13	0.1	0.080	1.60	19.9	30.2	3.73	1000	0.23	1.99	0.9	2.5	1570	22.3
W591221		20.7	0.13	0.1	0.073	1.82	16.9	31.4	3.86	584	0.11	1.39	0.9	2.0	1600	26.3
W591222		21.8	0.12	0.3	0.079	1.42	14.6	40.0	4.20	421	0.08	1.50	0.7	3.1	1310	23.2
W591223		20.8	0.10	0.1	0.072	1.40	17.4	41.4	4.43	419	0.19	1.22	0.9	2.3	1360	33.5
W591224		22.0	0.12	0.1	0.079	1.66	14.7	40.2	4.53	481	0.09	1.02	1.1	2.3	1490	46.4
W591225		19.55	0.11	0.1	0.073	1.09	16.7	29.6	4.45	867	0.11	1.13	0.9	8.5	1260	69.3
W591226		0.23	0.10	<0.1	<0.005	0.03	0.6	1.2	12.20	186	0.06	0.01	0.2	1.2	180	1.7
W591227		18.35	0.16	0.3	0.070	2.33	25.7	30.1	3.09	947	0.84	1.57	2.4	9.4	1380	13.8
W591228		20.3	0.15	0.1	0.069	2.96	20.2	33.8	3.71	771	0.48	0.97	1.6	4.8	1280	13.1
W591229		18.10	0.15	0.1	0.063	2.00	15.8	32.1	3.48	1240	1.19	1.81	1.9	7.5	1590	10.8
W591230		20.6	0.15	0.1	0.068	2.58	17.2	32.4	3.76	801	0.47	0.86	1.4	5.4	1620	15.1
W591231		20.4	0.15	0.1	0.074	2.33	15.1	37.5	4.36	690	0.28	1.21	1.4	4.8	1780	12.3
W591232		12.10	0.14	0.8	2.61	1.00	15.8	8.8	2.20	891	53.3	0.80	3.0	382	680	8670
W591233		19.95	0.15	0.1	0.067	2.03	21.7	38.2	4.89	644	0.21	1.52	1.1	5.4	1410	16.3
W591234		19.10	0.16	0.1	0.071	2.20	19.4	34.6	4.37	737	0.22	1.38	1.3	4.4	1780	12.5
W591235		20.9	0.16	0.1	0.069	2.16	15.3	32.5	3.94	527	0.14	0.68	0.9	1.8	1390	37.0
W591236		18.10	0.16	0.1	0.060	1.85	18.3	30.8	3.91	635	0.42	0.95	1.0	8.3	1320	27.5



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**CERTIFICATE OF ANALYSIS WH17197099**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
W591201		50.2	<0.002	<0.01	1.47	18.1	<1	1.4	76.8	0.11	<0.05	3.13	0.266	0.60	0.5	137
W591202		29.1	<0.002	<0.01	2.11	20.6	<1	1.3	134.5	0.10	<0.05	4.17	0.283	0.45	0.9	153
W591203		47.5	<0.002	<0.01	1.41	21.2	<1	1.1	65.6	0.09	<0.05	2.92	0.325	0.64	0.7	186
W591204		0.9	<0.002	<0.01	0.05	0.2	1	0.2	43.7	<0.05	<0.05	1	0.08	<0.005	<0.02	0.6
W591205		33.8	<0.002	0.01	1.35	16.6	<1	1.1	114.0	0.09	<0.05	3.50	0.295	0.54	0.7	201
W591206		34.9	<0.002	0.01	1.17	17.6	<1	1.1	92.7	0.09	<0.05	2.95	0.318	0.61	0.6	207
W591207		51.5	<0.002	0.01	1.17	19.6	<1	1.4	78.6	0.07	<0.05	4.10	0.289	0.53	0.8	207
W591208		35.2	<0.002	0.01	1.69	16.9	<1	1.2	77.5	0.08	<0.05	3.19	0.289	0.65	0.7	213
W591209		44.0	0.015	6.21	32.2	12.8	13	7.4	153.0	0.21	0.88	3.39	0.202	2.61	5.6	385
W591210		21.6	<0.002	0.01	2.68	20.7	<1	1.0	68.7	0.06	<0.05	2.30	0.194	0.63	0.6	256
W591211		13.7	<0.002	<0.01	2.91	22.8	1	1.1	217	0.08	<0.05	2.67	0.119	0.30	1.2	203
W591212		12.8	<0.002	<0.01	0.96	22.2	<1	1.1	86.6	<0.05	<0.05	2.85	0.099	0.45	1.6	247
W591213		6.1	<0.002	<0.01	1.27	18.7	<1	1.1	151.5	<0.05	<0.05	2.79	0.096	0.27	2.0	258
W591214		6.4	0.003	<0.01	1.24	19.9	<1	1.4	161.0	<0.05	<0.05	2.87	0.093	0.27	2.0	258
W591215		12.9	0.002	<0.01	1.57	19.3	<1	1.2	112.5	<0.05	<0.05	2.75	0.116	0.59	1.9	240
W591216		15.0	<0.002	<0.01	2.22	16.5	<1	0.9	106.0	<0.05	<0.05	2.05	0.139	0.65	0.9	235
W591217		24.3	<0.002	0.01	2.43	21.7	<1	1.2	159.5	0.05	<0.05	4.38	0.143	0.89	3.8	272
W591218		10.0	<0.002	<0.01	1.48	20.2	<1	1.1	139.5	<0.05	<0.05	3.93	0.087	0.68	5.9	225
W591219		15.7	<0.002	0.02	2.76	19.8	<1	1.2	156.0	0.05	<0.05	3.72	0.115	1.45	2.9	240
W591220		14.6	<0.002	0.02	2.80	20.2	<1	1.2	152.5	0.05	<0.05	3.61	0.112	1.45	2.8	235
W591221		13.7	<0.002	0.02	2.81	20.1	<1	1.1	148.0	0.05	<0.05	3.31	0.116	2.67	1.7	228
W591222		9.1	<0.002	0.07	1.58	20.7	<1	1.1	123.5	<0.05	<0.05	2.96	0.087	2.80	2.6	253
W591223		9.3	<0.002	0.01	2.08	17.9	<1	1.1	170.0	0.05	<0.05	3.12	0.099	3.11	1.8	216
W591224		9.2	<0.002	0.01	3.22	17.9	<1	1.1	208	0.05	<0.05	3.09	0.121	4.02	2.1	251
W591225		12.4	<0.002	0.40	2.04	20.0	<1	1.2	241	0.05	<0.05	2.87	0.109	2.38	1.7	239
W591226		0.9	<0.002	<0.01	0.07	0.2	<1	<0.2	45.8	<0.05	<0.05	0.09	<0.005	<0.02	0.6	2
W591227		56.7	0.002	<0.01	1.12	20.3	<1	1.4	109.5	0.15	<0.05	4.21	0.296	0.48	1.1	147
W591228		49.8	<0.002	0.01	1.20	21.5	<1	1.4	78.3	0.09	<0.05	3.27	0.261	0.56	0.7	158
W591229		38.0	<0.002	<0.01	1.34	21.4	<1	1.0	68.7	0.10	<0.05	2.88	0.344	0.47	0.6	174
W591230		33.2	<0.002	0.01	1.62	17.1	<1	1.2	116.5	0.07	<0.05	3.08	0.272	0.55	0.9	216
W591231		26.5	<0.002	0.01	1.56	16.4	<1	1.1	84.3	0.07	<0.05	2.87	0.281	0.50	0.8	215
W591232		40.2	0.019	6.22	33.7	12.3	14	7.1	154.0	0.21	0.70	3.40	0.202	2.49	5.7	386
W591233		26.8	<0.002	0.02	1.15	18.5	<1	1.1	77.8	0.05	<0.05	3.81	0.300	0.54	0.8	184
W591234		28.4	<0.002	0.01	1.21	17.0	<1	1.1	85.8	0.06	<0.05	3.57	0.294	0.58	0.7	202
W591235		18.9	<0.002	0.01	2.49	17.0	1	1.1	148.0	<0.05	<0.05	3.11	0.121	3.21	1.3	245
W591236		20.5	0.005	0.09	2.13	15.8	<1	0.9	107.0	0.05	<0.05	3.25	0.137	2.98	1.0	205



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Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21
		W ppm	Y ppm	Zn ppm	Zr ppm	Au ppm
		0.1	0.1	2	0.5	0.001
W591201		27.5	13.6	147	6.0	0.070
W591202		2.0	19.1	92	2.5	0.006
W591203		4.4	15.1	107	1.4	0.004
W591204		0.1	0.8	16	<0.5	0.003
W591205		7.4	13.4	152	2.9	0.180
W591206		3.7	11.8	141	2.0	0.030
W591207		6.0	14.8	170	3.0	0.012
W591208		4.5	11.6	140	3.5	0.029
W591209		7.0	13.4	8040	26.1	1.405
W591210		7.2	12.0	131	3.1	0.007
W591211		1.2	18.6	71	3.8	<0.001
W591212		1.0	16.7	113	3.7	0.121
W591213		0.6	16.7	102	5.2	0.002
W591214		0.5	17.1	99	4.3	0.002
W591215		0.6	17.7	97	4.0	0.008
W591216		1.6	13.2	132	1.4	0.001
W591217		1.1	21.8	102	3.9	0.001
W591218		0.3	19.7	102	7.4	0.001
W591219		0.7	20.3	120	3.9	0.002
W591220		0.7	20.0	115	3.8	0.003
W591221		0.5	19.1	111	2.0	0.010
W591222		0.4	16.7	125	11.0	0.009
W591223		0.6	18.1	118	4.4	0.006
W591224		0.9	18.1	158	3.2	0.005
W591225		1.8	17.8	594	3.6	0.014
W591226		0.1	0.8	16	1.0	<0.001
W591227		34.4	17.8	107	9.8	<0.001
W591228		5.6	16.2	149	1.9	0.058
W591229		2.5	11.8	105	1.1	0.054
W591230		5.4	13.6	129	4.3	0.218
W591231		3.7	13.0	117	3.6	0.439
W591232		6.0	13.0	8040	26.2	1.325
W591233		3.9	13.0	126	2.4	0.019
W591234		5.5	13.1	125	2.1	0.002
W591235		11.8	16.6	113	2.6	0.020
W591236		700	14.2	130	4.3	0.019





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**Page: 1**  
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**Plus Appendix Pages**  
**Finalized Date: 19- OCT- 2017**  
**Account: FECTRI**

**CERTIFICATE WH17197103**

Project: Trident (Squid East)

This report is for 16 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 23	Pulp Login - Rcvd with Barcode

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197103**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm	ME- MS61 Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
W591237		5.86	2.59	7.36	17.4	2700	1.25	0.04	0.79	0.46	37.9	23.8	1	0.78	49.6	5.41
W591238		5.62	0.30	8.39	7.1	1310	1.13	0.02	1.24	0.15	38.3	25.3	<1	1.09	48.1	6.72
W591239		9.69	0.22	7.88	7.1	1470	1.12	0.03	1.25	0.14	41.3	27.0	3	1.31	53.1	6.28
W591240		10.57	0.17	7.85	6.9	1700	1.09	0.07	2.33	0.18	33.4	24.8	1	1.47	64.5	6.54
W591241		5.15	0.19	8.33	8.6	1760	1.19	0.07	2.24	0.21	39.0	22.8	1	1.55	66.1	6.53
W591242		9.75	0.26	8.14	9.4	2690	1.16	0.05	2.12	0.23	42.7	26.4	1	1.44	63.2	6.47
W591243		8.22	0.13	8.28	8.9	1960	0.98	0.02	1.84	0.20	34.8	23.6	1	1.52	25.2	6.45
W591244		5.45	0.20	7.01	4.0	1880	1.56	0.13	1.92	0.36	54.5	16.0	37	1.93	44.6	4.09
W591245		4.27	0.23	6.83	4.6	1750	1.65	0.15	2.70	0.39	61.5	17.0	54	3.30	105.5	3.89
W591246		6.54	0.08	7.08	2.3	940	0.73	0.03	4.03	0.35	33.3	28.8	118	1.70	30.5	5.34
W591247		0.22	31.3	7.00	142.5	170	0.62	10.60	5.74	31.9	28.6	93.5	117	1.87	7030	9.66
W591248		10.88	0.09	7.25	3.7	1430	0.91	0.03	5.36	0.50	43.1	26.7	79	2.07	36.4	5.55
W591249		6.11	0.95	5.59	4.8	1420	1.26	0.50	3.28	0.87	49.4	13.7	85	1.97	198.5	3.33
W591250		6.21	1.34	5.46	12.2	1840	1.69	0.57	3.28	0.83	53.2	12.1	89	5.44	54.4	3.04
W591339		4.99	0.23	6.49	6.3	1520	1.31	0.13	2.97	0.42	49.4	14.9	46	2.77	48.1	4.24
W591340		6.67	0.16	7.22	4.3	2060	1.71	0.07	1.21	0.22	62.0	12.1	28	1.97	40.5	3.53





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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197103**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
W591237		21.5	0.14	0.3	0.074	1.39	14.1	37.8	4.25	454	0.06	1.16	0.8	2.9	1430	46.8
W591238		20.7	0.13	0.1	0.066	1.00	14.8	39.1	4.38	980	0.19	2.93	2.3	1.4	1280	8.0
W591239		20.6	0.16	0.2	0.071	1.16	17.6	36.2	4.57	893	0.16	2.11	2.6	3.6	1260	9.9
W591240		20.8	0.15	0.1	0.074	1.38	12.0	44.4	3.82	1160	0.21	2.23	2.2	2.1	1340	12.1
W591241		20.9	0.17	0.1	0.063	1.41	14.5	43.3	3.89	1160	0.28	2.34	2.1	2.0	1320	13.4
W591242		20.6	0.17	0.2	0.074	1.29	16.8	37.0	4.36	909	<0.05	1.92	3.7	1.9	1220	20.0
W591243		20.3	0.16	0.2	0.061	1.19	12.9	32.7	4.18	936	<0.05	2.39	3.5	1.5	1220	15.1
W591244		17.10	0.14	0.8	0.057	2.21	26.3	23.0	2.97	598	5.34	0.23	2.6	32.3	660	14.5
W591245		16.30	0.19	1.0	0.048	2.13	30.1	17.0	2.74	697	6.79	0.38	2.7	39.6	1030	13.5
W591246		15.55	0.13	0.2	0.049	0.76	13.6	27.4	4.27	956	0.60	1.58	1.5	84.7	800	9.6
W591247		11.95	0.16	0.9	2.66	1.00	15.0	8.8	2.19	912	56.3	0.81	3.1	385	680	8720
W591248		16.85	0.14	0.1	0.062	1.25	19.2	26.4	3.41	1160	0.18	1.63	2.0	44.8	1250	17.1
W591249		13.25	0.17	1.4	0.048	1.74	25.4	15.9	2.03	773	9.45	0.76	5.2	61.9	720	127.5
W591250		14.05	0.18	1.5	0.053	1.86	27.5	49.7	1.62	681	9.93	0.40	5.7	65.2	720	91.2
W591339		15.55	0.18	1.4	0.048	1.72	24.2	20.7	3.05	645	7.42	0.73	2.6	32.8	1000	11.3
W591340		18.40	0.20	1.1	0.062	2.32	29.3	25.6	2.56	438	4.49	0.78	4.1	24.3	630	10.2



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197103**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
W591237		8.9	<0.002	0.03	2.13	18.3	1	1.1	160.0	<0.05	<0.05	2.91	0.092	3.68	3.1	250
W591238		11.6	0.005	0.50	0.53	20.7	1	0.8	107.5	0.11	<0.05	2.42	0.302	0.75	2.0	251
W591239		14.6	0.009	0.36	0.68	19.1	1	1.0	105.5	0.12	<0.05	3.45	0.248	0.94	5.3	220
W591240		17.4	0.003	0.41	0.65	18.5	1	0.9	136.0	0.11	<0.05	2.20	0.278	1.14	2.2	234
W591241		22.8	0.002	0.38	0.60	19.7	1	1.0	130.5	0.10	<0.05	2.68	0.284	1.15	2.1	239
W591242		27.4	0.003	0.88	0.99	22.0	1	1.0	151.5	0.18	<0.05	2.92	0.376	1.16	2.4	245
W591243		20.9	0.003	0.77	0.89	19.0	1	1.0	129.5	0.17	<0.05	2.31	0.379	1.30	3.2	234
W591244		45.6	0.010	0.59	0.20	14.8	3	1.7	79.7	0.20	0.05	9.68	0.134	0.66	5.7	130
W591245		45.7	0.010	0.71	0.20	15.2	4	1.5	120.5	0.16	0.08	9.49	0.176	0.63	6.4	176
W591246		13.8	0.003	0.21	0.30	23.3	1	0.8	122.0	0.09	<0.05	3.25	0.176	0.29	2.4	156
W591247		35.0	0.017	6.31	33.5	12.2	13	7.0	156.0	0.23	0.71	3.31	0.205	2.56	5.6	392
W591248		21.6	<0.002	0.16	0.28	25.0	1	1.0	198.0	0.11	<0.05	3.63	0.283	0.39	2.3	170
W591249		46.5	0.018	1.19	0.48	11.4	5	1.7	100.5	0.36	0.11	9.74	0.179	0.72	3.6	137
W591250		59.2	0.014	0.90	1.43	10.5	6	1.8	137.0	0.36	0.14	10.60	0.175	0.95	3.3	138
W591339		47.1	0.016	0.62	0.38	14.5	3	1.3	108.5	0.15	<0.05	7.44	0.143	0.80	3.2	156
W591340		49.1	0.007	0.52	0.24	13.4	2	2.1	90.6	0.27	<0.05	11.55	0.139	0.71	4.9	102



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 Finalized Date: 19- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

CERTIFICATE OF ANALYSIS    WH17197103
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Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Au- ICP21 Au ppm 0.001
W591237		7.1	16.3	133	9.6	0.009
W591238		4.4	9.8	126	5.6	0.002
W591239		1.0	11.7	189	10.4	<0.001
W591240		1.8	10.8	137	4.8	<0.001
W591241		1.9	11.8	138	4.7	<0.001
W591242		1.4	14.8	199	5.8	<0.001
W591243		1.2	11.9	180	5.5	<0.001
W591244		2.0	17.5	151	29.0	0.001
W591245		5.2	14.3	132	37.0	<0.001
W591246		1.6	17.0	211	6.5	<0.001
W591247		7.1	13.1	8250	27.7	1.350
W591248		2.6	18.8	121	2.7	0.001
W591249		1.6	13.2	87	51.9	<0.001
W591250		8.9	13.3	145	54.6	<0.001
W591339		1.4	18.5	159	29.8	<0.001
W591340		1.7	16.4	149	35.8	<0.001



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17197103**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REE's may not be totally soluble in this method.  
 ME- MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
 CRU- 31 CRU- QC LOG- 21 LOG- 23  
 PUL- 31 PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
 Au- ICP21 ME- MS61



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**Account: FECTRI**

**CERTIFICATE WH17203058**

Project: Trident (Squid West)

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid West)

**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ118567		0.29	<0.001	<0.2	2.47	3	<10	190	1.0	<2	0.43	<0.5	16	266	25	2.98
17- S- 004 ZZ118568		0.30	<0.001	<0.2	2.46	3	<10	170	0.9	<2	0.39	<0.5	15	169	20	3.09
17- S- 004 ZZ118569		0.26	<0.001	<0.2	1.90	5	<10	170	0.6	<2	0.35	<0.5	10	40	23	2.77
17- S- 004 ZZ118570		0.34	<0.001	<0.2	2.10	5	<10	170	0.6	<2	0.31	<0.5	11	58	22	2.85
17- S- 004 ZZ118571		0.31	<0.001	0.2	1.82	7	<10	150	<0.5	<2	0.20	0.5	10	46	31	2.51
17- S- 004 ZZ118572		0.34	<0.001	0.2	2.41	9	<10	180	0.9	<2	0.24	<0.5	15	183	35	3.28
17- S- 004 ZZ118573		0.21	<0.001	0.2	1.10	6	<10	140	<0.5	<2	0.18	<0.5	5	18	16	1.61
17- S- 004 ZZ118574		0.18	0.004	0.2	1.44	5	<10	180	<0.5	<2	0.16	<0.5	5	23	19	1.92
17- S- 004 ZZ118575		0.26	0.001	0.2	2.29	6	<10	230	0.8	<2	0.30	<0.5	15	130	37	3.44
17- S- 004 ZZ118576		0.27	0.001	0.2	2.05	5	<10	160	0.6	<2	0.25	<0.5	14	34	45	3.26
17- S- 004 ZZ118577		0.32	<0.001	<0.2	2.70	2	<10	240	1.3	<2	0.36	<0.5	20	31	55	4.26
17- S- 004 ZZ118578		0.29	<0.001	0.5	1.89	5	<10	130	0.5	<2	0.24	<0.5	10	19	62	2.95
17- S- 004 ZZ118579		0.29	0.001	0.3	2.14	6	<10	130	0.7	<2	0.47	<0.5	23	18	86	3.56
17- S- 004 ZZ118580		0.28	<0.001	0.5	1.62	9	<10	120	0.5	2	0.33	<0.5	14	31	37	2.53
17- S- 004 ZZ118581		0.17	0.002	3.0	1.58	34	<10	280	0.7	4	0.16	<0.5	184	29	44	8.03
17- S- 004 ZZ118582		0.38	0.002	0.6	1.83	20	<10	90	<0.5	<2	0.21	<0.5	15	16	70	3.57
17- S- 004 ZZ118583		0.36	0.003	1.1	1.79	17	<10	70	<0.5	3	0.24	<0.5	15	14	59	3.62
17- S- 004 ZZ118584		0.28	0.001	1.7	1.94	8	<10	120	0.5	6	0.20	1.0	19	19	55	2.85
17- S- 004 ZZ118585		0.21	0.002	1.7	1.91	34	<10	130	0.8	7	0.23	<0.5	32	18	63	5.26
17- S- 004 ZZ118586		0.37	<0.001	2.1	2.22	24	<10	110	0.7	7	0.31	<0.5	17	24	51	4.36
17- S- 004 ZZ118587		0.32	0.002	1.5	2.19	30	<10	100	0.7	10	0.36	<0.5	9	18	55	4.24
17- S- 004 ZZ118588		0.23	0.007	1.2	1.44	16	<10	80	<0.5	2	0.21	1.2	16	14	98	2.85
17- S- 004 ZZ118589		0.36	0.007	1.0	2.02	24	<10	60	0.6	4	0.16	1.1	30	13	79	3.98
17- S- 004 ZZ118590		0.30	0.002	<0.2	1.85	7	<10	60	<0.5	<2	0.11	<0.5	19	13	64	2.87
17- S- 004 ZZ118591		0.24	0.004	0.4	1.46	12	<10	100	<0.5	2	0.11	<0.5	8	17	48	2.63
17- S- 004 ZZ118592		0.33	0.005	0.4	2.08	14	<10	40	<0.5	2	0.09	<0.5	8	8	88	3.66
17- S- 004 ZZ118593		Listed, NR														
17- S- 004 ZZ118594		0.29	<0.001	0.2	1.79	10	<10	140	<0.5	<2	0.13	<0.5	8	32	20	2.63
17- S- 004 ZZ118595		0.22	0.004	0.4	1.76	7	<10	200	<0.5	2	0.15	<0.5	6	23	22	2.54
17- S- 004 ZZ118596		0.30	0.007	0.3	1.77	9	<10	140	<0.5	2	0.17	<0.5	10	24	31	2.67
17- S- 004 ZZ118597		0.25	0.002	1.2	1.68	6	<10	190	0.6	<2	0.19	<0.5	6	18	31	2.29
17- S- 004 ZZ118598		0.32	<0.001	0.2	1.96	8	<10	170	<0.5	<2	0.24	<0.5	8	31	29	2.81
17- S- 004 ZZ118599		0.25	0.007	0.3	1.50	7	<10	130	<0.5	<2	0.29	<0.5	7	24	27	2.25
17- S- 004 ZZ118600		0.29	0.006	0.2	1.80	8	<10	140	<0.5	<2	0.18	<0.5	10	28	32	2.73
17- S- 004 ZZ118769		0.33	0.001	<0.2	1.96	4	<10	180	0.6	<2	0.28	<0.5	11	57	21	3.06
17- S- 004 ZZ118770		0.25	0.001	<0.2	1.54	6	<10	110	<0.5	<2	0.15	<0.5	8	24	24	2.57
17- S- 004 ZZ118771		0.28	0.003	0.3	1.57	9	<10	120	<0.5	<2	0.18	0.5	7	23	21	2.34
17- S- 004 ZZ118772		0.14	0.001	0.2	0.96	10	<10	120	<0.5	<2	0.12	0.8	4	15	11	1.84
17- S- 004 ZZ118773		0.17	<0.001	0.3	0.46	<2	<10	130	<0.5	<2	0.12	0.7	1	6	12	0.54
17- S- 004 ZZ118774		0.27	0.004	0.2	0.94	8	<10	90	<0.5	<2	0.08	<0.5	4	12	11	1.61



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
17- S- 004 ZZ118567		10	<1	0.60	20	2.61	1020	<1	0.02	43	830	38	0.02	<2	9	18
17- S- 004 ZZ118568		10	<1	0.69	30	2.27	793	<1	0.02	45	950	37	0.02	<2	7	22
17- S- 004 ZZ118569		10	<1	0.45	40	1.52	1000	<1	0.02	31	1060	51	0.02	<2	3	22
17- S- 004 ZZ118570		10	<1	0.50	40	1.63	742	<1	0.02	37	900	54	0.01	<2	4	22
17- S- 004 ZZ118571		<10	<1	0.14	30	0.94	572	<1	0.02	28	490	109	0.03	<2	3	20
17- S- 004 ZZ118572		10	<1	0.58	40	1.99	785	<1	0.02	57	660	113	0.02	<2	7	18
17- S- 004 ZZ118573		<10	1	0.12	30	0.47	360	1	0.02	12	410	83	0.03	<2	2	19
17- S- 004 ZZ118574		10	<1	0.13	30	0.59	260	1	0.01	19	340	90	0.03	<2	2	19
17- S- 004 ZZ118575		10	1	0.70	40	2.00	846	1	0.01	46	490	64	0.01	<2	7	21
17- S- 004 ZZ118576		10	<1	0.46	10	1.39	669	1	<0.01	20	390	11	0.01	<2	4	18
17- S- 004 ZZ118577		10	1	1.02	10	2.30	1265	1	<0.01	27	700	3	0.01	<2	5	19
17- S- 004 ZZ118578		10	1	0.13	10	0.93	467	1	0.01	14	290	20	0.02	<2	3	18
17- S- 004 ZZ118579		10	<1	0.42	10	1.73	1115	1	<0.01	18	340	18	0.03	<2	4	28
17- S- 004 ZZ118580		10	<1	0.23	10	1.23	873	1	<0.01	17	520	71	0.06	2	3	24
17- S- 004 ZZ118581		10	<1	0.07	20	0.44	6210	4	0.01	14	1390	195	0.07	<2	5	17
17- S- 004 ZZ118582		10	1	0.22	10	1.20	746	1	<0.01	16	420	60	0.03	<2	5	15
17- S- 004 ZZ118583		10	<1	0.25	10	1.20	1135	1	<0.01	13	480	54	0.03	3	5	16
17- S- 004 ZZ118584		10	<1	0.21	20	1.29	2100	1	<0.01	17	460	51	0.04	<2	6	17
17- S- 004 ZZ118585		10	<1	0.37	20	1.40	2400	2	<0.01	14	600	130	0.05	<2	7	16
17- S- 004 ZZ118586		10	1	0.34	10	1.89	1080	1	<0.01	15	530	95	0.03	<2	7	20
17- S- 004 ZZ118587		10	<1	0.40	10	2.07	905	2	<0.01	14	420	122	0.02	<2	7	17
17- S- 004 ZZ118588		<10	<1	0.05	10	0.72	1070	1	<0.01	11	590	248	0.06	<2	2	14
17- S- 004 ZZ118589		10	<1	0.09	<10	1.16	1325	1	<0.01	15	480	514	0.06	<2	3	11
17- S- 004 ZZ118590		<10	<1	0.05	<10	1.03	677	<1	<0.01	15	290	109	0.02	<2	2	10
17- S- 004 ZZ118591		10	<1	0.03	10	0.38	264	1	<0.01	10	230	107	0.02	<2	2	11
17- S- 004 ZZ118592		10	<1	0.08	10	1.61	862	1	<0.01	11	270	258	0.04	<2	1	13
17- S- 004 ZZ118593																
17- S- 004 ZZ118594		10	<1	0.06	20	0.55	311	1	<0.01	18	230	32	0.01	<2	4	15
17- S- 004 ZZ118595		10	<1	0.06	20	0.39	247	1	<0.01	15	480	45	0.03	<2	3	17
17- S- 004 ZZ118596		10	<1	0.06	20	0.53	440	1	<0.01	15	440	41	0.02	<2	3	16
17- S- 004 ZZ118597		10	1	0.08	40	0.44	189	1	0.01	13	760	34	0.08	<2	3	19
17- S- 004 ZZ118598		10	<1	0.06	20	0.67	314	1	<0.01	19	240	41	0.01	<2	4	20
17- S- 004 ZZ118599		10	1	0.07	10	0.56	316	1	0.01	15	300	27	0.02	<2	3	24
17- S- 004 ZZ118600		10	<1	0.07	20	0.67	472	1	<0.01	18	420	45	0.02	<2	4	17
17- S- 004 ZZ118769		10	<1	0.29	30	1.34	671	1	<0.01	32	570	40	0.02	<2	4	21
17- S- 004 ZZ118770		10	<1	0.27	30	0.85	616	1	<0.01	19	370	93	0.01	<2	2	15
17- S- 004 ZZ118771		10	<1	0.10	30	0.47	372	2	<0.01	18	570	241	0.02	<2	3	19
17- S- 004 ZZ118772		10	<1	0.06	20	0.18	282	1	<0.01	7	370	217	0.02	2	1	17
17- S- 004 ZZ118773		<10	<1	0.06	30	0.04	57	1	<0.01	3	270	136	0.03	<2	<1	18
17- S- 004 ZZ118774		<10	<1	0.08	50	0.20	406	2	<0.01	8	210	270	0.02	<2	1	13



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
17-S-004 ZZ118567		<20	0.12	<10	<10	58	<10	113
17-S-004 ZZ118568		<20	0.16	<10	<10	51	<10	123
17-S-004 ZZ118569		20	0.10	<10	<10	25	<10	144
17-S-004 ZZ118570		<20	0.13	<10	<10	32	<10	215
17-S-004 ZZ118571		<20	0.09	<10	<10	40	<10	248
17-S-004 ZZ118572		<20	0.15	<10	<10	57	<10	328
17-S-004 ZZ118573		<20	0.07	<10	<10	25	<10	114
17-S-004 ZZ118574		<20	0.08	<10	<10	29	<10	117
17-S-004 ZZ118575		<20	0.14	<10	<10	52	<10	227
17-S-004 ZZ118576		<20	0.13	<10	<10	54	<10	106
17-S-004 ZZ118577		<20	0.15	10	<10	62	<10	111
17-S-004 ZZ118578		<20	0.10	<10	<10	58	<10	85
17-S-004 ZZ118579		<20	0.12	<10	<10	63	<10	121
17-S-004 ZZ118580		<20	0.08	<10	<10	47	<10	207
17-S-004 ZZ118581		<20	0.06	<10	<10	60	<10	174
17-S-004 ZZ118582		<20	0.10	<10	<10	54	<10	191
17-S-004 ZZ118583		<20	0.09	<10	<10	51	<10	243
17-S-004 ZZ118584		<20	0.11	<10	<10	53	<10	270
17-S-004 ZZ118585		<20	0.11	<10	<10	66	<10	237
17-S-004 ZZ118586		<20	0.14	<10	<10	79	<10	290
17-S-004 ZZ118587		<20	0.12	<10	<10	67	<10	315
17-S-004 ZZ118588		<20	0.04	<10	<10	40	<10	397
17-S-004 ZZ118589		<20	0.06	<10	<10	44	<10	795
17-S-004 ZZ118590		<20	0.05	<10	<10	35	<10	326
17-S-004 ZZ118591		<20	0.07	<10	<10	57	<10	175
17-S-004 ZZ118592		<20	0.07	<10	<10	38	<10	407
17-S-004 ZZ118593								
17-S-004 ZZ118594		<20	0.07	<10	<10	53	<10	61
17-S-004 ZZ118595		<20	0.06	<10	<10	52	<10	63
17-S-004 ZZ118596		<20	0.06	<10	<10	54	<10	89
17-S-004 ZZ118597		<20	0.05	<10	10	46	<10	48
17-S-004 ZZ118598		<20	0.08	<10	<10	60	<10	81
17-S-004 ZZ118599		<20	0.07	<10	<10	48	<10	77
17-S-004 ZZ118600		<20	0.08	<10	<10	56	<10	96
17-S-004 ZZ118769		<20	0.14	<10	<10	43	<10	102
17-S-004 ZZ118770		<20	0.11	<10	<10	34	<10	278
17-S-004 ZZ118771		<20	0.07	<10	<10	41	<10	249
17-S-004 ZZ118772		<20	0.05	<10	<10	36	<10	185
17-S-004 ZZ118773		<20	0.01	<10	<10	17	<10	51
17-S-004 ZZ118774		20	0.03	<10	<10	24	<10	171





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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ118775		0.26	0.001	<0.2	0.96	11	<10	70	<0.5	<2	0.07	<0.5	4	14	10	2.24
17- S- 004 ZZ118776		0.23	<0.001	<0.2	0.62	3	<10	90	<0.5	<2	0.07	<0.5	2	8	14	0.76
17- S- 004 ZZ118777		0.26	0.004	0.4	2.11	9	<10	100	<0.5	<2	0.31	<0.5	13	20	58	3.12
17- S- 004 ZZ118778		0.28	0.001	0.7	1.49	5	<10	140	0.5	<2	0.22	<0.5	9	15	63	3.00
17- S- 004 ZZ118779		0.31	<0.001	0.6	2.30	<2	<10	130	0.5	<2	0.45	<0.5	16	28	84	3.51
17- S- 004 ZZ118780		0.25	0.003	0.5	2.22	7	<10	140	0.6	<2	0.44	<0.5	24	32	111	3.49
17- S- 004 ZZ118781		0.32	0.004	0.2	2.38	7	<10	110	0.6	3	0.24	<0.5	21	27	65	3.63
17- S- 004 ZZ118782		0.29	0.001	0.5	2.23	8	<10	120	0.7	<2	0.87	<0.5	22	16	176	3.42
17- S- 004 ZZ118783		0.33	0.004	0.6	2.62	11	<10	100	0.9	2	0.31	<0.5	15	39	111	3.81
17- S- 004 ZZ118784		0.33	0.001	0.4	2.29	9	<10	120	0.6	<2	0.42	<0.5	20	52	65	3.92
17- S- 004 ZZ118785		0.35	<0.001	0.8	2.47	9	<10	70	0.8	3	0.31	<0.5	21	177	26	3.60
17- S- 004 ZZ118786		0.31	<0.001	1.5	0.94	8	<10	40	<0.5	3	0.19	<0.5	3	20	16	1.49
17- S- 004 ZZ118787		0.22	0.002	1.9	1.42	13	<10	60	0.5	3	0.22	<0.5	9	75	29	2.48
17- S- 004 ZZ118788		0.28	0.004	1.9	2.28	22	<10	50	0.5	4	0.26	<0.5	21	26	55	4.44
17- S- 004 ZZ118789		0.24	0.001	1.4	1.76	14	<10	90	0.5	6	0.38	<0.5	11	41	30	3.04
17- S- 004 ZZ118790		0.27	0.006	0.6	1.87	14	<10	70	0.5	4	0.36	<0.5	11	73	21	3.08
17- S- 004 ZZ118791		0.38	0.002	0.9	2.30	14	<10	90	0.9	3	0.20	<0.5	21	25	100	3.74
17- S- 004 ZZ118792		0.32	0.003	1.5	2.48	8	<10	70	1.0	2	0.16	<0.5	14	83	84	3.64
17- S- 004 ZZ118793		0.30	0.003	0.2	2.41	27	<10	50	0.8	2	0.10	<0.5	39	9	170	5.48
17- S- 004 ZZ118794		0.26	0.002	1.2	2.33	11	<10	90	0.5	4	0.11	0.7	18	21	92	3.96
17- S- 004 ZZ118795		0.34	0.001	0.7	1.87	14	<10	60	0.5	2	0.15	<0.5	19	10	75	3.29
17- S- 004 ZZ118796		0.21	0.002	0.3	1.75	8	<10	90	0.7	<2	0.22	<0.5	12	12	41	2.92
17- S- 004 ZZ118797		0.29	0.002	<0.2	1.89	8	<10	140	<0.5	<2	0.18	<0.5	11	25	34	2.75
17- S- 004 ZZ118798		0.24	<0.001	0.3	2.00	5	<10	160	0.5	2	0.39	<0.5	13	57	35	2.91
17- S- 004 ZZ118799		0.32	0.003	0.6	2.12	7	<10	130	0.5	<2	0.34	<0.5	11	24	95	3.14
17- S- 004 ZZ118800		0.34	0.005	0.5	2.10	6	<10	160	0.5	<2	0.24	<0.5	14	43	56	2.98
17- S- 004 ZZ118826		0.19	0.001	0.2	1.80	5	<10	160	<0.5	<2	0.37	<0.5	20	53	29	2.99
17- S- 004 ZZ118827		0.22	0.008	0.4	2.12	6	<10	190	0.6	<2	0.75	<0.5	17	48	37	3.42
17- S- 004 ZZ118828		0.36	0.005	<0.2	1.78	6	<10	90	<0.5	<2	0.31	<0.5	17	43	26	2.89
17- S- 004 ZZ118829		0.29	<0.001	<0.2	2.04	6	<10	110	0.6	<2	0.44	<0.5	19	44	38	3.38
17- S- 004 ZZ118830		0.37	0.001	0.2	2.01	6	<10	120	0.6	<2	0.49	<0.5	14	48	37	3.09
17- S- 004 ZZ118831		0.31	<0.001	0.3	1.47	6	<10	90	0.5	<2	0.37	<0.5	10	27	41	2.42
17- S- 004 ZZ118832		0.31	0.004	0.3	2.03	7	<10	130	0.6	2	0.34	<0.5	19	89	38	3.38
17- S- 004 ZZ118833		0.32	0.002	0.2	2.04	5	<10	130	0.5	<2	0.34	<0.5	16	55	39	3.29
17- S- 004 ZZ118834		0.23	<0.001	0.3	1.84	7	<10	210	<0.5	<2	0.31	<0.5	13	67	30	2.79
17- S- 004 ZZ118835		0.20	0.005	0.3	1.58	6	<10	140	<0.5	<2	0.27	<0.5	9	32	30	2.54
17- S- 004 ZZ118836		0.29	<0.001	0.2	1.62	6	<10	140	<0.5	<2	0.17	<0.5	9	21	30	2.63
17- S- 004 ZZ118837		0.29	0.009	0.2	1.53	7	<10	120	<0.5	2	0.14	<0.5	9	21	25	2.35
17- S- 004 ZZ118838		0.25	0.006	0.2	1.17	4	<10	120	<0.5	<2	0.13	<0.5	6	15	19	1.62
17- S- 004 ZZ118839		0.34	0.010	0.2	0.92	6	<10	80	<0.5	2	0.10	<0.5	7	14	22	1.67



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
17- S- 004 ZZ118775		<10	1	0.08	40	0.28	286	4	<0.01	9	280	110	0.04	<2	1	16
17- S- 004 ZZ118776		<10	<1	0.06	30	0.06	57	1	<0.01	5	660	83	0.02	<2	<1	14
17- S- 004 ZZ118777		10	<1	0.15	10	1.47	519	1	<0.01	16	430	11	0.02	<2	3	20
17- S- 004 ZZ118778		10	<1	0.09	20	0.33	662	1	<0.01	10	600	12	0.03	<2	6	15
17- S- 004 ZZ118779		10	<1	0.08	10	1.62	692	1	<0.01	19	560	205	0.05	<2	3	23
17- S- 004 ZZ118780		10	<1	0.08	10	1.29	1295	1	<0.01	25	550	133	0.05	<2	4	23
17- S- 004 ZZ118781		10	<1	0.14	10	1.41	839	1	<0.01	22	250	38	0.02	<2	4	19
17- S- 004 ZZ118782		10	<1	0.18	10	1.60	1500	1	0.01	22	590	29	0.07	<2	3	33
17- S- 004 ZZ118783		10	1	0.12	10	1.69	672	1	<0.01	24	440	69	0.05	<2	6	23
17- S- 004 ZZ118784		10	1	0.26	10	1.62	867	1	<0.01	26	480	54	0.05	<2	4	26
17- S- 004 ZZ118785		10	<1	0.32	20	2.48	1210	1	<0.01	58	480	106	0.04	<2	6	20
17- S- 004 ZZ118786		<10	<1	0.12	20	0.53	359	1	<0.01	10	590	125	0.04	<2	2	16
17- S- 004 ZZ118787		10	1	0.27	20	1.10	555	2	<0.01	27	670	81	0.06	<2	3	22
17- S- 004 ZZ118788		10	<1	0.23	10	1.81	1330	2	<0.01	17	470	50	0.04	<2	3	16
17- S- 004 ZZ118789		10	<1	0.37	10	1.28	563	1	<0.01	31	740	87	0.04	<2	3	32
17- S- 004 ZZ118790		10	<1	0.34	10	1.69	758	1	<0.01	34	630	49	0.03	<2	3	26
17- S- 004 ZZ118791		10	<1	0.46	10	1.79	891	1	<0.01	20	270	65	0.03	<2	4	22
17- S- 004 ZZ118792		10	1	0.37	10	2.37	1040	1	<0.01	25	440	143	0.03	<2	5	13
17- S- 004 ZZ118793		10	<1	0.28	<10	1.58	2280	1	<0.01	10	370	41	0.07	<2	4	11
17- S- 004 ZZ118794		10	<1	0.05	10	0.82	731	1	<0.01	17	390	145	0.03	<2	2	12
17- S- 004 ZZ118795		<10	<1	0.19	20	1.15	813	1	<0.01	13	220	87	0.05	<2	2	12
17- S- 004 ZZ118796		10	1	0.29	10	1.06	672	1	<0.01	12	320	57	0.03	<2	2	14
17- S- 004 ZZ118797		10	1	0.06	20	0.66	545	1	<0.01	17	350	40	0.02	<2	4	16
17- S- 004 ZZ118798		10	1	0.10	20	1.31	975	1	<0.01	26	630	37	0.04	<2	5	24
17- S- 004 ZZ118799		10	<1	0.17	20	1.10	535	1	<0.01	17	480	35	0.04	<2	7	19
17- S- 004 ZZ118800		10	<1	0.10	20	1.11	644	<1	<0.01	21	520	48	0.03	<2	5	22
17- S- 004 ZZ118826		10	1	0.23	20	1.43	1805	1	0.01	27	560	31	0.06	<2	3	32
17- S- 004 ZZ118827		10	1	0.32	20	1.62	1325	1	0.01	24	560	19	0.06	<2	4	37
17- S- 004 ZZ118828		10	<1	0.22	20	1.27	803	1	<0.01	21	460	21	0.02	<2	3	22
17- S- 004 ZZ118829		10	<1	0.32	10	1.56	1335	1	<0.01	23	720	19	0.04	<2	4	27
17- S- 004 ZZ118830		10	1	0.47	20	1.71	930	1	<0.01	29	580	25	0.03	<2	4	28
17- S- 004 ZZ118831		10	<1	0.26	50	0.96	662	1	<0.01	21	500	41	0.02	<2	3	20
17- S- 004 ZZ118832		10	1	0.25	10	1.59	989	1	<0.01	29	520	31	0.02	<2	5	20
17- S- 004 ZZ118833		10	<1	0.11	10	1.40	1000	<1	0.01	24	360	30	0.02	<2	4	20
17- S- 004 ZZ118834		10	1	0.10	30	1.15	637	1	<0.01	26	350	32	0.03	<2	4	20
17- S- 004 ZZ118835		10	<1	0.12	10	0.87	459	1	0.01	16	260	22	0.03	<2	3	20
17- S- 004 ZZ118836		10	1	0.11	20	0.76	517	1	<0.01	13	260	28	0.03	<2	3	14
17- S- 004 ZZ118837		10	<1	0.07	20	0.59	370	1	<0.01	14	280	39	0.04	<2	2	14
17- S- 004 ZZ118838		<10	<1	0.06	30	0.53	394	1	<0.01	10	360	37	0.03	<2	2	13
17- S- 004 ZZ118839		<10	<1	0.07	30	0.30	549	2	<0.01	9	310	55	0.03	<2	1	12



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
17-S-004 ZZ118775		20	0.06	<10	<10	32	<10	92
17-S-004 ZZ118776		<20	0.01	<10	<10	16	<10	42
17-S-004 ZZ118777		<20	0.08	<10	<10	50	<10	76
17-S-004 ZZ118778		<20	0.04	<10	<10	34	<10	45
17-S-004 ZZ118779		<20	0.07	<10	<10	58	<10	319
17-S-004 ZZ118780		<20	0.08	<10	<10	65	<10	191
17-S-004 ZZ118781		<20	0.11	<10	<10	69	<10	98
17-S-004 ZZ118782		<20	0.07	<10	<10	51	<10	132
17-S-004 ZZ118783		<20	0.10	<10	<10	78	<10	217
17-S-004 ZZ118784		<20	0.11	<10	<10	70	<10	160
17-S-004 ZZ118785		<20	0.11	<10	<10	56	<10	308
17-S-004 ZZ118786		<20	0.05	<10	<10	20	<10	108
17-S-004 ZZ118787		<20	0.09	<10	<10	33	<10	165
17-S-004 ZZ118788		<20	0.08	<10	<10	67	<10	293
17-S-004 ZZ118789		<20	0.11	<10	<10	37	<10	159
17-S-004 ZZ118790		<20	0.14	<10	<10	41	<10	166
17-S-004 ZZ118791		<20	0.11	<10	<10	57	<10	347
17-S-004 ZZ118792		<20	0.10	<10	<10	56	<10	519
17-S-004 ZZ118793		<20	0.10	<10	<10	58	<10	212
17-S-004 ZZ118794		<20	0.08	<10	<10	53	<10	660
17-S-004 ZZ118795		<20	0.08	<10	<10	38	<10	350
17-S-004 ZZ118796		<20	0.11	<10	<10	53	<10	160
17-S-004 ZZ118797		<20	0.08	<10	<10	54	<10	92
17-S-004 ZZ118798		<20	0.09	<10	<10	49	<10	120
17-S-004 ZZ118799		<20	0.07	<10	<10	54	<10	118
17-S-004 ZZ118800		<20	0.09	<10	<10	59	<10	126
17-S-004 ZZ118826		<20	0.12	<10	<10	43	<10	123
17-S-004 ZZ118827		<20	0.12	10	<10	51	<10	126
17-S-004 ZZ118828		<20	0.10	<10	<10	41	<10	92
17-S-004 ZZ118829		<20	0.12	<10	<10	53	<10	93
17-S-004 ZZ118830		<20	0.14	<10	<10	44	<10	106
17-S-004 ZZ118831		<20	0.08	<10	<10	28	<10	79
17-S-004 ZZ118832		<20	0.11	<10	<10	56	<10	108
17-S-004 ZZ118833		<20	0.12	<10	<10	58	<10	108
17-S-004 ZZ118834		<20	0.09	<10	<10	50	<10	88
17-S-004 ZZ118835		<20	0.10	<10	<10	52	<10	78
17-S-004 ZZ118836		<20	0.09	<10	<10	54	<10	71
17-S-004 ZZ118837		<20	0.07	<10	<10	46	<10	63
17-S-004 ZZ118838		<20	0.06	<10	<10	30	<10	52
17-S-004 ZZ118839		<20	0.05	<10	<10	28	<10	44



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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ118840		0.26	0.007	<0.2	1.21	7	<10	80	<0.5	<2	0.09	<0.5	6	16	22	2.05
17- S- 004 ZZ118841		0.25	<0.001	0.5	0.98	5	<10	60	<0.5	<2	0.06	<0.5	4	14	10	1.67
17- S- 004 ZZ118842		0.36	0.003	0.2	0.97	6	<10	80	<0.5	<2	0.16	<0.5	3	15	12	1.56
17- S- 004 ZZ118843		0.33	0.007	<0.2	1.67	7	<10	90	<0.5	<2	0.14	<0.5	9	29	19	2.56
17- S- 004 ZZ118844		0.32	<0.001	<0.2	1.21	8	<10	70	<0.5	<2	0.09	<0.5	7	18	12	1.78
17- S- 004 ZZ118845		0.33	0.002	0.2	1.72	7	<10	90	<0.5	<2	0.30	0.5	13	65	25	2.77
17- S- 004 ZZ118846		0.24	0.001	<0.2	1.92	6	<10	130	0.7	<2	1.01	<0.5	15	79	32	2.87
17- S- 004 ZZ118847		0.33	<0.001	<0.2	1.31	5	<10	100	<0.5	<2	0.71	<0.5	15	22	25	2.49
17- S- 004 ZZ118848		0.15	<0.001	0.2	1.54	5	<10	140	0.5	<2	0.71	<0.5	17	42	28	2.95
17- S- 004 ZZ118849		0.39	0.002	<0.2	1.65	6	<10	140	0.5	<2	0.41	<0.5	13	26	31	2.92
17- S- 004 ZZ118850		0.33	<0.001	<0.2	1.94	6	<10	150	0.7	2	0.37	<0.5	16	44	57	3.49
17- S- 004 ZZ118851		0.33	0.001	<0.2	1.88	7	<10	120	0.5	<2	0.25	<0.5	12	15	88	3.30
17- S- 004 ZZ118852		0.40	0.001	<0.2	1.94	8	<10	130	0.8	<2	0.28	<0.5	12	24	63	3.34
17- S- 004 ZZ118853		0.28	0.001	0.3	1.66	5	<10	160	<0.5	5	0.44	<0.5	18	18	35	2.80
17- S- 004 ZZ118854		0.31	0.003	<0.2	1.64	9	<10	120	<0.5	<2	0.20	<0.5	5	24	17	2.53
17- S- 004 ZZ118855		0.21	0.002	<0.2	1.00	7	<10	120	<0.5	<2	0.18	<0.5	4	17	13	2.09
17- S- 004 ZZ118856		0.52	0.005	<0.2	1.46	9	<10	140	<0.5	<2	0.22	<0.5	6	23	23	2.64
17- S- 004 ZZ118857		0.49	0.008	0.2	1.23	8	<10	120	<0.5	<2	0.19	<0.5	5	20	16	2.21
17- S- 004 ZZ118858		0.23	0.002	<0.2	0.60	3	<10	40	<0.5	<2	0.04	<0.5	1	8	12	1.19
17- S- 004 ZZ118859		0.36	0.005	<0.2	1.37	6	<10	80	<0.5	<2	0.05	<0.5	3	15	12	1.84
17- S- 004 ZZ118860		0.39	0.001	<0.2	1.46	9	<10	90	<0.5	<2	0.06	<0.5	5	17	12	2.46
17- S- 004 ZZ118861		0.37	0.001	<0.2	1.68	9	<10	130	<0.5	2	0.14	<0.5	6	24	19	2.57
17- S- 004 ZZ118862		0.27	<0.001	0.2	1.50	7	<10	90	<0.5	<2	0.16	<0.5	6	22	17	2.31
17- S- 004 ZZ118863		0.28	0.027	<0.2	1.64	9	<10	100	<0.5	<2	0.13	<0.5	6	23	17	2.52
17- S- 004 ZZ118864		0.26	0.008	0.8	1.16	10	<10	100	<0.5	<2	0.18	<0.5	5	16	19	2.22
17- S- 004 ZZ118865		0.40	0.004	0.6	1.36	12	<10	80	<0.5	<2	0.11	<0.5	6	18	21	2.19
17- S- 004 ZZ118866		0.28	<0.001	0.5	1.59	13	<10	150	<0.5	2	0.17	<0.5	12	24	27	2.82
17- S- 004 ZZ118867		0.41	<0.001	0.7	1.82	12	<10	80	0.5	4	0.21	<0.5	16	24	62	3.19
17- S- 004 ZZ118868		0.38	0.001	1.1	1.89	13	<10	100	0.5	2	0.24	0.5	16	33	78	3.30
17- S- 004 ZZ118869		0.40	0.012	1.0	1.82	11	<10	70	0.5	3	0.16	<0.5	9	19	38	2.96
17- S- 004 ZZ118870		0.47	0.004	0.6	1.57	10	<10	80	<0.5	<2	0.17	<0.5	7	23	22	2.36
17- S- 004 ZZ118871		0.29	<0.001	<0.2	1.96	8	<10	160	0.5	<2	0.22	<0.5	13	24	57	3.06
17- S- 004 ZZ118872		0.36	0.002	0.3	2.16	6	<10	170	0.7	<2	0.25	<0.5	13	27	47	3.08
17- S- 004 ZZ118873		0.27	0.001	<0.2	1.75	7	<10	170	0.5	<2	0.21	<0.5	10	37	29	2.53
17- S- 004 ZZ118874		0.30	<0.001	<0.2	2.05	7	<10	170	0.5	2	0.20	<0.5	11	33	38	2.94
17- S- 004 ZZ118875		0.30	0.007	<0.2	2.09	4	<10	200	0.8	2	0.20	<0.5	11	24	36	2.98
17- S- 004 ZZ118876		0.26	0.005	<0.2	1.80	5	<10	130	<0.5	2	0.17	<0.5	6	45	19	2.25
17- S- 004 ZZ118877		0.30	0.001	0.2	2.18	6	<10	190	0.5	<2	0.43	<0.5	15	36	46	3.04
17- S- 004 ZZ118878		0.37	0.004	<0.2	2.73	4	<10	210	1.0	<2	0.30	<0.5	19	21	61	3.89
17- S- 004 ZZ118879		0.31	0.006	0.4	1.52	8	<10	110	<0.5	<2	0.15	<0.5	5	23	14	1.94



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
17-S-004 ZZ118840		<10	<1	0.20	40	0.66	430	2	0.01	14	350	110	0.10	<2	2	38
17-S-004 ZZ118841		<10	<1	0.06	10	0.29	230	2	0.01	9	220	70	0.03	<2	1	10
17-S-004 ZZ118842		<10	1	0.07	20	0.39	185	2	0.01	11	210	73	0.03	<2	1	19
17-S-004 ZZ118843		10	<1	0.09	30	0.73	367	2	0.01	21	250	97	0.04	<2	2	22
17-S-004 ZZ118844		<10	<1	0.09	20	0.31	1070	2	0.01	12	200	36	0.02	<2	1	11
17-S-004 ZZ118845		10	<1	0.08	30	1.36	638	1	0.02	37	540	175	0.05	<2	3	27
17-S-004 ZZ118846		10	<1	0.21	40	1.70	724	1	0.02	46	700	92	0.07	2	4	44
17-S-004 ZZ118847		<10	1	0.13	30	0.95	900	<1	0.02	21	850	46	0.04	2	2	26
17-S-004 ZZ118848		<10	<1	0.17	30	1.01	919	<1	0.02	31	670	47	0.03	<2	4	26
17-S-004 ZZ118849		<10	<1	0.25	30	0.95	751	1	0.01	22	440	36	0.02	<2	4	21
17-S-004 ZZ118850		10	<1	0.33	20	1.48	1020	<1	0.01	25	490	72	0.01	<2	6	16
17-S-004 ZZ118851		<10	<1	0.19	10	1.24	868	1	0.01	16	410	45	0.01	<2	5	20
17-S-004 ZZ118852		<10	<1	0.36	20	1.32	951	1	0.01	18	420	62	0.01	<2	5	22
17-S-004 ZZ118853		<10	<1	0.19	10	1.05	1590	1	0.01	14	450	34	0.04	<2	3	26
17-S-004 ZZ118854		<10	<1	0.05	10	0.40	127	1	0.01	15	490	20	0.03	<2	3	17
17-S-004 ZZ118855		<10	<1	0.05	20	0.24	84	1	0.01	10	720	16	0.07	<2	2	18
17-S-004 ZZ118856		<10	<1	0.07	30	0.41	137	2	0.01	15	500	34	0.02	2	3	18
17-S-004 ZZ118857		<10	<1	0.07	30	0.39	145	2	0.01	13	350	58	0.03	<2	2	20
17-S-004 ZZ118858		<10	<1	0.03	10	0.05	57	1	0.02	3	190	12	0.03	<2	1	8
17-S-004 ZZ118859		10	<1	0.04	20	0.14	88	2	0.01	6	140	23	0.02	<2	2	10
17-S-004 ZZ118860		<10	<1	0.10	30	0.21	154	2	0.01	12	270	53	0.11	2	2	13
17-S-004 ZZ118861		10	<1	0.07	20	0.32	248	2	0.01	15	410	32	0.04	3	2	15
17-S-004 ZZ118862		<10	<1	0.07	20	0.35	136	2	0.01	13	450	50	0.04	2	2	15
17-S-004 ZZ118863		10	<1	0.06	20	0.32	228	1	0.01	14	400	28	0.06	2	2	14
17-S-004 ZZ118864		<10	<1	0.08	40	0.25	311	3	0.01	11	400	60	0.07	3	1	21
17-S-004 ZZ118865		<10	<1	0.07	30	0.30	312	2	0.01	13	330	94	0.03	<2	2	12
17-S-004 ZZ118866		<10	1	0.06	20	0.44	895	1	0.01	15	380	125	0.02	<2	3	16
17-S-004 ZZ118867		10	<1	0.20	10	1.30	1050	1	0.01	16	430	117	0.03	<2	4	15
17-S-004 ZZ118868		10	<1	0.20	20	1.27	971	1	0.01	21	470	207	0.05	2	4	16
17-S-004 ZZ118869		10	1	0.14	20	1.23	559	1	0.01	12	470	141	0.03	2	3	14
17-S-004 ZZ118870		<10	<1	0.16	20	0.80	375	2	0.01	12	370	151	0.02	4	3	16
17-S-004 ZZ118871		<10	<1	0.08	20	0.96	918	1	0.01	18	280	44	0.01	<2	4	19
17-S-004 ZZ118872		10	<1	0.25	20	1.19	722	<1	0.01	19	430	55	0.02	<2	4	22
17-S-004 ZZ118873		<10	<1	0.13	30	0.87	474	<1	0.01	20	340	90	0.01	3	4	20
17-S-004 ZZ118874		<10	<1	0.12	20	1.03	552	1	0.01	21	360	89	0.01	3	4	18
17-S-004 ZZ118875		10	<1	0.48	20	1.23	662	1	0.01	15	300	36	0.01	<2	3	20
17-S-004 ZZ118876		10	<1	0.10	30	0.73	253	1	0.01	20	360	62	0.02	3	3	17
17-S-004 ZZ118877		10	<1	0.10	10	1.20	939	1	0.01	21	420	22	0.03	<2	5	28
17-S-004 ZZ118878		10	<1	0.30	10	1.68	825	<1	0.01	18	420	15	0.03	<2	6	21
17-S-004 ZZ118879		<10	<1	0.06	20	0.38	122	1	0.01	12	510	40	0.04	2	2	15



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Th	Ti	Ti	U	V	W	
	Units	ppm	%	ppm	ppm	ppm	ppm	
LOR		20	0.01	10	10	1	10	
Zn							2	
17-S-004 ZZ118840		20	0.10	<10	<10	23	<10	116
17-S-004 ZZ118841		<20	0.07	<10	<10	36	<10	57
17-S-004 ZZ118842		<20	0.06	<10	<10	27	<10	77
17-S-004 ZZ118843		<20	0.09	<10	<10	36	<10	109
17-S-004 ZZ118844		20	0.05	<10	<10	33	<10	68
17-S-004 ZZ118845		<20	0.09	<10	<10	35	<10	244
17-S-004 ZZ118846		<20	0.08	<10	<10	35	<10	167
17-S-004 ZZ118847		<20	0.04	<10	<10	20	<10	110
17-S-004 ZZ118848		<20	0.07	<10	<10	34	<10	118
17-S-004 ZZ118849		20	0.08	<10	<10	35	<10	114
17-S-004 ZZ118850		<20	0.09	<10	<10	52	<10	160
17-S-004 ZZ118851		<20	0.06	<10	<10	44	<10	155
17-S-004 ZZ118852		<20	0.10	<10	<10	52	<10	178
17-S-004 ZZ118853		<20	0.08	<10	<10	48	<10	124
17-S-004 ZZ118854		<20	0.07	<10	<10	57	<10	47
17-S-004 ZZ118855		<20	0.04	<10	<10	29	<10	31
17-S-004 ZZ118856		20	0.08	<10	<10	47	<10	51
17-S-004 ZZ118857		20	0.08	<10	<10	42	<10	51
17-S-004 ZZ118858		<20	0.06	<10	<10	37	<10	19
17-S-004 ZZ118859		<20	0.09	<10	<10	68	<10	30
17-S-004 ZZ118860		20	0.05	<10	<10	34	<10	35
17-S-004 ZZ118861		<20	0.07	<10	<10	56	<10	45
17-S-004 ZZ118862		20	0.07	<10	<10	40	<10	42
17-S-004 ZZ118863		<20	0.08	<10	<10	55	<10	41
17-S-004 ZZ118864		<20	0.04	<10	<10	30	<10	79
17-S-004 ZZ118865		<20	0.05	<10	<10	33	<10	93
17-S-004 ZZ118866		<20	0.06	<10	<10	52	<10	100
17-S-004 ZZ118867		<20	0.09	<10	<10	45	<10	299
17-S-004 ZZ118868		<20	0.09	<10	<10	48	<10	449
17-S-004 ZZ118869		<20	0.07	<10	<10	43	<10	306
17-S-004 ZZ118870		20	0.07	<10	<10	34	<10	164
17-S-004 ZZ118871		<20	0.07	<10	<10	49	<10	117
17-S-004 ZZ118872		<20	0.10	<10	<10	57	<10	157
17-S-004 ZZ118873		<20	0.10	<10	<10	43	<10	134
17-S-004 ZZ118874		<20	0.09	<10	<10	50	<10	135
17-S-004 ZZ118875		<20	0.13	<10	<10	57	<10	103
17-S-004 ZZ118876		<20	0.09	<10	<10	44	<10	99
17-S-004 ZZ118877		<20	0.10	<10	<10	59	<10	94
17-S-004 ZZ118878		<20	0.13	<10	<10	74	<10	117
17-S-004 ZZ118879		<20	0.06	<10	<10	38	<10	56



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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ118880		0.39	0.001	0.6	1.48	7	<10	110	<0.5	<2	0.20	<0.5	8	19	30	2.48
17- S- 004 ZZ118881		0.33	0.007	0.4	1.61	11	<10	140	<0.5	<2	0.16	<0.5	8	23	21	2.43
17- S- 004 ZZ118882		0.30	<0.001	0.2	1.03	6	<10	80	<0.5	2	0.14	<0.5	4	15	10	1.40
17- S- 004 ZZ118883		0.30	0.002	0.3	1.12	8	<10	80	<0.5	2	0.15	<0.5	7	17	12	2.04
17- S- 004 ZZ118884		0.35	0.002	0.3	1.49	10	<10	110	<0.5	<2	0.23	<0.5	6	18	18	2.15
17- S- 004 ZZ118885		0.45	0.011	0.3	1.34	10	<10	80	<0.5	<2	0.19	<0.5	5	15	31	2.24
17- S- 004 ZZ118886		0.30	0.004	0.4	1.23	11	<10	100	<0.5	<2	0.30	0.9	10	13	52	2.49
17- S- 004 ZZ118887		0.31	0.005	0.6	2.00	16	<10	100	<0.5	4	0.26	0.6	15	16	66	3.12
17- S- 004 ZZ118888		0.29	0.003	0.9	1.67	14	<10	80	<0.5	2	0.30	0.8	16	10	123	3.43
17- S- 004 ZZ118889		0.32	<0.001	0.2	1.89	18	<10	60	<0.5	<2	0.14	<0.5	23	8	105	3.84
17- S- 004 ZZ118890		0.28	0.006	<0.2	1.41	19	<10	50	<0.5	2	0.08	<0.5	17	8	46	3.30
17- S- 004 ZZ118891		0.33	0.007	0.5	2.04	20	<10	120	0.9	3	0.15	0.5	23	17	118	5.39
17- S- 004 ZZ118892		0.30	0.002	0.7	2.35	35	<10	120	0.8	4	0.14	<0.5	21	26	92	5.11
17- S- 004 ZZ118893		0.29	0.003	0.2	2.25	12	<10	130	0.5	2	0.21	<0.5	17	34	52	3.80
17- S- 004 ZZ118894		0.39	0.005	0.8	1.85	34	<10	50	<0.5	3	0.21	0.5	23	10	117	4.26
17- S- 004 ZZ118895		0.29	0.001	0.2	2.33	6	<10	210	0.6	2	0.40	<0.5	20	82	41	3.69
17- S- 004 ZZ118896		0.28	0.004	0.4	2.39	5	<10	170	0.6	2	0.40	<0.5	20	44	37	3.55
17- S- 004 ZZ118897		0.24	0.007	0.2	2.47	5	<10	160	0.7	2	0.45	<0.5	23	27	64	3.71
17- S- 004 ZZ118898		0.20	0.003	0.2	2.22	2	<10	190	0.7	<2	0.50	<0.5	19	21	50	3.44
17- S- 004 ZZ118899		0.35	0.003	<0.2	2.79	3	<10	140	0.9	<2	0.33	<0.5	24	29	63	4.18
17- S- 004 ZZ118900		0.35	0.002	0.3	2.90	3	<10	150	0.9	2	0.42	<0.5	24	23	77	4.22
17- S- 004 ZZ118901		0.21	0.004	0.9	1.63	5	<10	160	0.5	2	0.15	<0.5	7	17	25	2.28
17- S- 004 ZZ118902		0.33	0.003	1.1	3.29	9	<10	220	2.3	7	0.24	<0.5	31	20	154	6.41
17- S- 004 ZZ118903		0.26	0.002	<0.2	2.76	13	<10	180	0.5	2	0.12	<0.5	9	37	22	4.16
17- S- 004 ZZ118904		0.30	0.002	0.3	1.36	17	<10	100	<0.5	2	0.13	1.0	10	13	24	3.07
17- S- 004 ZZ118905		0.21	0.001	0.7	1.70	17	<10	130	<0.5	4	0.12	1.4	10	16	12	2.97
17- S- 004 ZZ118906		0.29	0.008	<0.2	2.98	11	<10	150	0.7	3	0.21	1.2	18	62	21	4.33
17- S- 004 ZZ118907		0.29	0.003	0.2	2.31	7	<10	150	0.5	2	0.23	0.6	13	71	22	3.22
17- S- 004 ZZ118908		0.30	0.021	0.4	1.91	10	<10	190	0.6	2	0.24	0.9	12	49	25	2.99
17- S- 004 ZZ118911		0.38	<0.001	0.3	2.59	3	<10	140	0.7	2	0.36	<0.5	26	22	97	4.32
17- S- 004 ZZ118912		0.25	0.002	0.3	2.42	6	<10	130	0.6	<2	0.30	<0.5	19	23	65	3.79
17- S- 004 ZZ118913		0.33	0.001	0.6	2.30	6	<10	130	0.6	<2	0.31	<0.5	18	21	89	3.49
17- S- 004 ZZ118914		0.32	0.006	0.8	2.05	4	<10	140	0.6	3	0.31	<0.5	21	24	66	3.39
17- S- 004 ZZ118915		0.25	0.004	0.6	2.45	2	<10	120	0.8	3	0.31	<0.5	24	20	63	3.87
17- S- 004 ZZ118916		0.28	0.004	0.3	2.24	2	<10	110	0.6	<2	0.46	<0.5	17	19	39	3.45
17- S- 004 ZZ118917		0.26	0.004	0.6	2.01	<2	<10	100	<0.5	4	0.41	<0.5	12	34	35	2.92
17- S- 004 ZZ118918		0.17	0.007	0.4	1.97	6	<10	130	0.5	2	0.28	<0.5	18	45	34	3.20
17- S- 004 ZZ118919		0.37	0.002	0.3	1.65	13	<10	140	0.5	3	0.21	0.7	13	35	32	2.89
17- S- 004 ZZ118920		0.22	0.001	0.7	1.74	7	<10	110	<0.5	2	0.26	<0.5	13	56	24	2.81
17- S- 004 ZZ118921		0.19	<0.001	<0.2	1.84	3	<10	160	0.6	<2	0.97	1.3	15	64	23	3.03



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
17- S- 004 ZZ118880		<10	<1	0.10	20	0.80	438	1	0.01	13	450	35	0.03	<2	3	17
17- S- 004 ZZ118881		<10	<1	0.07	20	0.42	279	1	0.01	15	400	41	0.03	3	3	16
17- S- 004 ZZ118882		<10	<1	0.06	10	0.27	116	1	0.02	8	410	36	0.04	2	1	13
17- S- 004 ZZ118883		<10	<1	0.08	20	0.34	280	2	0.01	9	510	34	0.05	<2	1	16
17- S- 004 ZZ118884		<10	<1	0.06	10	0.44	151	1	0.01	11	380	51	0.03	<2	2	18
17- S- 004 ZZ118885		<10	<1	0.08	20	0.45	212	2	0.01	12	330	84	0.04	2	2	16
17- S- 004 ZZ118886		<10	<1	0.09	20	0.51	838	2	0.01	12	420	112	0.07	<2	3	24
17- S- 004 ZZ118887		10	1	0.12	10	1.16	563	<1	0.01	16	450	230	0.06	<2	5	21
17- S- 004 ZZ118888		<10	<1	0.10	20	1.06	1040	<1	0.01	10	530	165	0.08	<2	5	17
17- S- 004 ZZ118889		<10	<1	0.18	10	1.37	1520	<1	<0.01	10	350	30	0.04	<2	5	10
17- S- 004 ZZ118890		<10	1	0.14	20	0.77	1090	1	<0.01	5	440	22	0.07	<2	3	11
17- S- 004 ZZ118891		10	<1	0.35	30	1.14	1580	1	0.01	14	560	189	0.16	<2	8	18
17- S- 004 ZZ118892		10	1	0.37	20	1.60	1165	2	0.01	23	570	198	0.27	<2	5	43
17- S- 004 ZZ118893		10	1	0.09	10	1.31	909	1	0.01	17	400	172	0.04	<2	4	18
17- S- 004 ZZ118894		<10	<1	0.08	10	1.26	1075	1	<0.01	13	440	170	0.04	<2	3	15
17- S- 004 ZZ118895		10	1	0.55	20	1.97	1055	1	0.01	31	630	28	0.03	<2	5	32
17- S- 004 ZZ118896		10	<1	0.32	10	1.74	1840	<1	0.01	22	570	23	0.03	<2	5	26
17- S- 004 ZZ118897		10	<1	0.24	10	1.85	1470	<1	0.01	19	480	22	0.04	<2	4	25
17- S- 004 ZZ118898		10	<1	0.21	10	1.55	1450	<1	0.01	16	590	11	0.05	<2	4	30
17- S- 004 ZZ118899		10	1	0.25	10	2.21	1490	<1	0.01	21	350	7	0.02	<2	5	19
17- S- 004 ZZ118900		10	<1	0.49	10	2.40	1280	<1	0.01	22	320	12	0.02	<2	4	18
17- S- 004 ZZ118901		10	<1	0.11	20	0.34	351	1	0.01	10	230	33	0.02	<2	3	18
17- S- 004 ZZ118902		10	<1	1.01	20	2.57	2380	<1	0.01	17	430	88	0.08	<2	13	16
17- S- 004 ZZ118903		10	<1	0.08	10	0.58	266	1	0.01	19	350	26	0.02	<2	4	12
17- S- 004 ZZ118904		<10	<1	0.71	60	1.04	1115	3	<0.01	13	900	935	0.08	<2	1	28
17- S- 004 ZZ118905		<10	1	0.43	50	1.09	1495	5	0.01	14	470	529	0.09	<2	2	30
17- S- 004 ZZ118906		10	<1	0.85	50	2.39	1295	3	0.01	39	770	362	0.04	<2	4	24
17- S- 004 ZZ118907		10	<1	0.31	30	1.39	744	1	0.01	37	490	177	0.03	<2	4	22
17- S- 004 ZZ118908		10	<1	0.30	50	1.15	913	1	0.01	28	710	219	0.03	<2	4	23
17- S- 004 ZZ118911		<10	1	0.44	10	2.20	1570	<1	0.01	20	430	13	0.02	<2	4	22
17- S- 004 ZZ118912		10	1	0.21	10	1.71	1025	<1	0.01	18	270	34	0.02	<2	4	20
17- S- 004 ZZ118913		10	<1	0.19	10	1.53	955	1	0.01	18	470	42	0.03	<2	4	22
17- S- 004 ZZ118914		10	<1	0.25	10	1.40	931	<1	0.01	14	480	33	0.03	<2	3	20
17- S- 004 ZZ118915		10	<1	0.55	10	2.08	1120	<1	0.01	16	460	14	0.02	<2	3	17
17- S- 004 ZZ118916		10	<1	0.45	10	1.83	758	<1	0.01	12	290	13	0.03	3	2	18
17- S- 004 ZZ118917		10	<1	0.33	10	1.70	487	<1	0.01	19	470	20	0.03	2	3	21
17- S- 004 ZZ118918		<10	<1	0.35	30	1.50	1140	1	0.01	27	630	143	0.04	<2	4	23
17- S- 004 ZZ118919		<10	<1	0.32	50	1.13	769	1	0.01	29	590	348	0.08	<2	3	31
17- S- 004 ZZ118920		10	1	0.24	30	1.35	862	1	0.01	30	660	221	0.05	<2	3	22
17- S- 004 ZZ118921		<10	<1	0.64	50	1.66	1325	1	0.01	46	660	118	0.05	<2	3	40





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<b>CERTIFICATE OF ANALYSIS WH17203058</b>
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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
17-S-004 ZZ118880		<20	0.08	<10	<10	47	<10	110
17-S-004 ZZ118881		<20	0.07	<10	<10	45	<10	73
17-S-004 ZZ118882		<20	0.05	<10	<10	27	<10	43
17-S-004 ZZ118883		<20	0.05	<10	<10	36	<10	55
17-S-004 ZZ118884		<20	0.06	<10	<10	45	<10	72
17-S-004 ZZ118885		<20	0.05	<10	<10	34	<10	96
17-S-004 ZZ118886		20	0.05	<10	<10	32	<10	171
17-S-004 ZZ118887		<20	0.09	<10	<10	58	<10	330
17-S-004 ZZ118888		<20	0.06	<10	<10	52	<10	185
17-S-004 ZZ118889		<20	0.08	<10	<10	45	<10	85
17-S-004 ZZ118890		<20	0.06	<10	<10	41	<10	69
17-S-004 ZZ118891		<20	0.12	<10	<10	73	<10	229
17-S-004 ZZ118892		<20	0.14	<10	<10	62	<10	209
17-S-004 ZZ118893		<20	0.09	<10	<10	62	<10	336
17-S-004 ZZ118894		<20	0.05	<10	<10	30	<10	311
17-S-004 ZZ118895		<20	0.15	<10	<10	55	<10	118
17-S-004 ZZ118896		<20	0.14	<10	<10	61	<10	112
17-S-004 ZZ118897		<20	0.11	<10	<10	68	<10	138
17-S-004 ZZ118898		<20	0.11	<10	<10	67	<10	99
17-S-004 ZZ118899		<20	0.12	<10	<10	76	<10	89
17-S-004 ZZ118900		<20	0.14	<10	<10	79	<10	94
17-S-004 ZZ118901		<20	0.05	<10	<10	52	<10	55
17-S-004 ZZ118902		<20	0.19	<10	<10	144	<10	206
17-S-004 ZZ118903		<20	0.09	<10	<10	87	<10	73
17-S-004 ZZ118904		30	0.13	<10	<10	13	<10	961
17-S-004 ZZ118905		20	0.13	<10	<10	25	<10	664
17-S-004 ZZ118906		20	0.21	<10	<10	37	<10	1610
17-S-004 ZZ118907		<20	0.15	<10	<10	52	<10	383
17-S-004 ZZ118908		<20	0.11	<10	<10	38	<10	426
17-S-004 ZZ118911		<20	0.12	<10	<10	61	<10	111
17-S-004 ZZ118912		<20	0.13	<10	<10	76	<10	134
17-S-004 ZZ118913		<20	0.11	<10	<10	68	<10	122
17-S-004 ZZ118914		<20	0.12	<10	<10	62	<10	118
17-S-004 ZZ118915		<20	0.14	<10	<10	71	<10	113
17-S-004 ZZ118916		<20	0.14	<10	<10	63	<10	119
17-S-004 ZZ118917		<20	0.11	<10	<10	46	<10	124
17-S-004 ZZ118918		<20	0.12	<10	<10	45	<10	248
17-S-004 ZZ118919		20	0.12	<10	<10	29	<10	436
17-S-004 ZZ118920		<20	0.12	<10	<10	39	<10	272
17-S-004 ZZ118921		<20	0.15	<10	<10	28	<10	330



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ118922		0.15	0.005	0.2	1.58	4	<10	150	0.6	<2	1.34	2.0	13	63	31	2.68
17- S- 004 ZZ118923		0.20	0.004	0.3	1.83	7	<10	140	0.6	3	0.78	1.2	13	64	30	2.86
17- S- 004 ZZ118924		0.23	0.004	0.2	1.99	6	<10	130	0.6	2	1.04	1.1	16	90	33	2.86
17- S- 004 ZZ118925		0.27	0.006	<0.2	2.09	7	<10	110	0.6	<2	0.94	0.8	18	107	30	2.91
17- S- 004 ZZ118926		0.27	0.003	<0.2	2.11	5	<10	140	0.7	<2	0.96	1.8	20	100	36	2.81
17- S- 004 ZZ118927		0.23	0.007	0.5	1.40	8	<10	140	0.5	<2	0.50	0.5	10	48	32	2.50
17- S- 004 ZZ118928		0.22	<0.001	0.3	2.35	8	<10	210	0.9	<2	0.60	0.7	21	121	39	3.16
17- S- 004 ZZ118929		0.32	<0.001	0.2	2.64	5	<10	300	1.2	2	0.63	0.6	22	142	46	3.37
17- S- 004 ZZ118930		0.28	0.006	0.3	2.68	6	<10	210	1.2	<2	0.56	<0.5	26	139	39	3.70
17- S- 004 ZZ118931		0.29	<0.001	<0.2	2.37	6	<10	120	<0.5	<2	0.29	<0.5	14	30	19	3.21
17- S- 004 ZZ118932		0.34	<0.001	<0.2	2.40	8	<10	110	1.0	2	0.36	<0.5	19	20	25	3.53
17- S- 004 ZZ118933		0.39	<0.001	1.0	2.40	12	<10	90	0.7	4	0.25	<0.5	18	17	74	4.10
17- S- 004 ZZ118934		0.45	0.005	0.9	2.23	5	<10	90	0.6	3	0.24	<0.5	17	18	80	3.47
17- S- 004 ZZ118935		0.23	0.002	0.4	1.92	5	<10	130	0.6	2	0.26	<0.5	15	18	62	2.90
17- S- 004 ZZ118936		0.31	0.001	<0.2	2.17	5	<10	80	0.6	2	0.29	<0.5	20	16	69	3.63
17- S- 004 ZZ118937		0.25	0.004	0.5	1.72	9	<10	190	0.5	3	0.29	2.2	17	33	29	2.80
17- S- 004 ZZ118938		0.31	0.002	0.2	1.90	8	<10	190	0.7	2	0.37	<0.5	14	83	24	3.00
17- S- 004 ZZ118939		0.29	<0.001	0.4	1.60	4	<10	130	<0.5	<2	0.17	0.5	9	51	20	2.42
17- S- 004 ZZ118940		0.33	0.001	<0.2	1.53	7	<10	140	0.5	<2	0.19	0.7	15	26	17	2.77
17- S- 004 ZZ118971		0.36	0.001	0.2	1.13	11	<10	120	<0.5	<2	0.21	<0.5	10	13	14	2.79
17- S- 004 ZZ118972		0.35	0.005	0.9	1.39	5	<10	150	<0.5	2	0.18	0.8	6	18	25	2.46
17- S- 004 ZZ118973		0.34	<0.001	0.3	1.52	6	<10	140	<0.5	<2	0.21	0.7	11	18	28	2.53
17- S- 004 ZZ118974		0.36	0.001	0.2	2.09	4	<10	140	0.5	<2	0.41	<0.5	14	25	45	3.15
17- S- 004 ZZ118975		0.33	<0.001	<0.2	2.08	4	<10	120	0.5	2	0.42	<0.5	16	20	32	3.31
17- S- 004 ZZ118976		0.36	0.003	0.8	2.30	4	<10	150	0.6	2	0.67	<0.5	20	23	79	3.69
17- S- 004 ZZ118977		0.29	0.003	0.2	2.38	6	<10	120	0.5	<2	0.41	<0.5	31	20	59	3.85
17- S- 004 ZZ118978		0.32	0.003	0.6	2.66	7	<10	110	0.6	4	0.30	<0.5	23	24	82	4.15
17- S- 004 ZZ118979		0.28	0.005	0.6	2.28	7	<10	120	0.6	3	0.30	<0.5	23	25	68	3.72
17- S- 004 ZZ118980		0.28	0.008	1.2	2.54	14	<10	120	0.6	5	0.40	<0.5	18	22	65	4.18
17- S- 004 ZZ118981		0.32	0.004	0.7	2.56	7	<10	130	0.8	<2	0.31	<0.5	23	20	87	4.27
17- S- 004 ZZ118982		0.41	0.002	0.5	2.08	5	<10	100	0.6	3	0.27	0.6	16	21	66	3.09
17- S- 004 ZZ118983		0.37	0.013	1.1	2.65	3	<10	170	1.1	5	0.32	0.5	24	28	75	4.16
17- S- 004 ZZ118984		0.35	0.003	0.8	2.41	6	<10	220	0.8	3	0.37	<0.5	16	31	88	3.48
17- S- 004 ZZ118985		0.37	0.052	0.2	2.31	4	<10	170	0.6	<2	0.28	<0.5	18	21	58	3.46
17- S- 004 ZZ121501		0.38	0.004	<0.2	2.00	6	<10	560	0.6	2	0.51	<0.5	15	39	43	3.78
17- S- 004 ZZ121502		0.33	0.003	<0.2	1.42	4	<10	210	<0.5	<2	0.22	<0.5	7	26	20	2.15
17- S- 004 ZZ121503		0.31	0.001	0.2	2.12	9	<10	210	0.5	<2	0.19	<0.5	7	27	21	2.60
17- S- 004 ZZ121504		0.34	<0.001	<0.2	1.56	8	<10	140	<0.5	2	0.14	<0.5	8	23	14	2.19
17- S- 004 ZZ121505		0.34	0.003	<0.2	1.47	8	<10	190	<0.5	<2	0.20	<0.5	8	24	16	2.21
17- S- 004 ZZ121506		0.28	0.002	0.2	1.47	7	<10	120	<0.5	<2	0.12	<0.5	7	20	14	2.12



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
17- S- 004 ZZ118922		<10	<1	0.34	40	1.33	1070	<1	0.01	42	720	209	0.07	<2	3	53
17- S- 004 ZZ118923		10	1	0.32	50	1.55	983	<1	0.01	40	740	230	0.06	<2	3	46
17- S- 004 ZZ118924		10	<1	0.24	40	1.94	993	<1	0.01	51	830	120	0.05	2	4	52
17- S- 004 ZZ118925		10	1	0.14	30	2.03	894	<1	0.01	58	1130	114	0.04	<2	5	49
17- S- 004 ZZ118926		10	<1	0.09	40	1.91	1280	<1	0.01	57	960	156	0.04	<2	4	55
17- S- 004 ZZ118927		<10	<1	0.11	50	0.95	391	1	0.01	27	460	334	0.13	<2	3	56
17- S- 004 ZZ118928		10	1	0.13	40	2.16	1540	<1	0.01	62	850	122	0.02	<2	6	35
17- S- 004 ZZ118929		10	1	0.53	50	2.60	1415	1	0.01	75	960	76	0.02	<2	7	35
17- S- 004 ZZ118930		10	<1	0.31	40	2.57	1825	<1	0.01	69	1210	111	0.02	<2	7	30
17- S- 004 ZZ118931		10	1	0.08	20	1.39	729	1	0.01	22	580	133	0.01	<2	3	19
17- S- 004 ZZ118932		10	<1	0.70	80	2.18	1425	<1	<0.01	28	970	60	0.01	<2	3	21
17- S- 004 ZZ118933		10	<1	0.26	10	1.88	969	<1	0.01	15	400	149	0.03	<2	4	21
17- S- 004 ZZ118934		10	<1	0.26	10	1.48	797	<1	0.01	14	350	74	0.02	2	4	19
17- S- 004 ZZ118935		<10	<1	0.17	10	1.16	634	<1	0.01	15	520	46	0.03	<2	3	19
17- S- 004 ZZ118936		10	<1	0.22	<10	1.52	1100	1	0.01	15	360	17	0.02	<2	3	18
17- S- 004 ZZ118937		10	<1	0.36	50	1.17	3200	1	0.01	25	900	376	0.03	<2	3	26
17- S- 004 ZZ118938		10	<1	0.50	50	1.66	1095	1	0.01	42	1050	264	0.05	<2	4	33
17- S- 004 ZZ118939		10	<1	0.35	40	1.12	595	1	0.01	26	670	119	0.03	<2	3	20
17- S- 004 ZZ118940		<10	<1	0.38	40	0.97	1965	1	0.01	23	820	110	0.01	<2	3	18
17- S- 004 ZZ118971		<10	1	0.28	50	0.70	1005	1	<0.01	14	750	95	0.01	<2	2	27
17- S- 004 ZZ118972		<10	1	0.40	60	0.85	530	1	0.01	15	560	255	0.05	2	2	30
17- S- 004 ZZ118973		<10	<1	0.39	50	0.93	923	1	0.01	17	520	140	0.01	<2	3	23
17- S- 004 ZZ118974		10	<1	0.29	10	1.43	711	1	0.01	17	560	60	0.04	<2	4	28
17- S- 004 ZZ118975		10	<1	0.38	10	1.48	877	<1	0.01	15	460	23	0.02	<2	3	27
17- S- 004 ZZ118976		10	<1	0.27	10	1.47	1100	1	0.01	17	580	39	0.05	<2	4	28
17- S- 004 ZZ118977		10	<1	0.24	10	1.80	1035	1	0.01	20	470	42	0.02	<2	3	25
17- S- 004 ZZ118978		10	<1	0.16	10	1.91	654	1	0.01	20	450	73	0.03	<2	4	20
17- S- 004 ZZ118979		10	1	0.24	10	1.60	786	<1	0.01	18	440	82	0.03	<2	4	20
17- S- 004 ZZ118980		10	1	0.29	10	2.08	919	<1	0.01	16	450	84	0.05	<2	4	28
17- S- 004 ZZ118981		10	<1	0.37	10	1.70	859	<1	0.01	17	400	54	0.01	<2	4	20
17- S- 004 ZZ118982		10	1	0.22	10	1.37	892	<1	0.01	18	410	171	0.01	<2	3	19
17- S- 004 ZZ118983		10	<1	0.52	10	2.08	1400	<1	0.01	23	440	67	0.01	<2	4	22
17- S- 004 ZZ118984		10	<1	0.12	10	1.24	831	1	0.01	24	380	44	0.02	<2	5	26
17- S- 004 ZZ118985		10	<1	0.34	10	1.54	1135	<1	0.01	17	430	24	0.02	<2	5	25
17- S- 004 ZZ121501		10	<1	0.11	20	0.60	713	1	0.01	28	810	8	0.01	<2	9	33
17- S- 004 ZZ121502		<10	<1	0.06	20	0.42	281	1	0.01	16	370	21	0.01	<2	4	21
17- S- 004 ZZ121503		10	<1	0.07	20	0.39	216	1	0.01	16	440	27	0.01	<2	3	22
17- S- 004 ZZ121504		<10	<1	0.06	20	0.37	243	1	0.01	13	330	23	0.01	<2	3	14
17- S- 004 ZZ121505		<10	<1	0.05	20	0.40	276	1	<0.01	14	240	25	0.01	<2	4	19
17- S- 004 ZZ121506		10	<1	0.04	20	0.39	190	1	<0.01	11	200	19	0.01	<2	3	13



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Project: Trident (Squid West)

CERTIFICATE OF ANALYSIS WH17203058
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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Ti	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
							Zn
							ppm
							2
17-S-004 ZZ118922	<20	0.10	<10	<10	29	<10	445
17-S-004 ZZ118923	<20	0.10	<10	<10	30	<10	465
17-S-004 ZZ118924	<20	0.10	<10	<10	34	<10	285
17-S-004 ZZ118925	<20	0.08	<10	<10	37	<10	288
17-S-004 ZZ118926	<20	0.07	<10	<10	36	<10	335
17-S-004 ZZ118927	<20	0.08	<10	<10	28	<10	252
17-S-004 ZZ118928	<20	0.11	<10	<10	44	<10	252
17-S-004 ZZ118929	<20	0.13	<10	<10	45	<10	155
17-S-004 ZZ118930	<20	0.14	<10	<10	57	<10	142
17-S-004 ZZ118931	<20	0.07	<10	<10	38	<10	179
17-S-004 ZZ118932	20	0.17	<10	<10	22	<10	152
17-S-004 ZZ118933	<20	0.11	<10	<10	66	<10	313
17-S-004 ZZ118934	<20	0.13	<10	<10	61	<10	214
17-S-004 ZZ118935	<20	0.11	<10	<10	58	<10	136
17-S-004 ZZ118936	<20	0.12	<10	<10	62	<10	133
17-S-004 ZZ118937	<20	0.11	<10	<10	28	<10	693
17-S-004 ZZ118938	<20	0.14	<10	<10	32	<10	338
17-S-004 ZZ118939	<20	0.10	<10	<10	27	<10	279
17-S-004 ZZ118940	<20	0.11	<10	<10	26	<10	239
17-S-004 ZZ118971	20	0.09	<10	<10	20	<10	205
17-S-004 ZZ118972	<20	0.12	<10	<10	26	<10	345
17-S-004 ZZ118973	<20	0.14	<10	<10	28	<10	210
17-S-004 ZZ118974	<20	0.12	<10	<10	59	<10	125
17-S-004 ZZ118975	<20	0.13	<10	<10	57	<10	101
17-S-004 ZZ118976	<20	0.11	<10	<10	71	<10	129
17-S-004 ZZ118977	<20	0.10	<10	<10	66	<10	162
17-S-004 ZZ118978	<20	0.10	<10	<10	75	<10	211
17-S-004 ZZ118979	<20	0.11	<10	<10	75	<10	201
17-S-004 ZZ118980	<20	0.12	<10	<10	75	<10	435
17-S-004 ZZ118981	<20	0.14	<10	<10	79	<10	189
17-S-004 ZZ118982	<20	0.11	<10	<10	49	<10	373
17-S-004 ZZ118983	<20	0.15	<10	<10	72	<10	303
17-S-004 ZZ118984	<20	0.11	<10	<10	72	<10	132
17-S-004 ZZ118985	<20	0.11	<10	<10	59	<10	138
17-S-004 ZZ121501	<20	0.08	<10	<10	76	<10	63
17-S-004 ZZ121502	<20	0.08	<10	<10	48	<10	41
17-S-004 ZZ121503	<20	0.08	<10	<10	55	<10	44
17-S-004 ZZ121504	<20	0.08	<10	<10	49	<10	40
17-S-004 ZZ121505	<20	0.07	<10	<10	48	<10	44
17-S-004 ZZ121506	<20	0.07	<10	<10	53	<10	41



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
17- S- 004 ZZ121507		0.32	<0.001	<0.2	2.04	5	<10	100	0.5	<2	0.10	<0.5	10	15	15	3.02
17- S- 004 ZZ121508		0.31	0.002	0.3	1.72	<2	<10	140	<0.5	<2	0.27	<0.5	9	30	17	2.30
17- S- 004 ZZ121509		0.30	0.002	0.5	1.84	4	<10	120	<0.5	<2	0.47	<0.5	13	23	36	2.59
17- S- 004 ZZ121510		0.23	0.001	0.5	2.06	6	<10	200	<0.5	<2	0.37	<0.5	15	27	34	2.69
17- S- 004 ZZ121511		0.32	0.007	0.2	1.56	9	<10	140	<0.5	<2	0.18	<0.5	6	23	19	2.29
17- S- 004 ZZ121512		0.34	0.005	0.3	1.45	6	<10	190	<0.5	<2	0.26	<0.5	9	24	23	2.27
17- S- 004 ZZ121513		0.44	0.004	0.3	1.31	7	<10	90	<0.5	2	0.14	<0.5	5	19	14	2.04
17- S- 004 ZZ121514		0.26	0.003	0.4	1.31	7	<10	100	<0.5	<2	0.15	<0.5	5	20	15	1.94
17- S- 004 ZZ121515		0.25	<0.001	0.5	0.96	3	<10	90	<0.5	<2	0.08	<0.5	2	12	14	1.26
17- S- 004 ZZ121516		0.37	0.004	<0.2	1.85	8	<10	140	<0.5	<2	0.13	<0.5	8	24	18	2.70
17- S- 004 ZZ121517		0.31	0.002	0.3	1.21	6	<10	90	<0.5	<2	0.08	<0.5	4	14	16	1.63
17- S- 004 ZZ121518		0.25	0.005	0.3	1.67	5	<10	140	<0.5	<2	0.10	<0.5	6	17	19	2.53
17- S- 004 ZZ121519		0.34	0.003	<0.2	1.89	5	<10	180	<0.5	<2	0.14	<0.5	10	22	20	3.19
17- S- 004 ZZ121520		0.17	0.002	0.2	0.70	3	<10	100	<0.5	<2	0.06	<0.5	1	7	10	1.01
17- S- 004 ZZ121521		0.28	0.005	<0.2	1.93	3	<10	200	0.6	2	0.20	<0.5	9	14	14	3.15
17- S- 004 ZZ121522		0.31	0.007	0.2	1.93	9	<10	180	<0.5	2	0.13	<0.5	7	27	18	2.78
17- S- 004 ZZ121523		0.30	0.004	0.4	1.70	8	<10	160	<0.5	<2	0.16	<0.5	7	24	17	2.29
17- S- 004 ZZ121524		0.39	0.001	0.3	1.37	7	<10	130	<0.5	<2	0.12	<0.5	6	21	18	2.00
17- S- 004 ZZ121525		0.32	0.004	0.4	1.49	11	<10	120	<0.5	<2	0.14	<0.5	6	22	22	2.16
17- S- 004 ZZ121526		0.25	0.005	0.5	1.40	10	<10	110	<0.5	<2	0.14	<0.5	4	19	22	2.04
17- S- 004 ZZ121527		0.23	0.003	0.5	1.26	7	<10	110	<0.5	2	0.14	<0.5	12	19	31	2.19
17- S- 004 ZZ121528		0.26	0.002	0.4	1.37	9	<10	140	<0.5	<2	0.17	<0.5	10	20	24	2.43
17- S- 004 ZZ121529		0.33	<0.001	0.2	1.12	8	<10	80	<0.5	2	0.10	<0.5	12	17	16	2.32
17- S- 004 ZZ121530		0.30	0.003	0.5	1.36	8	<10	150	<0.5	<2	0.17	<0.5	5	20	18	2.24



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**CERTIFICATE OF ANALYSIS WH17203058**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
17- S- 004 ZZ121507		10	<1	0.31	10	0.97	468	1	<0.01	11	260	8	0.01	<2	4	11
17- S- 004 ZZ121508		10	<1	0.09	20	0.95	329	1	<0.01	15	460	34	0.03	<2	4	20
17- S- 004 ZZ121509		10	<1	0.12	20	0.89	403	<1	<0.01	16	460	51	0.04	<2	4	37
17- S- 004 ZZ121510		10	<1	0.10	20	0.95	494	1	<0.01	18	430	54	0.04	<2	4	29
17- S- 004 ZZ121511		10	<1	0.06	20	0.38	108	1	<0.01	14	440	24	0.02	<2	3	18
17- S- 004 ZZ121512		<10	<1	0.06	30	0.45	195	1	0.01	18	420	25	0.01	<2	4	25
17- S- 004 ZZ121513		<10	<1	0.06	30	0.37	109	2	<0.01	12	250	36	0.02	<2	2	16
17- S- 004 ZZ121514		<10	1	0.07	30	0.35	108	1	<0.01	12	340	43	0.04	<2	2	17
17- S- 004 ZZ121515		<10	1	0.04	10	0.12	68	1	0.01	6	390	19	0.04	<2	1	12
17- S- 004 ZZ121516		10	<1	0.06	20	0.40	330	1	<0.01	16	320	28	0.02	<2	3	16
17- S- 004 ZZ121517		<10	<1	0.06	30	0.19	159	1	0.01	8	380	47	0.03	<2	1	12
17- S- 004 ZZ121518		10	<1	0.07	40	0.32	133	2	0.01	10	350	68	0.04	<2	3	16
17- S- 004 ZZ121519		<10	<1	0.16	40	0.57	318	1	0.01	15	410	24	0.05	<2	4	25
17- S- 004 ZZ121520		<10	<1	0.04	10	0.08	39	1	0.01	3	320	12	0.03	<2	1	11
17- S- 004 ZZ121521		10	<1	0.51	20	1.48	482	1	<0.01	9	250	10	0.03	<2	5	26
17- S- 004 ZZ121522		10	1	0.08	20	0.46	220	2	<0.01	16	280	37	0.03	<2	4	17
17- S- 004 ZZ121523		10	<1	0.06	20	0.40	190	1	<0.01	15	330	33	0.02	<2	3	15
17- S- 004 ZZ121524		<10	<1	0.05	20	0.32	224	1	<0.01	13	220	41	0.01	<2	3	12
17- S- 004 ZZ121525		10	<1	0.06	20	0.36	241	1	<0.01	13	310	61	0.02	<2	2	14
17- S- 004 ZZ121526		10	<1	0.07	20	0.37	129	2	<0.01	11	330	76	0.04	<2	2	18
17- S- 004 ZZ121527		<10	<1	0.07	20	0.39	884	1	<0.01	11	490	78	0.03	<2	2	14
17- S- 004 ZZ121528		10	1	0.08	20	0.46	927	1	<0.01	14	420	70	0.03	<2	2	19
17- S- 004 ZZ121529		<10	<1	0.09	20	0.41	871	2	<0.01	10	220	70	0.03	<2	2	13
17- S- 004 ZZ121530		<10	<1	0.08	30	0.43	142	1	<0.01	11	380	73	0.02	<2	3	17



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm	ME- ICP41 Ti %	ME- ICP41 Tl ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm
		20	0.01	10	10	1	10	2
17- S- 004 ZZ121507		<20	0.10	<10	<10	42	<10	62
17- S- 004 ZZ121508		<20	0.06	<10	<10	45	<10	85
17- S- 004 ZZ121509		<20	0.08	<10	<10	48	<10	125
17- S- 004 ZZ121510		<20	0.09	<10	<10	54	<10	135
17- S- 004 ZZ121511		<20	0.06	<10	<10	46	<10	49
17- S- 004 ZZ121512		<20	0.08	<10	<10	45	<10	58
17- S- 004 ZZ121513		<20	0.07	<10	<10	37	<10	45
17- S- 004 ZZ121514		<20	0.07	<10	<10	38	<10	44
17- S- 004 ZZ121515		<20	0.03	<10	<10	26	<10	22
17- S- 004 ZZ121516		<20	0.08	<10	<10	52	<10	49
17- S- 004 ZZ121517		<20	0.05	<10	<10	29	<10	34
17- S- 004 ZZ121518		<20	0.07	<10	<10	40	<10	50
17- S- 004 ZZ121519		<20	0.09	<10	<10	53	<10	69
17- S- 004 ZZ121520		<20	0.03	<10	<10	20	<10	13
17- S- 004 ZZ121521		<20	0.12	<10	<10	54	<10	64
17- S- 004 ZZ121522		<20	0.08	<10	<10	59	<10	45
17- S- 004 ZZ121523		<20	0.07	<10	<10	46	<10	45
17- S- 004 ZZ121524		<20	0.06	<10	<10	39	<10	51
17- S- 004 ZZ121525		<20	0.06	<10	<10	47	<10	60
17- S- 004 ZZ121526		<20	0.05	<10	<10	40	<10	81
17- S- 004 ZZ121527		<20	0.05	<10	<10	38	<10	121
17- S- 004 ZZ121528		<20	0.07	<10	<10	43	<10	134
17- S- 004 ZZ121529		<20	0.07	<10	<10	36	<10	115
17- S- 004 ZZ121530		<20	0.07	<10	<10	40	<10	98



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**CERTIFICATE OF ANALYSIS WH17203058**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- ICP41





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**CERTIFICATE WH17203064**

Project: Trident (CH)

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH17203064**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118455		0.29	0.036	0.2	1.40	8	<10	290	0.5	<2	0.50	<0.5	8	22	28	2.32
ZZ118456		0.30	0.009	0.3	1.51	14	<10	360	0.6	<2	0.51	<0.5	10	26	36	2.64
ZZ118457		0.32	0.001	0.2	1.44	6	<10	240	0.6	<2	0.45	<0.5	6	21	14	2.10
ZZ118458		0.26	<0.001	0.2	1.72	7	<10	240	0.6	<2	0.37	<0.5	8	26	16	2.42
ZZ118459		0.27	<0.001	<0.2	1.49	6	<10	180	0.6	<2	0.16	<0.5	5	20	26	2.19
ZZ118460		0.26	<0.001	0.4	1.97	6	<10	280	0.5	<2	0.19	<0.5	8	27	12	2.64
ZZ118461		0.38	<0.001	0.3	0.90	3	<10	320	<0.5	<2	0.17	<0.5	5	12	7	1.63
ZZ118462		0.35	0.003	0.2	1.28	7	<10	320	0.6	<2	0.14	<0.5	5	19	10	2.08
ZZ118463		0.29	0.003	0.2	1.05	9	<10	280	0.5	<2	0.19	<0.5	4	17	11	1.75
ZZ118464		0.25	<0.001	0.5	1.73	11	<10	530	0.6	<2	0.38	0.9	10	24	20	2.49
ZZ118465		0.39	<0.001	0.3	1.27	8	<10	200	<0.5	<2	0.07	<0.5	4	12	9	1.84
ZZ118466		0.41	0.003	0.2	0.88	13	<10	300	0.7	<2	0.17	<0.5	7	9	26	2.29
ZZ118467		0.43	0.003	<0.2	1.33	7	<10	270	0.6	<2	0.27	<0.5	6	21	33	2.04
ZZ118468		0.34	<0.001	<0.2	1.14	5	<10	220	0.7	<2	0.15	<0.5	4	14	12	1.65
ZZ118469		0.29	0.001	<0.2	2.24	10	<10	480	0.6	<2	0.29	<0.5	9	34	17	2.95
ZZ118470		0.33	<0.001	<0.2	0.70	12	<10	110	0.6	<2	0.06	<0.5	3	7	7	1.59
ZZ118471		0.25	<0.001	<0.2	1.25	6	<10	260	0.7	<2	0.15	<0.5	4	8	8	1.81
ZZ118472		0.16	0.001	<0.2	0.80	5	<10	90	<0.5	<2	0.09	<0.5	2	11	7	1.52
ZZ118473		0.31	<0.001	3.5	1.39	15	<10	230	<0.5	12	0.54	1.1	14	31	56	3.48
ZZ118474		0.24	0.001	0.7	1.15	5	<10	140	<0.5	<2	0.73	1.3	13	28	58	3.18
ZZ118475		0.20	0.002	0.3	0.99	12	<10	390	0.5	<2	1.14	0.5	11	16	34	2.56
ZZ118476		0.24	0.002	0.6	1.25	18	<10	430	0.8	<2	0.45	1.1	10	19	43	2.87
ZZ118477		0.31	<0.001	<0.2	1.05	7	<10	190	0.5	<2	0.16	<0.5	5	14	12	1.86
ZZ118478		0.30	<0.001	<0.2	1.66	8	<10	180	<0.5	<2	0.10	<0.5	6	19	117	2.42
ZZ118479		0.25	0.002	<0.2	2.88	12	<10	280	0.8	<2	0.13	<0.5	11	39	30	3.15
ZZ118480		0.33	<0.001	<0.2	2.61	12	<10	330	0.6	<2	0.13	<0.5	10	32	18	3.32
ZZ118481		0.29	<0.001	0.2	2.14	12	<10	290	0.9	<2	0.13	<0.5	7	29	20	2.81
ZZ118482		0.28	<0.001	<0.2	1.73	9	<10	170	0.5	<2	0.08	<0.5	5	20	10	2.31
ZZ118483		0.27	0.004	0.3	2.36	11	<10	260	0.5	<2	0.10	<0.5	8	29	16	3.45
ZZ118484		0.29	0.010	<0.2	1.70	10	<10	190	0.5	<2	0.07	<0.5	6	20	13	2.29
ZZ118485		0.24	0.001	0.2	1.44	7	<10	270	0.6	<2	0.15	<0.5	6	19	14	2.09
ZZ118486		0.23	0.007	0.2	1.61	7	<10	250	<0.5	<2	0.31	<0.5	6	23	13	2.26
ZZ118487		0.12	0.002	0.2	1.28	8	<10	200	<0.5	<2	0.42	<0.5	6	19	12	2.07
ZZ118488		0.31	0.003	0.3	1.35	13	<10	310	<0.5	<2	0.56	<0.5	12	27	20	2.63
ZZ118489		0.24	0.001	0.6	1.95	13	<10	220	0.6	2	0.53	0.6	15	51	57	3.69
ZZ118490		0.23	<0.001	0.6	1.45	8	<10	270	0.5	2	0.51	0.5	8	28	30	2.59
ZZ118491		0.16	0.001	0.6	1.75	6	<10	310	0.5	3	0.56	1.3	13	36	25	2.68
ZZ118492		0.37	0.003	0.4	1.17	9	<10	330	0.6	<2	1.04	0.6	9	24	29	2.17
ZZ118493		0.24	<0.001	0.5	1.33	7	<10	220	0.5	<2	0.36	<0.5	5	22	12	2.10
ZZ118494		0.19	<0.001	0.2	1.56	6	<10	360	0.6	<2	0.27	0.5	18	22	14	2.44



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**CERTIFICATE OF ANALYSIS WH17203064**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118455		<10	<1	0.06	30	0.47	311	1	0.02	23	410	42	0.01	2	4	30
ZZ118456		<10	1	0.07	40	0.47	467	2	0.02	30	440	27	0.01	<2	4	34
ZZ118457		<10	1	0.10	30	0.31	414	1	0.01	13	200	36	0.01	<2	3	31
ZZ118458		<10	1	0.09	30	0.40	573	1	0.01	17	180	32	0.01	<2	4	31
ZZ118459		<10	1	0.10	30	0.27	361	1	<0.01	13	140	35	0.01	2	2	17
ZZ118460		10	<1	0.08	10	0.35	874	1	0.01	17	150	15	0.01	<2	3	18
ZZ118461		<10	<1	0.10	20	0.16	1340	1	<0.01	7	270	55	0.01	<2	1	15
ZZ118462		<10	<1	0.08	30	0.31	253	1	<0.01	11	120	86	0.01	<2	2	16
ZZ118463		<10	1	0.08	30	0.27	167	1	<0.01	11	160	67	0.02	3	2	21
ZZ118464		<10	1	0.08	20	0.31	1560	1	0.01	15	300	61	0.01	2	2	22
ZZ118465		<10	<1	0.06	40	0.18	199	1	<0.01	9	180	31	<0.01	<2	1	16
ZZ118466		<10	<1	0.06	30	0.20	283	1	<0.01	26	360	29	<0.01	<2	4	50
ZZ118467		<10	<1	0.06	40	0.48	509	<1	0.01	15	210	34	<0.01	<2	4	25
ZZ118468		<10	1	0.06	50	0.49	209	<1	<0.01	10	140	34	<0.01	<2	4	17
ZZ118469		10	<1	0.08	10	0.48	413	<1	<0.01	24	220	33	0.01	<2	3	28
ZZ118470		<10	<1	0.09	50	0.10	142	<1	<0.01	10	220	81	<0.01	2	1	13
ZZ118471		<10	<1	0.20	70	0.94	371	<1	<0.01	8	230	25	<0.01	3	2	21
ZZ118472		10	<1	0.05	10	0.08	129	1	0.01	6	560	24	0.01	<2	1	10
ZZ118473		<10	<1	0.08	30	0.49	686	68	0.01	50	890	607	0.01	<2	4	34
ZZ118474		<10	1	0.12	20	0.88	679	12	0.01	85	870	146	0.01	<2	3	36
ZZ118475		<10	<1	0.06	20	0.35	727	4	0.01	28	570	44	0.05	<2	4	65
ZZ118476		<10	1	0.07	20	0.27	412	8	0.01	48	310	61	0.02	<2	4	30
ZZ118477		<10	<1	0.06	50	0.40	479	1	<0.01	11	170	27	<0.01	<2	4	21
ZZ118478		<10	<1	0.07	30	0.37	259	<1	<0.01	12	150	72	<0.01	2	2	19
ZZ118479		10	1	0.07	10	0.51	418	1	0.01	28	280	19	0.01	<2	5	15
ZZ118480		10	<1	0.05	10	0.49	311	1	0.01	22	190	20	0.01	<2	4	16
ZZ118481		10	<1	0.06	20	0.42	392	1	<0.01	18	250	50	0.01	2	4	16
ZZ118482		<10	1	0.06	30	0.29	281	1	<0.01	10	190	34	0.01	2	2	11
ZZ118483		10	<1	0.06	20	0.38	285	1	<0.01	21	290	22	0.01	<2	3	12
ZZ118484		<10	1	0.08	30	0.26	269	1	<0.01	13	150	30	0.01	<2	2	11
ZZ118485		<10	1	0.08	30	0.31	222	1	<0.01	13	180	74	0.02	<2	2	17
ZZ118486		<10	<1	0.08	20	0.34	312	1	<0.01	14	180	43	0.01	2	2	21
ZZ118487		<10	1	0.05	20	0.31	262	1	0.01	11	560	38	0.04	<2	2	28
ZZ118488		<10	<1	0.05	10	0.47	837	1	0.02	21	640	44	0.02	<2	4	33
ZZ118489		10	<1	0.11	20	1.02	632	6	0.01	63	500	102	0.01	<2	8	26
ZZ118490		<10	<1	0.07	20	0.44	293	10	0.02	34	460	117	0.01	<2	4	30
ZZ118491		10	1	0.12	20	0.59	649	5	0.02	24	430	182	0.02	<2	5	35
ZZ118492		<10	1	0.07	20	0.45	265	2	0.01	28	570	60	0.07	<2	4	53
ZZ118493		<10	<1	0.09	20	0.36	282	1	0.01	13	200	38	0.02	<2	2	25
ZZ118494		<10	1	0.12	20	0.31	1890	1	0.01	14	180	52	0.02	<2	2	25



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**CERTIFICATE OF ANALYSIS WH17203064**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118455		<20	0.07	<10	<10	43	<10	59
ZZ118456		<20	0.07	<10	<10	47	<10	84
ZZ118457		<20	0.06	<10	<10	37	<10	52
ZZ118458		<20	0.08	<10	<10	50	<10	50
ZZ118459		<20	0.04	<10	<10	38	<10	62
ZZ118460		<20	0.07	<10	<10	60	<10	60
ZZ118461		<20	0.03	<10	<10	30	<10	45
ZZ118462		<20	0.05	<10	<10	42	<10	40
ZZ118463		20	0.04	<10	<10	34	<10	34
ZZ118464		<20	0.06	<10	<10	53	<10	65
ZZ118465		20	0.02	<10	<10	25	<10	47
ZZ118466		20	0.01	<10	<10	13	<10	95
ZZ118467		20	0.05	<10	<10	35	<10	53
ZZ118468		30	0.03	<10	<10	23	<10	44
ZZ118469		<20	0.08	<10	<10	68	<10	56
ZZ118470		30	0.01	<10	<10	12	<10	59
ZZ118471		40	0.02	<10	<10	12	<10	86
ZZ118472		<20	0.05	<10	<10	48	<10	30
ZZ118473		<20	0.05	<10	<10	37	<10	115
ZZ118474		<20	0.04	<10	<10	32	<10	166
ZZ118475		<20	0.04	<10	<10	32	<10	69
ZZ118476		<20	0.03	<10	<10	38	<10	130
ZZ118477		30	0.03	<10	<10	24	<10	47
ZZ118478		20	0.03	<10	<10	33	<10	114
ZZ118479		<20	0.10	<10	<10	69	<10	62
ZZ118480		<20	0.08	<10	<10	72	<10	55
ZZ118481		20	0.06	<10	<10	56	<10	50
ZZ118482		20	0.04	<10	<10	45	<10	40
ZZ118483		<20	0.07	<10	<10	73	<10	59
ZZ118484		20	0.04	<10	<10	39	<10	49
ZZ118485		20	0.04	<10	<10	37	<10	49
ZZ118486		<20	0.05	<10	<10	49	<10	45
ZZ118487		<20	0.05	<10	<10	45	<10	53
ZZ118488		<20	0.06	<10	<10	50	<10	68
ZZ118489		<20	0.08	<10	<10	75	<10	113
ZZ118490		<20	0.06	<10	<10	45	<10	87
ZZ118491		<20	0.09	<10	<10	56	<10	67
ZZ118492		<20	0.05	<10	<10	37	<10	75
ZZ118493		<20	0.05	<10	<10	41	<10	50
ZZ118494		<20	0.05	<10	<10	53	<10	43



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118441		0.39	0.003	0.2	1.35	7	<10	290	0.5	2	0.92	<0.5	8	25	28	2.29
ZZ118442		0.28	0.001	0.2	0.99	11	<10	250	<0.5	<2	0.66	0.7	11	20	67	2.87
ZZ118443		0.29	0.001	0.2	1.55	8	<10	310	0.5	<2	0.87	<0.5	9	34	36	2.55
ZZ118434		0.34	0.001	<0.2	1.79	8	<10	230	0.5	<2	0.18	<0.5	10	31	17	2.53
ZZ118435		0.33	0.004	0.2	1.48	7	<10	260	0.5	<2	0.25	<0.5	9	22	17	2.18
ZZ118436		0.21	0.004	0.2	1.48	8	<10	170	<0.5	<2	0.21	<0.5	6	22	13	1.99
ZZ118437		0.20	0.001	0.2	1.27	9	<10	230	<0.5	2	0.27	<0.5	8	28	16	1.94
ZZ118438		0.19	0.001	0.3	1.33	9	<10	290	<0.5	<2	0.53	<0.5	10	30	23	2.46
ZZ118439		0.23	0.002	0.3	1.39	9	<10	320	0.6	2	0.86	0.6	7	28	28	1.92
ZZ118440		0.23	0.001	0.2	1.16	11	<10	280	0.5	<2	1.13	0.6	8	23	24	2.24
ZZ118601		0.16	0.002	<0.2	1.65	6	<10	150	<0.5	<2	0.16	<0.5	6	24	14	2.17
ZZ118602		0.11	<0.001	0.3	0.74	8	<10	230	<0.5	<2	0.13	<0.5	3	12	12	1.33
ZZ118603		0.07	0.004	0.4	1.61	14	<10	450	<0.5	<2	0.61	0.7	12	31	21	2.63
ZZ118604		0.27	0.003	<0.2	1.63	12	<10	230	<0.5	<2	0.52	<0.5	8	31	27	2.58
ZZ118605		0.25	0.001	0.2	1.48	11	<10	440	<0.5	<2	0.64	<0.5	13	28	24	2.63
ZZ118606		0.13	0.002	0.3	1.22	7	<10	310	<0.5	<2	1.41	0.8	9	24	27	2.00
ZZ118607		0.42	0.001	0.2	1.42	12	<10	270	0.5	<2	0.65	0.5	11	31	24	2.53
ZZ118608		0.26	0.001	0.2	1.57	12	<10	300	0.6	<2	0.61	<0.5	9	34	29	2.48
ZZ118609		0.28	<0.001	0.2	1.38	9	<10	340	0.8	<2	0.48	<0.5	7	26	20	2.14
ZZ118610		0.23	0.003	0.2	1.34	6	<10	260	0.8	<2	0.36	<0.5	5	24	15	2.06
ZZ118611		0.30	0.001	<0.2	1.27	7	<10	190	0.5	<2	0.33	<0.5	6	26	11	2.10
ZZ118612		0.33	<0.001	<0.2	1.26	6	<10	190	<0.5	<2	0.22	<0.5	5	22	11	2.09
ZZ118613		0.13	0.019	0.5	2.30	7	<10	550	1.8	<2	1.38	0.5	9	28	35	2.73
ZZ118614		0.29	0.001	<0.2	1.39	8	<10	310	0.7	<2	0.34	<0.5	6	25	14	2.22
ZZ118615		0.26	0.001	<0.2	1.24	6	<10	280	0.6	<2	0.35	<0.5	5	21	13	2.08
ZZ118616		0.21	0.003	0.2	1.36	4	<10	360	0.5	2	0.52	<0.5	6	24	14	1.98
ZZ118617		0.28	0.002	<0.2	1.34	5	<10	300	<0.5	<2	0.26	<0.5	6	23	13	2.03
ZZ118618		0.16	<0.001	0.5	0.83	4	<10	340	<0.5	<2	0.19	0.5	3	11	9	1.41
ZZ118619		0.21	0.006	0.2	1.42	5	<10	620	<0.5	<2	0.40	0.5	8	21	11	2.19
ZZ118620		0.26	<0.001	<0.2	1.38	7	<10	220	<0.5	<2	0.10	<0.5	4	17	10	1.94
ZZ118621		0.42	<0.001	<0.2	1.29	5	<10	300	0.5	<2	0.28	<0.5	5	20	11	1.87
ZZ118622		0.34	<0.001	<0.2	1.31	9	<10	180	<0.5	<2	0.24	<0.5	7	23	12	2.44
ZZ118623		0.18	<0.001	<0.2	1.03	3	<10	230	<0.5	<2	0.11	<0.5	4	14	10	1.54
ZZ118624		0.23	<0.001	0.2	1.40	6	<10	200	0.5	<2	0.12	<0.5	6	17	11	2.42
ZZ118625		0.35	<0.001	0.2	2.00	9	<10	270	0.8	<2	0.12	<0.5	8	27	13	2.76
ZZ118626		0.14	0.002	<0.2	0.33	<2	<10	70	<0.5	<2	0.04	<0.5	1	5	10	0.60
ZZ118627		0.19	0.002	0.2	1.41	10	<10	340	0.5	<2	0.14	<0.5	8	22	32	2.30
ZZ118628		0.24	0.001	0.2	1.48	10	<10	450	0.6	<2	0.16	<0.5	5	23	32	2.47
ZZ118629		0.32	0.003	<0.2	1.04	28	<10	200	<0.5	<2	0.13	0.8	15	12	51	3.37
ZZ118630		0.22	<0.001	0.3	1.93	21	<10	190	<0.5	<2	0.10	<0.5	6	23	15	2.82



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
ZZ118441		<10	1	0.06	10	0.48	374	1	0.02	25	590	18	0.04	<2	4	49
ZZ118442		<10	1	0.07	20	0.39	704	7	0.02	47	960	75	0.02	2	4	36
ZZ118443		<10	<1	0.07	20	0.65	433	2	0.03	41	630	17	0.02	<2	4	50
ZZ118434		<10	<1	0.06	20	0.46	549	1	0.01	18	270	24	0.01	<2	4	19
ZZ118435		<10	1	0.05	30	0.34	371	1	0.01	14	460	60	0.02	<2	3	23
ZZ118436		<10	1	0.06	20	0.32	179	1	<0.01	12	420	47	0.02	<2	3	20
ZZ118437		<10	<1	0.06	20	0.36	387	2	0.01	15	620	62	0.04	<2	3	25
ZZ118438		<10	1	0.06	10	0.47	332	1	0.01	23	630	51	0.04	<2	4	35
ZZ118439		<10	1	0.08	20	0.46	200	2	0.01	26	510	60	0.07	<2	4	45
ZZ118440		<10	1	0.07	20	0.43	606	2	0.02	23	600	39	0.07	<2	3	56
ZZ118601		<10	<1	0.06	20	0.30	216	1	0.01	13	420	40	0.03	2	3	19
ZZ118602		<10	1	0.06	20	0.10	67	1	0.01	9	510	50	0.06	<2	1	19
ZZ118603		<10	<1	0.07	20	0.50	799	2	0.01	25	680	68	0.06	<2	3	46
ZZ118604		<10	1	0.06	10	0.55	214	<1	0.02	21	680	10	0.02	<2	5	34
ZZ118605		<10	1	0.05	10	0.46	875	1	0.02	22	670	18	0.04	<2	5	47
ZZ118606		<10	1	0.06	10	0.49	808	2	0.02	28	670	16	0.06	2	3	61
ZZ118607		<10	1	0.07	20	0.49	595	2	0.02	30	570	28	0.02	<2	4	36
ZZ118608		<10	1	0.07	30	0.48	343	2	0.02	32	410	30	0.02	<2	4	34
ZZ118609		<10	1	0.07	30	0.33	557	1	0.01	19	250	35	0.02	<2	4	32
ZZ118610		<10	<1	0.08	30	0.30	372	1	0.01	14	200	36	0.01	<2	4	29
ZZ118611		<10	1	0.09	20	0.34	281	1	0.01	14	120	25	0.01	<2	3	25
ZZ118612		<10	1	0.09	20	0.35	332	1	0.01	13	150	27	0.01	<2	2	21
ZZ118613		10	1	0.10	80	0.36	1205	1	0.01	27	610	57	0.07	<2	6	94
ZZ118614		<10	<1	0.08	30	0.39	300	1	0.01	14	200	39	0.01	<2	4	29
ZZ118615		<10	<1	0.08	30	0.37	294	1	0.01	12	260	33	0.01	<2	3	28
ZZ118616		<10	1	0.08	20	0.37	315	1	0.01	15	310	23	0.02	<2	3	38
ZZ118617		<10	1	0.07	20	0.38	408	1	0.01	14	170	25	0.01	<2	3	22
ZZ118618		<10	<1	0.10	30	0.14	386	1	0.01	7	200	32	0.02	<2	1	21
ZZ118619		10	<1	0.09	10	0.27	1415	1	0.01	12	380	44	0.02	<2	2	32
ZZ118620		<10	1	0.07	30	0.25	155	1	<0.01	11	170	92	0.01	<2	2	14
ZZ118621		<10	<1	0.06	60	0.41	246	1	<0.01	12	250	29	0.01	2	3	25
ZZ118622		10	<1	0.10	20	0.30	332	1	0.02	14	280	50	0.01	<2	2	19
ZZ118623		<10	<1	0.07	20	0.15	187	1	0.02	8	240	56	0.01	<2	1	14
ZZ118624		10	<1	0.07	20	0.23	359	2	0.02	10	260	86	0.01	<2	1	13
ZZ118625		10	<1	0.07	20	0.38	275	1	0.01	14	240	46	0.01	<2	3	14
ZZ118626		<10	<1	0.02	<10	0.03	74	<1	0.02	3	370	5	0.01	<2	<1	7
ZZ118627		<10	<1	0.07	20	0.33	291	2	0.02	20	430	43	0.04	<2	2	21
ZZ118628		10	<1	0.07	20	0.23	200	2	0.02	14	660	36	0.03	2	2	21
ZZ118629		<10	<1	0.06	10	0.21	1135	2	0.01	55	740	18	0.01	<2	2	24
ZZ118630		10	<1	0.04	20	0.29	200	1	0.02	15	190	97	0.01	<2	2	12



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Project: Trident (CH)

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Ti	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
Zn							2
ZZ118441	<20	0.07	<10	<10	47	<10	58
ZZ118442	<20	0.05	<10	<10	40	<10	71
ZZ118443	<20	0.07	<10	<10	51	<10	73
ZZ118434	<20	0.08	<10	<10	54	<10	52
ZZ118435	<20	0.06	<10	<10	44	<10	71
ZZ118436	<20	0.06	<10	<10	45	<10	64
ZZ118437	<20	0.04	<10	<10	39	<10	63
ZZ118438	<20	0.07	<10	<10	54	<10	77
ZZ118439	<20	0.06	<10	<10	46	<10	63
ZZ118440	<20	0.06	<10	<10	45	<10	62
ZZ118601	<20	0.07	<10	<10	45	<10	59
ZZ118602	<20	0.03	<10	<10	24	<10	36
ZZ118603	<20	0.05	<10	<10	53	<10	110
ZZ118604	<20	0.11	<10	<10	66	<10	61
ZZ118605	<20	0.06	<10	<10	56	<10	77
ZZ118606	<20	0.06	<10	<10	40	<10	82
ZZ118607	<20	0.07	<10	<10	49	<10	75
ZZ118608	<20	0.07	<10	<10	46	<10	73
ZZ118609	20	0.06	<10	<10	39	<10	48
ZZ118610	<20	0.06	<10	<10	40	<10	50
ZZ118611	<20	0.08	<10	<10	46	<10	43
ZZ118612	<20	0.07	<10	<10	45	<10	42
ZZ118613	<20	0.05	<10	<10	49	<10	61
ZZ118614	<20	0.07	<10	<10	44	<10	45
ZZ118615	20	0.06	<10	<10	37	<10	44
ZZ118616	<20	0.06	<10	<10	44	<10	37
ZZ118617	<20	0.06	<10	<10	47	<10	39
ZZ118618	<20	0.04	<10	<10	36	<10	35
ZZ118619	<20	0.07	<10	<10	58	<10	66
ZZ118620	<20	0.04	<10	<10	39	<10	43
ZZ118621	20	0.04	<10	<10	31	<10	45
ZZ118622	<20	0.07	<10	<10	54	<10	42
ZZ118623	<20	0.05	<10	<10	34	<10	27
ZZ118624	<20	0.05	<10	<10	56	<10	44
ZZ118625	<20	0.06	<10	<10	61	<10	64
ZZ118626	<20	0.02	<10	<10	14	<10	15
ZZ118627	<20	0.05	<10	<10	40	<10	73
ZZ118628	<20	0.06	<10	<10	49	<10	52
ZZ118629	<20	0.01	<10	<10	19	<10	174
ZZ118630	<20	0.06	<10	<10	67	<10	60



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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118631		0.32	<0.001	<0.2	0.78	17	<10	100	<0.5	<2	0.03	<0.5	3	6	5	1.38
ZZ118632		0.23	<0.001	0.7	1.26	38	<10	170	<0.5	<2	0.10	<0.5	4	14	12	2.08
ZZ118633		0.33	<0.001	0.2	2.27	13	<10	290	0.5	<2	0.16	<0.5	10	35	19	2.83
ZZ118634		0.37	0.004	<0.2	1.73	12	<10	320	0.6	<2	0.28	<0.5	9	34	24	2.65
ZZ118635		0.32	<0.001	0.3	1.22	8	<10	330	0.5	<2	0.39	1.0	13	43	45	3.10
ZZ118636		0.32	<0.001	0.2	1.38	11	<10	370	0.6	<2	0.44	<0.5	10	33	35	2.62
ZZ118637		0.30	0.010	0.3	1.43	10	<10	420	0.6	<2	0.85	0.5	10	25	31	2.45
ZZ118638		0.27	0.001	0.2	1.63	8	<10	350	0.6	<2	0.87	<0.5	11	26	35	2.75
ZZ118639		0.35	0.001	0.3	1.19	3	<10	160	0.5	<2	0.53	0.8	17	29	81	3.84
ZZ118640		0.34	<0.001	1.8	1.53	6	<10	120	<0.5	16	0.45	1.5	19	45	68	4.43
ZZ118641		0.23	<0.001	1.1	1.94	35	<10	240	0.5	10	0.31	0.6	11	32	32	3.08
ZZ118642		0.23	<0.001	0.7	1.78	5	<10	160	<0.5	2	0.22	<0.5	12	26	16	2.71
ZZ118643		0.31	<0.001	5.1	2.01	24	<10	260	1.0	36	0.43	1.2	23	117	32	4.17
ZZ118644		0.30	0.004	4.5	1.87	17	<10	300	<0.5	22	0.39	1.0	10	30	24	2.77
ZZ118645		0.28	0.003	5.4	1.86	28	<10	240	0.6	29	0.47	0.6	11	34	44	3.08
ZZ118646		0.25	<0.001	1.3	3.93	11	<10	410	0.5	3	2.45	0.7	42	175	66	7.42
ZZ118647		0.22	0.004	1.3	2.29	17	<10	370	0.9	5	0.70	<0.5	19	54	45	4.07
ZZ118648		0.28	0.003	0.8	2.05	10	<10	220	0.8	2	0.77	<0.5	19	59	51	4.01
ZZ118649		0.33	0.007	1.0	1.99	6	<10	280	0.6	4	0.60	<0.5	12	42	37	3.07
ZZ118650		0.35	0.003	1.8	1.57	7	<10	220	0.6	7	0.56	1.0	13	34	63	3.37
ZZ118651		0.40	0.007	1.0	1.96	12	<10	310	0.6	4	1.10	0.6	16	46	52	3.36
ZZ118652		0.36	0.002	0.7	2.18	11	<10	260	0.7	3	0.79	<0.5	14	37	37	3.11
ZZ118653		0.24	0.012	0.5	2.58	24	<10	190	0.8	<2	0.82	0.7	22	69	68	5.30
ZZ118654		0.26	0.006	1.4	1.93	7	<10	390	0.5	2	1.12	1.4	19	53	65	3.30
ZZ118655		0.07	0.007	0.3	0.35	<2	10	240	<0.5	<2	3.20	1.5	2	5	31	0.40
ZZ118656		0.17	0.004	0.3	1.27	10	<10	280	0.5	<2	0.58	0.5	14	25	26	2.19
ZZ118657		0.30	0.002	0.2	1.39	10	<10	230	<0.5	<2	0.42	<0.5	11	24	19	2.46
ZZ118658		0.28	0.025	2.5	0.20	133	<10	120	1.8	11	1.04	3.9	32	5	114	4.90
ZZ118659		0.36	0.051	5.3	0.27	108	<10	130	2.0	24	0.38	5.6	10	5	158	3.95
ZZ118660		0.31	0.003	0.9	1.97	13	<10	260	0.7	4	0.87	0.7	16	44	48	3.33
ZZ118661		0.21	0.003	1.3	1.73	10	<10	310	0.5	4	1.14	0.5	10	32	37	2.75
ZZ118662		0.26	0.003	1.0	1.81	9	<10	310	0.6	3	0.82	0.5	12	34	43	2.92
ZZ118663		0.24	0.002	1.5	1.75	12	<10	340	0.6	5	0.71	0.6	10	30	38	2.70
ZZ118664		0.31	0.003	1.5	1.75	10	<10	320	0.6	6	0.69	0.5	11	31	46	3.02
ZZ118665		0.32	<0.001	2.0	1.48	6	<10	210	<0.5	9	0.43	<0.5	6	25	34	2.42
ZZ118666		0.25	0.002	4.4	1.11	6	<10	190	<0.5	12	0.34	0.8	7	21	37	2.44
ZZ118667		0.20	0.005	2.1	1.70	8	<10	230	<0.5	6	0.54	0.7	10	43	31	2.92
ZZ118668		0.30	0.002	1.2	1.64	5	<10	310	0.5	4	0.81	0.9	13	62	45	3.18
ZZ118669		0.31	0.001	0.8	1.73	7	<10	250	0.6	6	0.42	<0.5	10	39	25	2.51
ZZ118670		0.24	0.001	1.7	1.72	7	<10	410	0.5	7	0.66	0.5	10	40	28	3.01





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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118631		<10	<1	0.06	30	0.23	332	1	0.01	4	100	43	<0.01	<2	1	4
ZZ118632		<10	<1	0.07	30	0.18	187	5	0.01	8	200	350	0.01	<2	1	10
ZZ118633		10	<1	0.06	10	0.46	299	1	0.02	24	170	47	0.01	<2	3	16
ZZ118634		10	<1	0.05	20	0.52	289	1	0.02	22	260	29	0.01	<2	4	24
ZZ118635		<10	<1	0.08	30	0.87	615	7	0.01	74	820	34	0.01	<2	4	23
ZZ118636		<10	<1	0.06	30	0.51	522	4	0.02	43	500	39	0.01	<2	4	28
ZZ118637		<10	<1	0.06	20	0.43	751	2	0.02	28	450	30	0.03	<2	4	48
ZZ118638		<10	<1	0.05	20	0.51	408	3	0.03	31	440	19	0.02	<2	5	52
ZZ118639		<10	<1	0.10	40	0.86	791	17	0.01	103	1220	14	0.01	<2	4	27
ZZ118640		<10	<1	0.19	20	1.13	1060	32	0.01	78	1190	601	0.03	<2	3	26
ZZ118641		10	<1	0.06	20	0.48	337	37	0.02	32	300	1030	0.01	<2	4	22
ZZ118642		10	<1	0.06	20	0.44	497	12	0.02	19	140	167	0.01	<2	3	18
ZZ118643		10	<1	0.16	20	1.11	606	149	0.02	201	620	1095	0.01	<2	8	34
ZZ118644		<10	<1	0.08	10	0.47	259	52	0.02	27	340	1005	0.01	<2	4	24
ZZ118645		10	<1	0.08	20	0.58	380	51	0.02	45	340	1025	0.01	<2	5	25
ZZ118646		10	<1	0.31	10	3.33	1355	10	0.02	139	900	136	0.01	<2	21	47
ZZ118647		10	<1	0.08	20	0.94	609	8	0.03	51	390	256	0.01	<2	10	35
ZZ118648		10	<1	0.13	20	1.17	693	8	0.03	71	760	149	0.01	<2	8	39
ZZ118649		10	<1	0.06	20	0.76	326	6	0.03	39	450	162	0.01	<2	6	31
ZZ118650		<10	<1	0.09	30	0.76	568	12	0.03	61	570	331	0.01	<2	6	26
ZZ118651		10	<1	0.11	10	0.84	655	6	0.04	44	620	158	0.02	<2	7	45
ZZ118652		10	<1	0.13	20	0.73	575	5	0.03	32	320	83	0.01	<2	6	38
ZZ118653		10	<1	0.26	20	1.43	723	5	0.02	84	860	73	0.04	<2	13	34
ZZ118654		10	<1	0.12	20	1.36	811	8	0.03	37	890	166	0.05	<2	5	45
ZZ118655		<10	<1	0.03	10	0.52	677	4	0.03	14	930	6	0.23	<2	<1	186
ZZ118656		<10	<1	0.06	20	0.47	258	1	0.03	24	610	55	0.09	<2	4	55
ZZ118657		<10	<1	0.06	20	0.37	551	2	0.02	20	680	49	0.03	<2	3	31
ZZ118658		<10	1	0.09	20	0.33	940	25	<0.01	137	890	566	0.55	8	3	83
ZZ118659		<10	1	0.10	30	0.17	343	16	<0.01	19	370	837	0.18	6	4	56
ZZ118660		10	1	0.08	20	0.79	682	5	0.03	43	590	146	0.04	<2	7	45
ZZ118661		<10	1	0.07	10	0.60	393	6	0.03	30	560	169	0.04	<2	5	60
ZZ118662		10	1	0.07	20	0.65	476	6	0.03	37	540	162	0.03	<2	5	47
ZZ118663		10	1	0.07	20	0.52	441	8	0.03	29	460	253	0.02	<2	5	38
ZZ118664		10	1	0.08	20	0.55	499	8	0.03	37	530	244	0.02	<2	5	35
ZZ118665		<10	1	0.07	20	0.43	307	21	0.02	24	370	522	0.02	<2	4	27
ZZ118666		<10	1	0.08	30	0.40	414	25	0.01	27	390	646	0.02	<2	4	25
ZZ118667		<10	<1	0.11	20	0.53	410	15	0.01	44	300	325	0.02	<2	4	32
ZZ118668		<10	1	0.21	30	0.95	688	11	0.02	59	620	186	0.02	<2	6	40
ZZ118669		10	1	0.12	30	0.76	415	8	0.01	31	390	200	0.02	<2	6	30
ZZ118670		<10	1	0.15	30	0.73	532	7	0.02	33	510	253	0.02	<2	6	37



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118631		30	0.01	<10	<10	8	<10	47
ZZ118632		20	0.03	<10	<10	36	<10	38
ZZ118633		<20	0.08	<10	<10	62	<10	48
ZZ118634		<20	0.08	<10	<10	59	<10	55
ZZ118635		20	0.04	<10	<10	38	<10	135
ZZ118636		<20	0.04	<10	<10	40	<10	79
ZZ118637		<20	0.05	<10	<10	43	<10	58
ZZ118638		<20	0.06	<10	<10	52	<10	62
ZZ118639		20	0.03	<10	<10	29	<10	177
ZZ118640		<20	0.06	<10	<10	41	<10	293
ZZ118641		<20	0.06	<10	<10	56	<10	112
ZZ118642		<20	0.06	<10	<10	54	<10	53
ZZ118643		<20	0.09	<10	<10	64	<10	135
ZZ118644		<20	0.07	<10	<10	58	<10	72
ZZ118645		<20	0.06	<10	<10	55	<10	105
ZZ118646		<20	0.13	<10	<10	215	<10	142
ZZ118647		<20	0.08	<10	<10	88	<10	81
ZZ118648		<20	0.09	<10	<10	73	<10	121
ZZ118649		<20	0.07	<10	<10	62	<10	75
ZZ118650		<20	0.07	<10	<10	48	<10	131
ZZ118651		<20	0.10	<10	<10	73	<10	84
ZZ118652		<20	0.11	<10	<10	64	<10	68
ZZ118653		<20	0.08	<10	<10	132	<10	179
ZZ118654		<20	0.07	<10	<10	62	<10	175
ZZ118655		<20	0.01	<10	20	7	<10	149
ZZ118656		<20	0.07	<10	10	46	<10	92
ZZ118657		<20	0.06	<10	<10	45	<10	79
ZZ118658		20	<0.01	<10	<10	8	<10	330
ZZ118659		30	<0.01	<10	<10	5	<10	545
ZZ118660		<20	0.10	<10	<10	70	<10	88
ZZ118661		<20	0.09	<10	<10	56	<10	68
ZZ118662		<20	0.09	<10	<10	58	<10	72
ZZ118663		<20	0.10	<10	<10	54	<10	71
ZZ118664		<20	0.10	<10	<10	57	<10	86
ZZ118665		<20	0.09	<10	<10	43	<10	65
ZZ118666		<20	0.06	<10	<10	29	<10	92
ZZ118667		<20	0.08	<10	<10	51	<10	77
ZZ118668		<20	0.10	<10	<10	52	<10	114
ZZ118669		20	0.11	<10	<10	49	<10	56
ZZ118670		<20	0.09	<10	<10	51	<10	63



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118671		0.31	0.002	0.8	2.00	8	<10	280	0.6	3	0.41	<0.5	10	41	27	2.89
ZZ118672		0.24	0.001	1.4	1.73	6	<10	390	0.7	5	1.29	0.6	10	34	31	2.55
ZZ118673		0.13	<0.001	0.6	1.29	8	<10	450	0.6	<2	1.67	0.8	8	25	30	2.24
ZZ118674		0.31	0.006	0.5	1.26	46	<10	360	0.9	<2	0.73	1.0	11	36	41	2.77
ZZ118675		0.21	<0.001	0.3	1.06	4	<10	300	<0.5	<2	0.34	0.5	4	16	10	1.69
ZZ118677		0.31	<0.001	<0.2	1.61	6	<10	120	<0.5	2	0.07	<0.5	4	15	9	1.74
ZZ118678		0.33	0.002	<0.2	2.35	11	<10	270	0.8	<2	0.18	<0.5	9	39	23	2.98
ZZ118679		0.20	0.003	<0.2	2.92	12	<10	270	0.8	<2	0.17	<0.5	12	41	25	3.54
ZZ118680		0.25	<0.001	0.3	1.92	8	<10	190	<0.5	<2	0.15	<0.5	6	21	9	2.78
ZZ118681		0.25	0.001	0.6	1.20	5	<10	190	<0.5	<2	0.12	<0.5	4	14	11	1.96
ZZ118682		0.35	0.002	0.5	1.58	15	<10	250	<0.5	2	0.18	0.5	11	27	41	3.20
ZZ118683		0.21	<0.001	0.5	2.88	9	<10	350	0.5	<2	0.17	0.5	14	38	17	3.48
ZZ118684		0.31	<0.001	0.4	2.50	10	<10	390	0.5	<2	0.24	0.9	10	33	16	3.02
ZZ118685		0.21	0.001	0.4	1.95	9	<10	260	0.7	<2	0.15	0.5	6	26	17	2.58
ZZ118686		0.19	0.005	0.2	1.38	6	<10	180	0.5	<2	0.18	0.5	4	21	12	1.96
ZZ118687		0.20	0.001	<0.2	1.47	8	<10	170	<0.5	<2	0.34	<0.5	7	25	13	2.30
ZZ118688		0.31	<0.001	0.5	2.24	14	<10	270	1.3	2	1.08	1.1	27	77	74	5.85
ZZ118689		0.26	<0.001	0.8	1.75	9	<10	310	0.6	2	0.77	0.5	11	36	40	2.84
ZZ118690		0.29	0.002	0.8	2.01	9	<10	330	0.6	3	0.65	<0.5	12	46	38	3.10
ZZ121821		0.29	0.003	0.2	2.05	13	<10	840	0.7	<2	0.67	<0.5	11	36	30	2.90
ZZ121822		0.36	0.005	0.2	1.77	18	<10	570	0.7	<2	0.41	<0.5	14	37	54	3.62
ZZ121823		0.34	0.013	0.2	2.19	12	<10	320	0.7	<2	0.19	<0.5	13	38	32	3.37
ZZ121824		0.33	0.003	<0.2	1.61	6	<10	930	<0.5	<2	0.19	<0.5	6	28	13	2.51
ZZ121825		0.36	<0.001	0.2	1.91	9	<10	170	<0.5	<2	0.12	<0.5	8	31	17	3.40
ZZ121826		0.35	<0.001	<0.2	2.13	9	<10	430	0.5	<2	0.10	<0.5	9	31	17	3.13
ZZ121827		0.29	<0.001	<0.2	1.21	6	<10	270	<0.5	2	0.21	<0.5	6	22	9	2.41
ZZ121828		0.45	<0.001	<0.2	0.72	4	<10	330	<0.5	<2	0.41	<0.5	7	11	10	3.10
ZZ121829		0.31	0.003	0.2	1.76	112	<10	250	0.5	<2	0.22	0.7	17	30	59	3.76
ZZ121830		0.36	0.004	0.3	0.77	5	<10	880	0.5	<2	0.20	<0.5	5	14	17	2.72
ZZ121831		0.29	<0.001	0.2	1.43	6	<10	680	0.5	<2	0.26	<0.5	8	22	20	2.88
ZZ121832		0.34	<0.001	<0.2	1.39	10	<10	180	<0.5	<2	0.07	<0.5	5	16	11	2.34
ZZ121833		0.33	0.002	<0.2	1.68	6	<10	840	<0.5	<2	0.19	<0.5	10	32	28	2.82
ZZ121834		0.36	0.003	<0.2	2.46	6	<10	620	0.6	<2	0.12	<0.5	17	35	77	4.50
ZZ121835		0.33	0.002	0.2	2.42	9	<10	940	0.5	<2	0.17	<0.5	12	34	41	3.51
ZZ121836		0.30	0.001	<0.2	2.63	8	<10	230	<0.5	<2	0.13	<0.5	10	44	25	4.27
ZZ121837		0.33	0.003	<0.2	1.89	9	<10	190	<0.5	<2	0.10	<0.5	7	27	12	3.25
ZZ121838		0.40	<0.001	<0.2	1.42	6	<10	150	<0.5	<2	0.05	<0.5	4	13	6	2.84
ZZ121839		0.35	0.001	<0.2	1.25	5	<10	440	<0.5	<2	0.10	<0.5	4	12	7	2.10
ZZ121840		0.44	0.005	<0.2	2.08	7	<10	450	0.7	<2	0.21	<0.5	9	32	22	2.72
ZZ121841		0.29	0.004	<0.2	2.09	10	<10	200	<0.5	<2	0.13	<0.5	12	39	19	3.53



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
ZZ118671		10	1	0.12	20	0.65	307	6	0.02	30	280	159	0.02	<2	6	32
ZZ118672		<10	<1	0.18	50	0.73	491	8	0.02	30	430	253	0.06	<2	5	70
ZZ118673		<10	1	0.07	20	0.49	389	3	0.02	33	710	67	0.11	<2	4	80
ZZ118674		<10	1	0.10	30	0.49	329	8	0.01	69	630	38	0.04	<2	5	39
ZZ118675		<10	1	0.11	30	0.27	351	1	0.01	11	170	26	0.02	<2	2	28
ZZ118677		10	1	0.05	30	0.40	143	1	<0.01	8	140	22	0.02	<2	2	11
ZZ118678		10	1	0.06	20	0.52	315	1	0.01	20	170	16	0.01	<2	7	24
ZZ118679		10	<1	0.07	20	0.51	452	1	0.01	23	340	21	0.02	<2	6	19
ZZ118680		10	1	0.06	20	0.37	285	1	0.01	10	240	23	0.02	<2	2	22
ZZ118681		<10	<1	0.06	20	0.27	162	1	0.01	10	270	21	0.02	<2	2	14
ZZ118682		<10	<1	0.06	30	0.35	485	6	0.01	53	360	24	0.02	<2	3	20
ZZ118683		10	<1	0.07	10	0.45	806	1	0.01	25	250	114	0.02	<2	4	17
ZZ118684		10	2	0.09	10	0.46	1325	1	0.01	24	210	110	0.02	<2	3	24
ZZ118685		10	<1	0.09	30	0.34	632	1	<0.01	18	220	142	0.02	<2	3	17
ZZ118686		<10	<1	0.09	20	0.27	437	1	0.01	12	170	94	0.02	<2	2	18
ZZ118687		<10	1	0.05	10	0.40	200	<1	0.01	15	580	21	0.03	2	3	25
ZZ118688		10	1	0.20	10	1.32	741	7	0.01	75	590	83	0.04	<2	14	42
ZZ118689		10	1	0.07	20	0.54	503	7	0.03	39	480	150	0.02	<2	5	48
ZZ118690		10	1	0.10	20	0.74	456	6	0.03	35	390	155	0.02	<2	7	40
ZZ121821		10	1	0.05	10	0.47	489	1	0.02	29	420	15	0.03	<2	6	33
ZZ121822		<10	1	0.07	20	0.39	513	2	0.01	43	260	18	0.02	<2	8	31
ZZ121823		10	1	0.06	20	0.41	380	2	0.01	33	230	10	0.02	<2	6	23
ZZ121824		10	1	0.06	20	0.34	194	1	0.01	14	170	12	0.02	<2	5	21
ZZ121825		10	<1	0.08	20	0.37	226	2	0.01	20	250	26	0.01	<2	3	14
ZZ121826		<10	<1	0.07	20	0.36	264	1	0.01	21	160	16	0.01	<2	4	18
ZZ121827		<10	<1	0.04	10	0.32	156	1	0.01	11	180	8	0.01	<2	3	20
ZZ121828		<10	<1	0.07	10	0.11	542	1	<0.01	7	500	6	0.02	<2	4	19
ZZ121829		<10	<1	0.07	10	0.24	430	3	0.01	96	270	10	0.01	3	4	16
ZZ121830		<10	<1	0.12	20	0.14	361	2	<0.01	12	270	46	0.02	<2	6	19
ZZ121831		<10	<1	0.11	30	0.31	442	<1	0.01	16	400	28	0.02	3	4	21
ZZ121832		<10	<1	0.07	10	0.19	184	1	<0.01	10	200	11	0.01	2	3	10
ZZ121833		<10	<1	0.07	20	0.48	365	1	0.01	21	170	14	0.01	2	6	21
ZZ121834		10	1	0.16	20	1.14	669	1	<0.01	24	270	6	0.01	2	11	15
ZZ121835		10	<1	0.09	20	0.73	388	1	0.01	22	210	9	0.01	2	7	23
ZZ121836		10	1	0.10	10	0.77	323	1	0.01	21	280	11	0.01	2	5	16
ZZ121837		10	<1	0.09	10	0.35	273	3	0.01	14	360	10	0.01	<2	3	11
ZZ121838		<10	<1	0.07	10	0.13	183	1	<0.01	5	220	9	0.01	<2	4	7
ZZ121839		<10	<1	0.09	20	0.16	189	1	<0.01	7	170	9	0.01	<2	2	12
ZZ121840		10	<1	0.07	40	0.42	320	1	0.01	20	140	12	0.01	2	6	24
ZZ121841		10	<1	0.06	10	0.42	279	1	0.01	26	320	9	0.01	<2	4	14



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118671		<20	0.12	<10	<10	59	<10	60
ZZ118672		<20	0.08	<10	<10	43	<10	56
ZZ118673		<20	0.05	<10	<10	39	<10	76
ZZ118674		<20	0.02	<10	<10	38	<10	127
ZZ118675		<20	0.05	<10	<10	40	<10	37
ZZ118677		<20	0.04	<10	<10	37	<10	36
ZZ118678		<20	0.10	<10	<10	68	<10	53
ZZ118679		<20	0.10	<10	<10	72	<10	54
ZZ118680		<20	0.05	<10	<10	63	<10	73
ZZ118681		<20	0.05	<10	<10	35	<10	45
ZZ118682		<20	0.05	<10	<10	47	<10	115
ZZ118683		<20	0.11	<10	<10	85	<10	96
ZZ118684		<20	0.09	<10	<10	71	<10	77
ZZ118685		20	0.06	<10	<10	50	<10	78
ZZ118686		<20	0.05	<10	<10	42	<10	50
ZZ118687		<20	0.09	<10	<10	54	<10	60
ZZ118688		<20	0.08	<10	<10	103	<10	114
ZZ118689		<20	0.09	<10	<10	57	<10	76
ZZ118690		<20	0.12	<10	<10	64	<10	73
ZZ121821		<20	0.06	<10	<10	69	<10	64
ZZ121822		<20	0.04	<10	<10	69	<10	116
ZZ121823		<20	0.07	<10	<10	74	<10	65
ZZ121824		<20	0.07	<10	<10	55	<10	36
ZZ121825		<20	0.07	<10	<10	75	<10	50
ZZ121826		<20	0.05	<10	<10	55	<10	56
ZZ121827		<20	0.04	<10	<10	50	<10	35
ZZ121828		<20	0.01	<10	<10	27	<10	48
ZZ121829		<20	0.03	<10	<10	60	<10	146
ZZ121830		<20	0.01	<10	<10	18	<10	68
ZZ121831		<20	0.03	<10	<10	39	<10	64
ZZ121832		<20	0.03	<10	<10	45	<10	37
ZZ121833		<20	0.08	<10	<10	59	<10	52
ZZ121834		<20	0.08	<10	<10	115	<10	60
ZZ121835		<20	0.11	<10	<10	88	<10	49
ZZ121836		<20	0.10	<10	<10	89	<10	53
ZZ121837		<20	0.08	<10	<10	71	<10	47
ZZ121838		<20	0.03	<10	<10	38	<10	34
ZZ121839		<20	0.03	<10	<10	28	<10	27
ZZ121840		<20	0.08	<10	<10	61	<10	42
ZZ121841		<20	0.07	<10	<10	68	<10	40



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121842		0.36	0.002	1.5	2.86	26	<10	450	0.6	<2	0.17	<0.5	12	38	37	3.28
ZZ121843		0.43	<0.001	<0.2	1.03	7	<10	150	<0.5	<2	0.06	<0.5	7	12	10	2.95
ZZ121844		0.30	0.004	0.3	2.91	16	<10	450	0.5	<2	0.16	<0.5	11	40	19	3.51
ZZ121845		0.35	0.002	0.3	2.62	29	<10	550	0.6	2	0.20	<0.5	10	44	45	3.45
ZZ121846		0.39	0.002	1.1	2.50	63	<10	330	0.5	<2	0.10	0.8	10	36	59	3.83
ZZ121847		0.37	0.003	<0.2	0.69	14	<10	90	<0.5	<2	0.03	<0.5	28	17	80	3.73
ZZ121848		0.28	0.001	0.2	1.12	128	<10	110	<0.5	<2	0.07	<0.5	5	11	10	2.63
ZZ121849		0.44	0.001	0.4	0.95	81	<10	180	<0.5	<2	0.06	0.7	10	12	31	3.03
ZZ121850		0.35	0.002	0.8	2.94	11	<10	140	0.6	<2	0.11	<0.5	10	36	20	3.02
ZZ121851		0.34	<0.001	0.9	0.97	14	<10	570	<0.5	<2	0.52	1.3	10	14	48	2.89
ZZ121852		0.33	0.004	<0.2	2.12	12	<10	130	<0.5	<2	0.13	<0.5	6	29	15	3.31
ZZ121853		0.36	0.002	0.6	0.84	75	<10	530	0.5	<2	0.34	0.7	11	17	39	2.63
ZZ121854		0.42	0.002	0.2	0.69	51	<10	140	0.5	<2	0.04	0.6	13	15	74	3.78
ZZ121855		0.32	0.003	0.4	1.33	10	<10	140	<0.5	<2	0.10	0.7	9	18	43	2.72
ZZ121856		0.39	0.003	0.2	1.47	7	<10	190	<0.5	<2	0.18	<0.5	9	19	35	2.83
ZZ121857		0.34	0.002	<0.2	1.19	94	<10	100	0.5	<2	0.03	0.9	20	21	80	5.25
ZZ121858		0.37	<0.001	<0.2	1.58	4	<10	250	<0.5	<2	0.12	3.3	16	16	40	3.27
ZZ121859		0.32	0.003	0.2	2.22	9	<10	180	<0.5	<2	0.14	<0.5	7	41	58	2.61
ZZ121860		0.41	0.002	<0.2	1.41	7	<10	210	<0.5	2	0.08	0.5	7	18	14	2.19
ZZ121911		0.31	0.005	<0.2	2.66	10	<10	150	<0.5	<2	0.11	<0.5	11	35	16	4.21
ZZ121912		0.31	0.018	<0.2	2.71	9	<10	370	0.7	<2	0.13	<0.5	11	35	17	3.34
ZZ121913		0.25	0.004	<0.2	1.57	7	<10	230	<0.5	<2	0.10	<0.5	4	20	11	2.26
ZZ121914		0.40	0.002	<0.2	0.59	112	<10	290	<0.5	2	0.31	<0.5	18	11	64	1.91
ZZ121915		0.36	0.003	<0.2	1.83	103	<10	170	<0.5	<2	0.11	<0.5	10	30	35	3.66
ZZ121916		0.23	<0.001	0.2	1.66	45	<10	170	<0.5	<2	0.07	<0.5	9	21	32	3.20
ZZ121917		0.36	<0.001	<0.2	1.92	3	<10	210	<0.5	<2	0.31	<0.5	39	113	153	3.73
ZZ121918		0.30	0.003	0.2	2.72	38	<10	350	0.5	<2	0.12	<0.5	14	51	26	3.85
ZZ121919		0.30	<0.001	<0.2	1.81	32	<10	430	<0.5	<2	0.15	<0.5	8	30	20	2.96
ZZ121920		0.30	0.002	0.8	3.01	42	<10	510	0.6	<2	0.12	<0.5	12	38	27	3.31
ZZ121921		0.34	0.002	0.2	2.51	31	<10	650	0.6	<2	0.16	<0.5	17	44	28	3.90
ZZ121922		0.28	0.004	0.2	2.33	17	<10	360	0.5	<2	0.36	<0.5	55	343	32	5.34
ZZ121923		0.33	0.003	0.2	2.23	5	<10	650	<0.5	<2	0.32	<0.5	17	32	83	3.77
ZZ121924		0.33	<0.001	0.2	2.24	9	<10	220	<0.5	<2	0.10	<0.5	8	32	25	3.59
ZZ121925		0.26	0.001	<0.2	2.33	11	<10	230	<0.5	<2	0.14	<0.5	10	32	22	3.60
ZZ121926		0.25	0.001	<0.2	1.57	9	<10	200	<0.5	<2	0.09	<0.5	5	24	10	3.37
ZZ121927		0.37	0.002	<0.2	2.38	10	<10	300	0.5	<2	0.14	<0.5	9	32	21	3.10
ZZ121928		0.28	0.002	<0.2	2.48	10	<10	240	<0.5	<2	0.22	<0.5	15	38	72	3.23
ZZ121929		0.22	<0.001	0.2	2.55	21	<10	270	0.5	<2	0.10	<0.5	18	39	47	4.79
ZZ121930		0.29	0.001	0.5	1.55	17	<10	420	<0.5	<2	0.15	1.2	16	26	65	3.29
ZZ121651		0.35	0.002	0.5	0.81	7	<10	340	<0.5	<2	0.12	0.6	11	17	63	3.96



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121842		10	1	0.06	10	0.50	388	2	0.01	29	420	9	0.01	2	5	18
ZZ121843		<10	<1	0.10	40	0.07	1275	1	<0.01	11	560	19	0.02	<2	1	11
ZZ121844		10	<1	0.05	10	0.37	414	1	0.01	22	410	16	0.01	3	6	19
ZZ121845		10	1	0.06	10	0.59	297	2	0.01	27	170	9	0.01	<2	7	26
ZZ121846		10	<1	0.07	10	0.31	202	6	0.01	39	470	18	0.07	2	4	44
ZZ121847		<10	<1	0.06	10	0.04	376	8	<0.01	122	300	10	0.01	<2	2	27
ZZ121848		<10	<1	0.06	40	0.11	148	2	<0.01	12	280	21	<0.01	<2	1	12
ZZ121849		<10	<1	0.06	80	0.19	1720	5	<0.01	51	310	45	<0.01	2	5	10
ZZ121850		10	<1	0.05	10	0.36	259	2	0.01	22	200	17	<0.01	<2	5	17
ZZ121851		<10	<1	0.04	10	0.11	363	16	0.01	43	710	27	0.02	<2	1	51
ZZ121852		10	<1	0.04	10	0.27	211	2	0.01	14	270	17	<0.01	2	3	13
ZZ121853		<10	<1	0.05	10	0.15	416	13	<0.01	47	820	36	0.01	<2	3	65
ZZ121854		<10	<1	0.08	20	0.07	337	13	<0.01	72	450	25	<0.01	<2	3	42
ZZ121855		<10	<1	0.05	10	0.27	303	3	<0.01	26	420	10	0.01	<2	2	15
ZZ121856		<10	<1	0.06	10	0.30	432	1	0.01	19	430	7	<0.01	<2	5	17
ZZ121857		<10	<1	0.06	30	0.09	448	14	<0.01	100	480	25	<0.01	<2	4	16
ZZ121858		<10	<1	0.08	10	0.46	1045	1	<0.01	32	320	10	0.01	<2	6	10
ZZ121859		10	1	0.05	20	0.63	220	1	0.01	22	200	10	0.01	<2	5	16
ZZ121860		10	<1	0.04	10	0.22	258	2	<0.01	16	240	10	0.01	2	2	10
ZZ121911		10	<1	0.07	10	0.54	505	2	0.01	17	480	8	0.01	<2	4	12
ZZ121912		10	<1	0.08	20	0.42	422	1	0.01	22	230	19	<0.01	<2	4	15
ZZ121913		10	<1	0.04	20	0.17	184	1	<0.01	8	200	24	<0.01	<2	3	12
ZZ121914		<10	<1	0.05	20	0.04	551	4	<0.01	43	1600	21	<0.01	<2	2	38
ZZ121915		10	1	0.05	10	0.32	358	2	<0.01	29	570	29	0.01	2	3	12
ZZ121916		10	<1	0.04	10	0.21	249	3	<0.01	33	280	24	<0.01	<2	2	11
ZZ121917		10	<1	0.10	<10	1.62	561	1	<0.01	49	580	<2	<0.01	<2	8	19
ZZ121918		10	<1	0.05	10	0.38	432	2	0.01	44	410	13	0.01	3	5	16
ZZ121919		10	<1	0.04	10	0.36	230	2	<0.01	20	290	11	<0.01	<2	4	18
ZZ121920		10	<1	0.05	10	0.39	382	2	0.01	25	410	11	0.01	<2	6	15
ZZ121921		10	<1	0.04	10	0.44	485	1	0.01	39	360	11	<0.01	<2	7	19
ZZ121922		10	<1	0.03	10	1.84	847	1	0.01	836	430	8	0.01	<2	9	37
ZZ121923		10	1	0.06	10	0.99	621	1	0.01	26	460	6	0.01	<2	8	25
ZZ121924		10	<1	0.11	10	0.54	244	1	<0.01	16	250	11	0.01	<2	4	13
ZZ121925		10	1	0.05	10	0.52	298	1	0.01	22	300	9	0.01	2	4	13
ZZ121926		10	<1	0.06	20	0.30	199	1	<0.01	12	230	11	<0.01	<2	3	12
ZZ121927		10	<1	0.07	20	0.49	307	1	<0.01	20	170	18	<0.01	<2	4	15
ZZ121928		10	<1	0.06	10	0.73	311	1	0.01	30	350	8	<0.01	2	5	19
ZZ121929		10	<1	0.06	20	0.41	573	3	<0.01	44	460	29	0.03	<2	4	24
ZZ121930		<10	<1	0.05	20	0.40	580	4	<0.01	56	690	15	0.03	2	3	44
ZZ121651		<10	<1	0.05	20	0.10	392	13	<0.01	73	480	38	0.01	<2	4	26



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Sample Description	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Th	Ti	Tl	U	V	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	ppm
	20	0.01	10	10	1	10	2
ZZ121842	<20	0.10	<10	<10	73	<10	66
ZZ121843	<20	0.01	<10	<10	27	<10	39
ZZ121844	<20	0.09	<10	<10	76	<10	44
ZZ121845	<20	0.11	<10	<10	84	<10	65
ZZ121846	<20	0.06	<10	<10	79	<10	135
ZZ121847	<20	0.01	<10	<10	41	<10	195
ZZ121848	<20	0.01	<10	<10	24	<10	248
ZZ121849	30	0.01	<10	<10	12	<10	120
ZZ121850	<20	0.10	<10	<10	71	<10	45
ZZ121851	<20	0.01	<10	<10	34	<10	146
ZZ121852	<20	0.11	<10	<10	89	<10	47
ZZ121853	<20	0.01	<10	<10	38	<10	134
ZZ121854	<20	0.01	<10	<10	24	<10	217
ZZ121855	<20	0.03	<10	<10	48	<10	98
ZZ121856	<20	0.03	<10	<10	43	<10	57
ZZ121857	<20	0.01	<10	<10	32	<10	386
ZZ121858	<20	0.04	<10	<10	46	<10	169
ZZ121859	<20	0.10	<10	<10	62	<10	44
ZZ121860	<20	0.06	<10	<10	52	<10	89
ZZ121911	<20	0.07	<10	<10	69	<10	51
ZZ121912	<20	0.07	<10	<10	61	<10	47
ZZ121913	<20	0.06	<10	<10	51	<10	35
ZZ121914	<20	<0.01	<10	<10	30	<10	108
ZZ121915	<20	0.05	<10	<10	66	<10	103
ZZ121916	<20	0.02	<10	<10	54	<10	162
ZZ121917	<20	0.06	<10	<10	99	<10	61
ZZ121918	<20	0.06	<10	<10	67	<10	57
ZZ121919	<20	0.07	<10	<10	72	<10	56
ZZ121920	<20	0.10	<10	<10	76	<10	61
ZZ121921	<20	0.06	<10	<10	78	<10	62
ZZ121922	<20	0.06	<10	<10	73	<10	62
ZZ121923	<20	0.05	<10	<10	99	<10	65
ZZ121924	<20	0.09	<10	<10	74	<10	49
ZZ121925	<20	0.09	<10	<10	77	<10	48
ZZ121926	<20	0.08	<10	<10	72	<10	34
ZZ121927	<20	0.07	<10	<10	63	<10	54
ZZ121928	<20	0.10	<10	<10	79	<10	56
ZZ121929	<20	0.03	<10	<10	70	<10	130
ZZ121930	<20	0.04	<10	<10	53	<10	224
ZZ121651	<20	0.01	<10	<10	27	<10	206





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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121652		0.33	0.003	0.3	1.65	10	<10	150	<0.5	<2	0.15	0.5	8	26	28	2.86
ZZ121653		0.35	<0.001	0.6	1.87	23	<10	290	<0.5	<2	0.20	0.5	12	31	38	3.73
ZZ121654		0.38	0.002	0.3	2.77	13	<10	190	0.6	<2	0.13	<0.5	12	39	26	3.30
ZZ121655		0.34	0.002	0.3	2.42	11	<10	150	0.5	<2	0.11	<0.5	8	31	15	2.81
ZZ121656		0.33	0.002	<0.2	2.29	8	<10	180	0.6	2	0.10	<0.5	8	31	20	2.66
ZZ121657		0.33	<0.001	0.3	1.29	5	<10	120	<0.5	<2	0.09	<0.5	4	18	14	1.78
ZZ121658		0.32	<0.001	0.8	2.35	10	<10	160	0.5	<2	0.09	<0.5	8	29	29	3.26
ZZ121659		0.42	0.002	<0.2	0.81	15	<10	200	<0.5	<2	0.10	<0.5	8	15	33	2.16
ZZ121660		0.48	0.004	0.2	1.21	10	<10	200	<0.5	<2	0.17	<0.5	10	28	25	2.58
ZZ121681		0.28	0.002	0.3	1.94	8	<10	190	0.5	<2	0.12	<0.5	7	24	17	2.42
ZZ121682		0.34	<0.001	<0.2	2.01	7	<10	150	<0.5	<2	0.29	<0.5	13	79	34	2.64
ZZ121683		0.29	0.004	<0.2	1.46	6	<10	490	0.5	<2	0.29	<0.5	12	31	40	3.07
ZZ121684		0.36	0.005	0.2	0.96	18	<10	430	0.7	<2	0.36	<0.5	32	33	66	5.81
ZZ121685		0.33	0.003	0.2	1.30	5	<10	350	0.6	2	0.15	<0.5	8	17	16	3.51
ZZ121686		0.31	0.001	<0.2	2.75	10	<10	630	0.7	<2	0.17	<0.5	12	38	23	3.17
ZZ121687		0.39	0.003	0.2	1.67	94	<10	240	0.5	<2	0.12	<0.5	16	27	36	4.62
ZZ121688		0.42	0.003	0.2	1.07	47	<10	550	0.7	<2	0.30	0.7	16	40	47	4.39
ZZ121689		0.40	<0.001	0.2	2.03	22	<10	340	0.6	<2	0.18	<0.5	18	41	38	4.38
ZZ121690		0.41	0.005	0.3	1.71	36	<10	2190	0.7	<2	0.57	<0.5	15	36	37	3.38
ZZ121910		0.27	0.003	0.2	2.79	13	<10	250	0.6	<2	0.14	0.5	17	39	27	3.86
ZZ121820		0.35	0.004	0.7	2.00	17	<10	800	0.6	<2	0.77	<0.5	12	34	40	3.17
ZZ121648		0.29	0.003	1.2	2.62	13	<10	220	0.6	<2	0.12	0.5	16	40	47	4.00
ZZ121649		0.35	0.001	0.2	2.53	14	<10	190	0.6	<2	0.17	<0.5	11	36	19	3.62
ZZ121650		0.38	0.002	1.0	2.74	13	<10	210	0.5	<2	0.14	<0.5	11	39	24	3.95



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 Account: FECTRI

Project: Trident (CH)

**CERTIFICATE OF ANALYSIS WH17203064**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121652		10	<1	0.05	10	0.32	229	4	0.01	29	680	15	0.01	<2	3	16
ZZ121653		10	1	0.04	20	0.35	415	6	0.01	47	540	11	0.01	2	4	20
ZZ121654		10	<1	0.06	20	0.46	368	2	0.01	26	210	34	<0.01	<2	5	16
ZZ121655		10	<1	0.06	20	0.35	209	1	<0.01	17	230	77	0.01	<2	4	13
ZZ121656		10	<1	0.08	30	0.37	297	1	<0.01	20	160	122	<0.01	<2	3	14
ZZ121657		<10	<1	0.07	30	0.19	171	1	0.01	10	230	96	0.01	<2	2	16
ZZ121658		10	<1	0.04	20	0.27	314	2	<0.01	16	250	77	0.01	2	4	14
ZZ121659		<10	<1	0.04	20	0.18	421	2	<0.01	22	270	31	<0.01	<2	2	26
ZZ121660		<10	<1	0.04	10	0.33	347	1	<0.01	25	170	13	<0.01	<2	4	18
ZZ121681		10	<1	0.05	20	0.26	276	1	0.01	16	240	56	0.01	2	3	15
ZZ121682		10	<1	0.03	10	0.78	198	1	<0.01	45	240	6	<0.01	2	5	16
ZZ121683		<10	<1	0.05	20	0.36	506	1	0.01	24	310	11	<0.01	<2	8	20
ZZ121684		<10	<1	0.06	10	0.19	1175	1	<0.01	51	510	15	0.01	2	22	26
ZZ121685		<10	<1	0.06	20	0.21	317	4	<0.01	11	470	7	<0.01	<2	6	16
ZZ121686		10	1	0.06	20	0.46	376	1	0.01	24	260	10	0.01	<2	6	18
ZZ121687		10	<1	0.05	20	0.24	600	2	0.01	34	540	23	0.02	<2	5	16
ZZ121688		<10	<1	0.04	20	0.23	647	3	0.01	88	910	28	0.02	<2	7	35
ZZ121689		<10	<1	0.06	10	0.39	456	1	0.01	64	310	13	0.02	<2	7	20
ZZ121690		<10	<1	0.06	10	0.52	585	1	0.02	46	440	17	0.04	<2	7	33
ZZ121910		10	<1	0.05	10	0.46	478	2	0.01	23	460	11	0.03	<2	6	16
ZZ121820		10	<1	0.04	10	0.52	511	1	0.03	29	510	12	0.04	<2	6	38
ZZ121648		10	<1	0.05	10	0.40	386	5	0.01	61	310	12	0.03	<2	5	16
ZZ121649		10	<1	0.05	20	0.47	309	1	0.01	23	250	18	0.02	<2	5	19
ZZ121650		10	<1	0.05	10	0.40	215	2	0.01	26	460	16	0.02	<2	6	19



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Project: Trident (CH)

CERTIFICATE OF ANALYSIS    WH17203064
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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm	ME- ICP41 Ti %	ME- ICP41 Tl ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm
		20	0.01	10	10	1	10	2
ZZ121652		<20	0.05	<10	<10	50	<10	79
ZZ121653		<20	0.06	<10	<10	58	<10	97
ZZ121654		<20	0.08	<10	<10	67	<10	67
ZZ121655		<20	0.08	<10	<10	62	<10	49
ZZ121656		<20	0.06	<10	<10	56	<10	59
ZZ121657		<20	0.05	<10	<10	40	<10	44
ZZ121658		20	0.07	<10	<10	67	<10	96
ZZ121659		<20	0.02	<10	<10	29	<10	100
ZZ121660		<20	0.04	<10	<10	53	<10	47
ZZ121681		<20	0.05	<10	<10	52	<10	73
ZZ121682		<20	0.05	<10	<10	55	<10	35
ZZ121683		<20	0.03	<10	<10	67	<10	52
ZZ121684		<20	0.01	<10	<10	80	<10	101
ZZ121685		<20	0.03	<10	<10	33	<10	42
ZZ121686		<20	0.08	<10	<10	65	<10	45
ZZ121687		<20	0.04	<10	<10	60	<10	97
ZZ121688		<20	0.02	<10	<10	55	<10	137
ZZ121689		<20	0.06	<10	<10	69	<10	93
ZZ121690		<20	0.06	<10	<10	65	<10	84
ZZ121910		<20	0.09	<10	<10	79	<10	124
ZZ121820		<20	0.07	<10	<10	69	<10	59
ZZ121648		<20	0.06	<10	<10	66	<10	111
ZZ121649		<20	0.09	<10	<10	77	<10	52
ZZ121650		<20	0.09	<10	<10	82	<10	51



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Project: Trident (CH)

**CERTIFICATE OF ANALYSIS WH17203064**

<b>CERTIFICATE COMMENTS</b>	
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. Applies to Method: LOG- 22 SCR- 41 WEI- 21</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Applies to Method: Au- ICP21 ME- ICP41</p>



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**CERTIFICATE WH17203070**

Project: Trident (Squid)

This report is for 200 Soil samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: Sample ID#73(ZZ121556)was contaminated.

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118909		0.41	<0.001	<0.2	2.32	6	<10	170	<0.5	<2	0.23	<0.5	14	52	41	3.61
ZZ118910		0.19	<0.001	<0.2	0.85	3	<10	70	<0.5	<2	0.18	<0.5	6	13	13	1.68
ZZ118991		0.29	0.003	<0.2	1.41	15	<10	210	<0.5	<2	0.21	<0.5	6	26	17	2.20
ZZ118992		0.24	<0.001	0.2	2.03	15	<10	390	<0.5	<2	0.25	<0.5	10	32	25	2.94
ZZ118993		0.34	<0.001	<0.2	1.07	12	<10	190	<0.5	<2	0.16	<0.5	5	20	13	1.75
ZZ118994		0.28	<0.001	<0.2	1.48	18	<10	220	<0.5	<2	0.20	<0.5	6	27	17	2.30
ZZ118995		0.26	0.001	0.2	1.30	23	<10	160	<0.5	<2	0.17	<0.5	4	23	15	1.98
ZZ118996		0.35	<0.001	0.2	1.10	110	<10	150	<0.5	<2	0.06	<0.5	3	13	23	2.74
ZZ118997		0.31	<0.001	0.2	1.35	19	<10	190	<0.5	<2	0.29	0.7	13	28	56	3.47
ZZ118998		0.21	<0.001	0.9	1.21	24	<10	250	<0.5	<2	1.15	0.9	17	48	52	4.38
ZZ118999		0.22	<0.001	1.2	1.50	37	<10	390	<0.5	<2	0.89	0.7	15	128	65	3.14
ZZ119000		0.31	<0.001	0.2	1.44	6	<10	250	<0.5	<2	0.30	<0.5	7	18	23	2.21
ZZ118986		0.14	<0.001	<0.2	1.11	4	<10	120	<0.5	<2	0.11	<0.5	2	12	14	1.80
ZZ118987		0.18	<0.001	<0.2	0.58	3	<10	70	<0.5	<2	0.06	<0.5	2	8	8	0.95
ZZ118988		0.17	<0.001	<0.2	0.98	10	<10	100	<0.5	<2	0.08	<0.5	3	14	12	2.06
ZZ118989		0.26	0.002	0.2	1.32	28	<10	210	<0.5	2	0.07	<0.5	5	17	16	2.30
ZZ118990		0.31	0.001	0.3	1.71	20	<10	200	<0.5	<2	0.16	<0.5	6	24	18	2.47
ZZ118961		0.37	0.008	1.4	1.12	65	<10	140	<0.5	<2	0.10	<0.5	4	17	13	2.29
ZZ118962		0.39	0.003	1.3	2.07	33	<10	240	0.5	<2	0.13	<0.5	7	26	15	3.07
ZZ118963		0.35	<0.001	0.3	1.10	12	<10	110	<0.5	<2	0.08	<0.5	4	17	13	1.99
ZZ118964		0.40	0.005	0.3	1.28	15	<10	150	<0.5	<2	0.10	<0.5	5	20	15	2.11
ZZ118965		0.36	0.003	0.3	2.06	15	<10	190	0.5	<2	0.12	<0.5	7	26	16	2.96
ZZ118966		0.37	0.005	1.8	1.13	10	<10	120	<0.5	<2	0.07	<0.5	4	15	12	1.79
ZZ118967		0.42	0.024	1.1	1.22	20	<10	120	<0.5	<2	0.07	<0.5	4	15	18	1.92
ZZ118968		0.42	0.019	0.5	1.12	19	<10	150	<0.5	<2	0.08	<0.5	4	15	20	1.95
ZZ118969		0.36	0.009	2.2	1.35	25	<10	120	<0.5	<2	0.08	<0.5	4	20	12	2.34
ZZ118970		0.33	<0.001	<0.2	1.89	13	<10	210	<0.5	<2	0.10	<0.5	5	25	12	3.17
ZZ118941		0.23	0.002	<0.2	0.94	2	<10	140	<0.5	<2	0.16	<0.5	3	10	19	1.47
ZZ118942		0.47	<0.001	<0.2	1.96	3	<10	150	<0.5	<2	0.26	<0.5	17	16	54	3.64
ZZ118943		0.46	<0.001	<0.2	1.92	5	<10	180	<0.5	<2	0.41	<0.5	18	19	54	3.33
ZZ118944		0.47	<0.001	<0.2	1.35	4	<10	130	<0.5	<2	0.22	<0.5	10	13	23	2.30
ZZ118945		0.27	<0.001	<0.2	0.90	3	<10	180	<0.5	<2	0.19	<0.5	7	9	20	1.46
ZZ118946		0.28	<0.001	<0.2	0.91	2	<10	110	<0.5	2	0.14	<0.5	7	5	10	2.62
ZZ118947		0.42	<0.001	<0.2	1.75	<2	<10	160	<0.5	<2	0.18	<0.5	17	126	28	2.97
ZZ118948		0.29	<0.001	<0.2	1.44	4	<10	190	<0.5	<2	0.49	<0.5	12	8	22	3.77
ZZ118949		0.41	<0.001	0.2	1.95	3	<10	110	<0.5	<2	0.48	<0.5	15	70	75	3.10
ZZ118950		0.36	<0.001	<0.2	1.01	2	<10	110	<0.5	<2	0.28	<0.5	9	12	27	1.93
ZZ118951		0.31	<0.001	0.4	1.32	12	<10	260	0.5	<2	0.60	0.7	19	28	75	3.38
ZZ118952		0.31	<0.001	0.2	1.80	4	<10	290	<0.5	<2	0.60	0.5	19	24	67	2.86
ZZ118953		0.43	<0.001	0.6	1.63	20	<10	150	<0.5	<2	0.38	0.6	15	51	58	3.52

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118909		10	1	0.08	10	1.04	472	1	0.02	25	260	8	0.01	<2	5	18
ZZ118910		<10	<1	0.05	<10	0.44	234	1	0.02	6	370	6	0.04	<2	1	11
ZZ118991		<10	<1	0.06	20	0.42	176	1	0.02	15	190	26	0.02	<2	4	22
ZZ118992		10	<1	0.08	10	0.40	435	2	0.02	21	610	27	0.03	2	3	27
ZZ118993		<10	<1	0.07	20	0.28	159	1	0.01	12	250	28	0.02	<2	3	19
ZZ118994		10	1	0.06	20	0.39	170	1	0.02	15	250	23	0.01	<2	3	19
ZZ118995		<10	1	0.06	20	0.35	120	1	0.02	13	280	23	0.02	<2	3	18
ZZ118996		<10	1	0.08	30	0.14	84	7	0.01	18	280	44	0.05	4	2	23
ZZ118997		<10	<1	0.07	20	0.71	435	5	0.01	55	650	52	0.01	2	3	20
ZZ118998		<10	1	0.06	20	1.12	569	17	0.01	85	1060	34	0.08	<2	4	53
ZZ118999		<10	<1	0.04	30	1.47	188	6	0.02	133	860	29	0.07	<2	6	47
ZZ119000		<10	<1	0.04	20	0.55	283	1	0.01	15	280	42	0.01	<2	3	18
ZZ118986		10	<1	0.03	10	0.11	98	1	0.02	7	230	15	0.02	<2	1	14
ZZ118987		<10	<1	0.04	10	0.11	65	1	0.02	5	160	26	0.01	<2	<1	8
ZZ118988		10	<1	0.05	10	0.22	168	1	0.02	7	410	53	0.02	<2	1	11
ZZ118989		<10	<1	0.11	30	0.24	162	1	0.01	11	280	129	0.11	2	2	19
ZZ118990		10	<1	0.08	20	0.36	192	1	0.02	15	270	30	0.03	<2	3	21
ZZ118961		<10	<1	0.11	30	0.26	112	4	0.01	11	220	62	0.10	2	2	14
ZZ118962		10	<1	0.09	20	0.37	221	2	0.01	15	200	54	0.04	<2	3	20
ZZ118963		<10	<1	0.07	20	0.24	172	1	0.01	10	200	41	0.03	<2	2	14
ZZ118964		<10	<1	0.08	20	0.30	181	1	0.01	12	230	61	0.06	<2	2	19
ZZ118965		10	<1	0.06	10	0.34	217	2	0.02	14	210	48	0.02	<2	3	15
ZZ118966		<10	<1	0.06	10	0.18	93	1	0.02	8	320	55	0.06	<2	2	14
ZZ118967		<10	<1	0.11	20	0.19	130	1	0.02	10	190	148	0.10	2	2	25
ZZ118968		<10	<1	0.13	30	0.22	160	2	0.01	10	240	168	0.12	<2	2	38
ZZ118969		10	<1	0.07	10	0.17	136	2	0.01	9	290	34	0.08	2	2	12
ZZ118970		10	<1	0.03	10	0.19	153	2	0.01	13	280	16	0.02	2	2	12
ZZ118941		<10	<1	0.03	10	0.19	125	1	0.02	6	510	5	0.04	<2	1	14
ZZ118942		10	<1	0.07	10	1.06	524	1	0.01	12	340	5	0.02	<2	4	17
ZZ118943		<10	<1	0.06	10	1.01	500	1	0.01	14	380	6	0.02	3	5	19
ZZ118944		<10	<1	0.08	10	0.72	343	1	0.01	9	270	5	0.01	<2	3	13
ZZ118945		<10	<1	0.05	20	0.26	588	1	0.02	5	550	8	0.04	<2	3	12
ZZ118946		<10	<1	0.09	10	0.57	417	1	0.01	4	400	5	0.01	<2	3	9
ZZ118947		<10	<1	0.06	20	1.37	2330	1	0.01	67	650	19	0.03	<2	5	12
ZZ118948		<10	<1	0.05	40	0.74	1625	1	0.01	9	1620	18	0.03	<2	4	21
ZZ118949		10	<1	0.08	10	1.75	558	<1	0.01	39	480	21	0.03	<2	7	20
ZZ118950		<10	<1	0.07	10	0.60	148	<1	0.01	10	300	9	0.02	<2	6	12
ZZ118951		<10	<1	0.12	20	0.83	334	2	0.01	33	630	68	0.04	<2	7	28
ZZ118952		<10	<1	0.39	20	1.47	357	1	0.01	30	430	26	0.04	<2	6	27
ZZ118953		<10	1	0.06	30	1.19	497	8	0.01	83	490	19	0.03	<2	3	31

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid)

CERTIFICATE OF ANALYSIS    WH17203070
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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Th	Ti	Tl	U	V	W	
	Units LOR	ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118909		<20	0.07	<10	<10	58	<10	61
ZZ118910		<20	0.06	<10	<10	47	<10	30
ZZ118991		<20	0.08	<10	<10	48	<10	36
ZZ118992		<20	0.08	<10	<10	62	<10	51
ZZ118993		<20	0.07	<10	<10	36	<10	28
ZZ118994		<20	0.09	<10	<10	49	<10	38
ZZ118995		<20	0.08	<10	<10	40	<10	35
ZZ118996		20	0.03	<10	<10	22	<10	54
ZZ118997		<20	0.04	<10	<10	28	<10	122
ZZ118998		<20	0.04	<10	<10	54	<10	211
ZZ118999		<20	0.07	<10	<10	63	<10	132
ZZ119000		<20	0.03	<10	<10	42	<10	46
ZZ118986		<20	0.07	<10	<10	48	<10	27
ZZ118987		<20	0.04	<10	<10	24	<10	17
ZZ118988		<20	0.07	<10	<10	44	<10	32
ZZ118989		20	0.04	<10	<10	30	<10	29
ZZ118990		<20	0.07	<10	<10	53	<10	36
ZZ118961		<20	0.05	<10	<10	34	<10	31
ZZ118962		<20	0.06	<10	<10	54	<10	42
ZZ118963		<20	0.06	<10	<10	40	<10	37
ZZ118964		<20	0.07	<10	<10	41	<10	38
ZZ118965		<20	0.09	<10	<10	65	<10	39
ZZ118966		<20	0.06	<10	<10	37	<10	25
ZZ118967		<20	0.05	<10	<10	32	<10	47
ZZ118968		<20	0.05	<10	<10	29	<10	44
ZZ118969		<20	0.09	<10	<10	77	<10	30
ZZ118970		<20	0.08	<10	<10	85	<10	37
ZZ118941		<20	0.03	<10	<10	31	<10	22
ZZ118942		<20	0.07	<10	<10	80	<10	57
ZZ118943		<20	0.07	<10	<10	75	<10	54
ZZ118944		<20	0.06	<10	<10	46	<10	46
ZZ118945		<20	0.03	<10	<10	24	<10	25
ZZ118946		<20	0.02	<10	<10	35	<10	53
ZZ118947		<20	0.03	<10	<10	43	<10	93
ZZ118948		<20	0.02	<10	<10	33	<10	154
ZZ118949		<20	0.05	<10	<10	68	<10	96
ZZ118950		<20	0.03	<10	<10	43	<10	54
ZZ118951		<20	0.05	<10	<10	54	<10	188
ZZ118952		<20	0.08	<10	<10	52	<10	92
ZZ118953		<20	0.05	<10	<10	40	<10	98

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118954		0.30	<0.001	0.2	1.10	34	<10	160	<0.5	<2	0.25	0.9	12	23	25	2.57
ZZ118955		0.37	<0.001	<0.2	0.85	42	<10	140	<0.5	<2	0.06	<0.5	5	12	8	1.95
ZZ118956		0.37	<0.001	<0.2	1.37	28	<10	110	<0.5	<2	0.08	<0.5	5	19	14	2.24
ZZ118957		0.40	<0.001	<0.2	1.93	62	<10	160	<0.5	<2	0.13	<0.5	8	27	18	3.06
ZZ118958		0.38	<0.001	<0.2	1.20	27	<10	120	<0.5	2	0.09	<0.5	4	19	13	2.01
ZZ118959		0.35	<0.001	<0.2	1.11	25	<10	120	<0.5	<2	0.15	<0.5	6	21	14	2.20
ZZ118960		0.41	0.002	<0.2	1.77	38	<10	170	<0.5	<2	0.14	<0.5	9	26	16	2.83
ZZ121531		0.44	<0.001	<0.2	1.92	8	<10	450	0.5	<2	0.55	<0.5	11	35	33	3.29
ZZ121532		0.35	0.003	0.2	1.66	6	<10	380	0.5	<2	0.44	<0.5	11	29	38	2.81
ZZ121533		0.30	0.001	<0.2	1.77	7	<10	290	<0.5	<2	0.35	<0.5	8	31	26	2.54
ZZ121534		0.33	<0.001	<0.2	1.67	7	<10	240	<0.5	<2	0.32	<0.5	8	31	23	2.54
ZZ121535		0.32	0.001	<0.2	1.65	8	<10	290	<0.5	<2	0.36	<0.5	9	31	29	2.89
ZZ121536		0.31	0.004	<0.2	1.76	8	<10	280	<0.5	<2	0.41	<0.5	13	36	37	3.48
ZZ121537		0.33	<0.001	<0.2	1.50	6	<10	390	0.6	<2	0.44	<0.5	13	21	51	4.76
ZZ121538		0.41	<0.001	<0.2	0.77	9	<10	200	0.8	<2	0.32	<0.5	16	13	46	5.48
ZZ121539		0.40	0.003	<0.2	1.87	15	<10	330	0.5	<2	0.35	<0.5	11	33	26	2.92
ZZ121540		0.24	0.003	<0.2	1.42	23	<10	380	<0.5	<2	0.60	<0.5	13	32	16	3.40
ZZ121541		0.29	0.005	0.2	1.63	15	<10	490	0.6	<2	0.37	<0.5	9	30	28	3.30
ZZ121542		0.26	0.002	0.2	1.82	9	<10	570	0.7	<2	0.90	0.6	20	34	40	3.70
ZZ121543		0.19	0.005	<0.2	1.68	14	<10	680	0.5	<2	0.97	<0.5	19	25	33	4.83
ZZ121544		0.29	0.005	0.5	1.46	40	<10	1080	0.7	<2	1.40	1.0	18	26	49	3.59
ZZ121545		0.34	0.003	0.4	1.76	15	<10	950	0.6	<2	0.49	<0.5	13	35	43	3.30
ZZ121546		0.34	0.009	<0.2	1.05	5	<10	710	0.5	<2	0.21	<0.5	6	17	14	2.20
ZZ121547		0.29	0.001	<0.2	2.44	7	<10	680	0.6	<2	0.26	<0.5	18	47	74	4.47
ZZ121548		0.32	0.001	0.2	1.56	28	<10	1040	0.6	<2	1.02	0.5	16	27	38	4.13
ZZ121549		0.31	0.010	0.2	1.57	52	<10	770	0.6	<2	0.68	0.7	21	55	60	3.86
ZZ121550		0.33	<0.001	0.3	1.83	58	<10	1610	0.6	<2	0.48	0.5	16	46	54	3.60
ZZ121551		0.35	0.001	<0.2	3.00	24	<10	230	0.5	<2	0.13	<0.5	11	33	21	3.50
ZZ121552		0.37	0.003	<0.2	2.33	20	<10	270	<0.5	<2	0.16	<0.5	9	31	25	3.33
ZZ121553		0.34	<0.001	0.8	3.23	45	<10	290	0.7	<2	0.15	<0.5	8	36	26	3.86
ZZ121554		0.36	0.002	<0.2	2.18	29	<10	220	<0.5	<2	0.10	<0.5	7	28	13	3.15
ZZ121555		0.45	0.002	<0.2	2.39	26	<10	260	<0.5	<2	0.15	<0.5	10	35	20	2.87
ZZ121556		0.33	0.004	0.5	1.75	25	<10	220	0.5	<2	0.11	<0.5	5	20	21	2.21
ZZ121557		0.37	<0.001	0.2	1.99	43	<10	230	<0.5	<2	0.10	<0.5	7	26	16	3.08
ZZ121558		0.41	0.001	0.3	1.46	45	<10	180	<0.5	<2	0.10	<0.5	5	21	11	2.53
ZZ121559		0.34	<0.001	0.4	1.18	77	<10	160	<0.5	<2	0.06	<0.5	4	15	14	2.26
ZZ121560		0.38	<0.001	0.4	1.51	101	<10	190	<0.5	<2	0.09	0.5	11	25	38	3.52
ZZ121561		0.24	<0.001	<0.2	2.02	5	<10	180	<0.5	<2	0.30	<0.5	18	20	106	4.17
ZZ121562		0.24	0.002	<0.2	2.43	7	<10	370	0.6	<2	0.13	<0.5	11	26	23	3.16
ZZ121563		0.25	<0.001	<0.2	2.07	5	<10	190	0.7	<2	0.12	<0.5	9	19	38	3.27

Comments: Sample ID#73(ZZ121556)was contaminated.



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 Account: FECTRI

Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
ZZ118954		<10	<1	0.06	20	0.47	554	5	0.02	32	510	22	0.06	<2	2	23
ZZ118955		<10	<1	0.08	50	0.16	133	1	0.02	8	310	31	0.11	<2	2	39
ZZ118956		<10	<1	0.06	10	0.27	150	1	0.02	13	280	15	0.05	<2	2	14
ZZ118957		10	<1	0.08	20	0.39	233	1	0.02	19	350	23	0.07	<2	3	23
ZZ118958		<10	<1	0.06	20	0.24	152	1	0.01	12	300	22	0.05	<2	2	17
ZZ118959		<10	<1	0.06	20	0.29	170	1	0.02	14	340	19	0.05	<2	3	21
ZZ118960		<10	<1	0.08	20	0.39	247	2	0.02	17	240	36	0.07	<2	3	18
ZZ121531		10	<1	0.06	10	0.73	423	<1	0.02	22	890	7	0.01	<2	7	41
ZZ121532		<10	<1	0.06	10	0.60	403	1	0.01	17	690	8	<0.01	<2	5	34
ZZ121533		<10	<1	0.04	10	0.51	217	1	0.01	19	490	11	0.01	<2	5	30
ZZ121534		<10	1	0.04	20	0.53	221	1	0.01	19	560	11	0.01	<2	5	27
ZZ121535		<10	1	0.05	10	0.60	300	1	0.01	21	650	7	<0.01	<2	7	27
ZZ121536		<10	<1	0.06	10	0.71	437	1	0.02	28	730	11	<0.01	<2	6	30
ZZ121537		<10	<1	0.07	10	0.36	570	1	0.01	19	1020	6	0.01	<2	13	28
ZZ121538		<10	<1	0.06	10	0.18	608	1	0.01	14	1020	4	<0.01	<2	21	20
ZZ121539		10	1	0.05	10	0.49	416	1	0.01	31	540	15	0.01	<2	5	28
ZZ121540		<10	1	0.04	10	0.48	308	1	0.01	21	740	15	0.04	2	3	36
ZZ121541		<10	<1	0.05	20	0.37	297	2	0.01	27	840	16	0.04	<2	5	27
ZZ121542		<10	1	0.06	10	0.68	461	1	0.02	38	810	11	0.03	2	9	46
ZZ121543		<10	1	0.05	10	0.30	394	1	0.01	20	770	15	0.06	<2	7	49
ZZ121544		<10	1	0.05	10	0.33	920	1	0.02	46	700	21	0.05	<2	7	50
ZZ121545		<10	<1	0.06	20	0.40	401	1	0.01	34	610	36	0.01	<2	7	32
ZZ121546		<10	<1	0.07	30	0.19	145	1	0.01	13	190	15	0.01	<2	6	15
ZZ121547		10	<1	0.07	20	0.77	662	1	0.01	36	290	6	<0.01	<2	17	23
ZZ121548		<10	<1	0.05	10	0.32	515	1	0.02	28	570	13	0.04	<2	6	44
ZZ121549		<10	<1	0.06	10	0.51	468	2	0.02	125	580	12	0.03	<2	8	43
ZZ121550		<10	1	0.05	10	0.46	449	1	0.02	96	580	10	0.02	<2	7	43
ZZ121551		10	1	0.07	10	0.36	273	2	0.01	23	300	41	0.06	<2	4	15
ZZ121552		10	<1	0.06	20	0.43	250	2	0.01	21	380	32	0.03	<2	4	17
ZZ121553		10	<1	0.10	20	0.38	208	3	0.01	22	340	47	0.09	<2	4	19
ZZ121554		10	<1	0.07	20	0.32	203	2	0.01	16	220	37	0.03	3	3	15
ZZ121555		<10	1	0.06	10	0.41	272	1	0.01	21	140	31	0.03	2	4	20
ZZ121556		<10	<1	0.06	20	0.18	194	1	0.02	9	580	33	0.04	<2	4	15
ZZ121557		10	1	0.09	20	0.29	231	2	0.01	16	240	45	0.07	<2	3	17
ZZ121558		<10	1	0.10	30	0.26	168	2	0.01	12	190	54	0.05	2	2	39
ZZ121559		<10	<1	0.05	20	0.14	92	3	0.01	14	270	33	0.03	2	2	42
ZZ121560		<10	<1	0.04	20	0.28	226	10	0.01	57	550	29	0.01	<2	2	16
ZZ121561		<10	<1	0.03	10	0.98	566	<1	0.01	24	550	8	0.01	<2	11	13
ZZ121562		10	<1	0.05	20	0.49	462	1	0.01	18	290	9	0.01	<2	6	12
ZZ121563		<10	<1	0.14	20	0.73	416	1	0.01	13	210	7	<0.01	<2	11	13

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118954		<20	0.04	<10	<10	36	<10	73
ZZ118955		20	0.03	<10	<10	24	<10	21
ZZ118956		<20	0.06	<10	<10	44	<10	31
ZZ118957		<20	0.08	<10	<10	55	<10	43
ZZ118958		<20	0.07	<10	<10	42	<10	28
ZZ118959		<20	0.09	<10	<10	45	<10	36
ZZ118960		<20	0.09	<10	<10	54	<10	43
ZZ121531		<20	0.10	<10	<10	72	<10	63
ZZ121532		<20	0.08	<10	<10	64	<10	62
ZZ121533		<20	0.06	<10	<10	56	<10	56
ZZ121534		<20	0.07	<10	<10	54	<10	56
ZZ121535		<20	0.06	<10	<10	67	<10	61
ZZ121536		<20	0.08	<10	<10	79	<10	82
ZZ121537		<20	0.02	<10	<10	98	<10	68
ZZ121538		<20	0.01	<10	<10	128	<10	64
ZZ121539		<20	0.05	<10	<10	58	<10	66
ZZ121540		<20	0.03	<10	<10	51	<10	58
ZZ121541		<20	0.03	<10	<10	46	<10	82
ZZ121542		<20	0.04	<10	<10	79	<10	73
ZZ121543		<20	0.02	<10	<10	61	<10	80
ZZ121544		<20	0.03	<10	<10	53	<10	99
ZZ121545		<20	0.04	<10	<10	58	<10	75
ZZ121546		<20	0.02	<10	<10	29	<10	43
ZZ121547		<20	0.07	<10	<10	113	<10	69
ZZ121548		<20	0.04	<10	<10	60	<10	81
ZZ121549		<20	0.06	<10	<10	66	<10	106
ZZ121550		<20	0.06	<10	<10	71	<10	102
ZZ121551		<20	0.09	<10	<10	77	<10	47
ZZ121552		<20	0.09	<10	<10	74	<10	47
ZZ121553		<20	0.07	<10	<10	70	<10	49
ZZ121554		<20	0.07	<10	<10	57	<10	38
ZZ121555		<20	0.09	<10	<10	59	<10	44
ZZ121556		<20	0.05	<10	<10	45	<10	29
ZZ121557		<20	0.06	<10	<10	56	<10	42
ZZ121558		20	0.06	<10	<10	42	<10	31
ZZ121559		<20	0.03	<10	<10	33	<10	42
ZZ121560		<20	0.02	<10	<10	39	<10	141
ZZ121561		<20	0.03	<10	<10	82	<10	59
ZZ121562		<20	0.05	<10	<10	58	<10	61
ZZ121563		<20	0.08	<10	<10	51	<10	91

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: TRIFECTA GOLD LTD.  
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 Finalized Date: 13- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121564		0.35	<0.001	<0.2	1.29	3	<10	140	<0.5	<2	0.28	<0.5	7	17	12	1.83
ZZ121565		0.36	0.013	<0.2	1.75	6	<10	180	<0.5	<2	0.24	<0.5	9	23	13	2.43
ZZ121566		0.30	0.005	<0.2	1.71	4	<10	280	<0.5	<2	0.42	0.5	17	16	30	3.15
ZZ121567		0.14	<0.001	<0.2	1.22	2	<10	230	<0.5	<2	1.35	<0.5	13	42	20	2.64
ZZ121568		0.25	0.002	<0.2	2.01	<2	<10	310	0.5	<2	0.79	<0.5	18	15	56	3.88
ZZ121569		0.27	<0.001	<0.2	1.58	<2	<10	270	<0.5	<2	0.77	<0.5	18	50	56	3.55
ZZ121570		0.28	<0.001	<0.2	1.82	3	<10	170	<0.5	<2	0.27	<0.5	12	25	31	3.17
ZZ121571		0.16	0.015	<0.2	1.50	2	<10	350	<0.5	<2	0.50	<0.5	9	17	40	2.39
ZZ121572		0.33	<0.001	<0.2	1.05	2	<10	200	<0.5	<2	0.32	<0.5	8	12	30	2.16
ZZ121573		0.29	<0.001	<0.2	1.07	<2	<10	130	<0.5	<2	0.11	<0.5	8	12	23	2.12
ZZ121574		0.32	<0.001	<0.2	0.79	2	<10	130	<0.5	<2	0.14	<0.5	8	9	11	1.99
ZZ121575		0.29	<0.001	<0.2	1.95	3	<10	160	<0.5	<2	0.33	<0.5	19	37	32	4.58
ZZ121576		0.31	<0.001	<0.2	1.94	<2	<10	90	<0.5	<2	0.34	<0.5	17	274	62	2.38
ZZ121577		0.27	0.003	<0.2	2.57	3	<10	160	<0.5	<2	0.40	<0.5	19	109	31	3.52
ZZ121578		0.23	0.006	<0.2	3.36	9	<10	160	0.9	<2	0.13	<0.5	15	42	30	3.88
ZZ121579		0.26	0.007	0.7	0.76	6	<10	170	<0.5	<2	0.06	<0.5	3	8	41	2.38
ZZ121580		0.28	0.002	0.5	0.81	5	<10	150	<0.5	<2	0.06	<0.5	3	9	31	2.15
ZZ121581		0.24	0.006	0.3	1.20	7	<10	160	<0.5	<2	0.09	<0.5	4	15	41	2.96
ZZ121582		0.26	0.003	0.3	1.29	6	<10	230	<0.5	<2	0.15	<0.5	7	25	38	2.82
ZZ121583		0.27	0.004	0.5	1.93	18	<10	300	<0.5	<2	0.29	0.7	15	58	56	3.46
ZZ121584		0.28	<0.001	0.2	1.99	11	<10	370	<0.5	<2	0.50	0.9	15	52	80	3.18
ZZ121585		0.25	<0.001	<0.2	2.99	14	<10	480	0.6	<2	0.51	0.8	27	113	93	5.76
ZZ121586		0.31	<0.001	0.2	3.26	<2	<10	650	1.7	<2	1.17	<0.5	30	246	54	4.80
ZZ121587		0.30	0.001	<0.2	1.86	3	<10	170	<0.5	<2	0.34	<0.5	12	84	35	2.46
ZZ121588		0.28	<0.001	<0.2	1.85	4	<10	220	<0.5	<2	0.40	<0.5	11	55	28	2.62
ZZ121589		0.31	<0.001	<0.2	1.85	3	<10	80	<0.5	<2	0.14	<0.5	7	23	14	2.08
ZZ121590		0.30	<0.001	0.2	1.53	5	<10	120	<0.5	<2	0.22	<0.5	9	36	17	2.37
ZZ121591		0.41	<0.001	0.7	0.95	92	<10	200	<0.5	<2	0.59	1.1	15	54	64	3.59
ZZ121592		0.42	<0.001	<0.2	0.61	16	<10	320	<0.5	<2	0.24	0.5	4	20	14	1.97
ZZ121593		0.47	<0.001	<0.2	1.70	3	<10	180	<0.5	<2	0.33	<0.5	14	15	58	3.35
ZZ121594		0.37	<0.001	0.2	1.93	3	<10	300	0.6	<2	0.28	<0.5	19	24	61	5.30
ZZ121595		0.49	<0.001	<0.2	2.29	3	<10	260	0.5	<2	0.27	<0.5	19	23	75	4.94
ZZ121596		0.36	<0.001	<0.2	1.61	4	<10	150	<0.5	<2	0.20	<0.5	9	14	6	2.54
ZZ121597		0.43	<0.001	<0.2	1.66	10	<10	140	<0.5	<2	0.07	<0.5	9	19	10	3.13
ZZ121598		0.32	<0.001	<0.2	2.58	8	<10	170	<0.5	<2	0.14	<0.5	12	31	24	3.85
ZZ121599		0.32	<0.001	<0.2	1.80	4	<10	190	<0.5	<2	0.21	<0.5	12	14	33	3.16
ZZ121600		0.38	<0.001	<0.2	4.91	2	<10	100	<0.5	<2	0.13	<0.5	32	23	109	7.24
ZZ121601		0.37	<0.001	<0.2	1.94	<2	<10	140	<0.5	<2	0.29	<0.5	12	28	48	2.55
ZZ121602		0.41	0.003	<0.2	1.93	<2	<10	50	<0.5	<2	0.14	<0.5	17	157	56	2.56
ZZ121603		0.32	0.001	<0.2	0.94	2	<10	90	<0.5	<2	0.05	<0.5	3	11	14	1.54

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121564		<10	<1	0.06	10	0.44	228	1	0.01	10	420	8	0.01	<2	2	19
ZZ121565		<10	1	0.06	10	0.48	306	1	0.01	14	530	11	0.02	2	3	18
ZZ121566		<10	1	0.06	20	0.90	1890	1	0.01	13	760	11	0.03	<2	6	23
ZZ121567		<10	1	0.05	20	0.61	1300	<1	0.01	25	620	12	0.05	<2	5	68
ZZ121568		<10	<1	0.18	10	1.35	636	<1	0.01	13	420	4	0.03	2	7	36
ZZ121569		<10	<1	0.13	10	0.98	780	1	0.01	28	420	11	0.03	<2	7	30
ZZ121570		10	<1	0.06	10	0.84	321	1	0.01	16	220	9	0.01	2	4	16
ZZ121571		<10	<1	0.04	10	0.68	244	1	0.02	11	390	6	0.04	<2	4	25
ZZ121572		<10	<1	0.09	10	0.45	444	1	0.01	8	320	8	0.01	<2	4	16
ZZ121573		<10	<1	0.09	10	0.32	516	1	0.01	8	230	12	<0.01	<2	3	8
ZZ121574		<10	<1	0.10	10	0.22	458	1	0.01	9	210	9	0.01	<2	3	9
ZZ121575		10	1	0.03	10	1.15	941	1	0.01	23	680	11	0.01	<2	10	18
ZZ121576		10	<1	0.03	<10	1.88	371	<1	0.01	110	230	7	<0.01	<2	4	16
ZZ121577		10	1	0.26	<10	2.08	647	<1	0.01	84	300	12	<0.01	<2	4	17
ZZ121578		10	<1	0.07	10	0.88	435	1	0.02	27	320	11	0.01	<2	6	15
ZZ121579		<10	1	0.09	40	0.23	83	3	0.01	6	580	243	0.14	<2	1	32
ZZ121580		<10	<1	0.06	30	0.13	70	3	0.01	6	310	138	0.07	<2	1	24
ZZ121581		<10	<1	0.08	20	0.37	108	2	0.01	9	380	161	0.07	<2	2	29
ZZ121582		<10	<1	0.11	30	0.51	169	1	0.01	17	470	120	0.07	<2	3	28
ZZ121583		10	<1	0.16	30	1.07	366	3	0.02	45	570	59	0.04	<2	5	29
ZZ121584		10	1	0.08	20	1.03	369	2	0.02	42	600	18	0.02	<2	5	29
ZZ121585		10	<1	0.85	20	2.27	440	2	0.01	87	1040	12	0.01	<2	12	28
ZZ121586		10	<1	1.26	50	3.53	902	1	0.01	143	3750	17	0.05	<2	14	74
ZZ121587		<10	<1	0.04	10	1.31	280	1	0.01	37	440	7	0.01	<2	4	23
ZZ121588		10	<1	0.06	10	1.16	311	1	0.01	32	590	9	0.01	<2	4	27
ZZ121589		<10	<1	0.04	20	1.10	193	1	0.01	15	260	12	<0.01	<2	3	14
ZZ121590		10	<1	0.07	10	0.83	301	1	0.01	19	260	10	0.01	<2	3	19
ZZ121591		<10	<1	0.07	10	0.93	320	11	0.01	165	1800	109	0.01	<2	4	35
ZZ121592		<10	<1	0.04	10	0.10	200	5	0.01	20	580	18	0.02	<2	2	25
ZZ121593		<10	<1	0.07	10	1.01	317	<1	0.01	15	390	11	0.01	<2	8	16
ZZ121594		10	1	0.13	20	1.14	767	1	0.01	22	730	40	0.02	<2	14	16
ZZ121595		10	<1	0.13	10	1.65	852	<1	0.01	19	890	10	0.01	<2	14	13
ZZ121596		<10	<1	0.04	10	0.26	412	1	0.01	9	180	8	0.01	<2	3	12
ZZ121597		10	<1	0.11	10	0.31	510	1	0.01	8	280	24	0.01	<2	3	8
ZZ121598		10	<1	0.05	10	0.63	304	1	0.01	20	260	9	0.01	2	4	16
ZZ121599		10	<1	0.09	<10	0.87	319	1	0.02	9	360	5	0.02	<2	2	16
ZZ121600		10	<1	0.19	<10	4.58	576	1	0.01	22	180	8	0.01	<2	24	13
ZZ121601		10	<1	0.25	<10	1.70	336	<1	0.01	16	300	8	0.02	<2	5	13
ZZ121602		10	<1	0.02	<10	1.96	327	<1	0.01	59	150	6	<0.01	<2	3	11
ZZ121603		<10	<1	0.09	10	0.13	416	1	0.01	6	240	28	0.01	<2	1	7

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ121564		<20	0.05	<10	<10	40	<10	47
ZZ121565		<20	0.05	<10	<10	55	<10	54
ZZ121566		<20	0.04	<10	<10	61	<10	124
ZZ121567		<20	0.02	<10	<10	46	<10	91
ZZ121568		<20	0.07	<10	<10	81	<10	64
ZZ121569		<20	0.04	<10	<10	80	<10	60
ZZ121570		<20	0.06	<10	<10	74	<10	52
ZZ121571		<20	0.06	<10	<10	58	<10	40
ZZ121572		<20	0.03	<10	<10	37	<10	34
ZZ121573		<20	0.03	<10	<10	29	<10	33
ZZ121574		<20	0.01	<10	<10	19	<10	30
ZZ121575		<20	0.01	<10	<10	87	<10	62
ZZ121576		<20	0.09	<10	<10	60	<10	38
ZZ121577		<20	0.17	<10	<10	80	<10	75
ZZ121578		<20	0.14	<10	<10	82	<10	66
ZZ121579		<20	0.01	<10	<10	19	<10	92
ZZ121580		<20	0.02	<10	<10	24	<10	80
ZZ121581		<20	0.05	<10	<10	29	<10	104
ZZ121582		<20	0.06	<10	<10	33	<10	127
ZZ121583		<20	0.09	<10	<10	64	<10	142
ZZ121584		<20	0.09	<10	<10	56	<10	203
ZZ121585		<20	0.23	<10	<10	111	<10	374
ZZ121586		20	0.17	<10	<10	125	<10	111
ZZ121587		<20	0.09	<10	<10	53	<10	43
ZZ121588		<20	0.09	<10	<10	58	<10	45
ZZ121589		<20	0.05	<10	<10	32	<10	48
ZZ121590		<20	0.11	<10	<10	58	<10	42
ZZ121591		<20	0.02	<10	<10	34	<10	240
ZZ121592		<20	0.01	<10	<10	24	<10	42
ZZ121593		<20	0.02	<10	<10	56	<10	48
ZZ121594		<20	0.02	<10	<10	111	<10	295
ZZ121595		<20	0.06	<10	<10	127	<10	439
ZZ121596		<20	0.01	<10	<10	35	<10	28
ZZ121597		<20	0.04	<10	<10	51	<10	36
ZZ121598		<20	0.11	<10	<10	78	<10	46
ZZ121599		<20	0.12	<10	<10	75	<10	45
ZZ121600		<20	0.11	<10	<10	233	<10	74
ZZ121601		<20	0.07	<10	<10	71	<10	40
ZZ121602		<20	0.08	<10	<10	56	<10	38
ZZ121603		<20	0.04	<10	<10	27	<10	26

Comments: Sample ID#73(ZZ121556)was contaminated.

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**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121604		0.32	<0.001	<0.2	1.35	2	<10	110	<0.5	<2	0.37	<0.5	10	5	12	2.99
ZZ121605		0.39	<0.001	<0.2	0.57	16	<10	120	<0.5	<2	0.04	<0.5	2	5	9	1.68
ZZ121606		0.25	<0.001	<0.2	1.39	7	<10	230	<0.5	2	0.21	<0.5	7	13	25	2.90
ZZ121607		0.34	<0.001	<0.2	2.87	4	<10	210	<0.5	<2	0.24	<0.5	16	13	68	5.05
ZZ121608		0.27	<0.001	<0.2	3.44	3	<10	110	<0.5	<2	0.23	<0.5	24	24	70	5.55
ZZ121609		0.34	<0.001	<0.2	2.48	2	<10	150	<0.5	<2	0.26	<0.5	15	25	54	4.03
ZZ121610		0.32	<0.001	<0.2	1.86	<2	<10	150	0.5	<2	0.32	<0.5	13	28	29	2.96
ZZ121611		0.38	0.006	<0.2	1.22	4	<10	190	<0.5	<2	0.17	<0.5	6	18	24	1.89
ZZ121612		0.32	0.001	<0.2	1.63	6	<10	220	<0.5	<2	0.22	<0.5	8	23	17	2.34
ZZ121613		0.29	0.001	<0.2	1.87	8	<10	310	<0.5	<2	0.11	<0.5	8	23	15	2.59
ZZ121614		0.16	0.022	0.4	1.13	4	<10	1050	<0.5	<2	0.31	0.5	2	12	16	1.26
ZZ121615		0.25	<0.001	<0.2	1.35	5	<10	180	<0.5	<2	0.16	<0.5	7	26	14	2.20
ZZ121616		0.34	0.001	<0.2	1.73	7	<10	150	<0.5	<2	0.26	<0.5	13	36	15	2.78
ZZ121617		0.27	0.003	<0.2	2.11	8	<10	150	<0.5	<2	0.19	<0.5	12	35	13	3.02
ZZ121618		0.26	0.009	<0.2	1.37	6	<10	150	<0.5	<2	0.16	<0.5	7	33	12	2.65
ZZ121619		0.31	0.004	0.2	1.72	4	<10	200	<0.5	<2	0.37	<0.5	18	46	27	2.66
ZZ121620		0.35	<0.001	<0.2	3.84	4	<10	100	0.7	<2	0.24	<0.5	29	178	22	4.90
ZZ121621		0.26	0.001	<0.2	2.94	12	<10	110	0.5	<2	0.14	<0.5	13	36	18	3.31
ZZ121622		0.32	0.009	<0.2	1.99	5	<10	110	<0.5	<2	0.18	<0.5	17	19	18	3.17
ZZ121623		0.37	0.005	<0.2	1.86	5	<10	140	<0.5	<2	0.11	<0.5	14	26	25	3.15
ZZ121624		0.28	0.001	<0.2	1.32	4	<10	70	<0.5	<2	0.07	<0.5	10	17	17	2.00
ZZ121625		0.32	<0.001	<0.2	3.12	12	<10	170	0.6	<2	0.15	<0.5	16	38	28	3.83
ZZ121626		0.43	0.010	<0.2	1.97	6	<10	210	<0.5	<2	0.23	<0.5	11	37	19	2.62
ZZ121627		0.33	0.001	<0.2	1.48	6	<10	230	<0.5	<2	0.19	<0.5	6	24	24	2.04
ZZ121628		0.35	0.004	0.2	1.67	6	<10	220	<0.5	<2	0.27	<0.5	9	30	18	2.26
ZZ121629		0.30	0.009	0.2	1.61	5	<10	240	<0.5	<2	0.28	<0.5	8	26	19	2.10
ZZ121630		0.44	0.001	<0.2	2.13	9	<10	240	0.5	<2	0.21	<0.5	11	32	25	3.07
ZZ121631		0.38	0.002	<0.2	1.35	10	<10	170	<0.5	<2	0.12	<0.5	7	22	13	2.55
ZZ121632		0.37	0.008	0.3	1.83	31	<10	490	0.5	<2	0.35	0.7	16	33	43	3.73
ZZ121633		0.40	0.009	0.9	2.80	51	<10	540	0.8	<2	0.21	0.6	19	50	59	4.27
ZZ121634		0.29	<0.001	<0.2	2.37	7	<10	230	0.7	<2	0.22	<0.5	15	236	32	3.08
ZZ121635		0.34	0.009	<0.2	3.30	5	<10	510	1.1	<2	0.48	<0.5	33	495	45	4.61
ZZ121636		0.36	0.006	<0.2	1.89	11	<10	120	<0.5	<2	0.13	<0.5	10	45	15	3.49
ZZ121637		0.37	0.002	<0.2	2.11	6	<10	260	<0.5	<2	0.15	<0.5	7	31	61	3.18
ZZ121638		0.39	0.005	<0.2	2.36	8	<10	310	0.5	<2	0.14	<0.5	11	34	42	3.35
ZZ121639		0.45	0.005	0.2	0.71	272	<10	630	0.9	<2	0.20	3.6	41	17	139	6.11
ZZ121640		0.41	0.004	<0.2	3.46	12	<10	300	0.7	<2	0.15	1.3	23	54	59	4.46
ZZ121661		0.43	0.003	<0.2	3.06	12	<10	220	0.5	<2	0.14	0.6	14	45	29	3.51
ZZ121662		0.31	0.004	0.2	2.94	9	<10	400	0.6	<2	0.22	0.5	16	46	33	3.51
ZZ121663		0.36	0.005	<0.2	1.63	9	<10	270	0.6	<2	0.16	<0.5	16	28	38	3.53

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte Units LOR	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
ZZ121604		<10	<1	0.22	20	0.86	1620	<1	<0.01	7	1890	7	<0.01	<2	4	17
ZZ121605		<10	<1	0.06	30	0.06	89	<1	0.02	4	250	13	0.10	<2	1	21
ZZ121606		<10	1	0.06	30	0.44	537	1	0.01	9	850	11	0.05	<2	4	14
ZZ121607		10	<1	0.03	10	2.11	1540	2	0.01	12	880	5	0.04	<2	10	14
ZZ121608		10	<1	0.05	10	2.75	1470	1	<0.01	19	880	13	0.01	<2	11	9
ZZ121609		10	1	0.03	10	1.73	536	1	0.01	17	670	6	0.02	<2	7	12
ZZ121610		10	<1	0.11	10	1.31	503	<1	<0.01	16	650	3	<0.01	<2	5	14
ZZ121611		<10	1	0.06	10	0.42	290	<1	0.01	10	300	7	0.01	<2	4	13
ZZ121612		<10	<1	0.07	20	0.35	226	1	0.01	19	420	14	0.01	<2	3	20
ZZ121613		10	<1	0.06	20	0.25	207	2	0.01	17	280	14	0.02	<2	3	13
ZZ121614		<10	<1	0.04	60	0.06	30	<1	0.01	11	1170	13	0.12	3	1	35
ZZ121615		<10	1	0.09	20	0.41	228	1	0.01	13	400	26	0.03	<2	2	15
ZZ121616		10	<1	0.09	10	0.84	360	1	0.01	19	620	7	0.02	<2	2	21
ZZ121617		10	<1	0.13	10	0.79	412	1	0.01	20	330	9	0.02	<2	3	17
ZZ121618		10	<1	0.04	10	0.39	167	2	0.01	12	290	9	0.02	<2	2	17
ZZ121619		<10	<1	0.12	10	0.97	286	<1	0.01	18	700	5	0.02	<2	2	26
ZZ121620		10	1	0.05	10	3.44	857	1	<0.01	37	320	5	0.01	<2	4	25
ZZ121621		10	<1	0.06	10	0.44	259	1	0.01	27	340	11	0.02	<2	4	14
ZZ121622		10	1	0.03	20	0.79	369	1	0.01	13	550	9	0.02	<2	2	18
ZZ121623		<10	<1	0.04	10	0.55	648	1	<0.01	15	300	11	0.01	<2	5	10
ZZ121624		<10	1	0.03	10	0.29	357	<1	0.01	9	260	6	0.01	<2	2	8
ZZ121625		10	<1	0.05	10	0.55	545	1	0.01	28	340	11	0.01	<2	5	14
ZZ121626		10	1	0.06	20	0.80	401	1	0.01	24	490	15	0.01	<2	3	17
ZZ121627		<10	1	0.06	40	0.45	240	1	0.01	19	310	30	<0.01	<2	4	18
ZZ121628		<10	1	0.13	30	0.68	353	1	0.01	19	470	31	0.01	<2	4	23
ZZ121629		<10	1	0.07	20	0.53	353	1	0.01	17	410	19	0.01	<2	3	23
ZZ121630		10	1	0.09	20	0.76	296	1	0.01	21	230	12	<0.01	<2	5	19
ZZ121631		10	<1	0.06	20	0.32	329	2	0.01	13	260	31	0.01	<2	2	12
ZZ121632		<10	1	0.05	10	0.34	722	6	0.01	54	760	23	0.01	2	4	33
ZZ121633		10	<1	0.06	20	0.56	482	5	0.01	90	470	29	0.01	<2	8	20
ZZ121634		10	<1	0.25	10	1.36	291	1	0.02	58	530	10	<0.01	<2	5	19
ZZ121635		10	1	0.51	20	2.33	984	1	0.01	145	920	11	0.01	<2	13	33
ZZ121636		10	1	0.07	20	0.55	368	2	0.01	16	360	13	0.01	<2	3	13
ZZ121637		<10	<1	0.11	30	1.24	426	1	0.01	19	500	14	0.15	<2	4	33
ZZ121638		<10	<1	0.06	30	0.56	315	2	0.01	21	250	58	0.03	<2	4	23
ZZ121639		<10	1	0.07	40	0.11	3030	22	<0.01	142	1140	82	<0.01	2	10	36
ZZ121640		10	<1	0.09	20	1.25	513	2	0.01	38	320	17	0.01	<2	7	18
ZZ121661		10	1	0.06	10	0.69	362	1	0.01	29	250	14	0.01	<2	6	16
ZZ121662		10	<1	0.06	10	0.69	757	1	0.01	29	320	15	0.01	<2	7	19
ZZ121663		<10	<1	0.05	20	0.29	383	3	0.01	43	300	20	<0.01	<2	6	22

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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Project: Trident (Squid)

CERTIFICATE OF ANALYSIS WH17203070
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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
Zn		2					
ZZ121604	<20	0.11	<10	<10	41	<10	63
ZZ121605	<20	0.02	<10	<10	17	<10	52
ZZ121606	<20	0.03	<10	<10	39	<10	217
ZZ121607	<20	0.02	<10	<10	93	<10	111
ZZ121608	<20	0.05	<10	<10	133	<10	92
ZZ121609	<20	0.03	<10	<10	73	<10	51
ZZ121610	<20	0.06	<10	<10	75	<10	44
ZZ121611	<20	0.03	<10	<10	36	<10	34
ZZ121612	<20	0.06	<10	<10	44	<10	46
ZZ121613	<20	0.06	<10	<10	59	<10	51
ZZ121614	<20	0.02	<10	<10	16	<10	13
ZZ121615	<20	0.04	<10	<10	37	<10	47
ZZ121616	<20	0.09	<10	<10	62	<10	60
ZZ121617	<20	0.09	<10	<10	54	<10	57
ZZ121618	<20	0.11	<10	<10	78	<10	36
ZZ121619	<20	0.09	<10	<10	47	<10	63
ZZ121620	<20	0.12	<10	<10	63	<10	90
ZZ121621	<20	0.08	<10	<10	68	<10	52
ZZ121622	<20	0.04	<10	<10	41	<10	59
ZZ121623	<20	0.02	<10	<10	28	<10	56
ZZ121624	<20	0.03	<10	<10	23	<10	29
ZZ121625	<20	0.08	<10	<10	66	<10	58
ZZ121626	<20	0.06	<10	<10	54	<10	52
ZZ121627	20	0.06	<10	<10	42	<10	54
ZZ121628	<20	0.07	<10	<10	47	<10	55
ZZ121629	<20	0.07	<10	<10	44	<10	47
ZZ121630	<20	0.11	<10	<10	65	<10	55
ZZ121631	<20	0.07	<10	<10	58	<10	41
ZZ121632	<20	0.04	<10	<10	59	<10	98
ZZ121633	<20	0.06	<10	<10	68	<10	111
ZZ121634	<20	0.13	<10	<10	87	<10	45
ZZ121635	<20	0.17	<10	<10	136	<10	66
ZZ121636	<20	0.08	<10	<10	76	<10	57
ZZ121637	20	0.05	<10	<10	37	<10	145
ZZ121638	<20	0.06	<10	<10	51	<10	140
ZZ121639	<20	0.01	<10	<10	27	<10	659
ZZ121640	<20	0.07	<10	<10	71	<10	353
ZZ121661	<20	0.08	<10	<10	74	<10	150
ZZ121662	<20	0.08	<10	<10	73	<10	125
ZZ121663	<20	0.02	<10	<10	50	<10	85

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121664		0.39	0.008	<0.2	1.68	13	<10	240	0.8	<2	0.18	<0.5	10	26	23	2.51
ZZ121665		0.45	0.025	<0.2	1.38	21	<10	350	0.7	<2	0.22	<0.5	15	23	27	4.34
ZZ121666		0.44	0.002	<0.2	1.80	8	<10	1050	0.6	<2	0.28	<0.5	14	29	27	4.21
ZZ121667		0.40	0.003	0.2	2.58	13	<10	590	0.6	<2	0.17	<0.5	12	37	28	3.37
ZZ121668		0.44	0.008	<0.2	2.17	7	<10	490	<0.5	<2	0.14	<0.5	9	27	18	2.94
ZZ121669		0.41	0.002	<0.2	1.74	7	<10	400	<0.5	<2	0.21	<0.5	10	31	44	3.28
ZZ121670		0.41	<0.001	<0.2	1.07	3	<10	1950	0.9	<2	0.18	<0.5	6	10	23	2.41
ZZ121671		0.39	0.012	<0.2	1.05	3	<10	1470	1.0	<2	0.17	<0.5	22	12	144	5.76
ZZ121672		0.40	0.009	0.2	2.06	13	<10	2250	0.6	<2	0.25	<0.5	14	34	41	3.93
ZZ121673		0.42	0.013	<0.2	2.81	10	<10	430	0.6	<2	0.23	<0.5	14	51	33	3.32
ZZ121674		0.38	0.005	<0.2	2.44	10	<10	580	0.6	<2	0.25	<0.5	13	40	33	3.31
ZZ121675		0.35	0.004	<0.2	1.93	5	<10	490	0.7	<2	0.15	<0.5	15	25	18	4.40
ZZ121676		0.36	0.003	<0.2	1.49	11	<10	340	0.6	<2	0.16	<0.5	9	26	19	2.79
ZZ121677		0.35	0.005	<0.2	2.66	28	<10	370	0.5	<2	0.19	<0.5	11	41	30	3.49
ZZ121678		0.38	0.005	0.2	2.34	54	<10	380	<0.5	<2	0.18	<0.5	12	30	33	3.30
ZZ121679		0.31	<0.001	<0.2	1.17	15	<10	200	<0.5	<2	0.12	<0.5	6	17	26	2.28
ZZ121680		0.31	0.003	0.2	1.76	152	<10	860	0.8	<2	0.36	<0.5	8	32	29	3.56
ZZ121691		0.24	0.008	<0.2	1.87	4	<10	190	<0.5	<2	0.08	<0.5	10	31	39	2.99
ZZ121692		0.26	0.002	<0.2	1.49	5	<10	200	<0.5	<2	0.05	<0.5	5	17	64	3.14
ZZ121693		0.30	0.009	<0.2	1.85	6	<10	310	<0.5	<2	0.15	<0.5	8	29	32	2.73
ZZ121694		0.28	0.007	<0.2	1.84	8	<10	200	<0.5	<2	0.10	<0.5	6	24	18	2.85
ZZ121695		0.30	0.005	<0.2	1.76	5	<10	260	<0.5	<2	0.15	<0.5	5	25	28	3.06
ZZ121696		0.28	0.005	<0.2	1.60	4	<10	310	<0.5	2	0.09	<0.5	4	19	54	3.46
ZZ121697		0.28	0.005	<0.2	1.53	5	<10	320	<0.5	2	0.26	<0.5	7	25	43	3.04
ZZ121698		0.37	0.003	0.5	0.99	6	<10	280	<0.5	2	0.07	<0.5	4	14	94	3.53
ZZ121699		0.31	0.006	0.4	2.24	7	<10	440	<0.5	<2	0.11	<0.5	11	35	130	4.34
ZZ121700		0.31	0.009	1.2	1.24	7	<10	340	<0.5	2	0.16	<0.5	6	22	177	5.11
ZZ121701		0.27	<0.001	<0.2	1.95	4	<10	180	<0.5	<2	0.19	<0.5	10	32	29	2.50
ZZ121702		0.31	0.003	<0.2	2.03	4	<10	180	<0.5	<2	0.27	<0.5	10	33	26	2.67
ZZ121703		0.33	<0.001	<0.2	3.59	4	<10	390	1.0	<2	0.67	<0.5	26	28	12	4.99
ZZ121704		0.33	0.001	<0.2	1.67	6	<10	170	<0.5	<2	0.28	<0.5	7	30	16	2.18
ZZ121705		0.25	0.005	<0.2	1.83	35	<10	250	<0.5	<2	0.32	<0.5	13	54	33	3.15
ZZ121706		0.19	0.005	0.2	2.10	9	<10	190	<0.5	<2	0.26	<0.5	9	33	24	2.60
ZZ121707		0.29	0.002	<0.2	1.61	8	<10	240	<0.5	<2	0.22	<0.5	8	33	22	2.24
ZZ121708		0.30	0.002	<0.2	1.65	7	<10	150	<0.5	<2	0.20	<0.5	7	27	17	2.21
ZZ121709		0.28	0.005	<0.2	1.70	9	<10	220	<0.5	<2	0.23	<0.5	10	41	20	2.49
ZZ121710		0.27	0.006	<0.2	1.91	10	<10	280	<0.5	<2	0.26	<0.5	12	35	24	3.04
ZZ121711		0.26	0.002	<0.2	1.34	5	<10	150	<0.5	<2	0.12	<0.5	14	16	73	3.26
ZZ121712		0.31	0.004	<0.2	0.60	4	<10	170	<0.5	<2	0.07	<0.5	3	9	81	3.91
ZZ121713		0.29	0.011	1.4	1.28	6	<10	190	<0.5	8	0.07	<0.5	6	19	89	4.14

Comments: Sample ID#73(ZZ121556)was contaminated.



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**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121664		<10	1	0.06	60	0.39	404	2	0.01	26	190	28	<0.01	<2	4	20
ZZ121665		<10	<1	0.06	10	0.30	779	1	0.01	20	400	11	0.01	2	7	18
ZZ121666		<10	1	0.05	20	0.42	582	1	0.01	21	340	10	0.01	<2	9	26
ZZ121667		10	1	0.05	10	0.47	365	1	0.01	27	200	10	0.01	<2	7	18
ZZ121668		10	<1	0.06	20	0.34	280	1	0.01	20	200	15	0.01	<2	4	18
ZZ121669		10	<1	0.05	10	0.38	346	1	0.01	22	420	7	0.01	2	6	18
ZZ121670		<10	1	0.11	40	0.10	498	1	<0.01	13	320	25	0.01	<2	4	29
ZZ121671		<10	<1	0.11	20	0.20	879	<1	<0.01	20	740	4	0.01	<2	17	16
ZZ121672		10	<1	0.06	20	0.40	598	1	0.01	32	390	21	0.01	<2	9	26
ZZ121673		10	<1	0.06	20	0.63	476	1	0.02	30	360	8	0.01	<2	9	21
ZZ121674		10	1	0.05	20	0.61	555	1	0.02	30	230	8	<0.01	<2	8	27
ZZ121675		<10	<1	0.06	20	0.35	874	1	0.01	18	330	6	0.01	2	16	18
ZZ121676		<10	<1	0.07	20	0.32	370	1	0.01	19	260	27	0.01	2	4	17
ZZ121677		10	<1	0.04	10	0.48	309	2	0.01	27	200	15	<0.01	<2	5	22
ZZ121678		10	<1	0.05	10	0.39	655	1	0.01	29	330	21	0.01	<2	6	21
ZZ121679		<10	1	0.04	10	0.12	176	1	0.01	17	590	23	0.02	<2	1	14
ZZ121680		<10	1	0.09	60	0.33	457	2	0.01	19	430	417	0.02	<2	8	25
ZZ121691		<10	<1	0.09	40	0.93	543	2	0.01	17	250	12	0.06	<2	4	19
ZZ121692		<10	<1	0.15	40	0.59	229	3	0.01	13	500	15	0.19	<2	2	30
ZZ121693		<10	<1	0.06	30	0.68	325	1	0.01	18	210	17	0.05	<2	5	23
ZZ121694		10	1	0.08	20	0.58	226	2	0.01	13	320	12	0.07	<2	3	17
ZZ121695		10	1	0.11	30	0.84	230	2	0.01	15	330	23	0.15	<2	4	29
ZZ121696		<10	1	0.23	30	0.96	254	3	0.02	13	600	25	0.38	<2	3	48
ZZ121697		<10	<1	0.13	30	0.85	330	2	0.02	18	590	36	0.18	2	4	46
ZZ121698		<10	1	0.13	40	0.29	140	3	0.05	9	630	517	0.35	<2	2	52
ZZ121699		10	1	0.10	30	0.86	436	3	0.02	21	360	102	0.15	<2	5	27
ZZ121700		<10	1	0.27	40	0.54	382	2	0.08	18	570	503	0.69	<2	4	63
ZZ121701		10	<1	0.06	20	0.85	440	1	0.01	18	490	23	0.01	2	4	17
ZZ121702		10	<1	0.06	20	1.09	301	1	0.01	20	380	25	0.01	<2	4	20
ZZ121703		10	1	0.72	10	2.97	1150	1	0.01	16	890	5	0.01	<2	8	32
ZZ121704		<10	1	0.05	20	0.63	220	1	0.01	18	530	12	0.01	<2	3	21
ZZ121705		<10	1	0.06	20	0.64	432	3	0.01	71	680	15	<0.01	<2	5	25
ZZ121706		<10	<1	0.07	20	0.67	241	2	0.01	24	420	16	0.03	<2	3	23
ZZ121707		<10	<1	0.05	10	0.59	372	1	0.01	26	390	14	0.02	<2	4	19
ZZ121708		<10	<1	0.07	20	0.58	242	1	0.01	17	330	12	0.02	<2	4	17
ZZ121709		<10	<1	0.06	20	0.59	352	1	0.01	24	380	15	0.02	<2	5	20
ZZ121710		10	<1	0.07	20	0.56	611	1	0.01	24	480	21	0.02	<2	4	21
ZZ121711		<10	<1	0.08	30	0.40	512	1	0.02	14	740	46	0.15	<2	3	37
ZZ121712		<10	<1	0.15	60	0.13	103	4	0.12	6	500	68	0.65	<2	2	59
ZZ121713		<10	<1	0.08	30	0.28	156	5	0.04	10	340	297	0.22	<2	3	30

Comments: Sample ID#73(ZZ121556)was contaminated.



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 Account: FECTRI

Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ121664		20	0.04	<10	<10	49	<10	60
ZZ121665		<20	0.02	<10	<10	54	<10	68
ZZ121666		<20	0.04	<10	<10	65	<10	74
ZZ121667		<20	0.09	<10	<10	76	<10	60
ZZ121668		<20	0.05	<10	<10	56	<10	50
ZZ121669		<20	0.05	<10	<10	86	<10	50
ZZ121670		<20	<0.01	<10	<10	16	<10	55
ZZ121671		<20	0.01	<10	<10	117	<10	73
ZZ121672		<20	0.05	<10	<10	70	<10	74
ZZ121673		<20	0.10	<10	<10	75	<10	56
ZZ121674		<20	0.10	<10	<10	73	<10	68
ZZ121675		<20	0.04	<10	<10	71	<10	76
ZZ121676		<20	0.04	<10	<10	47	<10	44
ZZ121677		<20	0.07	<10	<10	74	<10	67
ZZ121678		<20	0.07	<10	<10	67	<10	68
ZZ121679		<20	0.02	<10	<10	35	<10	41
ZZ121680		<20	0.03	<10	<10	70	<10	49
ZZ121691		20	0.07	<10	<10	34	<10	92
ZZ121692		20	0.04	<10	<10	27	<10	160
ZZ121693		<20	0.06	<10	<10	46	<10	88
ZZ121694		<20	0.09	<10	<10	55	<10	55
ZZ121695		<20	0.09	<10	<10	40	<10	88
ZZ121696		<20	0.15	<10	<10	32	<10	164
ZZ121697		<20	0.10	<10	<10	41	<10	139
ZZ121698		20	0.03	<10	<10	22	<10	141
ZZ121699		20	0.04	<10	<10	41	<10	239
ZZ121700		20	0.03	<10	<10	26	<10	318
ZZ121701		<20	0.05	<10	<10	47	<10	67
ZZ121702		<20	0.07	<10	<10	56	<10	65
ZZ121703		<20	0.11	<10	<10	104	<10	55
ZZ121704		<20	0.07	<10	<10	46	<10	50
ZZ121705		<20	0.05	<10	<10	58	<10	96
ZZ121706		<20	0.06	<10	<10	53	<10	68
ZZ121707		<20	0.08	<10	<10	50	<10	53
ZZ121708		<20	0.09	<10	<10	51	<10	49
ZZ121709		<20	0.10	<10	<10	54	<10	53
ZZ121710		<20	0.07	<10	<10	57	<10	85
ZZ121711		<20	0.04	<10	<10	31	<10	176
ZZ121712		20	0.03	<10	<10	13	<10	98
ZZ121713		<20	0.05	<10	<10	39	<10	99

Comments: Sample ID#73(ZZ121556)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Account: FECTRI

Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203070**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- ICP41



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**Plus Appendix Pages**  
**Finalized Date: 10- OCT- 2017**  
**Account: FECTRI**

**CERTIFICATE WH17203073**

Project: Trident (Squid)

This report is for 169 Soil samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016- 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121714		0.26	0.010	0.9	1.83	4	<10	220	<0.5	5	0.12	<0.5	5	23	220	5.32
ZZ121715		0.32	0.009	0.8	1.20	5	<10	170	<0.5	3	0.05	<0.5	4	20	92	3.73
ZZ121716		0.30	0.021	0.8	1.03	7	<10	520	<0.5	3	0.09	<0.5	5	21	94	3.47
ZZ121717		0.30	0.004	0.7	0.74	6	<10	380	<0.5	2	0.03	<0.5	2	10	102	4.10
ZZ121718		0.26	0.004	<0.2	2.68	5	<10	430	0.7	2	0.19	1.7	21	58	103	4.13
ZZ121719		0.32	0.005	<0.2	3.14	8	<10	340	0.8	<2	0.18	0.6	16	46	35	3.83
ZZ121720		0.38	0.006	0.3	0.69	22	<10	210	0.6	<2	0.16	<0.5	4	11	14	1.44
ZZ121721		0.37	0.004	0.7	0.62	5	<10	280	<0.5	<2	0.37	1.3	17	13	68	4.40
ZZ121722		0.36	0.005	<0.2	0.89	28	<10	490	0.7	<2	0.17	<0.5	16	16	36	3.98
ZZ121723		0.34	0.014	<0.2	0.76	99	<10	420	0.8	2	0.21	<0.5	15	14	76	4.31
ZZ121724		0.27	0.003	0.2	1.56	5	<10	1160	0.5	<2	0.11	<0.5	6	14	23	2.74
ZZ121725		0.28	0.009	0.2	2.01	8	<10	180	<0.5	2	0.24	<0.5	13	40	27	3.13
ZZ121726		0.33	0.003	<0.2	2.43	7	<10	150	<0.5	<2	0.25	<0.5	13	47	22	3.37
ZZ121727		0.33	0.006	<0.2	2.53	5	<10	140	<0.5	<2	0.24	<0.5	15	57	24	3.09
ZZ121728		0.25	0.003	<0.2	2.16	6	<10	260	<0.5	3	0.38	<0.5	15	53	27	3.04
ZZ121729		0.27	0.003	<0.2	2.06	2	<10	180	<0.5	<2	0.23	<0.5	11	37	18	2.45
ZZ121730		0.36	0.003	0.2	2.36	6	<10	270	0.5	<2	0.36	<0.5	13	45	24	2.93
ZZ121731		0.36	0.010	<0.2	1.79	6	<10	260	<0.5	2	0.40	<0.5	10	37	23	2.60
ZZ121732		0.32	0.003	0.2	2.05	4	<10	210	<0.5	<2	0.32	<0.5	10	37	17	2.46
ZZ121733		0.30	0.006	0.2	2.30	7	<10	460	0.6	<2	0.55	<0.5	14	37	27	2.86
ZZ121734		0.33	0.005	0.2	1.78	2	<10	250	<0.5	<2	0.42	<0.5	8	33	17	2.27
ZZ121735		0.34	0.006	<0.2	1.94	8	<10	270	<0.5	3	0.40	<0.5	10	33	23	2.78
ZZ121736		0.34	0.005	<0.2	1.74	6	<10	210	<0.5	<2	0.34	<0.5	8	26	18	2.54
ZZ121737		0.38	0.006	0.2	2.14	7	<10	540	0.6	<2	0.48	<0.5	10	30	37	3.16
ZZ121738		0.31	0.004	0.3	2.22	4	<10	540	0.7	<2	0.58	<0.5	12	37	58	3.46
ZZ121739		0.28	0.005	<0.2	2.05	7	<10	260	<0.5	<2	0.37	<0.5	9	30	22	2.83
ZZ121740		0.32	0.003	<0.2	1.88	5	<10	210	<0.5	<2	0.32	<0.5	8	27	17	2.62
ZZ121741		0.38	0.002	0.3	1.75	26	<10	2990	0.5	2	0.42	<0.5	10	37	51	3.05
ZZ121742		0.29	0.002	0.4	1.79	28	<10	3160	0.6	<2	0.41	0.6	19	51	54	3.82
ZZ121743		0.29	0.002	0.3	1.62	18	<10	1880	0.6	<2	1.02	<0.5	17	34	48	2.99
ZZ121744		0.31	0.002	<0.2	2.11	6	<10	510	0.5	<2	0.50	<0.5	16	45	29	3.52
ZZ121745		0.33	0.002	0.2	1.72	7	<10	760	0.5	3	0.26	<0.5	13	58	22	3.40
ZZ121746		0.35	0.002	0.3	1.47	250	<10	600	0.5	<2	0.46	<0.5	13	26	28	3.44
ZZ121747		0.37	0.001	<0.2	1.67	13	<10	330	0.5	<2	0.38	<0.5	12	37	40	3.43
ZZ121748		0.35	0.001	<0.2	1.96	5	<10	360	<0.5	<2	0.29	<0.5	31	180	83	4.29
ZZ121749		0.37	0.002	0.3	1.40	38	<10	540	0.6	<2	0.74	<0.5	32	106	82	4.72
ZZ121750		0.35	0.002	<0.2	2.01	10	<10	180	<0.5	<2	0.23	<0.5	17	70	59	2.98
ZZ121751		0.35	0.002	<0.2	1.93	32	<10	190	<0.5	<2	0.24	<0.5	14	54	46	2.73
ZZ121752		0.41	0.004	0.4	1.90	45	<10	390	<0.5	<2	0.22	<0.5	10	33	37	3.28
ZZ121753		0.27	0.001	<0.2	1.63	19	<10	340	<0.5	<2	0.13	0.5	8	25	39	2.76



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**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121714		10	1	0.10	30	1.42	365	1	0.02	12	490	356	0.26	<2	8	52
ZZ121715		<10	1	0.11	30	0.26	121	4	0.04	12	380	289	0.31	<2	3	29
ZZ121716		<10	<1	0.21	30	0.36	189	3	0.03	14	400	404	0.41	<2	3	37
ZZ121717		<10	<1	0.31	40	0.25	83	4	0.07	7	700	499	0.74	<2	2	72
ZZ121718		10	<1	0.05	20	1.31	774	1	<0.01	27	380	27	0.02	<2	7	21
ZZ121719		10	<1	0.08	20	0.87	416	1	<0.01	27	210	22	0.01	<2	5	18
ZZ121720		<10	<1	0.08	50	0.18	234	1	<0.01	10	180	110	0.01	<2	2	27
ZZ121721		<10	<1	0.06	30	0.17	577	15	<0.01	89	770	35	0.07	<2	4	53
ZZ121722		<10	<1	0.06	40	0.18	762	2	<0.01	41	350	21	0.01	<2	6	25
ZZ121723		<10	<1	0.06	50	0.09	473	3	<0.01	56	400	22	0.01	<2	5	20
ZZ121724		<10	1	0.10	40	0.16	275	1	<0.01	12	320	18	0.03	<2	4	25
ZZ121725		10	<1	0.06	10	0.77	806	1	<0.01	21	370	10	0.03	<2	5	18
ZZ121726		10	<1	0.07	10	0.97	512	1	0.01	25	420	8	0.03	<2	5	20
ZZ121727		10	<1	0.06	10	1.12	590	<1	<0.01	28	410	9	0.02	<2	5	16
ZZ121728		10	<1	0.06	10	0.94	511	1	0.01	25	430	10	0.03	<2	6	22
ZZ121729		10	<1	0.05	10	0.73	391	<1	0.01	22	370	10	0.02	<2	4	18
ZZ121730		10	1	0.06	20	0.78	467	1	0.01	25	470	11	0.02	<2	5	27
ZZ121731		10	<1	0.05	20	0.68	388	1	0.01	23	520	9	0.02	<2	5	29
ZZ121732		10	<1	0.06	10	0.65	365	1	0.01	19	470	12	0.03	<2	4	24
ZZ121733		10	<1	0.06	20	0.59	587	1	0.01	24	750	14	0.05	<2	6	39
ZZ121734		<10	<1	0.05	20	0.62	213	<1	0.01	19	490	10	0.03	<2	4	28
ZZ121735		10	<1	0.05	10	0.58	311	1	0.01	22	570	9	0.02	<2	5	29
ZZ121736		10	<1	0.05	10	0.52	189	<1	0.01	16	450	8	0.02	<2	4	25
ZZ121737		10	<1	0.06	20	0.65	304	<1	0.01	20	660	8	0.03	<2	8	30
ZZ121738		10	<1	0.09	20	0.67	459	1	0.01	25	760	8	0.03	<2	8	30
ZZ121739		10	<1	0.05	10	0.62	241	<1	0.01	18	540	8	0.02	<2	4	27
ZZ121740		10	<1	0.05	10	0.59	223	1	0.01	15	510	6	0.02	<2	4	26
ZZ121741		10	<1	0.05	10	0.48	519	2	0.01	36	650	9	0.06	<2	7	43
ZZ121742		10	<1	0.10	20	0.59	1055	3	<0.01	49	640	21	0.10	<2	6	40
ZZ121743		10	<1	0.06	20	0.46	675	1	0.01	36	620	12	0.10	<2	7	67
ZZ121744		10	<1	0.06	10	0.69	728	1	0.01	27	420	10	0.03	<2	9	32
ZZ121745		10	<1	0.06	20	0.56	526	1	<0.01	37	260	10	0.02	<2	8	23
ZZ121746		<10	<1	0.06	20	0.34	465	1	0.01	28	550	127	0.03	<2	5	28
ZZ121747		10	<1	0.05	20	0.46	368	1	0.01	26	570	12	0.02	<2	7	26
ZZ121748		<10	<1	0.06	<10	1.06	683	<1	<0.01	99	180	23	0.02	<2	11	20
ZZ121749		<10	1	0.06	10	0.97	709	1	<0.01	104	240	56	0.03	<2	23	35
ZZ121750		10	<1	0.03	10	1.03	321	<1	<0.01	48	140	14	0.02	<2	5	18
ZZ121751		10	<1	0.05	10	0.62	352	1	0.01	31	260	31	0.02	<2	4	20
ZZ121752		10	<1	0.06	20	0.41	392	2	<0.01	29	430	22	0.02	<2	5	23
ZZ121753		10	<1	0.06	10	0.26	356	2	0.01	25	470	20	0.04	2	2	20





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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Ti	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
ZZ121714		<20	0.06	<10	<10	48	<10
ZZ121715		<20	0.03	<10	<10	30	<10
ZZ121716		<20	0.03	<10	<10	25	<10
ZZ121717		30	0.01	<10	<10	11	<10
ZZ121718		<20	0.05	<10	<10	58	<10
ZZ121719		<20	0.07	<10	<10	74	<10
ZZ121720		30	0.01	<10	<10	17	<10
ZZ121721		20	0.01	<10	<10	19	<10
ZZ121722		<20	0.01	<10	<10	27	<10
ZZ121723		<20	<0.01	<10	<10	23	<10
ZZ121724		<20	0.01	<10	<10	25	<10
ZZ121725		<20	0.06	<10	<10	45	<10
ZZ121726		<20	0.10	<10	<10	66	<10
ZZ121727		<20	0.10	<10	<10	59	<10
ZZ121728		<20	0.08	<10	<10	59	<10
ZZ121729		<20	0.08	<10	<10	51	<10
ZZ121730		<20	0.09	<10	<10	64	<10
ZZ121731		<20	0.09	<10	<10	56	<10
ZZ121732		<20	0.09	<10	<10	53	<10
ZZ121733		<20	0.07	<10	<10	57	<10
ZZ121734		<20	0.08	<10	<10	49	<10
ZZ121735		<20	0.08	<10	<10	58	<10
ZZ121736		<20	0.06	<10	<10	60	<10
ZZ121737		<20	0.05	<10	<10	70	<10
ZZ121738		<20	0.06	<10	<10	72	<10
ZZ121739		<20	0.08	<10	<10	63	<10
ZZ121740		<20	0.09	<10	<10	62	<10
ZZ121741		<20	0.09	<10	<10	62	<10
ZZ121742		<20	0.04	<10	<10	55	<10
ZZ121743		<20	0.04	<10	<10	63	<10
ZZ121744		<20	0.06	<10	<10	78	<10
ZZ121745		<20	0.06	<10	<10	68	<10
ZZ121746		<20	0.03	<10	<10	45	<10
ZZ121747		<20	0.05	<10	<10	79	<10
ZZ121748		<20	0.01	<10	<10	81	<10
ZZ121749		<20	<0.01	<10	<10	120	<10
ZZ121750		<20	0.08	<10	<10	74	<10
ZZ121751		<20	0.08	<10	<10	63	<10
ZZ121752		<20	0.05	<10	<10	61	<10
ZZ121753		<20	0.05	<10	<10	54	<10



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**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121771		0.33	0.003	0.2	1.85	8	<10	310	0.5	<2	0.49	<0.5	11	39	32	3.00
ZZ121772		0.38	0.001	<0.2	2.53	10	<10	510	0.6	<2	0.44	<0.5	13	42	36	3.51
ZZ121773		0.25	0.006	<0.2	2.30	7	<10	450	0.6	3	0.58	<0.5	13	37	29	3.52
ZZ121774		0.34	<0.001	<0.2	1.80	2	<10	410	0.5	<2	0.64	<0.5	20	12	30	4.88
ZZ121775		0.32	0.002	<0.2	1.10	5	<10	520	0.5	<2	0.34	<0.5	10	19	45	2.88
ZZ121776		0.29	0.003	<0.2	2.46	<2	<10	450	0.8	<2	1.60	<0.5	17	17	99	3.74
ZZ121777		0.35	<0.001	0.2	1.38	6	<10	350	<0.5	2	0.43	<0.5	9	28	33	2.47
ZZ121778		0.28	0.006	<0.2	2.00	7	<10	310	<0.5	<2	0.23	<0.5	12	31	31	3.27
ZZ121779		0.37	0.001	<0.2	1.61	5	<10	710	0.8	3	0.76	<0.5	22	33	44	5.31
ZZ121780		0.34	0.001	<0.2	1.14	<2	<10	420	0.9	<2	0.33	<0.5	40	10	62	7.59
ZZ121781		0.27	<0.001	<0.2	1.32	3	<10	440	0.7	<2	0.34	<0.5	15	23	26	4.89
ZZ121782		0.35	0.002	<0.2	2.26	8	<10	330	0.5	<2	0.28	<0.5	11	37	22	3.58
ZZ121783		0.33	0.003	0.2	2.17	16	<10	1490	0.7	<2	0.43	<0.5	13	39	38	3.38
ZZ121784		0.23	0.002	0.3	2.50	18	<10	580	0.5	<2	0.22	<0.5	11	38	25	3.58
ZZ121785		0.28	0.002	<0.2	2.31	22	<10	250	0.6	<2	0.17	<0.5	15	37	30	3.53
ZZ121786		0.29	<0.001	0.2	1.28	3	<10	170	<0.5	<2	0.04	<0.5	7	12	119	2.72
ZZ121787		0.28	0.003	<0.2	2.33	5	<10	850	0.6	2	0.09	<0.5	19	34	89	5.22
ZZ121788		0.31	<0.001	<0.2	2.81	10	<10	450	0.8	<2	0.14	<0.5	14	38	31	3.36
ZZ121789		0.23	0.005	0.3	3.38	8	<10	300	0.9	2	0.13	<0.5	8	43	25	3.76
ZZ121790		0.21	0.001	<0.2	3.63	11	<10	250	0.8	<2	0.13	<0.5	16	43	25	3.70
ZZ121791		0.22	0.002	0.5	3.06	13	<10	410	0.5	2	0.16	<0.5	10	39	22	3.58
ZZ121792		0.32	0.003	2.3	2.22	72	<10	870	0.5	<2	0.08	<0.5	8	33	102	4.96
ZZ121793		0.29	0.004	1.9	3.35	17	<10	540	0.6	2	0.14	<0.5	14	46	37	3.63
ZZ121794		0.15	0.004	<0.2	1.69	19	<10	140	<0.5	<2	0.10	<0.5	6	24	25	3.41
ZZ121795		0.33	<0.001	0.5	1.10	13	<10	440	0.7	3	0.03	0.6	16	14	124	5.43
ZZ121796		0.28	0.003	<0.2	1.93	6	<10	300	<0.5	<2	0.20	<0.5	13	40	26	3.44
ZZ121797		0.34	0.001	<0.2	2.86	5	<10	200	<0.5	2	0.11	<0.5	20	46	25	4.92
ZZ121798		0.27	0.002	<0.2	2.78	7	<10	210	<0.5	<2	0.26	<0.5	24	127	51	3.74
ZZ121799		0.30	0.001	<0.2	1.70	9	<10	140	<0.5	<2	0.11	<0.5	9	29	27	3.45
ZZ121800		0.35	0.001	0.2	2.05	11	<10	690	0.6	<2	0.34	<0.5	12	37	50	3.39
ZZ121801		0.32	0.004	0.2	1.48	28	<10	480	0.5	<2	0.39	<0.5	13	31	60	3.20
ZZ121802		0.32	0.003	0.3	1.74	16	<10	590	0.5	<2	0.31	<0.5	11	32	39	3.13
ZZ121803		0.31	0.002	<0.2	2.78	15	<10	430	0.9	2	0.39	<0.5	23	105	36	4.54
ZZ121804		0.31	0.002	<0.2	2.22	7	<10	560	0.8	<2	0.41	<0.5	15	37	25	4.48
ZZ121805		0.32	0.002	<0.2	2.71	11	<10	340	0.6	2	0.26	<0.5	13	48	27	3.96
ZZ121806		0.30	0.002	<0.2	2.47	10	<10	210	0.5	2	0.17	<0.5	13	43	29	3.85
ZZ121807		0.30	0.001	<0.2	1.95	4	<10	750	0.9	<2	0.44	<0.5	23	30	64	6.27
ZZ121808		0.33	<0.001	<0.2	1.78	6	<10	750	0.5	<2	0.37	<0.5	12	27	19	3.69
ZZ121816		0.21	0.005	0.2	2.96	11	<10	250	0.6	2	0.15	<0.5	15	48	20	3.93
ZZ121817		0.28	<0.001	<0.2	3.24	2	<10	580	0.8	3	0.77	<0.5	34	208	89	6.00



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121771		10	1	0.07	10	0.65	405	<1	0.02	27	630	7	0.03	<2	6	38
ZZ121772		10	<1	0.06	20	0.66	434	1	0.01	29	530	9	0.02	<2	9	37
ZZ121773		10	<1	0.09	10	0.89	481	<1	0.01	25	960	7	0.03	<2	8	43
ZZ121774		10	<1	0.29	20	0.62	1390	<1	<0.01	14	2380	5	0.02	<2	6	25
ZZ121775		<10	<1	0.10	10	0.29	533	<1	<0.01	20	600	6	0.02	<2	6	21
ZZ121776		10	<1	0.04	10	1.06	640	1	0.01	16	1880	5	0.06	<2	10	57
ZZ121777		<10	<1	0.05	10	0.43	217	1	0.01	23	590	9	0.02	<2	6	25
ZZ121778		10	<1	0.06	10	0.41	391	1	0.01	24	260	10	0.02	<2	6	20
ZZ121779		<10	<1	0.10	10	0.38	927	1	0.01	36	1170	7	0.03	<2	11	40
ZZ121780		<10	<1	0.09	<10	0.31	1605	<1	<0.01	15	800	3	0.02	<2	25	15
ZZ121781		<10	<1	0.06	10	0.26	763	<1	<0.01	18	820	5	0.02	<2	14	19
ZZ121782		10	<1	0.05	10	0.51	326	1	0.01	24	270	7	0.02	<2	7	26
ZZ121783		10	<1	0.05	20	0.55	475	1	0.01	34	360	9	0.02	2	8	30
ZZ121784		10	<1	0.04	10	0.44	321	1	0.01	25	440	11	0.02	<2	6	22
ZZ121785		10	<1	0.05	10	0.45	392	1	<0.01	30	260	10	0.02	<2	6	20
ZZ121786		<10	<1	0.09	80	0.12	239	<1	<0.01	13	270	21	0.02	<2	4	11
ZZ121787		10	1	0.12	10	0.36	667	1	<0.01	26	420	14	0.03	<2	8	13
ZZ121788		10	<1	0.07	20	0.51	375	2	0.01	27	200	13	0.02	<2	6	18
ZZ121789		10	<1	0.04	10	0.29	156	1	0.01	19	320	24	0.03	<2	6	15
ZZ121790		10	1	0.08	10	0.53	384	1	0.01	32	340	13	0.03	2	6	15
ZZ121791		10	<1	0.05	10	0.53	202	1	0.01	26	300	12	0.02	<2	5	17
ZZ121792		10	<1	0.07	10	0.28	150	10	0.02	55	950	18	0.18	<2	4	77
ZZ121793		10	<1	0.05	10	0.56	355	2	0.01	30	390	10	0.03	<2	7	19
ZZ121794		10	<1	0.03	10	0.20	140	2	<0.01	22	330	13	0.03	<2	3	16
ZZ121795		<10	1	0.06	30	0.07	361	10	0.01	88	1090	27	0.10	<2	3	54
ZZ121796		10	<1	0.04	10	0.45	298	1	0.01	31	230	9	0.02	<2	7	18
ZZ121797		10	1	0.05	10	1.53	617	3	<0.01	31	280	7	0.02	<2	9	12
ZZ121798		10	<1	0.04	10	1.75	467	1	0.01	62	300	6	0.03	<2	6	22
ZZ121799		10	<1	0.05	10	0.27	278	3	0.01	27	510	12	0.03	<2	4	14
ZZ121800		10	<1	0.06	20	0.56	457	2	0.01	40	380	13	0.02	<2	8	34
ZZ121801		10	<1	0.07	20	0.45	449	4	0.01	39	640	12	0.02	<2	6	31
ZZ121802		<10	<1	0.05	20	0.52	328	2	0.01	34	460	11	0.02	<2	7	26
ZZ121803		10	<1	0.08	20	1.57	759	1	0.01	79	810	12	0.02	<2	9	27
ZZ121804		10	<1	0.07	20	0.47	573	1	0.01	28	470	10	0.02	<2	14	33
ZZ121805		10	<1	0.06	10	0.64	333	1	0.01	30	170	9	0.02	<2	8	26
ZZ121806		10	<1	0.06	10	0.59	297	1	0.01	28	160	9	0.02	<2	6	17
ZZ121807		10	<1	0.15	20	0.53	863	<1	0.01	26	890	5	0.03	<2	18	24
ZZ121808		10	<1	0.07	20	0.35	497	1	<0.01	21	530	8	0.02	<2	8	25
ZZ121816		10	<1	0.06	10	0.48	448	1	0.01	30	310	11	0.02	<2	7	18
ZZ121817		10	<1	0.20	20	2.82	693	1	0.01	130	1270	5	0.02	<2	14	37



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
Zn							2
ZZ121771	<20	0.10	<10	<10	69	<10	62
ZZ121772	<20	0.11	<10	<10	79	<10	61
ZZ121773	<20	0.10	<10	<10	75	<10	69
ZZ121774	<20	0.05	<10	<10	65	<10	85
ZZ121775	<20	0.04	<10	<10	48	<10	57
ZZ121776	<20	0.03	<10	<10	87	<10	54
ZZ121777	<20	0.07	<10	<10	53	<10	52
ZZ121778	<20	0.06	<10	<10	66	<10	51
ZZ121779	<20	0.04	<10	<10	98	<10	72
ZZ121780	<20	<0.01	<10	<10	134	<10	87
ZZ121781	<20	0.03	<10	<10	80	<10	70
ZZ121782	<20	0.08	<10	<10	71	<10	51
ZZ121783	<20	0.08	<10	<10	73	<10	71
ZZ121784	<20	0.09	<10	<10	79	<10	51
ZZ121785	<20	0.07	<10	<10	70	<10	61
ZZ121786	30	0.01	<10	<10	32	<10	52
ZZ121787	<20	0.03	<10	<10	118	<10	76
ZZ121788	<20	0.08	<10	<10	69	<10	50
ZZ121789	<20	0.08	<10	<10	70	<10	33
ZZ121790	<20	0.09	<10	<10	70	<10	50
ZZ121791	<20	0.10	<10	<10	78	<10	57
ZZ121792	<20	0.06	<10	<10	89	<10	233
ZZ121793	<20	0.10	<10	<10	82	<10	75
ZZ121794	<20	0.08	<10	<10	79	<10	85
ZZ121795	<20	0.01	<10	<10	38	<10	369
ZZ121796	<20	0.06	<10	<10	68	<10	52
ZZ121797	<20	0.02	<10	<10	72	<10	77
ZZ121798	<20	0.10	<10	<10	75	<10	52
ZZ121799	<20	0.06	<10	<10	65	<10	62
ZZ121800	<20	0.09	<10	<10	67	<10	89
ZZ121801	<20	0.09	<10	<10	67	<10	121
ZZ121802	<20	0.08	<10	<10	64	<10	87
ZZ121803	<20	0.09	<10	<10	103	<10	78
ZZ121804	<20	0.06	<10	<10	84	<10	82
ZZ121805	<20	0.09	<10	<10	84	<10	65
ZZ121806	<20	0.09	<10	<10	88	<10	60
ZZ121807	<20	0.05	<10	<10	130	<10	84
ZZ121808	<20	0.04	<10	<10	72	<10	55
ZZ121816	<20	0.12	<10	<10	84	<10	49
ZZ121817	<20	0.18	<10	<10	147	<10	89



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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121818		0.30	0.004	<0.2	1.83	11	<10	700	0.6	<2	1.57	<0.5	14	32	41	3.27
ZZ121819		0.24	0.002	0.2	1.98	11	<10	140	<0.5	<2	0.12	<0.5	7	26	18	2.61
ZZ121891		0.33	<0.001	<0.2	2.18	36	<10	160	0.5	<2	0.11	<0.5	12	30	33	3.61
ZZ121892		0.40	0.002	<0.2	1.97	14	<10	260	0.5	4	0.17	<0.5	16	29	35	5.68
ZZ121893		0.28	0.002	<0.2	2.36	14	<10	150	0.8	<2	0.09	<0.5	16	28	55	4.65
ZZ121894		0.36	0.004	<0.2	2.70	10	<10	240	0.5	<2	0.17	<0.5	10	38	22	3.57
ZZ121895		0.29	0.002	<0.2	2.59	5	<10	250	0.5	<2	0.13	<0.5	14	41	28	4.08
ZZ121896		0.26	<0.001	<0.2	1.37	16	<10	260	0.5	<2	0.18	<0.5	10	23	25	3.57
ZZ121897		0.30	0.003	<0.2	2.19	10	<10	170	<0.5	<2	0.14	<0.5	10	31	17	3.32
ZZ121898		0.33	0.001	<0.2	2.34	9	<10	220	0.6	<2	0.12	<0.5	13	37	27	3.72
ZZ121899		0.30	0.001	<0.2	1.93	8	<10	260	0.5	<2	0.12	<0.5	10	24	18	3.43
ZZ121900		0.32	0.004	<0.2	2.15	7	<10	370	0.5	<2	0.25	<0.5	16	26	23	4.32
ZZ121901		0.28	<0.001	<0.2	1.37	7	<10	140	<0.5	<2	0.09	<0.5	5	18	15	2.52
ZZ121902		0.33	0.002	<0.2	1.68	24	<10	110	0.5	<2	0.10	<0.5	10	21	16	3.44
ZZ121903		0.28	0.002	<0.2	1.62	8	<10	110	1.2	<2	0.07	<0.5	22	21	41	8.25
ZZ121904		0.29	<0.001	<0.2	2.31	4	<10	220	0.5	<2	0.32	<0.5	15	15	26	4.81
ZZ121905		0.30	0.002	<0.2	3.16	4	<10	180	0.8	<2	0.13	<0.5	16	37	13	4.94
ZZ121906		0.33	0.001	<0.2	1.69	9	<10	330	<0.5	<2	0.12	<0.5	9	23	16	2.88
ZZ121907		0.17	0.001	<0.2	0.51	<2	<10	40	<0.5	<2	0.03	<0.5	1	6	3	0.83
ZZ121908		0.33	<0.001	<0.2	0.51	5	<10	210	0.8	2	0.32	<0.5	9	3	16	2.51
ZZ121909		0.25	0.005	<0.2	2.02	7	<10	340	0.5	<2	0.24	<0.5	10	27	24	2.96
ZZ121986		0.41	0.002	<0.2	2.19	2	<10	80	<0.5	<2	0.24	<0.5	18	155	82	2.90
ZZ121987		0.44	0.001	<0.2	2.68	2	<10	100	<0.5	<2	0.32	<0.5	22	136	99	3.63
ZZ121988		0.38	<0.001	<0.2	2.10	3	<10	120	<0.5	<2	0.33	<0.5	17	89	70	3.11
ZZ121989		0.35	<0.001	<0.2	1.98	4	<10	200	<0.5	<2	0.45	<0.5	12	58	47	2.98
ZZ121990		0.29	0.001	<0.2	2.17	6	<10	340	<0.5	<2	0.38	<0.5	13	46	45	3.00
ZZ122091		0.37	0.001	<0.2	2.26	5	<10	260	<0.5	<2	0.33	<0.5	13	81	49	3.07
ZZ122092		0.35	<0.001	<0.2	1.01	5	<10	60	<0.5	<2	0.11	<0.5	10	13	89	3.09
ZZ122093		0.48	<0.001	<0.2	1.26	3	<10	100	<0.5	<2	0.13	<0.5	15	15	59	3.18
ZZ122094		0.39	0.002	<0.2	1.73	5	<10	200	<0.5	<2	0.27	<0.5	10	43	37	2.87
ZZ122095		0.37	<0.001	<0.2	1.53	3	<10	180	<0.5	<2	0.30	<0.5	8	27	26	2.41
ZZ122096		0.37	0.001	<0.2	1.39	5	<10	190	<0.5	<2	0.22	<0.5	7	26	21	2.23
ZZ122097		0.40	0.001	<0.2	2.35	5	<10	240	<0.5	<2	0.50	<0.5	15	71	61	3.41
ZZ122098		0.49	0.002	<0.2	2.37	4	<10	230	<0.5	<2	0.51	<0.5	18	49	73	3.77
ZZ122099		0.46	<0.001	<0.2	2.45	3	<10	280	<0.5	<2	0.51	<0.5	18	49	74	3.97
ZZ122100		0.36	0.003	0.2	2.15	7	<10	390	<0.5	<2	0.81	<0.5	17	41	59	3.46
ZZ122101		0.37	0.006	<0.2	2.09	7	<10	480	<0.5	<2	0.83	<0.5	14	49	49	3.29
ZZ122102		0.44	0.080	<0.2	2.09	6	<10	360	<0.5	<2	0.67	<0.5	19	47	48	3.48
ZZ122103		0.42	0.012	<0.2	1.76	12	<10	420	0.5	<2	0.75	<0.5	14	40	34	3.39
ZZ122104		0.30	0.006	0.2	1.52	4	<10	390	<0.5	<2	0.86	<0.5	8	28	28	2.50



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121818		10	<1	0.07	10	0.59	476	<1	0.03	31	480	10	0.04	<2	6	51
ZZ121819		10	<1	0.05	10	0.31	129	1	<0.01	15	280	11	0.03	<2	3	15
ZZ121891		10	<1	0.07	20	0.42	252	2	<0.01	30	300	35	0.01	<2	4	13
ZZ121892		10	<1	0.20	20	0.64	664	3	<0.01	25	470	157	<0.01	<2	8	17
ZZ121893		<10	<1	0.20	40	0.57	291	3	<0.01	39	370	25	0.02	<2	4	14
ZZ121894		10	<1	0.05	10	0.49	290	1	0.01	24	200	13	<0.01	<2	4	21
ZZ121895		10	<1	0.31	30	0.76	408	1	<0.01	28	260	10	0.01	<2	7	15
ZZ121896		<10	<1	0.24	40	0.52	459	4	<0.01	19	290	19	0.01	<2	5	17
ZZ121897		10	<1	0.06	10	0.46	292	1	0.01	19	220	10	<0.01	<2	4	16
ZZ121898		10	<1	0.07	10	0.53	338	1	<0.01	22	180	11	<0.01	<2	5	14
ZZ121899		<10	<1	0.07	20	0.34	187	1	<0.01	20	280	11	<0.01	<2	4	12
ZZ121900		10	<1	0.20	10	0.81	795	1	0.01	19	630	8	<0.01	<2	7	19
ZZ121901		10	<1	0.04	10	0.15	169	1	<0.01	10	220	12	<0.01	<2	2	12
ZZ121902		<10	<1	0.11	20	0.34	310	1	<0.01	19	590	13	0.01	<2	3	6
ZZ121903		<10	<1	0.09	10	0.07	1205	3	<0.01	23	630	15	0.01	<2	9	6
ZZ121904		10	<1	0.15	10	0.84	547	1	0.01	10	1050	6	0.01	<2	4	33
ZZ121905		10	<1	0.06	10	1.23	448	1	<0.01	14	230	9	<0.01	<2	12	14
ZZ121906		<10	<1	0.06	10	0.31	180	1	<0.01	20	280	10	<0.01	<2	3	14
ZZ121907		<10	<1	0.02	<10	0.03	32	<1	0.01	2	170	2	0.01	<2	1	6
ZZ121908		<10	<1	0.10	20	0.05	387	<1	<0.01	6	1080	11	<0.01	<2	4	20
ZZ121909		10	<1	0.05	30	0.49	353	1	0.01	18	520	8	0.01	<2	5	21
ZZ121986		10	<1	0.05	<10	1.97	530	<1	<0.01	75	410	2	0.01	<2	4	13
ZZ121987		10	<1	0.06	<10	2.50	615	<1	<0.01	52	320	<2	0.01	<2	8	12
ZZ121988		10	<1	0.06	<10	1.74	584	<1	<0.01	37	310	<2	0.01	<2	4	13
ZZ121989		10	<1	0.05	10	1.04	581	<1	0.01	26	460	6	0.02	<2	5	23
ZZ121990		10	<1	0.04	10	0.96	382	<1	0.01	27	310	8	0.01	<2	6	21
ZZ122091		10	<1	0.04	10	1.30	489	1	0.01	41	290	8	0.01	<2	8	26
ZZ122092		<10	<1	0.06	40	0.55	512	2	<0.01	7	540	34	<0.01	<2	3	8
ZZ122093		<10	<1	0.08	10	0.55	686	<1	<0.01	12	380	14	<0.01	<2	6	8
ZZ122094		<10	<1	0.04	10	0.78	528	1	0.01	24	270	10	<0.01	<2	7	20
ZZ122095		<10	<1	0.03	10	0.52	573	<1	<0.01	17	350	9	<0.01	<2	6	18
ZZ122096		<10	<1	0.03	10	0.52	435	<1	<0.01	16	260	8	<0.01	<2	6	16
ZZ122097		10	<1	0.04	10	1.27	510	1	0.01	36	490	10	0.01	<2	7	23
ZZ122098		10	<1	0.05	10	1.41	618	<1	0.01	30	580	10	0.01	<2	8	28
ZZ122099		10	<1	0.06	10	1.39	742	<1	0.01	31	520	8	0.01	<2	10	27
ZZ122100		<10	<1	0.07	10	1.18	618	1	0.01	35	760	12	0.02	<2	8	35
ZZ122101		10	1	0.06	10	1.04	683	1	0.01	35	680	10	0.02	<2	7	36
ZZ122102		10	<1	0.05	10	1.08	642	<1	0.01	31	630	10	0.02	<2	7	33
ZZ122103		<10	<1	0.09	20	0.72	412	2	0.02	29	600	12	0.04	<2	6	42
ZZ122104		<10	<1	0.11	20	0.46	267	1	0.01	20	310	15	0.04	<2	5	48



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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Ti	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10
Zn							2
ZZ121818	<20	0.08	<10	<10	67	<10	73
ZZ121819	<20	0.07	<10	<10	63	<10	39
ZZ121891	<20	0.04	<10	<10	55	<10	81
ZZ121892	<20	0.08	<10	<10	78	<10	99
ZZ121893	<20	0.05	<10	<10	55	<10	151
ZZ121894	<20	0.09	<10	<10	72	<10	54
ZZ121895	<20	0.14	<10	<10	78	<10	75
ZZ121896	<20	0.10	<10	<10	49	<10	91
ZZ121897	<20	0.07	<10	<10	66	<10	50
ZZ121898	<20	0.08	<10	<10	68	<10	69
ZZ121899	<20	0.03	<10	<10	52	<10	66
ZZ121900	<20	0.09	<10	<10	74	<10	73
ZZ121901	<20	0.05	<10	<10	53	<10	35
ZZ121902	<20	0.02	<10	<10	35	<10	89
ZZ121903	<20	<0.01	<10	<10	74	<10	140
ZZ121904	<20	0.06	<10	<10	91	<10	82
ZZ121905	<20	0.04	<10	<10	108	<10	84
ZZ121906	<20	0.04	<10	<10	46	<10	54
ZZ121907	<20	0.04	<10	<10	19	<10	8
ZZ121908	<20	<0.01	<10	<10	14	<10	106
ZZ121909	<20	0.06	<10	<10	57	<10	60
ZZ121986	<20	0.09	<10	<10	66	<10	43
ZZ121987	<20	0.09	<10	<10	97	<10	56
ZZ121988	<20	0.09	<10	<10	82	<10	49
ZZ121989	<20	0.08	<10	<10	80	<10	46
ZZ121990	<20	0.08	<10	<10	75	<10	50
ZZ122091	<20	0.08	<10	<10	73	<10	66
ZZ122092	20	<0.01	<10	<10	28	<10	203
ZZ122093	<20	0.01	<10	<10	43	<10	64
ZZ122094	<20	0.07	<10	<10	56	<10	62
ZZ122095	<20	0.06	<10	<10	43	<10	49
ZZ122096	<20	0.05	<10	<10	40	<10	44
ZZ122097	<20	0.07	<10	<10	74	<10	59
ZZ122098	<20	0.06	<10	<10	72	<10	69
ZZ122099	<20	0.06	<10	<10	87	<10	63
ZZ122100	<20	0.04	<10	<10	72	<10	83
ZZ122101	<20	0.05	<10	<10	68	<10	72
ZZ122102	<20	0.05	<10	<10	75	<10	67
ZZ122103	<20	0.08	<10	<10	65	<10	76
ZZ122104	<20	0.06	<10	<10	49	<10	58



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Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ122105		0.25	0.003	0.3	1.08	15	<10	600	<0.5	<2	1.30	0.5	10	22	39	2.55
ZZ122106		0.36	0.008	0.5	1.03	48	<10	820	0.6	<2	0.68	1.0	14	25	57	2.95
ZZ122107		0.41	0.005	0.2	1.28	23	<10	810	0.5	<2	0.61	<0.5	10	24	48	2.92
ZZ122108		0.35	0.001	0.2	1.11	24	<10	390	<0.5	<2	1.06	<0.5	9	20	34	2.58
ZZ122109		0.32	0.005	<0.2	1.42	29	<10	450	<0.5	<2	0.38	<0.5	10	26	30	2.92
ZZ122110		0.44	0.001	<0.2	0.51	4	<10	340	<0.5	<2	0.16	<0.5	6	6	46	2.40
ZZ122111		0.42	0.002	0.2	1.86	13	<10	560	0.6	<2	0.57	<0.5	13	38	34	3.08
ZZ122112		0.52	0.001	<0.2	1.90	9	<10	330	0.5	<2	0.63	<0.5	13	41	37	3.03
ZZ122113		0.30	0.002	<0.2	1.62	7	<10	330	<0.5	<2	0.62	<0.5	10	30	35	2.59
ZZ122057		0.27	0.001	<0.2	2.06	5	<10	250	<0.5	<2	0.72	<0.5	16	61	50	3.22
ZZ122058		0.31	<0.001	<0.2	1.68	4	<10	180	<0.5	<2	0.39	<0.5	10	41	25	2.45
ZZ122059		0.10	0.002	0.2	1.75	3	<10	330	<0.5	<2	1.04	<0.5	12	52	62	2.37
ZZ122060		0.29	0.003	<0.2	2.21	4	<10	260	<0.5	<2	0.50	<0.5	17	78	77	3.33
ZZ122061		0.18	0.002	<0.2	2.07	4	<10	310	0.5	<2	0.85	<0.5	15	50	78	3.00
ZZ122062		0.20	0.002	<0.2	2.28	3	<10	180	<0.5	<2	0.73	<0.5	21	65	61	3.72
ZZ122063		0.31	0.001	<0.2	2.89	3	<10	180	<0.5	<2	0.68	<0.5	30	45	90	4.82
ZZ122064		0.32	0.005	0.3	3.07	5	<10	260	<0.5	<2	0.57	<0.5	31	28	149	5.21
ZZ122065		0.25	0.001	<0.2	2.21	9	<10	350	<0.5	<2	0.82	<0.5	15	33	45	3.44
ZZ122066		0.24	<0.001	<0.2	2.18	10	<10	400	0.5	<2	0.54	<0.5	17	35	46	3.66
ZZ122067		0.26	0.002	<0.2	1.56	12	<10	360	<0.5	<2	0.59	<0.5	13	29	25	3.12
ZZ122068		0.15	<0.001	<0.2	1.28	7	<10	420	<0.5	<2	0.62	<0.5	11	46	25	2.19
ZZ122069		0.28	0.002	0.2	1.97	4	<10	190	<0.5	<2	0.16	<0.5	9	52	49	3.01
ZZ122070		0.39	<0.001	<0.2	3.00	5	<10	290	0.7	<2	0.07	<0.5	23	241	27	5.88
ZZ122071		0.33	<0.001	<0.2	2.48	7	<10	280	0.5	<2	0.12	<0.5	15	32	48	4.30
ZZ122072		0.29	0.001	<0.2	2.18	9	<10	430	<0.5	<2	0.12	<0.5	8	28	17	3.04
ZZ122073		0.26	0.002	<0.2	2.83	10	<10	320	<0.5	<2	0.13	<0.5	14	38	42	4.56
ZZ122074		0.39	<0.001	<0.2	1.52	6	<10	350	0.5	<2	0.15	<0.5	10	31	36	3.19
ZZ122075		0.28	<0.001	<0.2	2.46	9	<10	410	0.6	<2	0.14	<0.5	9	31	18	3.06
ZZ122076		0.44	<0.001	<0.2	1.63	5	<10	280	<0.5	3	0.14	<0.5	7	19	35	4.20
ZZ122077		0.38	<0.001	<0.2	0.85	3	<10	390	<0.5	<2	0.13	<0.5	5	11	29	1.75
ZZ122078		0.34	0.002	<0.2	1.26	4	<10	290	<0.5	5	0.16	<0.5	15	18	40	5.35
ZZ122079		0.31	<0.001	<0.2	1.80	9	<10	190	<0.5	<2	0.16	<0.5	6	31	15	2.77
ZZ122080		0.33	0.003	0.2	2.03	5	<10	280	<0.5	2	0.33	<0.5	14	69	28	3.60
ZZ122081		0.27	0.001	<0.2	2.35	3	<10	210	0.5	3	0.19	<0.5	11	41	17	3.43
ZZ122082		0.29	0.001	0.2	1.90	25	<10	540	0.7	2	0.35	0.5	57	510	47	6.65
ZZ122083		0.34	<0.001	0.2	1.97	10	<10	430	<0.5	<2	0.27	<0.5	10	33	29	2.76
ZZ122084		0.25	0.004	<0.2	2.10	18	<10	490	0.5	<2	0.47	<0.5	12	37	33	3.22
ZZ122085		0.16	0.001	<0.2	1.65	11	<10	350	<0.5	<2	0.74	<0.5	13	34	40	3.02
ZZ122086		0.31	0.002	<0.2	1.63	9	<10	310	<0.5	<2	0.66	<0.5	11	32	29	2.83
ZZ122087		0.27	0.003	<0.2	1.73	10	<10	350	<0.5	<2	0.64	<0.5	10	31	30	2.57





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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ122105		<10	<1	0.06	20	0.37	559	2	0.01	28	640	17	0.06	<2	4	73
ZZ122106		<10	<1	0.10	20	0.34	755	4	0.01	50	660	25	0.05	<2	5	56
ZZ122107		<10	<1	0.06	20	0.36	482	2	0.01	31	430	11	0.04	<2	5	37
ZZ122108		<10	<1	0.06	20	0.39	432	1	0.01	29	640	11	0.06	<2	4	42
ZZ122109		<10	<1	0.06	20	0.38	376	1	0.01	28	330	9	0.02	<2	5	25
ZZ122110		<10	<1	0.06	30	0.25	759	4	<0.01	10	330	19	0.02	<2	3	12
ZZ122111		<10	<1	0.06	20	0.56	604	1	0.01	33	400	15	0.03	<2	6	37
ZZ122112		10	1	0.06	10	0.78	465	1	0.02	35	460	12	0.03	<2	6	36
ZZ122113		<10	<1	0.05	10	0.54	382	1	0.02	21	520	9	0.03	<2	5	43
ZZ122057		10	<1	0.04	10	1.30	665	<1	0.01	29	580	7	0.03	<2	6	31
ZZ122058		<10	<1	0.04	10	0.91	243	<1	<0.01	23	290	11	0.01	<2	5	19
ZZ122059		<10	<1	0.04	10	0.78	1545	<1	0.01	26	730	10	0.07	<2	6	41
ZZ122060		10	<1	0.05	20	1.32	445	<1	0.01	36	380	12	0.02	<2	8	23
ZZ122061		<10	1	0.04	20	1.03	450	<1	0.01	29	510	10	0.04	<2	8	35
ZZ122062		10	<1	0.07	10	1.87	505	<1	0.01	36	570	7	0.02	<2	6	39
ZZ122063		10	<1	0.04	10	2.37	648	<1	<0.01	36	610	5	0.01	<2	7	40
ZZ122064		10	<1	0.07	10	2.23	671	<1	<0.01	31	510	26	0.02	<2	8	32
ZZ122065		10	<1	0.05	10	1.09	300	1	0.01	25	560	8	0.04	<2	6	41
ZZ122066		10	<1	0.04	10	0.93	291	<1	0.01	31	510	9	0.02	<2	7	40
ZZ122067		<10	<1	0.05	10	0.39	351	1	0.01	23	610	22	0.03	<2	4	39
ZZ122068		<10	<1	0.05	20	0.56	701	1	0.01	39	350	7	0.06	<2	7	33
ZZ122069		10	1	0.03	10	0.79	236	1	0.01	27	200	7	0.01	<2	4	16
ZZ122070		10	<1	0.09	20	1.51	381	1	<0.01	85	340	12	0.01	<2	12	12
ZZ122071		10	<1	0.04	10	0.56	372	1	<0.01	24	170	9	0.01	<2	8	14
ZZ122072		<10	<1	0.07	20	0.36	197	1	<0.01	18	170	15	0.01	<2	4	15
ZZ122073		10	<1	0.06	10	0.60	373	2	0.01	23	300	10	0.01	<2	5	17
ZZ122074		<10	<1	0.07	30	0.23	225	2	<0.01	39	200	17	<0.01	<2	5	18
ZZ122075		10	<1	0.06	10	0.37	215	1	<0.01	23	170	13	0.01	<2	3	16
ZZ122076		<10	<1	0.07	10	0.54	186	2	0.02	12	320	6	0.12	<2	4	21
ZZ122077		<10	<1	0.05	40	0.12	150	1	<0.01	12	230	87	<0.01	<2	3	12
ZZ122078		<10	<1	0.08	10	0.52	277	2	0.02	18	380	5	0.14	<2	6	29
ZZ122079		10	<1	0.04	10	0.35	160	1	0.01	15	200	11	<0.01	<2	4	17
ZZ122080		10	<1	0.05	10	0.99	505	1	0.01	35	380	11	0.01	<2	7	23
ZZ122081		10	<1	0.12	20	1.09	402	1	<0.01	16	360	7	<0.01	<2	6	19
ZZ122082		<10	<1	0.05	50	2.60	1635	1	<0.01	704	500	23	0.01	7	14	27
ZZ122083		10	<1	0.04	10	0.43	507	1	0.01	22	210	11	<0.01	<2	5	24
ZZ122084		<10	<1	0.06	10	0.54	440	1	0.01	27	260	11	0.01	<2	7	31
ZZ122085		<10	<1	0.06	10	0.63	596	1	0.03	31	630	9	0.03	<2	5	48
ZZ122086		<10	<1	0.06	10	0.61	410	1	0.03	23	640	8	0.01	<2	5	41
ZZ122087		10	<1	0.05	10	0.53	318	1	0.02	24	520	9	0.04	<2	5	43



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Project: Trident (Squid)

**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ122105		<20	0.03	<10	<10	36	<10	78
ZZ122106		<20	0.02	<10	<10	34	<10	119
ZZ122107		<20	0.04	<10	<10	44	<10	75
ZZ122108		<20	0.03	<10	<10	36	<10	53
ZZ122109		<20	0.06	<10	<10	49	<10	69
ZZ122110		20	<0.01	<10	<10	7	<10	53
ZZ122111		<20	0.07	<10	<10	60	<10	55
ZZ122112		<20	0.09	<10	<10	61	<10	58
ZZ122113		<20	0.08	<10	<10	56	<10	52
ZZ122057		<20	0.05	<10	<10	65	<10	65
ZZ122058		<20	0.05	<10	<10	55	<10	53
ZZ122059		<20	0.04	<10	<10	49	<10	63
ZZ122060		<20	0.06	<10	<10	68	<10	74
ZZ122061		<20	0.04	<10	<10	64	<10	60
ZZ122062		<20	0.08	<10	<10	75	<10	74
ZZ122063		<20	0.07	<10	<10	103	<10	69
ZZ122064		<20	0.06	<10	<10	91	<10	115
ZZ122065		<20	0.05	<10	<10	82	<10	56
ZZ122066		<20	0.06	<10	<10	75	<10	56
ZZ122067		<20	0.03	<10	<10	51	<10	56
ZZ122068		<20	0.03	<10	<10	54	<10	44
ZZ122069		<20	0.09	<10	<10	93	<10	36
ZZ122070		<20	0.06	<10	<10	110	<10	89
ZZ122071		<20	0.05	<10	<10	70	<10	48
ZZ122072		<20	0.03	<10	<10	58	<10	46
ZZ122073		<20	0.11	<10	<10	111	<10	56
ZZ122074		<20	0.03	<10	<10	51	<10	68
ZZ122075		<20	0.08	<10	<10	63	<10	46
ZZ122076		<20	0.03	<10	<10	57	<10	33
ZZ122077		<20	0.01	<10	<10	17	<10	60
ZZ122078		<20	0.02	<10	<10	51	<10	39
ZZ122079		<20	0.11	<10	<10	74	<10	39
ZZ122080		<20	0.06	<10	<10	84	<10	54
ZZ122081		<20	0.07	<10	<10	45	<10	56
ZZ122082		<20	0.02	<10	<10	61	<10	120
ZZ122083		<20	0.08	<10	<10	68	<10	60
ZZ122084		<20	0.08	<10	<10	63	<10	64
ZZ122085		<20	0.09	<10	<10	62	<10	71
ZZ122086		<20	0.10	<10	<10	62	<10	64
ZZ122087		<20	0.09	<10	<10	61	<10	62



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**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ122088		0.15	<0.001	<0.2	1.46	14	<10	330	<0.5	<2	0.70	<0.5	10	28	25	2.70
ZZ122089		0.25	0.004	<0.2	1.58	7	<10	300	<0.5	<2	0.64	<0.5	9	31	23	2.61
ZZ121641		0.35	<0.001	<0.2	1.57	12	<10	170	<0.5	<2	0.13	<0.5	6	26	25	2.31
ZZ121642		0.33	0.003	<0.2	1.30	86	<10	210	<0.5	<2	0.11	0.7	15	25	54	3.20
ZZ121643		0.38	0.004	0.3	2.76	36	<10	1290	0.6	<2	0.25	0.7	14	41	46	4.01
ZZ121644		0.49	0.001	<0.2	1.42	56	<10	200	0.6	<2	0.09	2.2	18	25	76	4.31
ZZ121645		0.32	<0.001	<0.2	2.07	7	<10	190	<0.5	2	0.09	0.5	14	24	53	3.80
ZZ121646		0.39	0.002	<0.2	2.40	11	<10	240	<0.5	<2	0.20	<0.5	9	37	25	3.09
ZZ121647		0.49	<0.001	<0.2	1.64	5	<10	100	<0.5	2	0.05	<0.5	7	15	37	3.30



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**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
ZZ122088		<10	<1	0.04	10	0.47	494	1	0.01	21	570	9	0.03	<2	4	40
ZZ122089		<10	<1	0.04	10	0.53	318	1	0.02	20	470	8	0.03	<2	4	39
ZZ121641		<10	<1	0.04	10	0.25	192	1	<0.01	14	350	19	0.01	<2	2	14
ZZ121642		<10	<1	0.05	10	0.27	668	3	<0.01	41	330	42	0.01	<2	3	25
ZZ121643		10	<1	0.07	10	0.56	432	4	<0.01	37	500	17	0.01	<2	6	31
ZZ121644		<10	<1	0.08	10	0.17	678	13	<0.01	104	620	43	0.01	<2	4	32
ZZ121645		<10	<1	0.05	10	0.23	462	2	<0.01	26	240	12	0.01	<2	5	15
ZZ121646		10	<1	0.06	10	0.53	280	1	0.01	25	200	19	<0.01	<2	6	20
ZZ121647		<10	<1	0.04	20	0.55	356	4	<0.01	11	250	10	0.01	<2	3	9

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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**CERTIFICATE OF ANALYSIS WH17203073**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ122088		<20	0.07	<10	<10	59	<10	45
ZZ122089		<20	0.07	<10	<10	62	<10	45
ZZ121641		<20	0.05	<10	<10	53	<10	40
ZZ121642		<20	0.05	<10	<10	56	<10	142
ZZ121643		<20	0.08	<10	<10	81	<10	106
ZZ121644		<20	0.01	<10	<10	33	<10	240
ZZ121645		<20	0.03	<10	<10	39	<10	76
ZZ121646		<20	0.11	<10	<10	73	<10	53
ZZ121647		<20	0.03	<10	<10	32	<10	73



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**CERTIFICATE OF ANALYSIS WH17203073**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- ICP41



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**CERTIFICATE WH17203075**

Project: Trident (Squid East)

This report is for 200 Soil samples submitted to our lab in Whitehorse, YT, Canada on 21- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016- 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118691		0.29	0.005	<0.2	1.52	14	<10	260	0.7	<2	0.81	<0.5	11	26	34	2.74
ZZ118692		0.26	0.002	<0.2	1.48	15	<10	240	0.7	2	1.01	<0.5	10	25	32	2.97
ZZ118693		0.35	0.001	<0.2	1.69	11	<10	250	0.8	<2	0.68	<0.5	13	25	35	3.46
ZZ118694		0.28	0.001	<0.2	1.42	10	<10	300	0.7	<2	1.40	<0.5	13	24	35	2.86
ZZ118695		0.33	0.001	<0.2	1.52	9	<10	240	0.7	<2	1.03	<0.5	12	26	35	3.23
ZZ118696		0.35	0.003	<0.2	1.54	6	<10	270	0.8	<2	1.53	<0.5	10	21	32	2.92
ZZ118697		0.35	0.004	<0.2	1.56	9	<10	200	0.8	<2	0.47	<0.5	11	25	23	3.37
ZZ118698		0.34	0.001	<0.2	1.37	14	<10	230	0.8	<2	0.51	<0.5	11	20	25	3.07
ZZ118699		0.33	<0.001	<0.2	1.11	13	<10	190	0.6	<2	0.35	<0.5	12	18	21	3.31
ZZ118700		0.23	<0.001	<0.2	1.01	13	<10	200	0.6	<2	0.29	<0.5	15	17	28	3.71
ZZ118701		0.33	0.006	<0.2	0.92	10	<10	160	0.6	<2	0.40	<0.5	10	20	22	2.93
ZZ118702		0.34	<0.001	<0.2	1.54	6	<10	220	0.6	<2	0.43	<0.5	12	30	26	3.24
ZZ118703		0.29	0.008	<0.2	1.35	9	<10	220	0.7	<2	0.52	<0.5	15	32	37	3.52
ZZ118704		0.20	0.003	<0.2	1.42	11	<10	210	0.8	<2	1.02	<0.5	13	26	34	3.20
ZZ118705		0.37	0.003	<0.2	1.67	11	<10	260	0.7	<2	0.66	<0.5	15	32	36	3.56
ZZ118706		0.36	0.002	<0.2	1.60	11	<10	270	0.7	<2	0.70	<0.5	15	30	37	3.42
ZZ118707		0.28	0.003	<0.2	1.57	11	<10	300	0.7	<2	1.04	<0.5	12	28	40	3.16
ZZ118708		0.38	0.006	<0.2	1.66	11	<10	260	0.6	<2	0.61	<0.5	12	31	37	3.33
ZZ118709		0.29	0.003	<0.2	1.59	12	<10	300	0.6	<2	1.07	<0.5	16	28	39	3.18
ZZ118710		0.28	0.001	<0.2	1.50	11	<10	240	0.6	<2	0.94	<0.5	11	25	30	2.78
ZZ118711		0.32	0.007	<0.2	1.74	12	<10	290	0.6	<2	0.75	<0.5	11	30	36	3.05
ZZ118712		0.32	0.008	<0.2	1.72	9	<10	290	0.6	<2	0.93	<0.5	12	29	34	2.96
ZZ118713		0.35	0.002	<0.2	1.76	9	<10	250	0.6	<2	0.68	<0.5	11	30	36	3.18
ZZ118714		0.38	0.001	<0.2	1.83	12	<10	250	0.6	<2	0.64	<0.5	12	33	36	3.28
ZZ118715		0.28	0.003	<0.2	2.01	12	<10	300	0.6	<2	0.80	<0.5	14	36	35	3.35
ZZ118716		0.27	0.002	<0.2	1.88	11	<10	280	0.6	<2	0.80	<0.5	13	35	32	3.08
ZZ118717		0.32	0.001	<0.2	1.75	10	<10	300	0.6	<2	1.01	<0.5	12	32	40	3.15
ZZ118718		0.44	0.002	<0.2	1.73	8	<10	280	0.6	<2	0.77	<0.5	12	31	37	2.86
ZZ118719		0.41	0.001	<0.2	1.81	10	<10	290	0.6	<2	0.76	<0.5	12	33	36	3.11
ZZ118720		0.34	0.002	<0.2	1.81	10	<10	300	0.6	<2	0.72	<0.5	14	32	33	3.14
ZZ118721		0.31	0.007	<0.2	1.68	11	<10	260	0.5	<2	0.75	<0.5	10	29	26	2.91
ZZ118722		0.25	0.001	<0.2	1.69	12	<10	290	0.6	<2	0.83	<0.5	12	29	32	3.00
ZZ118723		0.33	0.005	<0.2	1.82	12	<10	300	0.6	<2	0.71	<0.5	13	29	34	3.25
ZZ118724		0.29	0.002	<0.2	1.60	8	<10	290	0.7	<2	0.59	<0.5	10	27	38	3.19
ZZ118725		0.42	0.003	<0.2	1.78	9	<10	360	0.8	<2	0.60	<0.5	13	32	47	3.57
ZZ118726		0.24	0.002	<0.2	1.29	7	<10	310	0.8	<2	0.33	<0.5	11	26	41	3.26
ZZ118727		0.25	0.003	<0.2	1.78	7	<10	310	0.5	<2	0.85	<0.5	11	40	37	2.65
ZZ118728		0.36	<0.001	<0.2	1.54	6	<10	320	<0.5	<2	1.03	<0.5	12	34	37	2.71
ZZ118729		0.33	0.007	<0.2	1.62	9	<10	270	<0.5	<2	0.85	<0.5	12	34	31	2.76
ZZ118730		0.47	0.002	<0.2	1.63	11	<10	270	<0.5	<2	0.70	<0.5	12	35	36	2.93





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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118691		<10	1	0.06	20	0.39	351	1	0.02	25	590	10	0.07	<2	5	64
ZZ118692		<10	<1	0.08	30	0.38	554	1	0.02	21	530	12	0.06	3	5	73
ZZ118693		<10	<1	0.09	30	0.45	455	1	0.02	29	490	14	0.02	<2	6	53
ZZ118694		<10	<1	0.07	20	0.44	945	1	0.03	35	660	10	0.07	<2	4	94
ZZ118695		<10	<1	0.10	20	0.50	456	1	0.03	29	620	11	0.04	<2	5	73
ZZ118696		<10	1	0.07	30	0.50	479	1	0.03	29	660	10	0.04	<2	4	110
ZZ118697		<10	1	0.07	30	0.41	311	1	0.02	26	380	10	0.01	2	5	37
ZZ118698		<10	<1	0.09	40	0.33	437	1	0.02	25	340	11	0.01	<2	5	40
ZZ118699		<10	<1	0.08	30	0.26	340	1	0.02	26	260	11	0.01	2	4	27
ZZ118700		<10	<1	0.08	30	0.21	419	1	0.02	33	230	14	0.01	<2	3	25
ZZ118701		<10	<1	0.06	30	0.32	307	1	0.02	25	290	9	0.01	2	5	27
ZZ118702		<10	<1	0.10	50	0.60	361	1	0.02	36	500	11	0.01	<2	5	25
ZZ118703		<10	<1	0.09	40	0.43	469	1	0.02	36	580	12	0.02	<2	6	30
ZZ118704		<10	<1	0.08	30	0.50	524	1	0.02	32	560	12	0.03	<2	5	53
ZZ118705		<10	<1	0.09	30	0.48	509	<1	0.02	36	460	12	0.02	<2	6	43
ZZ118706		<10	<1	0.07	20	0.44	546	1	0.03	33	400	11	0.02	3	6	42
ZZ118707		<10	<1	0.07	20	0.39	520	1	0.03	34	520	11	0.04	<2	5	66
ZZ118708		<10	<1	0.07	20	0.50	444	1	0.03	31	490	10	0.02	<2	6	41
ZZ118709		<10	<1	0.07	20	0.44	794	1	0.03	33	690	12	0.04	<2	5	70
ZZ118710		<10	<1	0.06	20	0.34	508	1	0.02	25	510	10	0.04	2	5	66
ZZ118711		<10	<1	0.06	20	0.46	400	1	0.02	30	560	13	0.02	<2	5	53
ZZ118712		<10	<1	0.06	20	0.46	451	1	0.02	28	550	11	0.02	<2	5	62
ZZ118713		<10	<1	0.08	20	0.50	370	1	0.03	27	600	12	0.01	<2	6	45
ZZ118714		<10	<1	0.07	20	0.51	321	1	0.02	27	570	11	0.02	<2	6	44
ZZ118715		10	<1	0.06	20	0.53	653	<1	0.02	28	570	9	0.02	<2	7	51
ZZ118716		<10	<1	0.06	20	0.51	381	1	0.02	28	630	11	0.03	<2	6	51
ZZ118717		<10	<1	0.07	20	0.55	589	1	0.03	32	770	9	0.03	<2	6	60
ZZ118718		<10	<1	0.07	20	0.52	388	1	0.02	29	570	9	0.02	<2	6	46
ZZ118719		<10	<1	0.06	20	0.53	415	1	0.02	30	590	11	0.02	<2	6	46
ZZ118720		<10	<1	0.06	20	0.46	646	1	0.02	26	690	9	0.03	<2	6	47
ZZ118721		<10	<1	0.05	10	0.48	409	1	0.02	21	710	9	0.04	<2	5	46
ZZ118722		<10	<1	0.05	20	0.46	504	1	0.02	24	650	10	0.02	<2	5	53
ZZ118723		<10	<1	0.06	20	0.46	517	1	0.02	25	520	11	0.02	<2	5	46
ZZ118724		<10	<1	0.07	30	0.43	365	1	0.01	31	550	11	0.01	<2	6	40
ZZ118725		10	<1	0.08	40	0.45	590	2	0.02	40	560	13	0.01	<2	7	43
ZZ118726		<10	<1	0.08	110	0.36	203	2	0.01	32	500	17	<0.01	<2	7	23
ZZ118727		10	<1	0.06	10	0.61	354	1	0.03	32	830	9	0.03	<2	6	51
ZZ118728		<10	<1	0.09	10	0.68	320	1	0.03	35	790	6	0.02	<2	5	51
ZZ118729		<10	<1	0.08	10	0.62	351	1	0.03	31	810	7	0.02	<2	5	46
ZZ118730		<10	<1	0.09	10	0.64	423	1	0.03	33	800	7	<0.01	<2	6	40



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 Finalized Date: 12- OCT- 2017  
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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118691		<20	0.06	<10	<10	49	<10	53
ZZ118692		<20	0.05	<10	<10	45	<10	49
ZZ118693		<20	0.06	<10	<10	43	<10	60
ZZ118694		<20	0.05	<10	<10	42	<10	49
ZZ118695		<20	0.06	<10	<10	44	<10	67
ZZ118696		<20	0.04	<10	<10	35	<10	41
ZZ118697		<20	0.05	<10	<10	40	<10	49
ZZ118698		<20	0.03	<10	<10	33	<10	50
ZZ118699		<20	0.03	<10	<10	34	<10	59
ZZ118700		<20	0.02	<10	<10	29	<10	76
ZZ118701		<20	0.04	<10	<10	36	<10	56
ZZ118702		<20	0.05	<10	<10	39	<10	67
ZZ118703		<20	0.05	<10	<10	45	<10	61
ZZ118704		<20	0.05	<10	<10	40	<10	52
ZZ118705		<20	0.07	<10	<10	52	<10	60
ZZ118706		<20	0.07	<10	<10	51	<10	54
ZZ118707		<20	0.06	<10	<10	48	<10	50
ZZ118708		<20	0.07	<10	<10	52	<10	63
ZZ118709		<20	0.07	<10	<10	54	<10	58
ZZ118710		<20	0.06	<10	<10	48	<10	45
ZZ118711		<20	0.08	<10	<10	58	<10	53
ZZ118712		<20	0.08	<10	<10	53	<10	55
ZZ118713		<20	0.09	<10	<10	58	<10	63
ZZ118714		<20	0.10	<10	<10	66	<10	56
ZZ118715		<20	0.10	<10	<10	68	<10	62
ZZ118716		<20	0.09	<10	<10	67	<10	58
ZZ118717		<20	0.09	<10	<10	61	<10	63
ZZ118718		<20	0.10	<10	<10	61	<10	58
ZZ118719		<20	0.08	<10	<10	60	<10	60
ZZ118720		<20	0.07	<10	<10	63	<10	54
ZZ118721		<20	0.06	<10	<10	58	<10	50
ZZ118722		<20	0.07	<10	<10	57	<10	53
ZZ118723		<20	0.08	<10	<10	58	<10	57
ZZ118724		<20	0.06	<10	<10	45	<10	59
ZZ118725		<20	0.06	<10	<10	50	<10	61
ZZ118726		20	0.03	<10	<10	40	<10	59
ZZ118727		<20	0.09	<10	<10	67	<10	55
ZZ118728		<20	0.10	<10	<10	64	<10	63
ZZ118729		<20	0.10	<10	<10	64	<10	60
ZZ118730		<20	0.11	<10	<10	66	<10	67



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118495		0.27	0.005	<0.2	1.27	9	<10	270	0.7	<2	1.68	<0.5	13	20	34	2.96
ZZ118496		0.17	0.002	<0.2	1.11	8	<10	270	0.8	<2	2.22	<0.5	11	16	30	2.38
ZZ118497		0.42	0.002	<0.2	1.45	10	<10	240	0.8	<2	0.89	<0.5	13	23	28	3.65
ZZ118498		0.31	<0.001	<0.2	1.02	13	<10	170	1.1	<2	0.58	<0.5	15	17	28	4.63
ZZ118499		0.28	0.002	<0.2	1.47	10	<10	360	0.8	<2	1.20	<0.5	11	25	39	3.09
ZZ118500		0.28	<0.001	<0.2	1.46	8	<10	250	0.6	<2	0.54	<0.5	14	21	23	3.52
ZZ118501		0.33	0.012	<0.2	0.91	11	<10	200	0.9	<2	0.47	<0.5	14	15	38	4.02
ZZ118502		0.24	<0.001	<0.2	0.88	13	<10	200	0.6	<2	0.46	<0.5	11	11	21	2.86
ZZ118503		0.39	<0.001	<0.2	1.64	6	<10	200	0.6	<2	0.41	<0.5	12	28	24	3.48
ZZ118504		0.33	0.003	<0.2	1.64	11	<10	300	1.0	<2	0.78	<0.5	13	26	42	3.58
ZZ118505		0.29	0.002	<0.2	1.41	12	<10	260	0.8	<2	1.06	<0.5	12	25	38	3.50
ZZ118506		0.43	0.003	<0.2	1.73	10	<10	270	0.6	<2	0.58	<0.5	13	31	40	3.22
ZZ118507		0.32	0.004	<0.2	1.64	9	<10	300	0.8	<2	1.04	<0.5	13	26	38	3.31
ZZ118508		0.33	0.001	<0.2	1.79	12	<10	310	0.8	<2	0.82	<0.5	12	27	37	3.54
ZZ118509		0.37	0.005	<0.2	1.80	9	<10	360	0.7	<2	1.04	<0.5	13	27	37	3.27
ZZ118510		0.33	0.002	<0.2	1.83	10	<10	310	0.7	<2	0.94	<0.5	13	28	37	3.60
ZZ118511		0.41	0.007	<0.2	1.69	11	<10	290	0.7	<2	0.90	<0.5	10	26	39	3.25
ZZ118512		0.30	0.003	<0.2	1.66	10	<10	290	0.6	<2	0.86	<0.5	11	29	37	2.89
ZZ118513		0.33	0.009	<0.2	1.64	16	<10	240	0.5	<2	0.97	<0.5	9	30	29	3.30
ZZ118514		0.27	0.002	<0.2	1.58	9	<10	280	0.5	<2	1.30	<0.5	10	29	32	2.56
ZZ118515		0.30	0.007	<0.2	1.59	9	<10	280	0.5	<2	0.97	<0.5	11	28	31	2.89
ZZ118516		0.40	0.010	<0.2	1.81	11	<10	280	0.6	<2	0.83	<0.5	14	33	36	3.26
ZZ118517		0.46	0.001	<0.2	1.72	10	<10	270	0.6	<2	0.80	<0.5	12	32	39	2.99
ZZ118518		0.42	0.002	<0.2	1.50	9	<10	280	<0.5	<2	0.89	<0.5	12	30	33	2.74
ZZ118519		0.46	0.003	<0.2	1.69	10	<10	280	0.6	<2	0.84	<0.5	13	31	40	3.24
ZZ118520		0.40	<0.001	<0.2	1.78	10	<10	250	0.7	<2	0.72	<0.5	14	33	34	3.34
ZZ118521		0.23	0.001	<0.2	1.30	11	<10	270	0.5	<2	1.38	<0.5	12	23	29	2.83
ZZ118522		0.34	0.011	0.2	1.55	9	<10	210	0.6	<2	0.69	<0.5	13	29	29	3.55
ZZ118523		0.34	0.003	<0.2	1.70	7	<10	290	0.7	<2	0.89	<0.5	11	28	41	3.12
ZZ118524		0.30	0.005	<0.2	1.39	10	<10	290	0.5	2	1.06	<0.5	14	27	33	2.80
ZZ118525		0.47	0.003	<0.2	1.77	13	<10	320	0.7	<2	0.64	<0.5	12	32	43	3.49
ZZ118526		0.28	0.008	<0.2	1.36	8	<10	280	0.5	2	1.25	<0.5	9	22	28	2.58
ZZ118527		0.33	0.001	<0.2	1.95	8	<10	270	0.6	<2	0.57	<0.5	12	35	32	2.77
ZZ118528		0.08	0.018	<0.2	0.67	3	10	450	0.5	<2	1.90	0.9	18	10	42	1.82
ZZ118529		0.31	<0.001	<0.2	1.58	7	<10	250	<0.5	<2	0.76	<0.5	10	31	34	2.54
ZZ118530		0.41	0.002	<0.2	1.83	10	<10	310	0.5	<2	0.86	<0.5	11	31	38	2.99
ZZ118531		0.34	0.003	<0.2	1.70	10	<10	320	0.5	<2	0.90	<0.5	13	30	36	2.86
ZZ118532		0.21	0.007	<0.2	1.54	9	<10	240	0.5	2	0.85	<0.5	9	25	26	2.53
ZZ118533		0.19	0.001	<0.2	1.45	8	<10	270	<0.5	<2	1.00	<0.5	10	25	28	2.37
ZZ118534		0.36	0.012	<0.2	1.74	10	<10	290	0.6	2	0.64	<0.5	13	31	32	3.08



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118495		<10	<1	0.07	20	0.50	990	1	0.02	29	690	11	0.10	<2	4	131
ZZ118496		<10	<1	0.07	30	0.45	655	1	0.02	27	710	10	0.11	<2	3	179
ZZ118497		<10	<1	0.09	40	0.43	535	1	0.02	29	540	15	0.02	<2	5	69
ZZ118498		<10	<1	0.11	50	0.28	574	2	0.01	35	440	18	0.01	<2	5	47
ZZ118499		<10	<1	0.06	40	0.49	513	1	0.02	34	790	11	0.03	<2	5	82
ZZ118500		<10	<1	0.07	30	0.36	689	1	0.01	29	290	13	<0.01	<2	4	37
ZZ118501		<10	<1	0.09	50	0.25	430	1	0.01	40	550	17	0.04	<2	5	36
ZZ118502		<10	<1	0.10	40	0.15	511	1	0.01	26	500	18	0.01	<2	3	34
ZZ118503		<10	<1	0.08	30	0.46	418	1	0.01	28	300	12	<0.01	<2	5	27
ZZ118504		<10	<1	0.08	30	0.39	580	1	0.02	35	480	13	0.01	<2	6	52
ZZ118505		<10	<1	0.07	30	0.37	448	1	0.01	35	490	12	0.03	<2	6	66
ZZ118506		<10	<1	0.10	20	0.52	444	1	0.03	34	510	13	0.01	<2	6	41
ZZ118507		<10	<1	0.09	20	0.43	393	1	0.02	32	460	12	0.03	<2	5	68
ZZ118508		<10	<1	0.07	20	0.43	379	1	0.02	28	500	13	0.02	<2	5	61
ZZ118509		<10	<1	0.07	30	0.53	670	1	0.02	32	660	12	0.03	<2	6	76
ZZ118510		<10	<1	0.07	30	0.52	560	1	0.02	32	640	13	0.02	<2	6	65
ZZ118511		<10	<1	0.07	20	0.47	376	1	0.02	28	500	10	0.02	<2	5	61
ZZ118512		<10	<1	0.07	20	0.52	385	1	0.02	29	620	9	0.03	<2	5	57
ZZ118513		<10	<1	0.05	10	0.50	265	1	0.02	23	660	8	0.03	<2	5	65
ZZ118514		<10	<1	0.06	10	0.50	392	1	0.02	26	740	10	0.05	<2	5	82
ZZ118515		<10	<1	0.05	10	0.42	342	1	0.02	24	630	8	0.04	<2	5	63
ZZ118516		<10	1	0.07	20	0.48	550	1	0.02	29	590	10	0.02	<2	6	53
ZZ118517		<10	<1	0.07	20	0.53	318	1	0.02	29	590	10	0.01	<2	6	49
ZZ118518		<10	<1	0.08	10	0.54	505	1	0.02	28	780	7	0.02	<2	5	50
ZZ118519		<10	1	0.07	20	0.50	400	1	0.02	32	630	9	0.02	<2	6	52
ZZ118520		<10	<1	0.06	20	0.46	438	1	0.01	29	520	12	0.02	<2	5	46
ZZ118521		<10	<1	0.05	20	0.38	311	1	0.01	26	730	8	0.09	<2	3	75
ZZ118522		<10	1	0.07	20	0.43	416	1	0.01	26	550	12	0.01	<2	5	40
ZZ118523		<10	1	0.07	30	0.50	439	1	0.02	34	620	11	0.04	<2	5	52
ZZ118524		<10	<1	0.06	20	0.49	949	1	0.02	28	740	10	0.05	<2	4	59
ZZ118525		<10	<1	0.07	20	0.47	469	2	0.02	36	460	13	0.02	<2	6	41
ZZ118526		<10	<1	0.05	20	0.42	494	1	0.01	22	670	10	0.06	<2	4	76
ZZ118527		10	<1	0.05	20	0.48	248	<1	0.02	23	430	8	0.02	<2	7	36
ZZ118528		<10	<1	0.02	10	0.24	3780	3	0.02	25	1580	2	0.24	<2	1	107
ZZ118529		<10	<1	0.07	10	0.58	335	1	0.03	27	800	9	0.02	<2	5	44
ZZ118530		<10	<1	0.08	10	0.53	448	1	0.03	28	600	9	0.02	<2	6	52
ZZ118531		<10	<1	0.06	10	0.52	697	1	0.02	28	620	10	0.03	<2	5	55
ZZ118532		<10	1	0.05	10	0.42	377	1	0.02	18	710	9	0.05	<2	4	51
ZZ118533		<10	<1	0.05	10	0.42	473	1	0.02	20	850	9	0.07	<2	4	63
ZZ118534		<10	<1	0.05	20	0.48	555	1	0.02	26	700	11	0.02	<2	5	44



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118495		<20	0.04	<10	<10	37	<10	55
ZZ118496		<20	0.02	<10	<10	26	<10	39
ZZ118497		<20	0.04	<10	<10	41	<10	61
ZZ118498		20	0.02	<10	<10	28	<10	81
ZZ118499		<20	0.05	<10	<10	45	<10	49
ZZ118500		<20	0.03	<10	<10	42	<10	54
ZZ118501		20	0.02	<10	<10	23	<10	74
ZZ118502		<20	0.01	<10	<10	19	<10	62
ZZ118503		<20	0.06	<10	<10	47	<10	56
ZZ118504		<20	0.05	<10	<10	44	<10	54
ZZ118505		<20	0.03	<10	<10	38	<10	52
ZZ118506		<20	0.10	<10	<10	56	<10	79
ZZ118507		<20	0.07	<10	<10	49	<10	60
ZZ118508		<20	0.07	<10	<10	53	<10	51
ZZ118509		<20	0.07	<10	<10	52	<10	49
ZZ118510		<20	0.07	<10	<10	55	<10	49
ZZ118511		<20	0.07	<10	<10	51	<10	54
ZZ118512		<20	0.08	<10	<10	57	<10	59
ZZ118513		<20	0.08	<10	<10	67	<10	51
ZZ118514		<20	0.08	<10	<10	57	<10	52
ZZ118515		<20	0.07	<10	<10	54	<10	49
ZZ118516		<20	0.08	<10	<10	61	<10	58
ZZ118517		<20	0.09	<10	<10	62	<10	67
ZZ118518		<20	0.09	<10	<10	59	<10	63
ZZ118519		<20	0.08	<10	<10	59	<10	62
ZZ118520		<20	0.07	<10	<10	57	<10	52
ZZ118521		<20	0.04	<10	<10	47	<10	38
ZZ118522		<20	0.07	<10	<10	52	<10	60
ZZ118523		<20	0.06	<10	<10	47	<10	59
ZZ118524		<20	0.05	<10	<10	50	<10	51
ZZ118525		<20	0.07	<10	<10	55	<10	75
ZZ118526		<20	0.04	<10	<10	43	<10	47
ZZ118527		<20	0.10	<10	<10	67	<10	53
ZZ118528		<20	0.02	<10	<10	29	<10	20
ZZ118529		<20	0.09	<10	<10	61	<10	60
ZZ118530		<20	0.10	<10	<10	61	<10	62
ZZ118531		<20	0.09	<10	<10	59	<10	61
ZZ118532		<20	0.06	<10	<10	50	<10	51
ZZ118533		<20	0.05	<10	<10	45	<10	53
ZZ118534		<20	0.07	<10	<10	58	<10	57



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118535		0.33	0.006	<0.2	1.69	9	<10	280	0.6	<2	0.61	<0.5	12	31	35	3.21
ZZ118536		0.36	<0.001	<0.2	1.65	8	<10	350	0.7	<2	0.65	<0.5	10	29	39	3.20
ZZ118537		0.39	0.005	<0.2	1.36	9	<10	270	0.7	<2	0.52	<0.5	13	23	33	3.65
ZZ118538		0.37	0.004	<0.2	1.48	7	<10	320	1.1	<2	0.66	<0.5	19	23	39	3.97
ZZ118539		0.30	0.002	<0.2	1.54	7	<10	250	<0.5	<2	0.87	<0.5	9	30	26	2.47
ZZ118540		0.30	0.002	<0.2	1.61	8	<10	270	<0.5	2	0.94	<0.5	11	30	31	2.70
ZZ118541		0.32	<0.001	<0.2	1.61	7	<10	260	<0.5	<2	0.69	<0.5	8	30	25	2.36
ZZ118542		0.24	0.001	<0.2	1.76	6	<10	320	0.5	<2	0.75	<0.5	11	37	28	2.39
ZZ118543		0.16	0.002	<0.2	1.31	16	<10	500	0.6	<2	1.09	<0.8	62	29	29	6.41
ZZ118544		0.26	<0.001	<0.2	1.47	13	<10	270	<0.5	<2	0.61	<0.5	13	33	18	2.85
ZZ118545		0.41	0.001	<0.2	1.55	4	<10	220	<0.5	<2	0.49	<0.5	7	38	21	2.38
ZZ118546		0.36	0.003	<0.2	1.55	5	<10	230	<0.5	2	0.49	<0.5	9	34	23	2.28
ZZ118547		0.21	0.002	<0.2	1.55	5	<10	220	<0.5	<2	0.48	<0.5	9	39	23	2.12
ZZ118548		0.35	<0.001	<0.2	1.82	8	<10	250	0.5	<2	0.49	<0.5	11	44	25	2.87
ZZ118549		0.31	0.001	<0.2	1.83	7	<10	260	0.5	<2	0.56	<0.5	12	51	24	2.79
ZZ118550		0.33	0.006	<0.2	1.78	11	<10	250	0.5	<2	0.54	<0.5	10	38	21	3.19
ZZ118551		0.30	<0.001	<0.2	2.09	7	<10	190	<0.5	<2	0.25	<0.5	22	123	22	3.21
ZZ118552		0.40	0.001	<0.2	1.78	7	<10	330	0.5	2	0.42	<0.5	13	47	34	2.84
ZZ118553		0.31	0.003	0.2	1.85	7	<10	260	0.5	<2	0.60	<0.5	15	69	35	2.81
ZZ118554		0.13	0.007	0.2	1.14	6	<10	260	0.6	<2	0.97	<0.5	15	44	29	2.29
ZZ118555		0.29	0.001	<0.2	1.60	5	<10	220	<0.5	<2	0.60	<0.5	10	45	20	2.44
ZZ118556		0.31	0.001	<0.2	1.41	7	<10	240	<0.5	<2	0.97	<0.5	9	28	32	2.37
ZZ118557		0.40	0.003	<0.2	1.59	7	<10	260	<0.5	<2	0.91	<0.5	11	32	34	2.67
ZZ118558		0.37	<0.001	<0.2	1.58	8	<10	280	<0.5	<2	0.86	<0.5	11	31	34	2.48
ZZ118559		0.37	0.018	<0.2	1.64	9	<10	250	<0.5	<2	0.67	<0.5	11	34	32	2.75
ZZ118560		0.31	0.005	<0.2	1.53	8	<10	260	<0.5	<2	0.87	<0.5	10	31	30	2.41
ZZ118561		0.38	0.001	<0.2	1.63	8	<10	240	<0.5	<2	0.69	<0.5	12	34	29	2.75
ZZ118562		0.30	0.006	<0.2	1.63	4	<10	220	<0.5	<2	0.49	<0.5	11	43	23	2.32
ZZ118563		0.39	<0.001	<0.2	1.62	7	<10	240	<0.5	<2	0.55	<0.5	9	27	27	2.32
ZZ118564		0.21	0.001	<0.2	1.48	4	<10	200	<0.5	<2	0.62	<0.5	7	32	21	1.72
ZZ118565		0.25	0.004	<0.2	1.60	6	<10	170	<0.5	<2	0.57	<0.5	8	43	19	2.19
ZZ118566		0.38	0.005	<0.2	1.74	9	<10	210	<0.5	<2	0.43	<0.5	9	34	22	2.57
ZZ118801		0.43	<0.001	<0.2	2.03	8	<10	240	<0.5	<2	0.35	<0.5	15	88	20	3.04
ZZ118802		0.39	<0.001	<0.2	1.90	7	<10	260	0.5	<2	0.47	<0.5	19	73	32	2.88
ZZ118803		0.29	0.001	<0.2	1.73	6	<10	190	<0.5	<2	0.44	<0.5	10	45	23	2.37
ZZ118804		0.40	0.006	<0.2	1.73	7	<10	250	0.5	<2	0.52	<0.5	15	67	33	2.99
ZZ118805		0.46	0.003	<0.2	1.75	8	<10	240	0.5	<2	0.54	<0.5	14	66	31	2.95
ZZ118806		0.41	0.001	<0.2	1.80	7	<10	260	0.5	<2	0.59	<0.5	13	47	28	2.73
ZZ118807		0.30	0.001	<0.2	1.62	4	<10	230	<0.5	<2	0.54	<0.5	13	51	24	2.47
ZZ118808		0.28	0.003	<0.2	1.68	5	<10	240	0.5	<2	0.54	<0.5	12	49	27	2.47



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		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118535		<10	1	0.06	20	0.43	501	1	0.01	27	530	12	0.01	<2	6	42
ZZ118536		<10	<1	0.07	30	0.42	437	1	0.01	32	490	12	0.02	<2	6	42
ZZ118537		<10	<1	0.08	30	0.31	528	2	0.01	29	490	16	0.02	<2	6	31
ZZ118538		<10	<1	0.10	50	0.29	528	2	0.01	42	610	14	0.02	<2	7	43
ZZ118539		<10	<1	0.06	10	0.60	323	1	0.03	24	760	6	0.02	<2	4	50
ZZ118540		<10	<1	0.06	10	0.58	565	1	0.03	28	770	7	0.03	<2	5	55
ZZ118541		<10	1	0.05	10	0.50	254	<1	0.02	22	660	7	0.04	<2	5	44
ZZ118542		<10	1	0.05	20	0.48	475	1	0.02	25	760	8	0.07	<2	5	50
ZZ118543		<10	<1	0.04	10	0.43	4950	5	0.02	25	1130	7	0.14	<2	4	76
ZZ118544		<10	<1	0.04	10	0.44	1140	1	0.02	25	630	8	0.04	<2	4	41
ZZ118545		<10	<1	0.05	10	0.46	259	<1	0.02	28	760	8	0.02	<2	5	36
ZZ118546		<10	<1	0.05	10	0.45	284	<1	0.02	27	730	8	0.01	<2	5	36
ZZ118547		10	1	0.06	10	0.48	276	<1	0.02	40	680	9	0.03	<2	5	36
ZZ118548		10	1	0.06	20	0.55	260	1	0.02	48	690	8	0.02	<2	6	37
ZZ118549		10	<1	0.06	10	0.55	497	1	0.02	52	590	11	0.03	2	5	40
ZZ118550		10	<1	0.05	10	0.43	426	1	0.01	26	550	8	0.03	<2	5	38
ZZ118551		10	1	0.05	10	0.84	353	<1	0.01	178	320	7	0.01	<2	4	23
ZZ118552		<10	<1	0.06	20	0.67	436	1	0.02	74	490	8	<0.01	<2	6	35
ZZ118553		10	1	0.07	10	0.69	494	1	0.02	79	600	8	0.02	<2	6	43
ZZ118554		<10	<1	0.04	20	0.43	1370	1	0.02	52	1520	6	0.15	<2	3	70
ZZ118555		<10	<1	0.05	10	0.57	436	<1	0.02	48	620	7	0.03	<2	5	38
ZZ118556		<10	<1	0.07	10	0.57	332	1	0.03	27	770	6	0.03	<2	4	54
ZZ118557		<10	1	0.07	10	0.63	417	<1	0.03	29	750	6	0.01	<2	5	48
ZZ118558		<10	1	0.06	10	0.54	594	1	0.03	29	790	7	0.03	<2	5	52
ZZ118559		<10	<1	0.07	10	0.57	446	1	0.03	33	710	9	0.01	<2	5	43
ZZ118560		<10	1	0.06	10	0.50	442	1	0.02	34	760	8	0.03	<2	4	52
ZZ118561		<10	1	0.07	10	0.60	376	1	0.02	37	750	7	0.02	<2	5	43
ZZ118562		10	1	0.06	20	0.58	261	<1	0.02	55	650	7	0.02	<2	5	35
ZZ118563		<10	<1	0.05	10	0.42	347	1	0.02	20	640	8	0.02	<2	4	40
ZZ118564		<10	<1	0.04	10	0.47	285	1	0.02	26	560	7	0.05	<2	4	43
ZZ118565		<10	<1	0.05	10	0.55	168	<1	0.02	45	480	6	0.06	<2	5	39
ZZ118566		10	1	0.05	10	0.40	265	<1	0.02	21	430	7	0.02	<2	5	34
ZZ118801		10	1	0.06	10	0.73	364	1	0.01	99	370	9	0.01	<2	5	28
ZZ118802		10	1	0.07	20	0.81	439	1	0.02	132	630	8	0.01	<2	6	36
ZZ118803		<10	<1	0.05	10	0.61	216	<1	0.02	52	620	7	0.01	<2	4	33
ZZ118804		10	1	0.08	10	0.90	297	1	0.03	139	600	6	0.01	<2	6	37
ZZ118805		<10	<1	0.07	10	0.85	379	1	0.03	104	670	6	0.01	<2	6	37
ZZ118806		10	<1	0.06	20	0.63	362	1	0.02	59	690	8	0.02	2	6	42
ZZ118807		10	1	0.06	20	0.63	441	<1	0.02	71	700	7	0.03	<2	5	39
ZZ118808		<10	1	0.05	20	0.60	389	<1	0.02	71	680	6	0.03	<2	5	41



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118535		<20	0.06	<10	<10	52	<10	58
ZZ118536		<20	0.05	<10	<10	46	<10	62
ZZ118537		<20	0.03	<10	<10	39	<10	61
ZZ118538		<20	0.02	<10	<10	40	<10	75
ZZ118539		<20	0.09	<10	<10	57	<10	62
ZZ118540		<20	0.09	<10	<10	61	<10	59
ZZ118541		<20	0.09	<10	<10	57	<10	51
ZZ118542		<20	0.06	<10	<10	61	<10	63
ZZ118543		<20	0.03	<10	<10	82	<10	68
ZZ118544		<20	0.07	<10	<10	69	<10	57
ZZ118545		<20	0.08	<10	<10	56	<10	61
ZZ118546		<20	0.08	<10	<10	55	<10	59
ZZ118547		<20	0.08	<10	<10	54	<10	59
ZZ118548		<20	0.10	<10	<10	61	<10	68
ZZ118549		<20	0.08	<10	<10	59	<10	61
ZZ118550		<20	0.07	<10	<10	92	<10	54
ZZ118551		<20	0.09	<10	<10	66	<10	45
ZZ118552		<20	0.10	<10	<10	60	<10	53
ZZ118553		<20	0.11	<10	<10	62	<10	58
ZZ118554		<20	0.04	<10	<10	50	<10	42
ZZ118555		<20	0.10	<10	<10	52	<10	57
ZZ118556		<20	0.10	<10	<10	57	<10	61
ZZ118557		<20	0.11	<10	<10	65	<10	64
ZZ118558		<20	0.10	<10	<10	60	<10	55
ZZ118559		<20	0.11	<10	<10	65	<10	58
ZZ118560		<20	0.09	<10	<10	57	<10	51
ZZ118561		<20	0.11	<10	<10	66	<10	64
ZZ118562		<20	0.10	<10	<10	56	<10	61
ZZ118563		<20	0.10	<10	<10	59	<10	49
ZZ118564		<20	0.08	<10	<10	44	<10	45
ZZ118565		<20	0.10	<10	10	51	<10	50
ZZ118566		<20	0.11	<10	<10	62	<10	46
ZZ118801		<20	0.11	<10	<10	69	<10	49
ZZ118802		<20	0.10	<10	<10	64	<10	56
ZZ118803		<20	0.10	<10	<10	57	<10	51
ZZ118804		<20	0.12	<10	<10	62	<10	61
ZZ118805		<20	0.12	<10	<10	64	<10	59
ZZ118806		<20	0.11	<10	<10	64	<10	60
ZZ118807		<20	0.10	<10	<10	56	<10	62
ZZ118808		<20	0.09	<10	<10	54	<10	57





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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118809		0.44	0.001	<0.2	1.33	3	<10	170	<0.5	<2	0.44	<0.5	11	69	19	2.03
ZZ118810		0.38	0.015	<0.2	1.81	9	<10	250	0.5	<2	0.45	<0.5	19	96	29	3.24
ZZ118811		0.29	0.002	<0.2	1.62	5	<10	180	<0.5	<2	0.80	<0.5	12	45	23	2.59
ZZ118812		0.27	0.002	<0.2	1.86	5	<10	200	<0.5	<2	0.80	<0.5	12	41	21	2.80
ZZ118813		0.28	0.001	<0.2	2.17	7	<10	140	<0.5	<2	0.15	<0.5	26	197	19	3.91
ZZ118814		0.42	0.003	<0.2	1.98	3	<10	170	0.5	<2	0.36	<0.5	33	287	28	4.12
ZZ118815		0.54	0.001	<0.2	1.93	6	<10	220	0.5	<2	0.41	<0.5	28	213	32	3.99
ZZ118816		0.31	0.005	<0.2	1.61	6	<10	250	<0.5	<2	0.62	<0.5	11	28	24	2.27
ZZ118817		0.32	0.004	<0.2	1.70	10	<10	270	<0.5	<2	0.66	<0.5	11	31	29	2.72
ZZ118818		0.45	0.004	<0.2	1.48	15	<10	270	0.5	<2	0.75	<0.5	13	29	31	2.94
ZZ118819		0.29	0.003	<0.2	1.65	9	<10	300	<0.5	<2	0.86	<0.5	12	31	33	2.67
ZZ118820		0.36	0.006	<0.2	1.67	9	<10	300	0.5	<2	0.82	<0.5	13	31	35	2.91
ZZ118761		0.26	0.005	<0.2	1.47	5	<10	160	<0.5	<2	0.57	<0.5	15	67	20	2.46
ZZ118762		0.26	0.001	<0.2	1.61	4	<10	180	<0.5	<2	0.58	<0.5	13	61	24	2.49
ZZ118763		0.25	0.003	<0.2	1.73	7	<10	260	<0.5	<2	0.72	<0.5	10	30	26	2.55
ZZ118764		0.42	0.007	<0.2	1.55	9	<10	310	<0.5	<2	0.81	0.5	11	32	39	2.81
ZZ118765		0.34	0.001	<0.2	1.71	6	<10	170	<0.5	<2	0.57	<0.5	8	47	22	2.22
ZZ118766		0.24	0.002	<0.2	1.75	6	<10	290	0.5	<2	0.69	<0.5	12	46	33	2.72
ZZ118767		0.34	0.002	<0.2	1.84	7	<10	300	0.5	<2	0.58	<0.5	16	54	35	2.68
ZZ118768		0.24	0.004	<0.2	1.92	10	<10	310	0.5	<2	0.73	<0.5	15	37	31	3.09
ZZ118731		0.34	0.003	<0.2	1.72	8	<10	240	0.5	<2	0.68	<0.5	13	38	39	2.73
ZZ118732		0.37	0.002	<0.2	1.71	9	<10	290	<0.5	2	0.84	<0.5	12	35	36	3.00
ZZ118733		0.38	0.005	<0.2	1.65	9	<10	260	<0.5	<2	0.67	<0.5	14	35	39	3.24
ZZ118734		0.38	0.002	<0.2	1.66	11	<10	240	<0.5	2	0.73	<0.5	11	35	37	2.92
ZZ118735		0.19	0.003	<0.2	1.53	7	<10	250	<0.5	<2	0.85	<0.5	10	30	31	2.45
ZZ118736		0.17	0.004	<0.2	1.66	3	<10	380	<0.5	<2	0.88	<0.5	8	30	28	1.83
ZZ118737		0.27	0.003	<0.2	1.74	<2	<10	340	<0.5	<2	0.68	0.5	9	33	28	2.17
ZZ118738		0.13	<0.001	<0.2	1.40	6	<10	350	0.5	<2	0.90	0.7	8	26	32	1.89
ZZ118739		0.19	0.008	<0.2	1.78	6	<10	270	<0.5	<2	0.47	<0.5	11	78	26	2.60
ZZ118740		0.20	0.005	<0.2	1.66	5	<10	250	<0.5	<2	0.51	<0.5	9	36	25	2.42
ZZ118741		0.30	0.002	<0.2	1.86	6	<10	260	<0.5	<2	0.49	<0.5	8	36	20	2.45
ZZ118742		0.20	0.002	<0.2	1.73	5	<10	270	<0.5	2	0.56	<0.5	9	38	26	2.28
ZZ118743		0.41	0.003	<0.2	1.91	6	<10	250	0.5	<2	0.50	<0.5	11	51	24	2.68
ZZ118744		0.41	0.002	<0.2	1.89	10	<10	280	0.6	<2	0.54	<0.5	13	48	32	3.04
ZZ118745		0.38	0.002	<0.2	1.82	5	<10	250	<0.5	<2	0.48	<0.5	10	41	24	2.45
ZZ118746		0.31	0.003	<0.2	1.52	4	<10	200	<0.5	<2	0.46	<0.5	10	38	17	2.11
ZZ118747		0.31	0.002	<0.2	1.92	8	<10	290	0.5	<2	0.47	<0.5	13	47	29	2.72
ZZ118748		0.27	0.005	<0.2	1.56	2	<10	210	<0.5	<2	0.45	<0.5	11	45	20	2.16
ZZ118749		0.35	0.003	<0.2	1.67	4	<10	230	<0.5	2	0.48	<0.5	10	46	23	2.25
ZZ118750		0.37	0.002	<0.2	1.93	8	<10	290	0.6	<2	0.54	<0.5	16	51	31	3.38



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ118809		<10	<1	0.06	20	0.83	204	<1	0.02	89	700	6	0.02	<2	4	28
ZZ118810		10	<1	0.10	20	0.95	627	<1	0.03	153	630	7	0.01	<2	7	35
ZZ118811		<10	<1	0.08	10	0.75	396	1	0.03	65	820	7	0.08	<2	5	52
ZZ118812		<10	<1	0.07	20	0.71	530	2	0.02	47	590	9	0.08	<2	6	54
ZZ118813		10	<1	0.09	10	1.36	351	1	0.01	305	260	6	0.01	<2	5	14
ZZ118814		10	<1	0.14	10	2.23	394	1	0.02	531	450	6	0.01	<2	8	23
ZZ118815		10	<1	0.15	10	1.37	520	<1	0.02	299	570	6	0.01	<2	7	32
ZZ118816		<10	1	0.05	10	0.46	762	1	0.02	21	770	8	0.03	<2	5	43
ZZ118817		<10	<1	0.05	10	0.49	381	1	0.02	24	740	8	0.02	<2	5	43
ZZ118818		<10	<1	0.05	10	0.46	617	2	0.02	23	870	9	0.01	<2	5	45
ZZ118819		<10	<1	0.05	10	0.51	598	1	0.02	25	930	8	0.03	<2	5	54
ZZ118820		<10	<1	0.06	10	0.55	601	1	0.03	27	890	9	0.02	<2	5	49
ZZ118761		<10	<1	0.08	20	0.92	408	1	0.02	98	720	7	0.04	<2	5	34
ZZ118762		<10	<1	0.07	20	0.84	289	1	0.02	100	630	7	0.09	2	5	37
ZZ118763		<10	1	0.05	10	0.50	355	1	0.02	21	840	8	0.03	<2	5	47
ZZ118764		<10	<1	0.07	10	0.59	478	1	0.03	32	900	7	0.03	<2	5	52
ZZ118765		<10	<1	0.06	10	0.59	199	<1	0.02	41	510	8	0.06	<2	5	38
ZZ118766		<10	<1	0.05	10	0.55	465	1	0.02	54	760	8	0.04	<2	5	52
ZZ118767		10	<1	0.06	10	0.68	416	1	0.02	90	570	10	0.02	<2	6	41
ZZ118768		<10	<1	0.06	10	0.52	616	1	0.02	35	820	9	0.03	<2	6	51
ZZ118731		<10	<1	0.08	10	0.63	259	1	0.03	32	750	8	0.01	<2	6	40
ZZ118732		<10	<1	0.08	10	0.62	530	1	0.03	31	870	9	0.03	<2	5	49
ZZ118733		10	1	0.10	10	0.66	448	1	0.03	33	830	8	0.01	<2	6	40
ZZ118734		<10	<1	0.09	10	0.61	309	1	0.03	32	790	7	0.02	<2	6	41
ZZ118735		<10	<1	0.07	10	0.54	407	1	0.02	24	830	7	0.07	<2	5	50
ZZ118736		<10	<1	0.05	20	0.47	287	<1	0.02	20	590	10	0.12	<2	5	52
ZZ118737		<10	<1	0.06	10	0.53	447	<1	0.02	19	650	8	0.08	<2	6	42
ZZ118738		<10	<1	0.06	10	0.45	362	1	0.02	21	850	6	0.17	<2	5	53
ZZ118739		<10	<1	0.06	20	0.60	211	2	0.02	52	780	9	0.05	<2	5	33
ZZ118740		10	<1	0.05	10	0.47	332	1	0.02	28	680	7	0.03	<2	5	36
ZZ118741		<10	<1	0.05	10	0.48	209	1	0.02	24	610	8	0.04	<2	5	38
ZZ118742		10	<1	0.05	10	0.49	264	<1	0.02	33	710	7	0.05	<2	5	42
ZZ118743		10	<1	0.06	20	0.67	278	<1	0.02	58	620	7	0.02	<2	6	37
ZZ118744		<10	<1	0.06	20	0.62	410	1	0.02	55	720	10	0.01	<2	6	42
ZZ118745		<10	<1	0.05	10	0.54	281	<1	0.02	36	690	8	0.03	<2	5	38
ZZ118746		<10	<1	0.05	10	0.50	451	<1	0.02	29	650	7	0.03	<2	4	33
ZZ118747		<10	<1	0.06	20	0.59	276	<1	0.02	53	660	9	0.02	<2	6	34
ZZ118748		<10	<1	0.05	10	0.57	249	1	0.02	48	620	8	0.03	<2	5	32
ZZ118749		10	<1	0.05	20	0.57	242	<1	0.02	53	650	9	0.03	<2	5	35
ZZ118750		<10	<1	0.06	20	0.65	455	1	0.02	68	710	10	0.03	<2	6	39



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118809		<20	0.09	<10	<10	44	<10	51
ZZ118810		<20	0.13	<10	<10	70	<10	56
ZZ118811		<20	0.10	<10	10	52	<10	63
ZZ118812		<20	0.10	<10	10	58	<10	70
ZZ118813		<20	0.11	<10	<10	69	<10	55
ZZ118814		<20	0.12	<10	<10	56	<10	62
ZZ118815		<20	0.12	<10	<10	61	<10	61
ZZ118816		<20	0.10	<10	<10	60	<10	58
ZZ118817		<20	0.10	<10	<10	62	<10	60
ZZ118818		<20	0.10	<10	<10	77	<10	54
ZZ118819		<20	0.09	<10	<10	62	<10	58
ZZ118820		<20	0.11	<10	<10	67	<10	66
ZZ118761		<20	0.09	<10	<10	49	<10	60
ZZ118762		<20	0.09	<10	<10	50	<10	61
ZZ118763		<20	0.09	<10	<10	62	<10	57
ZZ118764		<20	0.10	<10	<10	63	<10	73
ZZ118765		<20	0.10	<10	<10	54	<10	61
ZZ118766		<20	0.09	<10	<10	59	<10	55
ZZ118767		<20	0.10	<10	<10	64	<10	62
ZZ118768		<20	0.10	<10	<10	72	<10	62
ZZ118731		<20	0.12	<10	<10	72	<10	66
ZZ118732		<20	0.11	<10	<10	68	<10	65
ZZ118733		<20	0.11	<10	<10	69	<10	71
ZZ118734		<20	0.11	<10	<10	68	<10	66
ZZ118735		<20	0.09	<10	<10	56	<10	54
ZZ118736		<20	0.07	<10	<10	45	<10	52
ZZ118737		<20	0.10	<10	<10	53	<10	63
ZZ118738		<20	0.07	<10	<10	45	<10	46
ZZ118739		<20	0.08	<10	<10	66	<10	59
ZZ118740		<20	0.08	<10	<10	58	<10	58
ZZ118741		<20	0.07	<10	<10	63	<10	61
ZZ118742		<20	0.07	<10	<10	50	<10	58
ZZ118743		<20	0.10	<10	<10	61	<10	65
ZZ118744		<20	0.09	<10	<10	67	<10	60
ZZ118745		<20	0.08	<10	<10	54	<10	61
ZZ118746		<20	0.08	<10	<10	50	<10	56
ZZ118747		<20	0.09	<10	<10	65	<10	72
ZZ118748		<20	0.09	<10	<10	50	<10	57
ZZ118749		<20	0.09	<10	<10	53	<10	64
ZZ118750		<20	0.10	<10	<10	70	<10	71



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ118751		0.41	0.003	<0.2	1.87	9	<10	280	0.5	2	0.66	<0.5	13	38	32	3.01
ZZ118752		0.36	0.003	<0.2	1.90	9	<10	280	0.5	<2	0.75	<0.5	14	40	33	3.03
ZZ118753		0.31	0.002	<0.2	1.82	8	<10	240	<0.5	<2	0.61	<0.5	11	40	24	2.82
ZZ118754		0.22	0.002	<0.2	1.68	7	<10	220	<0.5	2	0.69	<0.5	19	83	29	2.94
ZZ118755		0.34	0.003	<0.2	1.48	6	<10	160	<0.5	<2	0.60	<0.5	12	63	23	2.45
ZZ118756		0.32	0.004	<0.2	1.38	7	<10	170	<0.5	<2	0.72	<0.5	12	46	23	2.28
ZZ118757		0.25	0.002	<0.2	1.62	9	<10	220	0.5	<2	0.74	<0.5	16	56	32	2.87
ZZ118758		0.18	0.003	<0.2	1.49	5	<10	190	<0.5	<2	0.64	<0.5	15	57	21	2.38
ZZ118759		0.16	0.001	<0.2	1.58	5	<10	200	0.5	<2	0.64	<0.5	15	68	30	2.51
ZZ118760		0.24	0.005	<0.2	1.48	5	<10	180	<0.5	<2	0.49	<0.5	13	59	18	2.23
ZZ121809		0.29	0.003	<0.2	1.33	23	<10	200	<0.5	<2	0.09	<0.5	6	17	13	2.08
ZZ121810		0.31	0.001	<0.2	1.64	10	<10	260	<0.5	<2	0.13	<0.5	11	25	31	3.50
ZZ121811		0.33	<0.001	<0.2	3.24	8	<10	440	0.7	2	0.53	<0.5	25	71	37	4.66
ZZ121812		0.30	<0.001	<0.2	3.06	3	<10	550	0.7	<2	0.22	<0.5	20	168	57	4.37
ZZ121813		0.32	0.002	<0.2	2.64	7	<10	950	0.7	<2	0.36	<0.5	19	107	72	4.43
ZZ121814		0.31	0.001	<0.2	3.48	7	<10	150	1.6	<2	0.32	<0.5	44	207	58	7.47
ZZ121815		0.31	0.004	<0.2	2.76	12	<10	450	0.7	<2	0.19	<0.5	17	41	43	3.88
ZZ122021		0.35	0.001	0.3	1.48	31	<10	1040	0.5	<2	0.58	0.8	16	34	59	3.80
ZZ122022		0.24	0.003	0.3	1.49	33	<10	1120	0.5	<2	1.04	0.5	19	41	58	3.49
ZZ122023		0.30	0.003	0.7	1.09	48	<10	930	<0.5	<2	1.07	1.1	12	27	59	2.95
ZZ122024		0.28	0.070	0.2	1.03	24	<10	500	<0.5	<2	0.76	0.6	15	27	34	3.21
ZZ122025		0.37	0.001	0.2	1.33	17	<10	510	<0.5	<2	0.43	<0.5	11	27	27	2.67
ZZ122026		0.33	0.002	0.2	1.18	14	<10	530	0.5	<2	0.50	<0.5	7	23	23	2.24
ZZ122027		0.28	0.001	0.5	0.94	28	<10	730	0.5	<2	0.79	0.9	13	18	48	3.03
ZZ122028		0.36	0.003	0.3	1.54	13	<10	370	0.6	<2	0.58	<0.5	14	45	47	3.03
ZZ122029		0.35	0.003	<0.2	1.63	10	<10	380	0.6	<2	0.75	<0.5	13	29	23	2.66
ZZ122030		0.42	<0.001	<0.2	1.46	10	<10	270	<0.5	<2	0.49	<0.5	12	27	20	2.48
ZZ122031		0.32	0.002	0.2	1.81	11	<10	370	0.6	<2	0.63	<0.5	14	34	35	3.01
ZZ122032		0.41	0.002	0.3	1.72	10	<10	320	0.6	<2	0.65	<0.5	13	34	42	3.01
ZZ122033		0.41	0.003	0.2	1.91	11	<10	340	0.6	<2	0.70	<0.5	15	37	44	3.27
ZZ122034		0.35	0.002	<0.2	1.67	10	<10	270	<0.5	<2	0.33	<0.5	10	38	28	2.81
ZZ122035		0.41	0.002	0.2	1.79	8	<10	310	0.6	<2	0.69	<0.5	13	29	45	3.09
ZZ122036		0.43	0.005	<0.2	1.88	9	<10	300	0.5	<2	0.58	<0.5	12	33	41	3.03
ZZ122037		0.42	0.002	<0.2	1.91	8	<10	330	0.6	<2	0.63	<0.5	12	31	35	2.94
ZZ122038		0.36	0.006	<0.2	2.31	9	<10	330	0.7	<2	0.36	<0.5	11	42	32	3.40
ZZ122039		0.36	0.004	<0.2	1.90	9	<10	340	0.5	<2	0.29	<0.5	11	35	34	3.23
ZZ122040		0.36	0.003	<0.2	2.01	12	<10	330	0.5	<2	0.50	<0.5	12	35	33	3.17
ZZ122041		0.37	0.002	<0.2	2.04	10	<10	360	0.5	<2	0.58	<0.5	12	36	34	3.02
ZZ122042		0.41	0.002	0.2	1.98	11	<10	360	0.5	<2	0.59	<0.5	14	35	35	3.13
ZZ122043		0.44	0.002	0.2	2.04	12	<10	390	0.6	<2	0.68	<0.5	13	37	42	3.30



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte Units LOR	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
ZZ118751		<10	<1	0.07	10	0.61	482	1	0.02	32	780	8	0.02	<2	6	44
ZZ118752		10	<1	0.06	10	0.64	540	1	0.02	38	780	8	0.02	<2	6	48
ZZ118753		<10	<1	0.05	10	0.61	317	1	0.02	33	780	8	0.02	<2	5	42
ZZ118754		<10	<1	0.07	20	1.05	402	2	0.03	147	640	6	0.06	<2	5	43
ZZ118755		<10	<1	0.07	10	0.85	347	1	0.02	81	670	8	0.04	<2	5	40
ZZ118756		<10	<1	0.07	10	0.78	473	1	0.02	80	630	7	0.06	2	4	46
ZZ118757		<10	<1	0.06	20	0.81	377	<1	0.03	95	660	8	0.06	<2	5	46
ZZ118758		<10	<1	0.06	20	0.80	620	<1	0.02	91	630	6	0.05	<2	4	41
ZZ118759		<10	<1	0.08	20	0.88	189	1	0.02	109	650	8	0.15	<2	5	42
ZZ118760		<10	<1	0.07	20	0.81	318	<1	0.02	88	580	7	0.09	<2	5	34
ZZ121809		<10	<1	0.05	70	0.21	210	1	<0.01	13	210	22	0.02	<2	2	27
ZZ121810		10	<1	0.09	10	0.26	974	2	<0.01	19	620	14	0.02	<2	4	14
ZZ121811		10	<1	0.32	10	2.05	483	1	0.01	35	1560	115	0.02	2	7	36
ZZ121812		10	<1	0.62	20	2.26	714	1	<0.01	94	380	5	0.01	<2	6	20
ZZ121813		10	<1	0.25	30	1.52	723	1	<0.01	72	610	15	0.02	<2	11	24
ZZ121814		10	<1	0.33	50	1.88	1025	2	<0.01	95	1740	11	0.02	<2	13	20
ZZ121815		10	<1	0.11	20	0.61	592	1	0.01	27	470	11	0.02	<2	8	21
ZZ122021		<10	<1	0.06	20	0.41	523	3	0.01	48	760	18	0.04	<2	8	60
ZZ122022		<10	<1	0.05	10	0.58	712	3	0.01	43	900	11	0.08	<2	6	70
ZZ122023		<10	<1	0.06	20	0.34	483	4	0.01	43	950	12	0.08	<2	5	80
ZZ122024		<10	<1	0.06	20	0.32	715	3	0.01	36	710	17	0.04	<2	6	51
ZZ122025		<10	<1	0.06	20	0.31	512	2	<0.01	26	490	25	0.03	<2	4	34
ZZ122026		<10	<1	0.06	30	0.29	362	2	<0.01	19	480	28	0.03	<2	3	41
ZZ122027		<10	<1	0.06	20	0.27	911	9	<0.01	56	720	32	0.05	<2	3	69
ZZ122028		<10	<1	0.07	30	0.68	590	4	0.01	45	510	31	0.03	<2	6	62
ZZ122029		<10	<1	0.05	20	0.47	784	1	0.01	23	570	19	0.04	<2	5	69
ZZ122030		<10	<1	0.06	20	0.40	891	1	0.01	21	470	18	0.02	<2	4	40
ZZ122031		10	<1	0.06	20	0.50	619	2	0.01	32	530	27	0.02	<2	5	44
ZZ122032		<10	<1	0.07	20	0.55	587	1	0.01	30	590	45	0.03	<2	6	49
ZZ122033		10	<1	0.07	20	0.65	731	1	0.02	34	560	23	0.03	<2	6	52
ZZ122034		<10	<1	0.05	30	0.68	392	2	0.01	33	450	18	0.01	<2	5	29
ZZ122035		<10	<1	0.07	20	0.52	650	1	0.01	25	470	80	0.03	<2	6	51
ZZ122036		<10	<1	0.07	20	0.63	493	1	0.02	26	520	72	0.02	<2	6	45
ZZ122037		10	<1	0.06	20	0.55	420	1	0.01	25	380	55	0.02	<2	6	43
ZZ122038		10	<1	0.06	30	0.58	322	2	0.01	27	210	44	0.01	<2	7	32
ZZ122039		10	1	0.06	20	0.59	348	4	0.01	31	330	29	0.02	<2	5	27
ZZ122040		10	<1	0.06	20	0.57	374	1	0.01	28	530	20	0.02	<2	6	38
ZZ122041		10	<1	0.06	20	0.58	424	1	0.02	31	500	19	0.02	<2	6	45
ZZ122042		10	<1	0.06	20	0.59	512	1	0.02	31	570	19	0.02	<2	6	45
ZZ122043		10	<1	0.06	20	0.61	541	1	0.02	37	520	22	0.03	<2	6	49



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**CERTIFICATE OF ANALYSIS WH17203075**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ118751		<20	0.10	<10	<10	69	<10	69
ZZ118752		<20	0.10	<10	<10	67	<10	68
ZZ118753		<20	0.09	<10	<10	63	<10	65
ZZ118754		<20	0.09	<10	<10	58	<10	66
ZZ118755		<20	0.09	<10	<10	52	<10	66
ZZ118756		<20	0.08	<10	10	48	<10	62
ZZ118757		<20	0.10	<10	<10	62	<10	71
ZZ118758		<20	0.09	<10	<10	50	<10	61
ZZ118759		<20	0.08	<10	10	55	<10	65
ZZ118760		<20	0.09	<10	<10	47	<10	58
ZZ121809		30	0.03	<10	<10	41	<10	35
ZZ121810		<20	0.07	<10	<10	81	<10	51
ZZ121811		<20	0.18	<10	<10	126	<10	81
ZZ121812		<20	0.19	<10	<10	116	<10	88
ZZ121813		<20	0.10	<10	<10	98	<10	82
ZZ121814		20	0.09	<10	<10	147	<10	94
ZZ121815		<20	0.11	<10	<10	83	<10	66
ZZ122021		<20	0.03	<10	<10	62	<10	148
ZZ122022		<20	0.03	<10	<10	61	<10	113
ZZ122023		<20	0.03	<10	<10	48	<10	150
ZZ122024		<20	0.03	<10	<10	49	<10	108
ZZ122025		<20	0.03	<10	<10	52	<10	81
ZZ122026		<20	0.03	<10	<10	37	<10	63
ZZ122027		<20	0.02	<10	<10	30	<10	126
ZZ122028		<20	0.05	<10	10	46	<10	89
ZZ122029		<20	0.06	<10	10	55	<10	51
ZZ122030		<20	0.06	<10	<10	51	<10	53
ZZ122031		<20	0.06	<10	<10	60	<10	66
ZZ122032		<20	0.06	<10	<10	53	<10	79
ZZ122033		<20	0.08	<10	<10	64	<10	77
ZZ122034		<20	0.06	<10	<10	51	<10	67
ZZ122035		<20	0.07	<10	<10	57	<10	126
ZZ122036		<20	0.09	<10	<10	60	<10	156
ZZ122037		<20	0.07	<10	<10	59	<10	103
ZZ122038		<20	0.08	<10	<10	68	<10	94
ZZ122039		<20	0.06	<10	<10	58	<10	81
ZZ122040		<20	0.09	<10	<10	67	<10	69
ZZ122041		<20	0.09	<10	<10	65	<10	73
ZZ122042		<20	0.09	<10	<10	66	<10	73
ZZ122043		<20	0.09	<10	<10	66	<10	82



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**CERTIFICATE OF ANALYSIS WH17203075**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- ICP41



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 www.alsglobal.com/geochemistry

To: **TRIFECTA GOLD LTD.**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981)**  
**LIMITED**  
**1016- 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

**Page: 1**  
**Total # Pages: 5 (A - C)**  
**Plus Appendix Pages**  
**Finalized Date: 14- OCT- 2017**  
**Account: FECTRI**

**CERTIFICATE WH17203079**

Project: Trident (Squid East)

This report is for 143 Soil samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE DYLAN WALLINGER	MATT DUMALA	JOAN MARIACHER
---------------------------------	-------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016- 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: Sample ID #138(ZZ118825)was contaminated.

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager





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 Plus Appendix Pages  
 Finalized Date: 14- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ122044		0.37	0.005	0.2	1.83	10	<10	460	0.5	<2	0.57	<0.5	13	35	42	2.97
ZZ122045		0.36	<0.001	0.2	1.84	7	<10	340	0.5	<2	0.67	<0.5	13	30	32	2.87
ZZ122046		0.50	0.012	0.2	1.79	10	<10	320	0.5	<2	0.68	<0.5	14	36	32	3.01
ZZ122047		0.38	0.001	0.2	1.65	9	<10	320	0.6	<2	0.59	<0.5	11	27	32	2.72
ZZ122048		0.32	<0.001	<0.2	1.51	7	<10	240	<0.5	<2	0.44	<0.5	12	25	24	2.40
ZZ122049		0.38	0.003	<0.2	1.40	10	<10	250	0.5	<2	0.47	<0.5	10	28	27	2.58
ZZ122050		0.44	0.001	0.2	1.60	9	<10	280	<0.5	<2	0.40	<0.5	11	28	31	2.81
ZZ121951		0.33	<0.001	<0.2	1.27	10	<10	200	<0.5	2	0.34	<0.5	9	34	20	2.32
ZZ121952		0.40	<0.001	0.2	1.53	11	<10	250	0.5	<2	0.38	<0.5	11	37	28	2.53
ZZ121953		0.34	<0.001	0.2	1.59	11	<10	220	<0.5	2	0.40	<0.5	10	38	27	2.62
ZZ121954		0.34	0.001	0.3	1.54	8	<10	290	<0.5	<2	0.61	<0.5	11	27	29	2.47
ZZ121955		0.41	0.001	0.2	1.53	7	<10	310	<0.5	<2	0.44	<0.5	10	31	28	2.46
ZZ121956		0.41	<0.001	0.3	1.52	7	<10	290	<0.5	<2	0.44	<0.5	10	30	33	2.58
ZZ121957		0.46	<0.001	<0.2	1.48	9	<10	260	0.5	<2	0.46	<0.5	10	29	24	2.48
ZZ121958		0.29	<0.001	0.2	1.67	8	<10	240	<0.5	<2	0.46	<0.5	11	28	26	2.55
ZZ121959		0.28	0.006	0.2	1.68	7	<10	340	0.5	2	0.79	0.5	12	28	30	2.49
ZZ121960		0.41	<0.001	<0.2	2.02	9	<10	320	0.5	<2	0.56	<0.5	11	37	24	2.98
ZZ121961		0.43	0.001	0.4	1.79	23	<10	350	0.6	<2	0.53	0.7	16	57	49	3.52
ZZ121962		0.37	<0.001	0.3	1.79	14	<10	330	0.6	<2	0.46	0.5	13	34	46	3.42
ZZ121963		0.40	<0.001	0.2	1.97	15	<10	350	0.5	<2	0.53	<0.5	13	41	41	3.27
ZZ121964		0.45	<0.001	0.2	1.86	11	<10	320	0.5	<2	0.43	<0.5	13	40	41	3.23
ZZ121965		0.49	<0.001	0.2	0.99	5	<10	250	<0.5	<2	0.23	<0.5	9	18	49	2.59
ZZ121966		0.35	0.005	<0.2	1.73	5	<10	200	<0.5	<2	0.29	<0.5	7	26	18	2.25
ZZ121967		0.33	<0.001	<0.2	1.72	7	<10	230	<0.5	<2	0.33	<0.5	8	27	18	2.53
ZZ121968		0.39	0.001	0.2	1.51	8	<10	270	<0.5	<2	0.60	<0.5	10	26	27	2.49
ZZ121969		0.33	0.002	0.2	1.66	9	<10	280	<0.5	2	0.60	<0.5	11	28	23	2.62
ZZ121970		0.51	<0.001	0.2	1.45	9	<10	260	<0.5	2	1.46	<0.5	11	29	36	2.70
ZZ121971		0.40	0.003	0.2	1.50	36	<10	280	<0.5	<2	0.67	<0.5	11	28	31	2.66
ZZ121972		0.52	0.001	0.2	1.54	9	<10	300	<0.5	<2	0.60	<0.5	12	30	30	2.79
ZZ121973		0.39	0.002	0.2	1.73	8	<10	290	<0.5	<2	0.62	<0.5	11	30	28	2.66
ZZ121974		0.35	0.001	0.2	1.64	9	<10	270	<0.5	<2	0.71	<0.5	11	31	26	2.66
ZZ121975		0.46	<0.001	<0.2	1.49	8	<10	240	<0.5	<2	0.52	<0.5	11	30	25	2.54
ZZ121976		0.45	0.004	<0.2	1.44	8	<10	230	<0.5	<2	0.43	<0.5	11	24	21	2.85
ZZ121977		0.39	0.004	0.2	1.55	7	<10	260	<0.5	<2	0.56	<0.5	10	28	30	2.23
ZZ121978		0.37	0.005	<0.2	1.52	7	<10	220	<0.5	2	0.44	<0.5	7	26	19	2.18
ZZ121979		0.36	<0.001	0.2	1.19	16	<10	210	<0.5	<2	0.50	<0.5	9	24	19	3.11
ZZ121980		0.31	<0.001	<0.2	1.57	10	<10	250	<0.5	2	0.72	<0.5	12	30	30	2.68
ZZ121861		0.39	<0.001	<0.2	1.37	11	<10	290	0.7	<2	0.98	<0.5	11	24	35	2.95
ZZ121862		0.32	<0.001	<0.2	1.29	7	<10	250	0.8	<2	1.20	<0.5	14	19	33	3.21
ZZ121863		0.41	0.001	<0.2	1.61	9	<10	270	0.7	2	0.81	<0.5	13	25	34	3.27

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 VANCOUVER BC V6B 1L8

Page: 2 - B  
 Total # Pages: 5 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 14- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ122044		<10	<1	0.06	20	0.62	494	2	0.02	38	510	25	0.05	<2	6	45
ZZ122045		<10	<1	0.05	20	0.55	518	1	0.02	26	460	34	0.02	<2	5	43
ZZ122046		<10	<1	0.05	20	0.54	633	2	0.02	40	500	33	0.03	<2	5	40
ZZ122047		<10	<1	0.05	20	0.55	440	2	0.02	26	580	43	0.03	2	5	42
ZZ122048		<10	<1	0.05	20	0.45	614	1	0.02	20	540	42	0.03	<2	3	34
ZZ122049		<10	<1	0.05	20	0.45	391	2	0.02	23	550	17	0.02	2	4	33
ZZ122050		<10	<1	0.04	20	0.44	342	2	0.02	26	570	21	0.02	2	4	33
ZZ121951		<10	<1	0.06	20	0.51	322	1	0.01	27	470	28	0.02	<2	3	30
ZZ121952		<10	<1	0.05	20	0.52	411	2	0.02	32	420	27	0.02	<2	4	34
ZZ121953		<10	<1	0.05	20	0.57	325	1	0.02	33	480	20	0.02	<2	4	32
ZZ121954		<10	<1	0.05	20	0.44	579	1	0.02	27	560	56	0.04	<2	4	40
ZZ121955		<10	<1	0.05	20	0.46	352	2	0.02	29	520	25	0.02	<2	4	34
ZZ121956		<10	<1	0.05	20	0.48	334	2	0.02	30	570	21	0.02	<2	5	34
ZZ121957		<10	<1	0.05	20	0.47	434	1	0.02	23	420	17	0.02	<2	4	34
ZZ121958		<10	<1	0.05	10	0.46	471	1	0.02	20	450	46	0.03	<2	4	35
ZZ121959		<10	<1	0.06	20	0.56	821	2	0.02	26	520	52	0.05	<2	4	55
ZZ121960		<10	<1	0.05	20	0.57	407	2	0.02	27	360	37	0.02	<2	5	38
ZZ121961		<10	<1	0.07	20	0.69	625	5	0.02	84	710	36	0.02	<2	6	38
ZZ121962		<10	<1	0.05	20	0.58	456	4	0.02	46	500	33	0.02	<2	6	34
ZZ121963		<10	<1	0.06	20	0.63	464	2	0.03	45	500	21	0.02	<2	7	38
ZZ121964		<10	<1	0.05	20	0.60	452	3	0.02	48	550	20	0.01	<2	6	34
ZZ121965		<10	<1	0.05	20	0.31	334	3	0.01	22	360	39	0.04	<2	4	23
ZZ121966		10	<1	0.04	10	0.43	169	1	0.02	17	460	13	0.04	<2	3	26
ZZ121967		<10	<1	0.04	10	0.47	215	1	0.02	18	580	14	0.04	<2	3	32
ZZ121968		<10	<1	0.06	10	0.57	390	1	0.04	25	730	10	0.04	<2	4	49
ZZ121969		<10	<1	0.05	10	0.48	506	1	0.03	22	640	12	0.03	2	4	39
ZZ121970		<10	<1	0.08	10	0.72	483	1	0.04	31	800	11	0.03	2	5	53
ZZ121971		<10	<1	0.05	10	0.57	395	2	0.03	28	680	14	0.05	2	4	61
ZZ121972		<10	<1	0.05	10	0.53	445	1	0.03	28	680	16	0.04	<2	5	39
ZZ121973		<10	<1	0.05	10	0.51	387	1	0.02	25	610	20	0.03	<2	5	43
ZZ121974		<10	1	0.05	10	0.49	508	1	0.02	25	660	21	0.04	<2	4	46
ZZ121975		<10	<1	0.05	20	0.48	339	1	0.02	23	640	23	0.02	2	4	35
ZZ121976		<10	<1	0.05	20	0.43	500	1	0.02	19	590	29	0.03	<2	4	32
ZZ121977		<10	<1	0.05	20	0.46	419	1	0.02	23	590	15	0.03	<2	5	37
ZZ121978		<10	<1	0.04	20	0.43	220	1	0.02	19	580	16	0.03	2	4	34
ZZ121979		<10	<1	0.04	20	0.41	333	2	0.02	21	920	13	0.03	<2	4	33
ZZ121980		<10	<1	0.05	10	0.56	416	1	0.03	25	750	12	0.03	<2	5	43
ZZ121861		<10	<1	0.06	20	0.47	362	1	0.02	33	600	13	0.07	2	5	86
ZZ121862		<10	<1	0.08	40	0.36	691	1	0.02	33	610	11	0.06	<2	5	90
ZZ121863		<10	<1	0.07	30	0.46	477	1	0.03	33	500	11	0.03	2	5	57

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Finalized Date: 14- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ122044		<20	0.08	<10	<10	56	<10	87
ZZ122045		<20	0.08	<10	<10	60	<10	82
ZZ122046		<20	0.07	<10	<10	58	<10	84
ZZ122047		<20	0.06	<10	<10	52	<10	88
ZZ122048		<20	0.05	<10	<10	51	<10	87
ZZ122049		<20	0.07	<10	<10	55	<10	61
ZZ122050		<20	0.05	<10	<10	51	<10	64
ZZ121951		<20	0.05	<10	<10	42	<10	63
ZZ121952		<20	0.05	<10	<10	46	<10	60
ZZ121953		<20	0.07	<10	<10	50	<10	66
ZZ121954		<20	0.05	<10	<10	49	<10	63
ZZ121955		<20	0.05	<10	<10	47	<10	65
ZZ121956		<20	0.05	<10	<10	47	<10	74
ZZ121957		<20	0.07	<10	<10	50	<10	62
ZZ121958		<20	0.06	<10	<10	54	<10	89
ZZ121959		<20	0.06	<10	<10	50	<10	100
ZZ121960		<20	0.08	<10	<10	63	<10	79
ZZ121961		<20	0.06	<10	<10	56	<10	126
ZZ121962		<20	0.07	<10	<10	56	<10	110
ZZ121963		<20	0.09	<10	<10	63	<10	87
ZZ121964		<20	0.08	<10	<10	58	<10	95
ZZ121965		20	0.03	<10	<10	27	<10	103
ZZ121966		<20	0.06	<10	<10	50	<10	53
ZZ121967		<20	0.07	<10	<10	61	<10	58
ZZ121968		<20	0.09	<10	<10	57	<10	66
ZZ121969		<20	0.08	<10	<10	61	<10	60
ZZ121970		<20	0.11	<10	<10	61	<10	76
ZZ121971		<20	0.08	<10	<10	58	<10	77
ZZ121972		<20	0.09	<10	<10	61	<10	70
ZZ121973		<20	0.07	<10	<10	57	<10	71
ZZ121974		<20	0.07	<10	<10	57	<10	68
ZZ121975		<20	0.08	<10	<10	54	<10	74
ZZ121976		<20	0.06	<10	<10	55	<10	75
ZZ121977		<20	0.08	<10	<10	53	<10	66
ZZ121978		<20	0.07	<10	<10	52	<10	60
ZZ121979		<20	0.07	<10	<10	55	<10	63
ZZ121980		<20	0.08	<10	<10	58	<10	72
ZZ121861		<20	0.05	<10	<10	44	<10	64
ZZ121862		<20	0.04	<10	<10	33	<10	55
ZZ121863		<20	0.06	<10	<10	45	<10	50

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121864		0.40	<0.001	<0.2	1.10	9	<10	210	0.6	<2	0.83	<0.5	13	20	25	2.88
ZZ121865		0.33	0.005	<0.2	1.23	10	<10	250	0.8	<2	1.01	<0.5	13	21	28	3.04
ZZ121866		0.29	0.005	<0.2	1.32	9	<10	300	0.7	<2	1.24	<0.5	13	21	26	3.08
ZZ121867		0.30	0.002	<0.2	1.11	6	<10	200	0.6	<2	1.75	<0.5	12	18	25	2.64
ZZ121868		0.36	0.011	<0.2	1.57	7	<10	200	0.7	2	1.34	<0.5	12	24	33	3.32
ZZ121869		0.39	0.006	<0.2	1.71	5	<10	230	0.7	2	1.35	<0.5	12	24	29	3.07
ZZ121870		0.29	0.003	<0.2	1.81	7	<10	230	0.6	<2	1.14	<0.5	11	28	34	2.98
ZZ121871		0.41	0.003	<0.2	1.68	9	<10	240	0.6	<2	0.98	<0.5	11	26	30	2.93
ZZ121872		0.30	0.005	0.2	1.51	7	<10	320	<0.5	<2	0.97	<0.5	10	25	35	2.47
ZZ121873		0.32	0.004	<0.2	1.37	7	<10	210	0.6	<2	1.18	<0.5	9	23	25	2.86
ZZ121874		0.44	0.001	<0.2	1.42	5	<10	270	0.6	<2	1.50	<0.5	9	22	33	2.87
ZZ121875		0.36	0.003	<0.2	1.32	5	<10	270	0.6	<2	1.90	<0.5	10	21	35	2.65
ZZ121876		0.38	0.004	<0.2	1.95	5	<10	210	0.7	<2	1.72	<0.5	14	29	32	3.29
ZZ121877		0.39	0.004	<0.2	2.18	7	<10	170	0.7	<2	1.21	<0.5	14	33	34	3.55
ZZ121878		0.36	0.004	<0.2	1.79	8	<10	210	0.9	<2	4.90	<0.5	15	28	34	3.42
ZZ121879		0.38	<0.001	<0.2	2.07	3	<10	110	1.3	<2	2.69	<0.5	20	41	35	4.56
ZZ121880		0.42	0.001	<0.2	1.98	7	<10	170	0.9	2	5.65	<0.5	20	35	33	4.04
ZZ121881		0.42	0.004	<0.2	2.03	9	<10	150	1.4	<2	1.49	<0.5	17	39	41	3.92
ZZ121882		0.42	0.004	<0.2	1.85	7	<10	130	1.4	<2	5.32	<0.5	17	32	34	3.63
ZZ121883		0.49	0.010	<0.2	2.35	5	<10	150	1.4	2	6.44	<0.5	18	42	31	4.47
ZZ121884		0.40	0.001	<0.2	1.93	7	<10	260	0.7	<2	1.43	<0.5	12	31	36	3.00
ZZ121885		0.41	0.003	<0.2	1.45	11	<10	270	<0.5	<2	1.76	0.5	12	29	41	2.79
ZZ121931		0.32	0.004	<0.2	1.95	5	<10	90	0.6	<2	0.13	<0.5	13	23	28	3.69
ZZ121932		0.34	<0.001	<0.2	1.62	8	<10	290	0.7	<2	0.27	<0.5	11	27	19	3.45
ZZ121933		0.35	<0.001	<0.2	1.70	5	<10	160	<0.5	<2	0.21	<0.5	9	20	7	3.45
ZZ121934		0.34	<0.001	<0.2	2.36	3	<10	180	0.5	<2	0.31	<0.5	10	20	12	4.25
ZZ121935		0.36	<0.001	<0.2	1.82	8	<10	240	0.5	<2	0.33	<0.5	10	27	20	2.96
ZZ121936		0.30	0.003	0.6	1.43	37	<10	990	<0.5	<2	0.85	0.9	15	28	49	3.02
ZZ121937		0.33	0.006	0.5	1.42	31	<10	980	<0.5	<2	0.56	0.9	15	25	41	3.03
ZZ121938		0.35	<0.001	0.4	1.41	30	<10	890	<0.5	<2	0.51	0.7	13	26	41	3.20
ZZ121939		0.23	0.005	0.4	1.09	22	<10	730	<0.5	<2	1.28	0.6	12	24	32	2.49
ZZ121940		0.32	0.002	0.2	1.21	13	<10	380	<0.5	<2	0.49	<0.5	11	27	19	2.22
ZZ121754		0.34	<0.001	<0.2	0.96	27	<10	220	0.8	<2	0.38	<0.5	15	16	26	3.65
ZZ121755		0.30	0.001	<0.2	0.78	18	<10	170	0.8	<2	0.28	<0.5	15	15	28	3.79
ZZ121756		0.32	0.007	<0.2	0.60	47	<10	210	0.9	<2	0.15	<0.5	14	9	28	3.58
ZZ121757		0.32	0.001	<0.2	0.84	15	<10	210	0.9	<2	1.16	<0.5	17	16	35	3.98
ZZ121758		0.38	0.005	<0.2	1.03	15	<10	190	0.8	<2	0.34	<0.5	15	19	30	3.84
ZZ121759		0.30	<0.001	<0.2	1.07	11	<10	240	0.6	2	0.90	<0.5	12	19	26	2.97
ZZ121760		0.36	0.002	<0.2	1.30	8	<10	280	0.7	<2	0.90	<0.5	16	22	33	3.28
ZZ121761		0.27	0.005	<0.2	1.06	8	<10	280	0.7	<2	1.78	<0.5	13	21	32	2.74

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Finalized Date: 14- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
ZZ121864		<10	<1	0.07	30	0.34	533	1	0.02	27	560	10	0.04	<2	4	57
ZZ121865		<10	<1	0.08	40	0.35	552	1	0.02	29	520	12	0.04	<2	4	72
ZZ121866		<10	<1	0.07	30	0.39	468	1	0.02	26	490	13	0.05	<2	4	90
ZZ121867		<10	<1	0.07	30	0.38	501	<1	0.02	25	580	10	0.06	<2	3	124
ZZ121868		<10	<1	0.11	30	0.50	383	1	0.03	29	520	9	0.04	<2	5	98
ZZ121869		<10	<1	0.10	30	0.49	693	<1	0.03	27	430	11	0.04	2	5	98
ZZ121870		<10	<1	0.10	20	0.57	441	1	0.03	29	380	10	0.03	<2	5	85
ZZ121871		<10	<1	0.08	20	0.49	370	1	0.03	28	430	13	0.02	<2	5	74
ZZ121872		<10	<1	0.10	20	0.51	291	<1	0.04	29	700	9	0.05	2	4	74
ZZ121873		<10	<1	0.07	30	0.46	321	1	0.03	24	580	8	0.03	<2	4	77
ZZ121874		<10	<1	0.08	30	0.50	361	1	0.03	28	650	12	0.05	2	4	98
ZZ121875		<10	<1	0.08	30	0.47	419	<1	0.02	31	670	7	0.06	<2	4	132
ZZ121876		10	<1	0.15	20	0.66	505	<1	0.03	34	510	9	0.02	<2	5	130
ZZ121877		10	<1	0.19	20	0.74	425	<1	0.03	33	490	9	0.02	3	5	101
ZZ121878		10	<1	0.14	30	0.62	525	1	0.03	36	560	10	0.02	<2	5	249
ZZ121879		10	<1	0.46	30	0.99	489	<1	0.01	47	700	9	0.02	<2	5	184
ZZ121880		10	1	0.43	20	1.00	526	<1	0.01	46	580	8	0.01	2	4	266
ZZ121881		10	<1	0.15	30	0.70	553	1	0.01	44	330	14	<0.01	<2	7	107
ZZ121882		10	<1	0.13	30	0.67	495	<1	0.01	39	530	10	0.01	<2	5	286
ZZ121883		10	<1	0.20	30	1.15	531	<1	0.01	42	710	10	0.01	2	5	440
ZZ121884		10	<1	0.10	20	0.62	479	1	0.03	30	560	11	0.01	<2	5	101
ZZ121885		<10	<1	0.09	10	0.82	430	1	0.04	31	800	8	0.01	<2	4	76
ZZ121931		<10	<1	0.07	40	0.81	278	1	0.01	27	370	8	<0.01	<2	4	13
ZZ121932		<10	<1	0.08	50	0.46	276	1	0.01	23	230	14	<0.01	<2	4	24
ZZ121933		<10	<1	0.06	40	0.73	214	1	0.01	16	330	8	<0.01	<2	4	20
ZZ121934		10	<1	0.19	70	1.41	273	1	0.01	18	570	8	<0.01	<2	5	24
ZZ121935		<10	<1	0.08	30	0.46	217	1	0.01	20	260	10	<0.01	<2	4	33
ZZ121936		<10	<1	0.05	10	0.38	829	3	0.01	44	960	13	0.04	<2	5	74
ZZ121937		<10	1	0.05	10	0.31	718	3	0.01	37	880	16	0.03	<2	5	54
ZZ121938		<10	<1	0.05	10	0.35	531	3	0.01	31	830	17	0.02	<2	5	51
ZZ121939		<10	<1	0.05	10	0.47	517	2	0.01	25	870	15	0.10	<2	4	132
ZZ121940		<10	<1	0.05	20	0.41	428	2	0.01	18	600	20	0.02	<2	3	36
ZZ121754		<10	<1	0.07	40	0.25	407	1	0.01	35	300	13	<0.01	<2	5	31
ZZ121755		<10	<1	0.07	40	0.20	450	1	0.01	35	420	15	<0.01	<2	5	29
ZZ121756		<10	<1	0.08	50	0.10	297	2	<0.01	35	270	18	<0.01	<2	3	19
ZZ121757		<10	<1	0.07	50	0.32	539	3	0.01	44	790	19	0.01	<2	5	60
ZZ121758		<10	<1	0.08	50	0.31	570	2	0.01	37	430	14	<0.01	<2	6	21
ZZ121759		<10	<1	0.07	30	0.33	540	1	0.02	28	490	12	0.03	<2	4	58
ZZ121760		<10	<1	0.06	40	0.42	431	1	0.02	38	460	9	0.03	<2	5	63
ZZ121761		<10	<1	0.06	40	0.36	539	1	0.02	30	650	11	0.06	<2	4	134

Comments: Sample ID #138(ZZ118825)was contaminated.

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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ121864		<20	0.04	<10	<10	36	<10	52
ZZ121865		<20	0.04	<10	<10	36	<10	52
ZZ121866		<20	0.04	<10	<10	39	<10	48
ZZ121867		<20	0.04	<10	<10	32	<10	45
ZZ121868		<20	0.06	<10	<10	42	<10	60
ZZ121869		<20	0.06	<10	<10	44	<10	46
ZZ121870		<20	0.09	<10	<10	49	<10	55
ZZ121871		<20	0.07	<10	<10	51	<10	49
ZZ121872		<20	0.09	<10	<10	50	<10	77
ZZ121873		<20	0.05	<10	<10	40	<10	47
ZZ121874		<20	0.05	<10	<10	37	<10	52
ZZ121875		<20	0.05	<10	<10	35	<10	47
ZZ121876		<20	0.09	<10	<10	47	<10	66
ZZ121877		<20	0.12	<10	<10	49	<10	73
ZZ121878		<20	0.07	<10	<10	43	<10	73
ZZ121879		<20	0.07	<10	<10	32	<10	106
ZZ121880		<20	0.08	<10	<10	30	<10	97
ZZ121881		<20	0.08	<10	<10	50	<10	78
ZZ121882		<20	0.03	<10	<10	32	<10	74
ZZ121883		<20	0.05	<10	<10	38	<10	90
ZZ121884		<20	0.10	<10	<10	55	<10	66
ZZ121885		<20	0.10	<10	<10	61	<10	73
ZZ121931		30	0.03	<10	<10	37	<10	56
ZZ121932		20	0.06	<10	<10	53	<10	59
ZZ121933		20	0.04	<10	<10	49	<10	39
ZZ121934		30	0.09	<10	<10	40	<10	47
ZZ121935		<20	0.07	<10	<10	53	<10	46
ZZ121936		<20	0.04	<10	<10	54	<10	124
ZZ121937		<20	0.03	<10	<10	49	<10	120
ZZ121938		<20	0.03	<10	<10	53	<10	109
ZZ121939		<20	0.03	<10	10	43	<10	92
ZZ121940		<20	0.04	<10	<10	45	<10	61
ZZ121754		<20	0.01	<10	<10	25	<10	69
ZZ121755		20	0.01	<10	<10	23	<10	76
ZZ121756		20	0.01	<10	<10	13	<10	79
ZZ121757		<20	0.01	<10	<10	23	<10	87
ZZ121758		20	0.02	<10	<10	27	<10	79
ZZ121759		<20	0.03	<10	<10	33	<10	48
ZZ121760		<20	0.04	<10	<10	39	<10	51
ZZ121761		<20	0.04	<10	<10	37	<10	43

Comments: Sample ID #138(ZZ118825)was contaminated.

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 Finalized Date: 14- OCT- 2017  
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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121762		0.29	0.001	<0.2	1.17	7	<10	250	0.8	<2	1.66	<0.5	14	23	34	3.09
ZZ121763		0.30	0.004	<0.2	1.29	7	<10	250	0.9	<2	1.42	<0.5	13	20	32	2.97
ZZ121764		0.33	<0.001	<0.2	1.33	7	<10	180	0.5	<2	0.72	<0.5	13	25	20	3.04
ZZ121765		0.30	0.001	<0.2	0.88	8	<10	120	<0.5	<2	0.26	<0.5	9	15	15	3.12
ZZ121766		0.39	<0.001	<0.2	1.67	9	<10	240	0.8	<2	0.48	<0.5	12	27	23	3.72
ZZ121767		0.39	0.002	<0.2	1.59	6	<10	220	0.8	<2	0.49	<0.5	14	27	23	4.00
ZZ121768		0.39	0.003	<0.2	1.47	7	<10	180	0.6	<2	0.31	<0.5	12	27	18	2.91
ZZ121769		0.34	<0.001	<0.2	1.67	7	<10	240	0.9	<2	0.58	<0.5	18	26	26	4.52
ZZ121770		0.35	0.019	<0.2	2.62	4	<10	120	<0.5	<2	0.27	<0.5	10	20	7	3.97
ZZ121991		0.39	0.001	0.2	1.68	6	<10	360	0.5	<2	0.73	<0.5	12	27	28	2.51
ZZ121992		0.35	0.004	<0.2	1.63	7	<10	320	0.6	<2	0.31	<0.5	11	34	30	2.71
ZZ121993		0.44	0.001	0.5	1.82	59	<10	390	0.8	<2	0.46	0.5	24	58	65	5.05
ZZ121994		0.29	0.003	0.2	1.89	15	<10	330	0.6	<2	0.50	0.5	13	35	37	3.06
ZZ121995		0.25	<0.001	<0.2	1.86	9	<10	260	<0.5	<2	0.36	<0.5	10	29	27	2.72
ZZ121996		0.34	<0.001	<0.2	1.68	9	<10	290	<0.5	<2	0.56	<0.5	11	29	29	2.63
ZZ121997		0.32	0.001	<0.2	1.77	9	<10	280	<0.5	<2	0.54	<0.5	11	29	25	2.73
ZZ121998		0.26	0.005	<0.2	1.81	12	<10	370	0.6	<2	0.71	<0.5	14	34	35	3.04
ZZ121999		0.37	0.010	<0.2	1.71	7	<10	330	0.5	<2	0.70	<0.5	11	31	31	2.50
ZZ122000		0.38	0.008	<0.2	1.73	11	<10	300	0.5	<2	0.62	<0.5	12	35	33	2.85
ZZ122001		0.39	<0.001	<0.2	1.76	10	<10	280	0.5	2	0.61	<0.5	12	31	31	2.97
ZZ122002		0.38	0.003	<0.2	1.43	9	<10	240	<0.5	<2	0.42	<0.5	12	24	21	2.70
ZZ122003		0.35	0.001	<0.2	1.55	9	<10	280	<0.5	<2	0.60	<0.5	10	29	29	2.48
ZZ122004		0.28	0.002	<0.2	1.72	11	<10	300	0.5	<2	0.50	<0.5	19	30	24	3.59
ZZ122005		0.42	0.007	<0.2	1.38	9	<10	240	<0.5	<2	0.53	<0.5	10	28	25	2.49
ZZ122006		0.41	0.011	<0.2	1.49	9	<10	220	<0.5	<2	0.38	<0.5	8	28	19	2.26
ZZ122007		0.34	<0.001	<0.2	1.67	9	<10	280	<0.5	<2	0.50	<0.5	10	31	28	2.63
ZZ122008		0.40	<0.001	<0.2	1.72	7	<10	240	<0.5	<2	0.37	<0.5	8	30	21	2.19
ZZ122009		0.29	0.002	0.3	1.62	10	<10	550	0.5	<2	0.61	<0.5	13	28	25	2.78
ZZ122010		0.37	0.001	0.3	1.67	12	<10	610	0.5	<2	0.43	<0.5	13	31	31	3.04
ZZ122011		0.33	0.006	<0.2	1.42	11	<10	410	<0.5	<2	0.29	<0.5	8	24	20	2.25
ZZ122012		0.33	0.001	0.3	1.57	13	<10	750	0.5	<2	0.62	<0.5	12	29	28	2.78
ZZ122013		0.24	<0.001	0.3	1.52	14	<10	470	<0.5	<2	0.70	<0.5	13	33	23	2.74
ZZ121941		0.42	0.002	0.2	1.36	13	<10	480	<0.5	2	0.48	<0.5	11	38	21	2.41
ZZ121942		0.32	0.007	0.3	1.40	10	<10	310	0.5	<2	0.57	<0.5	12	30	34	2.60
ZZ121943		0.44	0.003	0.2	1.94	15	<10	230	0.5	<2	0.41	<0.5	14	89	36	3.13
ZZ121944		0.33	<0.001	<0.2	1.58	8	<10	220	<0.5	<2	0.55	<0.5	11	42	25	2.47
ZZ121945		0.39	<0.001	<0.2	1.54	10	<10	280	0.5	<2	0.51	<0.5	11	30	25	2.61
ZZ121946		0.36	0.010	<0.2	1.71	8	<10	320	0.5	<2	0.43	<0.5	10	29	26	2.73
ZZ121947		0.31	0.003	<0.2	1.82	10	<10	300	0.5	<2	0.52	<0.5	10	32	31	2.87
ZZ121948		0.34	0.003	<0.2	1.73	8	<10	300	0.6	<2	0.57	<0.5	13	32	28	2.73

Comments: Sample ID #138(ZZ118825)was contaminated.



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 LIMITED  
 1016- 510 W HASTINGS STREET  
 VANCOUVER BC V6B 1L8

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 Finalized Date: 14- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121762		<10	<1	0.09	40	0.40	512	1	0.02	34	660	12	0.05	<2	4	121
ZZ121763		<10	<1	0.09	70	0.37	399	1	0.02	26	510	15	0.04	<2	4	104
ZZ121764		<10	<1	0.09	30	0.44	358	1	0.02	25	410	12	0.01	<2	4	53
ZZ121765		<10	<1	0.10	50	0.17	283	2	0.01	17	330	15	<0.01	<2	2	22
ZZ121766		<10	1	0.11	50	0.40	419	1	0.01	28	400	18	<0.01	<2	5	37
ZZ121767		<10	<1	0.16	50	0.43	434	1	0.01	26	400	18	<0.01	<2	6	39
ZZ121768		<10	<1	0.10	30	0.42	361	1	0.01	23	260	12	<0.01	<2	4	27
ZZ121769		<10	<1	0.27	80	0.59	476	1	0.01	36	480	15	<0.01	<2	7	46
ZZ121770		10	<1	0.54	40	1.86	253	1	0.01	17	470	7	<0.01	<2	6	23
ZZ121991		<10	<1	0.05	20	0.55	477	1	0.01	23	410	52	0.01	<2	4	52
ZZ121992		<10	<1	0.06	30	0.51	368	2	0.01	40	390	38	<0.01	<2	6	26
ZZ121993		<10	<1	0.08	20	0.52	725	4	0.01	134	670	69	<0.01	<2	11	35
ZZ121994		<10	<1	0.05	20	0.53	389	3	0.02	39	420	27	0.01	<2	6	37
ZZ121995		10	<1	0.05	10	0.55	246	2	0.02	22	580	16	0.04	<2	4	39
ZZ121996		10	<1	0.05	10	0.56	317	1	0.03	23	580	13	0.05	<2	5	43
ZZ121997		10	<1	0.05	10	0.49	362	1	0.03	22	630	15	0.03	<2	4	41
ZZ121998		10	1	0.05	20	0.63	445	1	0.03	32	650	23	0.05	2	5	49
ZZ121999		10	<1	0.05	20	0.54	459	1	0.03	26	700	19	0.04	2	5	45
ZZ122000		10	1	0.06	20	0.59	409	2	0.03	30	640	25	0.03	<2	5	42
ZZ122001		10	1	0.05	20	0.56	410	1	0.03	26	690	26	0.03	<2	5	42
ZZ122002		<10	<1	0.05	20	0.45	652	2	0.02	18	630	35	0.03	<2	4	32
ZZ122003		10	<1	0.05	10	0.49	277	1	0.03	24	700	14	0.02	<2	5	36
ZZ122004		10	<1	0.05	20	0.46	869	1	0.02	24	660	18	0.04	<2	4	41
ZZ122005		<10	<1	0.06	20	0.51	274	1	0.03	22	780	12	0.02	<2	4	35
ZZ122006		<10	1	0.05	20	0.45	228	1	0.02	18	570	21	0.03	<2	4	30
ZZ122007		<10	<1	0.05	20	0.50	336	1	0.03	23	570	13	0.02	<2	5	39
ZZ122008		10	<1	0.05	20	0.46	197	1	0.02	19	490	21	0.03	<2	4	32
ZZ122009		<10	1	0.05	30	0.44	728	3	0.02	23	760	39	0.04	<2	4	43
ZZ122010		10	<1	0.05	30	0.45	848	2	0.02	32	680	24	0.03	<2	5	35
ZZ122011		<10	1	0.04	20	0.35	248	1	0.01	16	440	14	0.02	<2	3	26
ZZ122012		10	1	0.05	20	0.41	618	2	0.02	23	770	22	0.05	<2	4	43
ZZ122013		10	<1	0.06	20	0.52	680	2	0.01	23	660	46	0.05	<2	4	45
ZZ121941		<10	<1	0.05	20	0.55	529	2	0.01	24	600	25	0.03	<2	4	38
ZZ121942		<10	<1	0.08	20	0.48	674	2	0.02	25	520	60	0.04	<2	4	53
ZZ121943		10	<1	0.12	20	1.21	409	2	0.02	55	530	27	0.02	<2	6	34
ZZ121944		10	1	0.05	20	0.61	513	1	0.02	30	440	19	0.03	2	4	37
ZZ121945		<10	1	0.06	40	0.44	458	2	0.02	27	480	42	0.03	<2	4	36
ZZ121946		10	<1	0.05	20	0.47	462	1	0.02	24	430	25	0.02	<2	4	37
ZZ121947		10	<1	0.05	20	0.54	341	2	0.02	27	490	21	0.03	<2	4	42
ZZ121948		10	<1	0.06	20	0.52	524	1	0.02	25	440	20	0.02	2	5	46

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ121762		<20	0.03	<10	<10	33	10	54
ZZ121763		<20	0.04	<10	<10	35	<10	51
ZZ121764		<20	0.06	<10	<10	43	<10	57
ZZ121765		<20	0.02	<10	<10	32	<10	48
ZZ121766		20	0.03	<10	<10	43	<10	71
ZZ121767		20	0.04	<10	<10	39	<10	64
ZZ121768		<20	0.06	<10	<10	49	<10	52
ZZ121769		30	0.06	<10	<10	34	<10	74
ZZ121770		20	0.12	<10	<10	61	<10	39
ZZ121991		<20	0.05	<10	<10	48	<10	81
ZZ121992		<20	0.06	<10	<10	49	<10	83
ZZ121993		<20	0.03	<10	<10	63	<10	142
ZZ121994		<20	0.07	<10	<10	61	<10	81
ZZ121995		<20	0.08	<10	<10	65	<10	59
ZZ121996		<20	0.09	<10	<10	60	<10	62
ZZ121997		<20	0.08	<10	<10	62	<10	57
ZZ121998		<20	0.08	<10	<10	67	<10	76
ZZ121999		<20	0.08	<10	<10	60	<10	64
ZZ122000		<20	0.09	<10	<10	61	<10	80
ZZ122001		<20	0.08	<10	<10	62	<10	78
ZZ122002		<20	0.05	<10	<10	53	<10	79
ZZ122003		<20	0.09	<10	<10	60	<10	66
ZZ122004		<20	0.06	<10	<10	57	<10	63
ZZ122005		<20	0.09	<10	<10	58	<10	64
ZZ122006		<20	0.07	<10	<10	52	<10	58
ZZ122007		<20	0.09	<10	<10	60	<10	57
ZZ122008		<20	0.07	<10	<10	48	<10	53
ZZ122009		<20	0.04	<10	<10	54	<10	65
ZZ122010		<20	0.05	<10	<10	51	<10	72
ZZ122011		<20	0.05	<10	<10	46	<10	55
ZZ122012		<20	0.04	<10	<10	55	<10	65
ZZ122013		<20	0.04	<10	<10	53	<10	62
ZZ121941		<20	0.04	<10	<10	45	<10	60
ZZ121942		<20	0.05	<10	10	44	<10	97
ZZ121943		<20	0.07	<10	<10	53	<10	75
ZZ121944		<20	0.06	<10	<10	50	<10	54
ZZ121945		<20	0.05	<10	<10	48	<10	64
ZZ121946		<20	0.06	<10	<10	51	<10	57
ZZ121947		<20	0.06	<10	<10	59	<10	61
ZZ121948		<20	0.07	<10	<10	58	<10	55

Comments: Sample ID #138(ZZ118825)was contaminated.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ121949		0.36	0.008	<0.2	1.76	7	<10	280	0.5	<2	0.53	<0.5	13	29	32	2.78
ZZ121950		0.45	0.005	<0.2	1.97	8	<10	300	0.6	<2	0.55	<0.5	13	38	36	2.99
ZZ122051		0.41	0.008	0.2	1.63	11	<10	290	<0.5	<2	0.50	<0.5	12	29	27	2.74
ZZ122052		0.20	0.001	0.2	1.73	11	<10	290	0.5	<2	0.48	<0.5	11	31	28	3.01
ZZ122053		0.47	0.001	<0.2	1.82	11	<10	310	0.5	<2	0.47	<0.5	11	36	33	2.82
ZZ122054		0.39	0.001	<0.2	1.64	9	<10	250	0.5	<2	0.37	<0.5	9	33	28	2.54
ZZ122055		0.34	0.002	<0.2	1.43	9	<10	180	<0.5	<2	0.33	<0.5	9	27	16	2.30
ZZ122056		0.18	0.011	0.2	1.32	10	<10	560	<0.5	2	0.92	0.7	9	29	31	1.79
ZZ121886		0.34	<0.001	0.3	1.31	22	<10	1000	0.5	<2	0.89	0.6	15	30	33	3.13
ZZ121887		0.49	0.004	0.3	1.38	27	<10	900	<0.5	<2	0.55	<0.5	14	27	38	2.96
ZZ121888		0.23	0.001	0.4	1.28	20	<10	790	<0.5	<2	0.80	<0.5	10	23	32	2.56
ZZ121889		0.21	0.007	0.2	1.07	52	<10	620	<0.5	<2	0.94	0.8	18	22	29	5.57
ZZ121890		0.43	0.001	<0.2	1.47	26	<10	320	0.6	<2	0.28	1.0	25	43	58	4.51
ZZ118821		0.38	0.002	<0.2	1.71	9	<10	290	0.5	<2	0.58	<0.5	16	57	36	2.97
ZZ118822		0.44	0.003	0.2	1.71	8	<10	250	0.5	<2	0.51	<0.5	22	122	33	3.20
ZZ118823		0.35	0.003	<0.2	1.87	6	<10	260	0.5	<2	0.46	<0.5	23	103	28	3.10
ZZ118824		0.31	0.002	<0.2	1.73	8	<10	280	0.5	<2	0.63	<0.5	16	62	35	2.77
ZZ118825		0.39	0.004	<0.2	1.67	9	<10	300	<0.5	<2	0.44	<0.5	13	52	29	2.73
ZZ121981		0.35	0.002	<0.2	1.52	7	<10	290	<0.5	<2	0.64	<0.5	11	28	29	2.48
ZZ121982		0.39	<0.001	<0.2	1.51	7	<10	230	<0.5	<2	0.42	<0.5	10	28	20	2.35
ZZ121983		0.22	0.001	<0.2	1.36	10	<10	440	<0.5	2	0.60	<0.5	8	23	21	2.20
ZZ121984		0.27	0.007	<0.2	1.48	8	<10	500	<0.5	<2	0.42	<0.5	9	23	17	2.19
ZZ121985		0.37	0.003	<0.2	1.53	19	<10	560	0.6	<2	0.39	<0.5	10	25	23	3.03

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**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ121949		10	<1	0.06	20	0.51	498	1	0.02	22	460	63	0.03	<2	5	42
ZZ121950		10	<1	0.06	20	0.59	456	2	0.02	29	480	59	0.02	2	6	41
ZZ122051		<10	<1	0.05	20	0.46	356	2	0.02	24	640	22	0.02	<2	4	38
ZZ122052		10	<1	0.05	20	0.45	440	2	0.02	25	590	42	0.04	<2	4	37
ZZ122053		10	1	0.06	20	0.55	331	1	0.02	29	560	20	0.02	<2	5	39
ZZ122054		<10	<1	0.05	20	0.51	241	1	0.02	23	410	21	0.01	2	5	31
ZZ122055		<10	<1	0.06	30	0.46	402	1	0.02	18	410	23	0.02	<2	3	29
ZZ122056		<10	<1	0.06	20	0.58	690	1	0.02	23	600	43	0.20	<2	4	77
ZZ121886		<10	1	0.06	20	0.43	688	2	0.02	32	650	25	0.05	<2	5	75
ZZ121887		<10	1	0.05	10	0.37	683	2	0.01	26	640	57	0.02	2	4	45
ZZ121888		<10	1	0.04	10	0.37	914	2	0.01	22	700	42	0.05	3	3	61
ZZ121889		<10	<1	0.05	20	0.39	1250	4	0.01	22	940	56	0.08	4	4	85
ZZ121890		<10	1	0.08	30	0.95	1160	3	0.01	85	530	65	0.01	3	8	22
ZZ118821		<10	1	0.08	20	0.88	592	1	0.03	100	640	9	0.01	4	6	40
ZZ118822		<10	<1	0.08	10	1.12	449	<1	0.03	234	580	7	<0.01	2	6	37
ZZ118823		<10	<1	0.06	10	1.17	463	1	0.02	199	420	8	0.01	<2	5	36
ZZ118824		<10	1	0.07	20	0.73	426	1	0.03	103	570	9	0.01	4	6	44
ZZ118825		<10	<1	0.05	10	0.59	425	1	0.02	62	500	11	0.01	<2	5	35
ZZ121981		<10	1	0.05	10	0.50	558	1	0.03	25	670	11	0.02	<2	4	44
ZZ121982		<10	<1	0.04	20	0.47	345	1	0.01	19	560	16	0.01	<2	4	31
ZZ121983		<10	<1	0.05	20	0.37	268	2	0.01	19	650	19	0.02	<2	3	40
ZZ121984		<10	1	0.05	20	0.38	463	1	0.01	16	610	21	0.02	4	3	34
ZZ121985		<10	<1	0.05	20	0.37	296	2	0.01	20	600	29	0.02	2	5	31

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**CERTIFICATE OF ANALYSIS WH17203079**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ121949		<20	0.07	<10	<10	55	<10	102
ZZ121950		<20	0.08	<10	<10	61	<10	110
ZZ122051		<20	0.06	<10	<10	58	<10	63
ZZ122052		<20	0.05	<10	<10	61	<10	55
ZZ122053		<20	0.08	<10	<10	57	<10	67
ZZ122054		<20	0.07	<10	<10	51	<10	57
ZZ122055		<20	0.07	<10	<10	46	<10	54
ZZ122056		<20	0.04	<10	10	42	<10	99
ZZ121886		<20	0.03	<10	<10	54	<10	97
ZZ121887		<20	0.03	<10	<10	57	<10	98
ZZ121888		<20	0.03	<10	<10	49	<10	67
ZZ121889		<20	0.03	<10	<10	83	<10	87
ZZ121890		<20	0.02	<10	<10	45	<10	182
ZZ118821		<20	0.10	<10	<10	61	<10	60
ZZ118822		<20	0.11	<10	<10	61	<10	61
ZZ118823		<20	0.09	<10	<10	59	<10	52
ZZ118824		<20	0.10	<10	<10	61	<10	58
ZZ118825		<20	0.09	<10	<10	57	<10	55
ZZ121981		<20	0.08	<10	<10	55	<10	61
ZZ121982		<20	0.06	<10	<10	54	<10	53
ZZ121983		<20	0.04	<10	<10	43	<10	55
ZZ121984		<20	0.04	<10	<10	45	<10	58
ZZ121985		<20	0.04	<10	<10	52	<10	62

Comments: Sample ID #138(ZZ118825)was contaminated.

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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203079**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- ICP41



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**1016- 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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 Plus Appendix Pages  
 Finalized Date: 25- OCT- 2017  
 Account: FECTRI

**CERTIFICATE WH17203332**

Project: Trident (Squid East)

This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: **TRIFECTA GOLD LTD.**  
**ATTN: DYLAN WALLINGER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203332**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm	ME- MS61 Fe %
K293411		0.72	0.73	0.58	1.3	350	0.19	0.83	0.77	0.78	3.61	1.5	15	0.51	5.5	1.59
K293412		1.05	0.16	0.61	432	1610	0.32	0.04	11.55	0.61	0.99	41.8	1700	2.88	15.7	3.74



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203332**

Sample Description	Method Analyte Units LOR	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5
K293411		1.39	<0.05	0.1	0.009	0.19	2.2	27.6	0.35	634	1.25	0.04	0.4	14.7	80	70.4
K293412		2.22	<0.05	<0.1	0.009	0.20	0.5	16.6	6.22	1550	2.90	<0.01	0.2	378	10	6.5





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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203332**

Sample Description	Method Analyte Units LOR	ME- MS61 Rb ppm	ME- MS61 Re ppm	ME- MS61 S %	ME- MS61 Sb ppm	ME- MS61 Sc ppm	ME- MS61 Se ppm	ME- MS61 Sn ppm	ME- MS61 Sr ppm	ME- MS61 Ta ppm	ME- MS61 Te ppm	ME- MS61 Th ppm	ME- MS61 Ti %	ME- MS61 Tl ppm	ME- MS61 U ppm	ME- MS61 V ppm
K293411		6.6	<0.002	0.01	0.16	2.1	1	0.2	43.6	<0.05	0.14	0.67	0.014	0.11	0.3	16
K293412		12.8	<0.002	0.17	0.57	3.9	1	<0.2	756	<0.05	<0.05	0.11	0.006	0.14	0.4	20



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 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203332**

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Au- ICP21 Au ppm 0.001
K293411		0.2	7.1	14	4.6	<0.001
K293412		0.4	2.1	163	1.6	<0.001



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203332**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REE's may not be totally soluble in this method.  
ME- MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
CRU- 31 CRU- QC LOG- 21 PUL- 31  
PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- MS61



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 Account: FECTRI

**CERTIFICATE WH17203333**

Project: Trident (Squid East)

This report is for 4 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21- SEP- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	MATT DUMALA	JOAN MARIACHER
DYLAN WALLINGER		

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203333**

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K293407		0.89	26.8	1.70	2.3	1710	1.80	106.5	7.83	0.78	13.80	8.2	26	2.56	30.7	1.48
K293408		1.00	0.11	1.50	3.0	840	0.60	0.27	13.25	0.13	10.70	5.0	18	5.15	10.8	6.73
K293409		1.08	0.43	2.97	22.5	370	1.62	1.99	11.45	0.16	17.00	7.7	19	4.19	23.2	4.67
K293410		1.10	2.93	7.58	90.8	390	1.56	15.00	5.06	0.59	23.1	8.3	22	0.58	90.6	11.00



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203333**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
K293407		5.55	0.05	0.4	0.024	0.16	7.3	31.8	0.60	572	3.59	0.13	1.8	19.0	250	589
K293408		3.54	0.05	<0.1	0.011	0.43	5.8	32.2	6.65	1320	0.13	0.24	1.0	12.5	90	5.7
K293409		6.86	0.06	0.1	0.017	0.56	8.8	18.4	5.95	1020	0.22	0.20	2.1	13.8	420	14.5
K293410		27.1	0.10	0.2	0.786	1.52	12.6	4.8	1.17	1380	2.44	0.23	2.5	8.8	230	293



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 Finalized Date: 25- OCT- 2017  
 Account: FECTRI

Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203333**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
K293407		7.3	0.002	0.11	0.37	4.8	7	9.1	150.5	0.14	3.32	2.34	0.064	0.27	0.7	55
K293408		20.4	<0.002	0.03	0.49	4.5	1	1.2	2710	0.05	0.05	1.40	0.067	0.14	0.4	38
K293409		24.9	<0.002	0.12	0.79	7.1	2	6.0	2250	0.08	0.12	1.88	0.118	0.18	0.7	58
K293410		63.6	0.002	0.90	1.50	22.9	2	6.5	435	0.20	1.32	3.35	0.178	0.39	1.3	218



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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203333**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21
		W ppm	Y ppm	Zn ppm	Zr ppm	Au ppm
		0.1	0.1	2	0.5	0.001
K293407		7.0	5.8	53	19.4	<0.001
K293408		7.8	8.5	23	1.8	0.004
K293409		14.7	7.4	43	3.5	0.006
K293410		1.1	11.4	269	5.1	0.003





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Project: Trident (Squid East)

**CERTIFICATE OF ANALYSIS WH17203333**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REE's may not be totally soluble in this method.  
ME- MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
CRU- 31 CRU- QC LOG- 21 PUL- 31  
PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- MS61



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Account: FECTRI

**CERTIFICATE WH17245947**

Project: Squid East

This report is for 3 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9- NOV- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE  
DYLAN WALLINGER

MATT DUMALA

JOAN MARIACHER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Squid East

CERTIFICATE OF ANALYSIS	WH17245947
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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm	ME- MS61 Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K293401		1.01	0.26	0.18	8.3	60	0.15	0.04	36.1	1.32	3.81	1.5	6	0.13	2.1	0.36
K293402		1.09	0.02	0.14	0.4	80	0.05	0.03	33.7	0.54	2.71	0.8	8	0.11	1.4	0.19
K293403		1.32	0.41	3.46	1.5	1960	0.45	1.37	0.53	0.02	7.17	0.1	14	0.90	1.3	0.78



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Project: Squid East

**CERTIFICATE OF ANALYSIS WH17245947**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
K293401		0.58	<0.05	<0.1	0.017	0.07	4.2	1.6	0.32	508	0.53	0.01	0.1	2.1	150	1065
K293402		0.44	<0.05	<0.1	<0.005	0.04	4.4	1.0	0.69	141	0.31	0.02	0.2	1.7	190	6.3
K293403		4.58	0.08	0.9	0.008	3.89	5.4	1.1	0.08	61	1.82	0.22	4.2	0.8	30	82.2



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 Account: FECTRI

Project: Squid East

**CERTIFICATE OF ANALYSIS WH17245947**

Sample Description	Method Analyte Units LOR	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1
K293401		2.5	<0.002	0.01	0.18	0.7	1	<0.2	879	<0.05	<0.05	0.15	0.006	0.02	1.3	5
K293402		1.9	<0.002	0.01	0.08	0.6	1	<0.2	666	<0.05	<0.05	0.14	0.007	<0.02	1.7	4
K293403		120.0	<0.002	0.17	0.16	0.7	1	1.0	112.0	0.37	0.18	4.68	0.018	1.03	0.6	1



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www.alsglobal.com/geochemistry

To: TRIFECTA GOLD LTD.  
C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016- 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Page: 2 - D  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 21- NOV- 2017  
Account: FECTRI

Project: Squid East

**CERTIFICATE OF ANALYSIS WH17245947**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- ICP21
		W ppm	Y ppm	Zn ppm	Zr ppm	Au ppm
		0.1	0.1	2	0.5	0.001
K293401		0.2	9.1	58	1.1	0.055
K293402		0.1	7.5	19	1.3	0.001
K293403		0.3	1.8	7	34.4	<0.001



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Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH17245947**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REE's may not be totally soluble in this method.  
ME- MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
CRU- 31 CRU- QC LOG- 21 PUL- 31  
PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au- ICP21 ME- MS61

**APPENDIX IV**  
**ROCK SAMPLE DESCRIPTIONS**



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**Rock Sample Descriptions**

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Property: Trident

Sample Number: K293401 UTM: 518078 mE Nad83, Zone 7  
Elevation: m UTM: 7047682 mN

Comments: Location: Exploit Zone road; in situ sample of white barite(?) (soft, white, correct cleavage present) with oxidized limonite stringers present throughout and minor (2cm) clear quartz veinlets. Found along road cut to Exploits Zone

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Sample Number: K293402 UTM: 518155 mE Nad83, Zone 7  
Elevation: m UTM: 7047695 mN

Comments: Location: Exploit Zone road; in situ sample of white barite(?) (soft, white, correct cleavage present) with oxidized limonite stringers present throughout and minor (2cm) clear quartz veinlets. Found along road cut to Exploits Zone

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Sample Number: K293403 UTM: 512356 mE Nad83, Zone 7  
Elevation: m UTM: 7043995 mN

Comments: Location: Squid west; Block of quartz broken off of the top of quartz/muscovite schist (unaltered with thin foliations). Quartz displays massive (>1cm) pyrite pits throughout, with fine yellow powder (scorodite?) along fracture faces and clay infill within pits. The pits themselves display orange colouration (not entirely representative of oxidation) around the selvages of the pits. muscovite/quartz schist trends roughly 140/15

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Sample Number: K293407 UTM: 518064 mE Nad83, Zone 7  
Elevation: m UTM: 7042982 mN

Comments: Location: Main road; fractured and re-healed (brecciation textures present) quartzite found along contact between muscovite schist and dark grey biotite(?) schist. Limonitic vugs present throughout the entire sample, with small rubbly crystals of quartz within.

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Sample Number: K293408 UTM: 518064 mE Nad83, Zone 7  
Elevation: m UTM: 7043008 mN

Comments: Location: Main road; Calcite found in a 10cm red horizon dipping roughly 10 degrees. Very intense deep red oxidation and weathering covers surface of calcite completely. Calcite itself shows no evidence of mineralization, but has a very

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**Rock Sample Descriptions**Property: Trident

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Sample Number: K293409 UTM: 518065 mE Nad83, Zone 7  
Elevation: m UTM: 7043008 mN

Comments: Location: Main road; Quartz/quartzite/carbonate (white to yellow) veins hosted within dark grey schist. Unit displays deep orange limonite in patches throughout. network of yellow to white quartz and carbonate(?) veinlets throughout with little to no oxidation. Found beside K293408

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Sample Number: K293410 UTM: 511649 mE Nad83, Zone 7  
Elevation: m UTM: 7044431 mN

Comments: Location: Squid west; sample of highly pitted orange/green/yellow/purple mica schist. Fine disseminated pyrite and extensive pyrite pitting present within (both on surface and within fracture faces of sample) weakly foliated. Found on ridgetop as float, but two separate clusters of pieces (roughly 2 at each) found within 1m of each other, and also located directly on ridgetop so no possible transport source. Green colouration resembles weak chlorite alteration. Oxidation present along with possible manganese(?) staining on surface. Pyrite is very small (<1mm), but disseminated through entire sample along with relatively pervasive alteration. 511649/7044431

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Sample Number: K293411 UTM: 514910 mE Nad83, Zone 7  
Elevation: m UTM: 7048441 mN

Comments: Very thinly bedded graphitic muscovite schist. Blck to metallic grey and greasy. Very thin (<1cm) beds/foliations with lenses of quartz and patchy orange limonite stain. No orientation available due to fine fracture

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Sample Number: K293412 UTM: 514850 mE Nad83, Zone 7  
Elevation: m UTM: 7048465 mN

Comments: Muscovite quartz schist along same general trend, ~310/50. Zone of concentrated sericite/fuchsite altered schist present in float (roughly 20cm in size). No orientation or bedrock source found below surface. Very deep soil horizon present, with horizons or black graphitic schist and chlorite schist in the immediate area.

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**APPENDIX IV**  
**GEOLOGICAL AND GEOTECHNICAL LOGS**

# Trident - Trident

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		519706	7048004	802.3	110

**ZONE:** Exploits

**SECTION:** SE-17-001 Drill Section

SURVEY			
Depth (m)	Azimuth	Dip	Method

**TARGET:** Exploits Zone

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.43	0.43	OVB
0.43	11.89	11.46	CBS
11.89	15.02	3.13	CBS
15.02	18.71	3.69	CBS
18.71	25.67	6.96	CBS
25.67	27.94	2.27	CBS
27.94	32.93	4.99	CBS
32.93	35.37	2.44	CLS
35.37	35.8	0.43	FLT
35.8	41.46	5.66	CBS
41.46	43.5	2.04	SER
43.5	43.88	0.38	SER
43.88	44.44	0.56	SER
44.44	45.75	1.31	CBS
45.75	48.24	2.49	CBS
48.24	50.6	2.36	SER

**HOLE:** SE -17-001

**CLAIM:** Squid East YE27015

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 7m, Out

Drilling Dates: Aug 12 - Aug 17, 2017

Geology Logged By: W. Kelson

SAMPLES	
Numbers:	W591001 to W591058, W591227 to W591243
Total:	75
Batch:	001, 002, 007, 009
Certificates:	VA17185458, VA17185463

COMMENTS
Hole ended due to clay problems

50.6	53.83	3.23	CBS
53.83	61.6	7.77	SER
61.6	66.1	4.5	CBS
66.1	67	0.9	GPS
67	70.27	3.27	GPS
70.27	86.37	16.1	CBS
86.37	94.79	8.42	SER
94.79	99	4.21	CBS
99	106	7	SER
106	107.5	1.5	SER
107.5	110	2.5	CBS

Box Number	From (m)	To (m)
1	0	2.4
2	2.4	5.16
3	5.16	8.27
4	8.27	11.69
5	11.69	15.02
6	15.02	18.25
7	18.25	21.5
8	21.5	24.8
9	24.8	28
10	28	32.05
11	32.05	35.32
12	35.32	37.43
13	37.43	41.25
14	41.25	44.24
15	44.24	47.55
16	47.55	50.65
17	50.65	53.55
18	53.55	56.82
19	56.82	59.83
20	59.83	62.72
21	62.72	65.24
22	65.24	68.1
23	68.1	70.94
24	70.94	73.96
25	73.96	76.86
26	76.86	80
27	80	83.15
28	83.15	86.66
29	86.66	89.84

Box Number	From (m)	To (m)
30	89.84	92.41
31	92.41	95.54
32	95.54	98.87
33	98.87	101.77
34	101.77	104.6
35	104.6	107.5
36	107.5	110

Box Number	From (m)	To (m)
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Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
SE -17-001									
	3.95	7.5	HQ	CBS	597.2	1	2.72	1.0	chlorite schist
	18.9	12.5	HQ	CBS	1034.8	1	2.83	1.0	CS w qtz/carb veinlets
	24.15	8	HQ	CBS	764.4	1	3.27	1.0	cbs
	24.5	13	HQ	CBS	1079.1	1	2.84	1.0	cbs w qtz/carb stringer/pitting
	25.5	10	HQ	CBS	840.3	1	2.88	1.0	cbs w qtz/carb stringers
	26.5	12	HQ	CBS	985.3	1	2.81	1.0	qtz/carb vein in cbs
	29.9	8.5	HQ	CBS	637.5	1	2.57	1.0	cbs w qtz/carb stringer
	34.85	5	HQ	CLS	336.4	1	2.3	1.0	cbs
	37.4	5.5	HQ	CBS	457.3	1	2.85	1.0	cbs
	40.5	5.5	HQ	CBS	466.8	1	2.9	1.0	cbs
	41.8	7	HQ	SER	586.5	1	2.87	1.0	ss w gal/pyr
	42.35	8.5	HQ	SER	747.2	1	3.01	1.0	ss w gal/pyr
	43.4	4	HQ	SER	332.7	1	2.85	1.0	ss w gal/pyr
	44.4	3.5	HQ	SER	331.9	1	3.24	1.0	ss w gal/pyr
	47	7	HQ	CBS	677.5	1	3.31	1.0	cbs w qtz/carb stringers
	47.75	13	HQ	CBS	1203.5	1	3.17	1.0	cbs w qtz/carb stringers
	52	5	HQ	CBS	553.2	1	3.79	1.0	cbs w qtz/carb vein
	53	7	HQ	CBS	632.4	1	3.09	1.0	cbs w qtz carb stringer
	54	6.5	HQ	SER	467.7	1	2.46	1.0	qtz/carb vein @ ss contact
	54.75	4	HQ	SER	362.2	1	3.1	1.0	ss
	57.5	3.5	HQ	SER	245.5	1	2.4	1.0	ss
	59.5	7.5	HQ	SER	557.8	1	2.54	1.0	ss w gal/pyr
	60.6	5.5	HQ	SER	421.2	1	2.62	1.0	ss w gal/pyr
	62	14.5	HQ	CBS	861.4	1	2.03	1.0	cbs
	62.8	6.5	HQ	CBS	621.3	1	3.27	1.0	cbs
	68.2	3.5	HQ	GPS	380.9	1	3.72	1.0	graphite schist
	68.8	4.5	HQ	GPS	331.5	1	2.52	1.0	graphite schist
	70.6	5.5	HQ	CBS	467.9	1	2.91	1.0	cbs w qtz carb vein
	71.2	13	HQ	CBS	849.1	1	2.23	1.0	cbs w qtz/carb stringer

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	76.2	11.5	HQ	CBS	678.4	1	2.02	1.0	cbs
	78.3	10.5	HQ	CBS	741.1	1	2.42	1.0	cbs w qtz/carb stringer
	80.6	8.5	HQ	CBS	749.6	1	3.02	1.0	cbs w qtz/carb stringer + pyr
	82	5.5	HQ	CBS	568.7	1	3.54	1.0	cbs w qtz/carb stringer + pyr
	85.75	4.5	HQ	CBS	543.2	1	4.13	1.0	cbs w qtz/carb vein]
	87.6	6	HQ	SER	513.5	1	2.93	1.0	ss w gal + pyr
	88.2	8.5	HQ	SER	664.2	1	2.67	1.0	ss w gal/pyr
	90.55	5.5	HQ	SER	493.4	1	3.07	1.0	ss w gal/pyr
	92	9	HQ	SER	806.7	1	3.07	1.0	ss w gal/pyr
	93.3	11.5	HQ	SER	1080.8	1	3.22	1.0	ss w pyr/gal
	93.3	12	HQ	SER	804.4	1	2.29	1.0	ss w gal/pyr
	93.9	5.5	HQ	SER	456.4	1	2.84	1.0	ss w pyr/gal
	94.65	8	HQ	SER	674.1	1	2.88	1.0	ss w qtz/carb stringer
	94.9	10	HQ	CBS	777.1	1	2.66	1.0	cbs w pyr/ qtz carb stringer
	95.15	11.5	HQ	CBS	954.3	1	2.84	1.0	cbs w qtz/carb stringers
	95.3	10	HQ	CBS	909.5	1	3.11	1.0	cbs
	95.3	8	HQ	CBS	733.6	1	3.14	1.0	cbs w pyr + qtz/carb stringer
	96	8.5	HQ	CBS	776.2	1	3.12	1.0	cbs w qtz/carb + pyr vein
	96.4	9	HQ	CBS	643.4	1	2.45	1.0	cbs w qtz/carb stringer
	97.7	7.5	HQ	CBS	608.7	1	2.78	1.0	ss w pyr/gal
	98	11	HQ	CBS	895.6	1	2.79	1.0	CBS
	98.55	8.5	HQ	CBS	734	1	2.95	1.0	CBS
	99.4	8	HQ	SER	694.6	1	2.97	1.0	SS w gal/pyr
	101.3	9.5	HQ	SER	798.8	1	2.88	1.0	SS w gal/pyr + qtz/carb veins
	101.7	8	HQ	SER	605.9	1	2.59	1.0	SS w gal +pyr
	102.2	6	HQ	SER	514.9	1	2.94	1.0	sericite schist w galena/pyrite
	108.7	6	HQ	CBS	439.9	1	2.51	1.0	CBS
	109.7	9	HQ	CBS	743.4	1	2.83	1.0	CBS + qtz/carbonate veinlets



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
11.04	11.89	0.85	CBS	FG	Same chlorite biotite schist as main unit, but carbonate stringers present throughout. Found on hanging wall of clay gouge zone.	DK	BK	FO			Ca	4
						DK	GN					
11.89	15.02	3.13	CBS	--	Grey/green/blue chlorite biotite schist clay zone. Very soft, and very fine clay matrix.							
						MD	GN					
						MD	BK		CHL	4I		
						DK	BK	---	CHL	3I	--	(
						DK	GN					
15.02	18.71	3.69	CBS	FG	Chlorite biotite schist unit with quartz/carbonate lenses and veinlets sporadically throughout (no greater than 3cm, unmineralized). Very trace foliation present at ~70TCA with 1mm foliations. No carbonate or red carbonate speckles/mottling present.							
						DK	GN	FO	CHL	4I	Cb	2
						DK	GY					
						DK	BK					
24.40	24.69	0.29	CBS	FG	Interval of extremely mottled/pitted chlorite biotite schist. Schist carries a a great amount of pink/red carbonate material and a light green mineral (epidote?). Orange pits present (might be a weathered state of the red carbonate, or limonite, very similar look). Hard (5-6) elongate, black mineral present (tourmaline or actinolite). White carbonate present as a thin film around core and in pits, along with fine sugary quartz crystals within pits.							
						MD	WH					
						MD	GN					
						MD	PK					
						LT	GN	Pi	CHL	3I		
						LT	GY					
						DK	GN					
25.67	27.94	2.27	CBS	FG	Chloritic clay gouge (holds form tightly). Sharp upper contact at 70TCA. Unmineralized 35cm quartz vein within gouge (very competent).							
						MD	GY		CHL	3I		
						MD	GN		CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
43.88	44.44	0.56	SER	FG	Continuation of sericite schist zone above. Moderately sericite altered schist zone ranging in colour from bleached/pale white to light waxy green. Waxy green is sporadic and spotty, but pervasive where seen throughout entire zone. Small albite clasts present in clusters (1-3mm clast) roughly following along plane of foliation. Thin stringers (1mm) of white to yellow/tan to brown clay present along foliation planes and other minor fractures. Foliation of schist is roughly 70*TCA. Quartz is present in small veinlets and lenses, but is pervasively integrated into the schist itself (no definitive veins w/ contacts, etc.). Disseminated pyrite is seen sporadically throughout the interval, but more prevalent in the white sericitic schist zones (versus green). Fine and disseminated tourmaline present along with pyrite in sericitic schist zones that display minor pitting (fills pits, similar to fine tourmaline and pyrite seen at KLAZA property). Very dull red stain present in rare patches, along with oxidized/limonitic clay stringers. Same textures as MEK core drilled in 2013. Lower contact ~60-65*TCA. Zone is highly fractured. Waxy green alteration starts to dissipate with depth and white sericitic colour becomes more dominant.				CHL	4I		
						MD	WH		SER	3I		
						LT	WH	FR	SER	2I		
						LT	GN		SER	4I		
						LT	OR					
50.60	53.83	3.23	CBS	FG	gougey chlorite schist transitioning to very intensely chloritized schist with quartz eyes/lenses following along 60*TCA foliation (1mm spacing). Quartz has carbonate present along its selvages, along with micro strain shadows from weak deformation. Disseminated cubes of pyrite present within quartz/carbonate veinlets and lenses. Hematitic alteration present along fractures and surface (not pervasive).							
						LT	GN		CHL	4I		
						DK	GN	FO	CHL	3I		
									HEM	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.17	59.00	0.83	FLT	-	Faulted (gouged and rubbly) sericite schist with pebble sized quartz clasts. Fault zone has light tan colour. Contacts not sharp due to rubble. Very fine and trace disseminated pyrite present.							
						MD	WH		SER	4I		
						LT	TN	RB	SER	2I	Py	0.2
						LT	WH	FR	SER	3I		
60.80	61.60	0.80	SER	FG	sericite altered schist that has green waxy alteration colour present and is waxy. Pervasive throughout. Minor pyrite and possible arsenopyrite?? (much more silver and slightly different crystal structure/texture to it, could simply be more pyrite)							
						LT	GN					
						LT	WH		SER	3I	Py	1
						LT	GY		SER	4I	As	0.1
87.07	87.93	0.86	SER	FG	Interval of strongly foliated patchy green (but pervasive) sericite altered schist (60-70% of interval). Schist is soft, broken down from 87.07-87.35m. Intermittent quartz/carbonate sheets fill foliation as a flood (in place of veining). Pyrite and galena present as disseminations throughout the core, following foliation planes (60-65TCA)							
						LT	GN	FR	SIL	2I	Gn	1
						LT	WH	FO	SER	4I	Py	1
						LT	GY		SIL	3I		
88.15	88.27	0.12	SER	FG	interval of pitted siliceous quartz/carbonate/sericite schist. Interval has mitted surface with sugary/euhedral quartz present within. Hosts disseminated pyrite and galena in pits and as disseminations throughout, mostly following foliation of quartz sheets (~80TCA). Anastomosing orange (1mm width) seen along foliation planes (limonite or clay).							
						LT	WH	FO	SER	3I	Py	2
						LT	GY		SIL	3I	Gn	3
						LT	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
88.41	88.46	0.05	SER	FG	Quartz flooded interval with carbonate sporadically throughout. Pyrite and galena disseminated throughout, along with minor honey brown sphalerite. Foliation appears to be the same as quartz sheets, but carbonate follows 80-90TCA.							
						LT	WH	FO	SER	2I	Py	2.5
						LT	GY		SIL	4I	Gn	2.0
											Sp	0.2
89.25	89.46	0.21	SER	FG	quartz flooded vein zone withing sericite schist. Quartz is sheeted throughout, with additional veinlets (2) of quartz/carbonate roughly 0.5cm wide and 70TCA. Carbonate found along selvages of quartz veins/sheets. Disseminated pyrite, galena, sphalerite (honey brown) present throughtout, but focused in a lense of flooded quartz along initial 9cm of interval							
						LT	GY	FO	SER	3I	Py	1.5
						LT	WH		SIL	4I	Gn	2.5
									SIL	3I	Sp	1.0
92.00	92.46	0.46	SER	FG	sheeted quartz flood zone within sericite schist. Quartz has sheets and irregular (slightly) lenses within. Carries disseminated pyrite, galena and sphalerite throughout entire interval. Follows foliation ~65TCA very closely. Very thin green sericite bands intermittently throughout.							
						LT	WH	FO	SIL	3I		
						LT	GY		SIL	4I		
						LT	GN		SER	3I		
99.00	100.78	1.78	SER	FG	dominantly quartz flooded sheets of sericite schist (white). Foliation/seets are irregular, and roughly 1-3mm							
						LT	WH	FR	SIL	4I	Gn	0.5
						LT	GY	FO	SIL	3I	Py	1.0
								GO	SER	3I	Sp	0.1
100.78	104.46	3.68	SER	FG	green sericite schist with quartz sheets overprinting in intermittent patches across interval. Soft (decomposed) in patche, along with highly fractured intervals.							
						LT	WH	GO	SER	3I	Sp	0.1
						LT	GN	FR	SIL	3I	Gn	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	FO	SIL	2I	Py	0.5
									SER	4I	Rh	1
104.46	105.30	0.84	CBS	FG	Highly fractured chlorite biotite schist							
						MD	GN	FO	CHL	3I		
						DK	GN	FR	CHL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.43	11.89	11.46	CBS	FG	Dark to medium green/black/grey chlorite biotite schist. Very minor to no foliation (70-80TCA). Carries mottled/speckled texture (numerous small clasts) of soft white carbonate (weak to strong effervescence), and sporadic veins/veinlets/lenses (1mm to 4cm) of quartz/carbonate throughout. CBS carries deep red to rusty red patches (similar to hematite, but carbonaceous) that follow foliation (strong reaction to acid, possibly Siderite? Or carbonatized hematite?). Red carbonate found sporadically throughout.							
						MD	GN		HEM	1I		
						MD	BK					
						DK	GY					
						DK	GN	FO	CHL	4I	He	0.5
						DK	BK					
11.89	15.02	3.13	CBS	--	Grey/green/blue chlorite biotite schist clay zone. Very soft, and very fine clay matrix.							
						DK	BK	---	CHL	3I	--	0
						MD	BK		CHL	4I		
						MD	GN					
						DK	GN					
15.02	18.71	3.69	CBS	FG	Chlorite biotite schist unit with quartz/carbonate lenses and veinlets sporadically throughout (no greater than 3cm, unmineralized). Very trace foliation present at ~70TCA with 1mm foliations. No carbonate or red carbonate speckles/mottling present.							
						DK	GN	FO	CHL	4I	Cb	1
						DK	GY					
						DK	BK					
18.71	25.67	6.96	CBS	FG	Chlorite biotite schist with large patches of speckled white carbonate throughout, along with red/rust Mn coloured patches of carbonate clay(?). Carbonate clay (red) is highly reactive to HCL. Weak foliation present, roughly 70 TCA. 1mm beds of white to clear quartz present							
						DK	GN	FO	CHL	3I	Ac	0.5
						DK	GY	FR	CHL	4I	To	0.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
25.67	27.94	2.27	CBS	FG	Chloritic clay gouge (holds form tightly). Sharp upper contact at 70TCA. Unmineralized 35cm quartz vein within gouge (very competent).							
									CHL	4I		
						MD	GY		CHL	3I		
						MD	GN		CHL	2I		
27.94	32.93	4.99	CBS	FG	coarse foliated chlorite biotite schist with 2mm foliation spacing at 70-80TCA. Quartz veins present sporadically ranging from 1-4 cm, along with undulating quartz lenses. Brown/orange clay present along and between foliation planes. Along quartz veins, disseminated to disseminated blebs of pyrite are present that are enveloped by red carbonate (highly reactive to acid). Minor white carbonate present smaller sporadic quartz veinlets (outlined in secondary structures). CBS interval ranges from very competent to fractured to rubbly gouge. Carbonate is white to light tan.							
						DK	GN	FO	CHL	3I	Py	0.5
						DK	BL	FR	CHL	4I		
						MD	GY					
32.93	35.37	2.44	CLS	FG	Dark to medium green chlorite schist with minor biotite/muscovite. Interval has chloritic clay gouge zone within with clasts of chlorite/biotite. Clay is very fine and mushy							
						MD	GN	FO	CHL	2I		
						DK	GN	FR	CHL	3I		
								RB	CHL	4I		
35.37	35.80	0.43	FLT	--	clay rich to very rubbly fault zone. Fault carries cobble sized quartz throughout. Light brown to light medium green in colour, with chlorite, muscovite, biotite and quartz present throughout entire fault.							
						LT	GN	RB				
						LT	BR					
						MD	GN					
35.80	41.46	5.66	CBS	FG	Rubbly and clay gouged chloritic schist transitioning into highly fractured chlorite biotite schist with sporadic and recurring intervals of clay averaging roughly 50cm in width. End of interval transitions to an orange/tan altered contact halo along sericite contact for the last 30cm of interval.							
						LT	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	TN					
						LT	TN		SER	1I		
						DK	GN		CHL	4I		
						MD	GN		CHL	3I		
						LT	GN	FR	CHL	2I		
						MD	BK					
41.46	43.50	2.04	SER	FG	Moderately sericite altered schist zone ranging in colour from bleached/pale white to light waxy green. Waxy green is sporadic and spotty, but pervasive where seen throughout entire zone. Small albite clasts present in clusters (1-3mm clast) roughly following along plane of foliation. Thin stringers (1mm) of white to yellow/tan to brown clay present along foliation planes and other minor fractures. Foliation of schist is roughly 70*TCA. Quartz is present in small veinlets and lenses, but is pervasively integrated into the schist itself (no definitive veins w/ contacts, etc.). Disseminated pyrite is seen sporadically throughout the interval, but more prevalent in the white sericitic schist zones (versus green). Fine and disseminated tourmaline present along with pyrite in sericitic schist zones that display minor pitting (fills pits, similar to fine tourmaline and pyrite seen at KLAZA property). Very dull red stain present in rare patches, along with oxidized/limonitic clay stringers. Same textures as MEK core drilled in 2013. Lower contact ~60-65*TCA. Zone is highly fractured.							
						LT	GN					
						MD	WH	FR	SER	2I	To	0.1
						LT	GY		SER	4I		
						MD	GY					
						LT	OR					
						LT	YW					
						LT	WH	FO	SER	3I	Py	1
43.50	43.88	0.38	SER	--	Gouge zone of minor chloritic to white/orange altered (sericite?) mica schist clay with sporadic quartz within. Disseminated pyrite but very minor.							
						MD	OR					
						MD	WH	FR	CLY	2I	Py	1



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SER	2I		
						LT	OR					
						MD	GN					
43.88	44.44	0.56	SER	FG	Continuation of sericite schist zone above. Moderately sericite altered schist zone ranging in colour from bleached/pale white to light waxy green. Waxy green is sporadic and spotty, but pervasive where seen throughout entire zone. Small albite clasts present in clusters (1-3mm clast) roughly following along plane of foliation. Thin stringers (1mm) of white to yellow/tan to brown clay present along foliation planes and other minor fractures. Foliation of schist is roughly 70*TCA. Quartz is present in small veinlets and lenses, but is pervasively integrated into the schist itself (no definitive veins w/ contacts, etc.). Disseminated pyrite is seen sporadically throughout the interval, but more prevalent in the white sericitic schist zones (versus green). Fine and disseminated tourmaline present along with pyrite in sericitic schist zones that display minor pitting (fills pits, similar to fine tourmaline and pyrite seen at KLAZA property). Very dull red stain present in rare patches, along with oxidized/limonitic clay stringers. Same textures as MEK core drilled in 2013. Lower contact ~60-65*TCA. Zone is highly fractured. Waxy green alteration starts to dissipate with depth and white sericitic colour becomes more dominant.							
						MD	WH		SER	3I		
						LT	GN		SER	4I		
						LT	OR					
						LT	WH	FR	SER	2I		
44.44	45.75	1.31	CBS	FG	Highly fractured chlorite biotite schist with quartz. Foliation is moderately spaced (5mm), and orange/limonitic stain/alteration is found along fracture faces. Interval of softer "broken down" but not clay chlorite biotite schist							
						MD	GN					
						MD	OR					
						LT	GN	RB				
						LT	OR	FR				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
45.75	48.24	2.49	CBS	FG	very competent interval of chloritic altered biotite/muscovite schist (no foliation visible). Small quartz veinlets up to 3cm cross throughout, but no visible mineralization within. Small soft dark green blebs of chlorite present along veinlet selvages. Very euhedral/cubic disseminated pyrite (up to 0.5cm) present disseminated sporadically throughout interval. Surface hematite alteration present along fracture faces, along with carbonate. Quartz veins all trend roughly 25-30*TCA and 5-10*TCA.							
						MD	GN		CHL	3I		
									CHL	2I	Py	1
									CHL	4I		
50.60	53.83	3.23	CBS	FG	gougey chlorite schist transitioning to very intensely chloritized schist with quartz eyes/lenses following along 60*TCA foliation (1mm spacing). Quartz has carbonate present along its selvages, along with micro strain shadows from weak deformation. Disseminated cubes of pyrite present within quartz/carbonate veinlets and lenses. Hematitic alteration present along fractures and surface (not pervasive).							
						DK	GN	FO	CHL	3I		
						LT	GN		CHL	4I		
									HEM	2I		
53.83	61.60	7.77	SER	FG	Strongly sericite altered schist that is quartz rich sporadically throughout. Zone is highly fractured. Sericite has numerous quartz veins ranging from 1-7cm. Waxy green sericite alteration is weakly present in patches throughout entire interval (approximately 15-20%). Disseminated pyrite hosted throughout, following along foliations and found outside of foliation planes. Soft mica to non-mica clay (1mm) also follows foliation planes. Gouge zone from 58-59m. Quartz veins host disseminated pyrite, galena, rare chalcopyrite (green tinge compared to pyrite) and possible sphalerite (yellow/orange, zonation textures seen but very small) in small disseminated veinlets. Sericite zone is highly fractured and gouged in intervals							
						LT	WH	FR	SER	3I	Py	1
											Sp	0.1
						MD	GY		SER	4I	Gn	0.2
						LT	GY		SER	5I	Cp	0.2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.10	67.00	0.90	GPS	FG	**Interval of ground/lost core. Spoke to Kevin, and he said it was gaurenteed from the core slipping and having a piece of core left in the barrel that was thrashing around. Very little recovery in this interval** Quartz/carbonate network within weakly chloritic to graphitic schist. Carbonate ranges from white/tan/pink. Veining consists of a very fine network ~1-2mm quartz/carbonate hosting disseminated pyrite, and possible arsenopyrite? (Silvery variation of pyrite, but slightly decomposed). Emerald green infill along fracture face, which may be legitimate fuchsite (XRF test returned over 560ppm Cr).							
						LT	GY	---	CHL	2I	Py	6
						MD	GY				As	0.1
						LT	WH				Rh	1
67.00	70.27	3.27	GPS	FG	Finely foliated (<1mm) graphitic schist with 70*TCA foliations. Schist carries small 1-5mm stringers of quartz that carry very minor carbonate (white to light yellow) that follow foliation planes. Trace to minor disseminated pyrite present sporadically throughout, following both foliation plans and in blebs within. Lower contact very gougey.							
						MD	BL	FO			Py	0.5
						DK	GY					
						DK	BL					
70.27	86.37	16.10	CBS	FG	Chlorite muscovite to biotite schist with finely spaced (1mm) foliation dipping 55-60TCA. Small 1-5mm carbonate/quartz stringers crosscuts CBS throughout entire interval, following foliation closely. Disseminated pyrite found at start of interval, and transitions to barren CBS.							
						MD	BK					
						MD	GN	FO	CHL	3I	Py	0.5
						DK	GN		CHL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
86.37	94.79	8.42	SER	FG	*Zone* Zone of strongly altered sericite schist. Displays intermittent quartz sheets/flooding/veining throughout with carbonate along veins. Sericite is dominant alteration type, but they are found mixed and alternate frequently throughout interval. Sericite alteration ranges from pale white to waxy green, with green coloration confined to roughly 5-10% of interval. Pitting is present throughout in localized patches, and are generally mineralized with fine disseminated pyrite. Sulphide mineralization present throughout entire zone as disseminated pyrite, galena, honey brown sphalerite (or crystalline brown clay) and possibly arsenopyrite (striations present on silvery pyrite, unsure if caused by drill). Quartz is very sheeted, with 0.2-0.5mm sheets stacked on top of each other for up to 2m. Soft green sericite present in core, that generally does not have associated quartz veining. Mineralization follows sheeted quartz/schist/foliation closely. Foliation of sericite schist ~60TCA, 1-5mm foliation spacing. Quartz veining follows sericite foliation, but also dips steeper (70-80TCA). Sulphide is typically disseminated within sheets of quartz, but quartz veins also present independent of foliation. Highly fractured along planes. Carbonate veins present within quartz. Zone transitions between green waxy sericite, white sericite and quartz sheets, with sulphide disseminated throughout.							
						LT	GN					
						MD	WH		SIL	4I		
						LT	GY		SIL	3I		
						LT	WH	FO	SER	3I	Py	1.25
						MD	GY	FR	SER	4I		
94.79	99.00	4.21	CBS	FG	Chloritic to chlorite biotite schist carrying minor quartz veins/veinlets and carbonate stringers/lenses (1mm). Euhedral pyrite is sparsely disseminated throughout interval. Foliation typically straight, occurring 80*TCA, but local folds present.							
						MD	GN	FO	CHL	3I	Py	0.51
						DK	GN		CHL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
99.00	106.00	7.00	SER	FG	*Zone* Same sheeted quartz/flooded sericitic schist unit as previous main zone. Intermittent patches of green, waxy altered sericite schist amongst white sericite alteration. Rare stringers (1mm) of pink carbonate (rhodochrosite) present. Quartz sheets overprint sericite alteration (or vice versa?). Frequent highly fractured intervals within.							
						LT	GY	FO	CLY	3I	Py	1
						LT	GY	FR	CLY	4I	Gn	1
						LT	GY	GO	SER	3I	Rh	0.1
									SIL	3I		
106.00	107.50	1.50	SER	FG	Intensely gouged/sandy fault zone of sericite schist. Clasts up to pebble size within, along with fine pyrite/galena in sand/clay							
						MD	GY					
						LT	GN				Gn	1
						LT	GY	GO			Py	1
107.50	110.00	2.50	CBS	FG	Highly fractured zone of chlorite biotite schist that displays very strong foliation. 1-3mm foliation spacing, 50*TCA. Stringers of carbonate crosscut CBS throughout. Last 5cm of core carries large cubic pyrite.							
						DK	GN	FR	CHL	4I		
						MD	GN	FO	CHL	3I	Py	1

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.00	1.00	1	100	0.13	13	OR	1H	2W	soil at top of hole, rubbly sections
1.00	4.00	3.00	3	100	0.16	5	OR	1H	1W	highly fractured rubble section ~1.5-3.5m
4.00	7.00	3.00	2.75	92	0.73	24	OR	1H	1W	small moderately reactive veins, rubble from ~4m-5m
7.00	10.00	3.00	2.75	92	1.57	52	1R	2H	1W	relatively competent rock, slightly reactive carbonate veining pervasive
10.00	13.00	3.00	2.6	87	0.27	9	1R	1H	1W	some reactivity with fine carbonate veining
13.00	16.00	3.00	2.7	90	0.31	10	1R	1H	1W	some reactivity with fine carbonate veining
16.00	19.00	3.00	2.9	97	1.40	47	1R	2H	1W	some reactivity with fine carbonate veining
19.00	22.00	3.00	3	100	0.38	13	1R	2H	1W	some reactivity with fine carbonate veining
22.00	25.00	3.00	2.6	87	0.69	23	1R	2H	1W	some reactivity with fine carbonate veining
25.00	28.00	3.00	2.8	93	0.67	22	1R	1H	1W	some reactivity with fine carbonate veining, mostly clay from ~25.5m to 28m, quartz vein ~26.5m
28.00	31.00	3.00	2.1	70	0.48	16	OR	1H	1W	
31.00	34.00	3.00	2.5	83	0.00	0	1R	1H	1W	gouge from ~32.7-33.8m
34.00	37.00	3.00	3	100	0.00	0	1R	1H	1W	gouge/rubble from ~35.3-36.8m
37.00	40.00	3.00	2.35	78	0.00	0	1R	1H	1W	gouge/rubble ~37.5-38.5
40.00	43.00	3.00	2.8	93	0.11	4	OR	2H	1W	
43.00	46.00	3.00	2.35	78	0.15	5	OR	2H	1W	gouge/rubble ~44.5m-45.8m
46.00	49.00	3.00	2.85	95	1.59	53	1R	2H	1W	
49.00	52.00	3.00	2.7	90	0.00	0	1R	1H	1W	
52.00	55.00	3.00	2.75	92	0.10	3	1R	2H	1W	
55.00	58.00	3.00	2.22	74	0.00	0	OR	2H	1W	
58.00	61.00	3.00	2.73	91	0.00	0	OR	1H	1W	
61.00	64.00	3.00	2.85	95	0.57	19	1R	2H	1W	
64.00	67.00	3.00	2.2	73	0.00	0	1R	1H	1W	
67.00	70.00	3.00	2.9	97	0.00	0	OR	2H	1W	
70.00	73.00	3.00	2.9	97	1.28	43	1R	2H	1W	
73.00	76.00	3.00	2.81	94	0.74	25	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
76.00	79.00	3.00	2.84	95	0.73	24	1R	3H	1W	
79.00	82.00	3.00	2.48	83	0.12	4	1R	3H	1W	
82.00	85.00	3.00	2.47	82	0.11	4	1R	2H	1W	
85.00	88.00	3.00	2.45	82	0.00	0	1R	2H	1W	
88.00	91.00	3.00	2.89	96	0.29	10	1R	2H	1W	
91.00	94.00	3.00	2.87	96	0.32	11	OR	2H	1W	
94.00	97.00	3.00	2.86	95	0.58	19	1R	2H	1W	
97.00	100.00	3.00	2.95	98	0.11	4	OR	2H	1W	
100.00	103.00	3.00	2.79	93	0.38	13	OR	2H	1W	
103.00	106.00	3.00	2.85	95	0.16	5	OR	1H	1W	
106.00	109.00	3.00	2.81	94	0.13	4	OR	1H	1W	
109.00	110.00	1.00	0.78	78	0.34	34	1R	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0.36	OVB	mineral soil
1	0.43	CBS	
2	0.53	CBS	
3	0.25	CBS	@3.25m
4	0.28	CBS	
5	0.31	CBS	
6	0.38	CBS	
7	0.33	CBS	
8	0.43	CBS	
9	0.38	CBS	
10	0.53	CBS	
11	0.35	CBS	
12	0.43	CBS	msd in box
13	0.21	CBS	
14	0.4	CBS	
15	0.35	CBS	
16	0.31	CBS	
17	0.38	CBS	
18	0.28	CBS	
19	0.31	CBS	
20	0.35	CBS	
21	0.4	CBS	
22	0.3	CBS	
23	0.31	CBS	
24	0.42	CBS	
25	0.47	CBS	
26	0.06	CBS	@26.35
27	0.3	CBS	msd in box

Depth (m)	Magnetic Susceptibility	Unit	Comments
28	0.36	CBS	msd in box
29	0.21	CBS	@29.35
30	0.31	CBS	
31	0.2	CBS	
32	0.6	CBS	
33	0.4	CLS	msd in box
34	0.38	CLS	
35	0.35	CLS	
36	0.38	CBS	
37	0.33	CBS	@37.25
38	0.25	CBS	
39	0.2	CBS	
40	0.18	CBS	msd in box
41	0.25	CBS	@40.50
42	0.2	SER	
43	0.1	SER	@42.50
44	0.15	SER	
45	0.28	CBS	msd in box
46	0.35	CBS	
47	0.53	CBS	
48	0.35	CBS	
49	0.13	SER	
50	0.21	SER	
51	0.36	CBS	msd in box
52	0.16	CBS	
53	0.5	CBS	
54	0.06	SER	qtz vein
55	0.11	SER	



Depth (m)	Magnetic Susceptibility	Rock Type	Comments
56	0.08	SER	msd in box
57	0.13	SER	msd in box
58	0.08	SER	
59	0.16	SER	msd in box
60	0.06	SER	@60.50
61	0.05	SER	
62	0.4	CBS	
63	0.43	CBS	
64	0.23	CBS	msd in box
65	0.23	CBS	msd in box
66	0.36	CBS	msd in box
67	0.03	GPS	msd in box
67	0.03	GPS	msd in box
68	0.11	GPS	msd in boxo
69	0.18	GPS	
70	0.16	GPS	
71	0.45	CBS	
72	0.7	CBS	
73	0.36	CBS	
74	0.53	CBS	@74.40
75	0.4	CBS	
76	0.65	CBS	
77	0.73	CBS	
78	0.67	CBS	
79	0.35	CBS	
80	0.53	CBS	
81	0.35	CBS	
82	0.5	CBS	
83	0.43	CBS	
84	0.35	CBS	msd in box

Depth (m)	Magnetic Susceptibility	Unit	Comments
85	0.43	CBS	msd in box
86	0.36	CBS	
87	0.15	SER	
88	0.08	SER	
89	0.13	SER	
90	0.18	SER	
91	0.06	SER	
92	0.1	SER	
93	0.16	SER	
94	0.1	SER	
95	0.3	CBS	
96	0.33	CBS	
97	0.38	CBS	
98	0.94	CBS	
99	0.15	CBS	
99	0.15	SER	
100	0.23	SER	
101	0.21	SER	
102	0.28	SER	
103	0.16	SER	
104	0.16	SER	@103.66
105	0.21	SER	
106	0.26	SER	
106	0.26	SER	
107	0.21	SER	@106.52
108	0.3	CBS	
109	0.25	CBS	
110	0.28	CBS	

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	W591013	<input type="checkbox"/>	17-001		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591020	<input type="checkbox"/>	17-001			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591024	<input type="checkbox"/>	17-001		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591042	<input type="checkbox"/>	17-002			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591047	<input type="checkbox"/>	17-002		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591232	<input type="checkbox"/>	17-007		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	1.00	1.00	-QC-	1.00	100	W591227	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591004	<input type="checkbox"/>	17-001			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.00	4.00	3.00	CBS	3.00	100	W591228	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.00	5.00	1.00	CBS	1.00	100	W591229	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.00	7.00	2.00	CBS	2.00	100	W591001	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.00	10.00	3.00	CBS	3.00	100	W591002	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.00	11.69	1.69	CBS	1.69	100	W591003	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.69	13.00	1.31	CBS	1.29	98	W591230	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.00	15.02	2.02	CBS	2.02	100	W591231	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.02	17.00	1.98	CBS, CBS	1.98	100	W591233	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.00	19.00	2.00	CBS	2.00	100	W591234	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.00	22.00	3.00	CBS	2.84	95	W591005	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	25.00	3.00	CBS	2.74	91	W591006	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.00	27.45	2.45	CBS	2.39	98	W591007	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.00	27.45	2.45	CBS	2.39	98	W591008	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27.45	29.00	1.55	CBS	1.55	100	W591009	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29.00	30.74	1.74	CBS	1.12	64	W591010	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.74	31.74	1.00	CBS	0.92	92	W591011	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.74	33.00	1.26	CBS	1.10	87	W591012	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
33.00	35.40	2.40	CLS	2.40	100	W591235	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35.40	37.45	2.05	FLT	2.05	100	W591236	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.45	40.45	3.00	CBS	2.63	88	W591237	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40.45	41.54	1.09	CBS	1.09	100	W591014	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41.54	42.54	1.00	SER	1.00	100	W591015	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42.54	43.54	1.00	SER	1.00	100	W591016	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43.54	44.54	1.00	SER	1.00	100	W591017	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44.54	45.73	1.19	CBS	1.09	92	W591018	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45.73	48.30	2.57	CBS	2.57	100	W591019	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48.30	50.43	2.13	SER	2.10	99	W591021	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50.43	52.00	1.57	SER	1.37	87	W591022	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52.00	53.86	1.86	CBS	1.61	87	W591023	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53.86	55.00	1.14	SER	1.02	89	W591025	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55.00	56.32	1.32	SER	1.20	91	W591026	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56.32	58.00	1.68	SER	1.25	74	W591027	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	59.00	1.00	SER	1.00	100	W591028	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59.00	60.00	1.00	SER	1.00	100	W591029	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60.00	61.71	1.71	SER	1.71	100	W591030	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61.71	63.00	1.29	CBS	1.29	100	W591031	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61.71	63.00	1.29	CBS	1.29	100	W591032	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
63.00	65.05	2.05	CBS	2.00	98	W591033	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65.05	67.00	1.95	CBS	1.37	70	W591034	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67.00	68.56	1.56	GPS, GPS	1.12	72	W591035	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68.56	70.30	1.74	GPS	1.74	100	W591036	<input type="checkbox"/>	17-001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70.30	71.50	1.20	CBS	1.20	100	W591037	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71.50	73.00	1.50	CBS	1.50	100	W591238	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73.00	76.00	3.00	CBS	3.00	100	W591239	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
76.00	79.00	3.00	CBS	3.00	100	W591240	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76.00	79.00	3.00	CBS	3.00	100	W591241	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
79.00	82.00	3.00	CBS	3.00	100	W591242	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.00	85.00	3.00	CBS	3.00	100	W591243	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85.00	86.29	1.29	CBS	1.19	92	W591038	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.29	88.00	1.71	CBS	1.47	86	W591039	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88.00	89.43	1.43	SER	1.39	97	W591040	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89.43	91.00	1.57	SER	1.57	100	W591041	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91.00	91.97	0.97	SER	0.97	100	W591043	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91.97	93.00	1.03	SER	1.00	97	W591044	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93.00	94.74	1.74	SER	1.71	98	W591045	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94.74	97.00	2.26	SER	2.23	99	W591046	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97.00	99.00	2.00	CBS	1.97	99	W591048	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
99.00	100.00	1.00	SER, CBS	0.99	99	W591049	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100.00	101.45	1.45	SER	1.38	95	W591050	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100.00	101.45	1.45	SER	1.38	95	W591051	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
101.45	102.33	0.88	SER	0.87	99	W591052	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
102.33	103.66	1.33	SER	1.01	76	W591053	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103.66	104.43	0.77	SER	0.77	100	W591054	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
104.43	105.00	0.57	SER	0.57	100	W591055	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
105.00	106.00	1.00	SER	0.93	93	W591056	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106.00	107.50	1.50	SER, SER	1.31	87	W591057	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107.50	110.00	2.50	CBS, SER	1.47	59	W591058	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
4.00	6.00	VB	37	1	NUL	1	sheeted quartz flooded vein zone within sericite schist. Quartz is sheeted throughout, with additional veinlets (2) of quartz/carbonate roughly 0.5cm wide and 70TCA. Carbonate found along selvages of quartz veins/sheets. Disseminated pyrite, galena, honey brown sphalerite present throughout, but focused in a lense of flooded quartz ~10cm from upper contact.			
26.18	26.54	VN	37	45	NUL	1	35cm quartz vein within chlorite/biotite clay zone. Quartz is milky white, with limonitic stringers present (1mm). Very trace pitting present within limonite. Carbonate and chlorite present along fractures and on selvages of limonite. No mineralization or indication of mineralization present.			
31.19	32.93	FT	42	-	NUL	1	gouged/faulted zone of chlorite biotite schist with fractured and rubbly quartz (3mm) lenses. Very minor oxidation present.			
34.00	34.70	FT	42	-	NUL	1	Rubbly and clay gouged chlorite biotite schist with clasts of CBS within. Clay is very fine			
35.80	36.70	FT	42	-	NUL	1	clay gouged / faulted chlorite schist. Light to medium green. Rubbly and fractures present throughout.			
52.00	52.08	VN	37	60	NUL	1	Quartz vein with chloritic to hematitic alteration along outer slevedges of vein. Trace fine disseminated pyrite present.	Py	1	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
53.64	53.83	VN	37	70	NUL	1	Quartz vein found along upper contact between CBS and sericite schist zone. Vein has very light green, waxy mica along the upper selvages of fracture planes and contact edge (very similar in look and feel to green altered sericite), while the vein itself is very milky white. Vein hosts disseminated blebs of pyrite that range in size from disseminated to semi-massive. Quartz vein also hosts gun-metal silver mineral that envelops some pyrite, possibly sphalerite, and there are very small and finely zoned clasts of what may be honey brown sphalerite. Chalcopyrite (much more rich green colour than pyrite) present along with pyrite.			
								Py	2	BL
								Cp	1	DI
								Sp	1	DI
								Py	1	DI
								Py	1	MA
66.10	67.00	VN	37	-	NUL	1	*Zone of ground core*quartz/carbonate (white/tan/pink) vein in a networking vein system. Crosscuts chlorite schist. Waxy emerald green infill along fractures (ran 560ppm Cr on XRF --> Fuchsite?) quartz/carbonate veinlets host disseminated pyrite.			
70.13	70.15	VT	37	80	NUL	1	2cm quartz veinlet within graphitic schist. Carbonate along lower selvedge			
70.23	70.57	VT	37	75	NUL	1	4cm quartz veinlet within chloritic schist.			
70.25	70.27	VT	37	80	NUL	1	2cm quartz veinlet at contact between graphitic schist and chloritic schist. Carbonate disseminated throughout.			
70.77	70.81	VT	37	80	NUL	1	3.5cm quartz veinlet within chloritic schist. Carbonate found along lower selvedge of veinlet.			
84.76	84.78	VT	37	60	NUL	1	2cm quartz veinlet ~80TCA. Small carbonate stringers along the way			
85.73	85.79	VT	37	75	NUL	1	4.5 cm quartz vein within chlorite biotite schist. Minor carbonate within			
86.01	86.03	VT	37	75	NUL	1	2cm quartz veinlet with carbonate			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
86.37	86.50	VN	37	75	NUL	1	13cm quartz vein along chlorite schist/ sericite schist contact. Rhodocrosite present along fracture faces, infilling as stringers. White carbonate also present			
93.13	93.17	VT	37	70	NUL	1	4.5 cm quartz veinlet hosting minor disseminated pyrite, galena. Vein has sheeted quartz within sericite schist.			
93.60	93.68	VN	37	70	NUL	1	6cm quartz vein within sheeted quartz sericite schist. Hosts disseminated galena and pyrite			
94.73	74.74	ST		-	NUL	1	1cm pink rhodocrosite stringer within quartz sericite schist zone. Found along contact with chlorite biotite schist			
95.21	95.25	VT	37	-	NUL	1	4cm quartz veinlet with patches of carbonate (white to yellow), hosted within chlorite schist with minor biotite.			
95.54	95.68	VN	37	70	NUL	1	quartz/carbonate vein within chlorite to chlorite biotite schist. Goliation of CBS is 70-75TAC. Vein displays wavy deformation (also found in schist itself). No mineralization in vein, but disseminated pyrite found along selvages and proximal to veining			
95.97	96.07	VN	37	80	NUL	1	10 cm quartz vein with carbonate hosted within thinly foliated chlorite schist (1mm). Vein has chlorite fingers within, as well as disseminated and disseminated blebs of pyrite within, immersed in chlorite fingers with minor chalcopyrite. Very fractured upper contact, with quartz/sericite schist lower contact.			
99.44	99.49	VT	37	70	NUL	1	5cm sugary/fine quartz vein			
108.80	111.00	VT	37	-	NUL	1	four 1cm quartz carbonate veinlets following foliation of CBS. No indication of mineralization. Minor carbonate lenses throughout.			

# Trident - Trident

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		519706	7048004	802.3	92

**ZONE:** Exploits

**SECTION:** SE-17-001 Drill Section

SURVEY			
Depth (m)	Azimuth	Dip	Method
31	2.8	-46.1	Reflex
91	49.5	-47.6	Reflex

**TARGET:** Sericite Schist Zone

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.5	1.5	OVB
1.5	55.03	53.53	CBS
55.03	71.21	16.18	SER
71.21	78.93	7.72	SER
78.93	80.96	2.03	CBS
80.96	86.64	5.68	SER
86.64	92	5.36	CBS

**HOLE:** SE-17-002

**CLAIM:** Squid East YE27015

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 30m, Out

Drilling Dates: Aug 18 - Aug 21, 2017

Geology Logged By: W. Kelson

SAMPLES	
Numbers:	W591059 to W591090, W591201 to W591226
Total:	58
Batch:	002, 003, 007
Certificates:	VA17185463, VA17189274

COMMENTS
Hole ended due to artesian water and clay problems



Box Log

**SE-17-002**

Box Number	From (m)	To (m)
1	0	4
2	4	7.3
3	7.3	10.14
4	10.14	13
5	13	16
6	16	18.9
7	18.9	21.86
8	21.86	24.95
9	24.95	27.87
10	27.87	30.78
11	30.78	33.96
12	33.96	36.77
13	36.77	39.71
14	39.71	42.82
15	42.82	45.96
16	45.96	48.95
17	48.95	51.9
18	51.9	55
19	55	58
20	58	61
21	61	64
22	64	66.84
23	66.84	69.93
24	69.93	72.51
25	72.51	75.49
26	75.49	78.81
27	78.81	82
28	82	85.35
29	85.35	88.25

Box Number	From (m)	To (m)
30	88.25	91.74
31	91.74	92

Box Number	From (m)	To (m)
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Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
SE-17-002									
	4.2	17	HQ	CBS	1372.4	1	2.76	1.0	Chlorite Schist
	7.9	10	HQ	CBS	903.2	1	3.09	1.0	Chlorite Schist
	8.83	7	HQ	CBS	604.2	1	2.95	1.0	Chlorite Schist
	12.1	10	HQ	CBS	889.7	1	3.04	1.0	Chlorite Schist
	14.2	12.5	HQ	CBS	1105.5	1	3.03	1.0	Chlorite Schist
	16.09	8	HQ	CBS	641	1	2.74	1.0	Chlorite Schist
	18.4	13.5	HQ	CBS	1250.6	1	3.17	1.0	Chlorite Schist w/ Carbonate Veinlets
	19.33	8	HQ	CBS	718.7	1	3.07	1.0	Chlorite Schist
	21.8	8.5	HQ	CBS	750.4	1	3.02	1.0	Chlorite Schist
	24.45	8.5	HQ	CBS	764.3	1	3.08	1.0	Chlorite Schist
	26.15	8	HQ	CBS	708.1	1	3.03	1.0	Chlorite Schist
	29.4	12.5	HQ	CBS	1081.6	1	2.96	1.0	Chlorite Schist
	34.05	7.5	HQ	CBS	649.6	1	2.96	1.0	Chlorite Schist
	35.92	8	HQ	CBS	700.1	1	2.99	1.0	Chlorite Schist
	39	8	HQ	CBS	732.2	1	3.13	1.0	Chlorite Schist
	42	9	HQ	CBS	774.3	1	2.94	1.0	Chlorite Schist
	44.11	10	HQ	CBS	813.7	1	2.78	1.0	Chlorite Schist
	45.15	11	HQ	CBS	890.7	1	2.77	1.0	Chlorite Schist, highly altered
	45.9	8	HQ	CBS	595.3	1	2.55	1.0	Chlorite Schist, highly altered
	46.34	26.5	HQ	CBS	2204.1	1	2.85	1.0	Chlorite Schist, highly altered
	49.5	8	HQ	CBS	698.3	1	2.99	1.0	Chlorite Biotite Schist
	53.5	9	HQ	CBS	801	1	3.05	1.0	Oxidized Chlorite Biotite Schist
	54.55	11	HQ	CBS	1037.5	1	3.23	1.0	Chlorite biotite schist
	55.6	6	HQ	SER	557.7	1	3.18	1.0	Sericite Schist
	57.9	18	HQ	SER	1487.6	1	2.83	1.0	Sericite Schist
	59.35	10	HQ	SER	859.1	1	2.94	1.0	Sericite Schist
	60.15	9	HQ	SER	743.3	1	2.83	1.0	Oxidized/altered chlorite biotite schist

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
	61.7	3.5	HQ	SER	294.7	1	2.88	1.0	Sericite Schist
	65.12	7.5	HQ	SER	700.1	1	3.19	1.0	Sericite Schist
	82	3.5	HQ	SER	396.6	1	3.88	1.0	Sericite Schist
	88	3.5	HQ	CBS	372.6	1	3.64	1.0	Qtz Carbonate veinlet in chlorite biotite schist
	91.5	3	HQ	CBS	248	1	2.83	1.0	Chlorite Biotite Schist

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
60.12	61.59	1.47	CBS	FG	Dark green chlorite biotite schist interval within sericite schist zone. CBS is moderately oxidized along fractures, and weak to moderately pervasive in patches. Limonitic blebs present on fracture faces. Quartz / carbonate veining occurs within (white to yellow) following foliation.							
						MD	OR					
						MD	GN					
						DK	GN					
71.21	73.00	1.79	SER	FG	Intensely gouged zone of sericite/quartz schist. Interval has very broken down graphite seams within. Oxidation along fractures throughout.							
						MD	GY		SER	3I		
						LT	OR	RB	SIL	2I	Gr	4
						LT	TN	GO	OXI	2I	Py	0.1
									SER	4I		
									SER	5I		
73.00	77.00	4.00	SER	FG	Sheeted (1-2 cm) Quartz/Sericite zone (sparkly white/gray) that is alternating between highly fractured and gouged. Minor pocket of oxidation along selvage of clay/sand seam. Clay/sand zone from 73.00-73.57m. Minor red and yellow (MEK FLT) texture found sporadically in clay, but VERY minor. Graphite found along fracture faces as depth increases.							
						LT	GY	RB	OXI	1I		
						LT	WH	GO	SIL	2I		
									SIL	3I		
									SER	3I		
77.00	78.93	1.93	SER	FG	Intensely rubbled Quartz/Sericite schist with thin beds of graphite (<1 mm) and oxidation following foliation planes. Foliation 45TCA. Minor disseminated Tourmaline (fine) seen along rubble zones.							
						LT	OR	RB	OXI	2I	To	2
						LT	BL	GO	SIL	3I		
						LT	GY	FR	OXI	1I	Gr	2
								FO	SIL	4I		
									SER	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
80.16	80.96	0.80	CBS	FG	Chlorite Biotite Schist with clay/sand infill. Weathered/broken down. Foliation 70-80TCA. Gouged lower contact.							
						LT	OR	FO				
						DK	GN	FR	OXI	1I		
								RB				
80.96	86.64	5.68	SER	FG	Intensely clay gouged/rubbly and fractured zone (FLT) of strongly sericite altered schist. Clay gouge ranges from white sericitic to light green sericitic with patches of tan coloured/alternated sericite-mica schist. Graphite veins present in light green schist that has minor disseminated Pyrite. Pyrite also trace to minor disseminated within Sericite schist. Graphite very rubbly.							
						MD	TN		SER	5I		
						MD	GY		CHL	3I		
						LT	GN	RB	SER	4I		
						LT	TN	GO	OXI	2I		
						LT	GY	FR	OXI	1I	Py	0.1
									CHL	4I		
									CHL	5I		
86.64	92.00	5.36	CBS	FG	Highly fractured chlorite biotite schist with minor carbonate lenses (1-2mm) within.							
						MD	GN	FR				
						DK	BK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.50	55.03	53.53	CBS	FG	chloritic schist with biotite, muscovite, quartz and carbonate. Weak to moderate foliation characterized by mica alignment and by veinlets/stringers of quartz (hosting calcite and red carbonate). Foliation typically 50TCA and generally straight, but occasionally wavy to sinuous. Moderately competent, fractures generally follow foliation. Small (<2m) zones of heavy fracturing/rubble gouge. Veinlets and stringers are homogenously distributed throughout, composed of quartz and hosting calcite and red carbonate (stronger effervescence in HCL). Red carbonate is blebby, always associated with quartz/carbonate veinlets and stringers.							
						DK	GN	FR				
						MD	GN	FO	CHL	3I		
						MD	RD	GO				
55.03	71.21	16.18	SER	FG	ZONE* siliceous/sheeted quartz banded white to mint green sericite schist zone. Green alteration of sericite is pervasive and dominant through entire interval, with intermittent zones of more quartz rich and tan to yellow gouge zones. Recurring intervals of highly fractured sericite throughout, roughly average 80cm wide (influence of drilling unknown on fractured zones). Single interval of highly oxidized dark green chlorite biotite schist within. Sericite foliation is straight, and roughly 35-45TCA white CBS follows 70TCA foliation. Gouge zones present in interval display more tan to yellow colouration, and consist almost entirely of clay gouge. Within green to grey sericite, oxidized clay stringers are present in an anastomosing texture that follows foliation roughly. Clasts of white albite are present, scattered throughout (up to 0.4cm). Sericite has medium to dark grey clay/sericitic coating on core, with disseminated pyrite within. Py also hosted within along foliation.							
						LT	GN	GO	SIL	3I		
						LT	GY	FR	SER	4I		
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH	FO	SER	3I	Py	1
71.21	78.93	7.72	SER	FG	Intensely fractured to gouged to rubbly (Fault zone) of quartz/sericite schist displaying orange to patchy red (very minor, but similar to MEK red/yellow fault colouration). May be carbonate alteration? (no fizz...). Sporadic zone of broken down/gouged graphite within.							
						LT	RD					
						MD	OR					
						MD	TN					
						LT	OR					
						LT	YW					
						LT	TN	RB				
						LT	GY	GO				
						LT	WH	FR				
78.93	80.96	2.03	CBS	FG	Intensely clay altered (yl/or/tan) CBS zone. Almost completely transformed to clay. Chlorite Biotite Schist with clay/sand infill. Weathered/broken down. Foliation 70-80TCA. Gouged lower contact.							
						LT	OR	RB	CHL	2I		
								FL	CHL	3I		
								GO				
						DK	GN	FO	OXI	1I		
80.96	86.64	5.68	SER	FG	Intensely clay gouged/rubbly and fractured zone (FLT) of strongly sericite altered schist. Clay gouge ranges from white sericitic to light green sericitic with patches of tan coloured/alternated sericite-mica schist. Graphite veins present in light green schist that has minor disseminated Pyrite. Pyrite also trace to minor disseminated within Sericite schist. Graphite very rubbly.							
									CHL	4I		
						MD	GY		CHL	3I		
						MD	TN		SER	5I		
						LT	GN	RB	SER	4I		
						LT	TN	GO	OXI	2I		
						LT	GY	FR	OXI	1I	Py	0.1
									CHL	5I		
86.64	92.00	5.36	CBS	FG	Highly fractured chlorite biotite schist with minor carbonate lenses (1-2mm) within.							
						DK	GN		CHL	4I		

Conc.	
Mineral	
Intensity	3I
Alteration	CHL
Texture	FO
Colour	GN
Shade	MD
Description	
Grain Size	
Rock Type	
Interval (m)	
To (m)	
From (m)	



From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.00	1.00	0.7	70	0.00	0	OR	1H	1W	
1.00	4.00	3.00	1.95	65	0.00	0	OR	1H	2W	
4.00	7.00	3.00	2.35	78	0.70	23	1R	2H	1W	
7.00	10.00	3.00	2.52	84	0.20	7	1R	2H	1W	
10.00	13.00	3.00	2.61	87	0.86	29	1R	2H	1W	
13.00	16.00	3.00	2.69	90	1.41	47	1R	2H	1W	
16.00	19.00	3.00	2.76	92	0.64	21	1R	2H	1W	
19.00	22.00	3.00	2.61	87	0.47	16	1R	2H	1W	
22.00	25.00	3.00	2.78	93	0.54	18	1R	2H	1W	
25.00	28.00	3.00	2.72	91	0.66	22	1R	2H	1W	
28.00	31.00	3.00	3	100	1.22	41	1R	2H	1W	
31.00	34.00	3.00	2.67	89	0.00	0	1R	2H	1W	
34.00	37.00	3.00	2.75	92	0.37	12	1R	2H	1W	
37.00	40.00	3.00	2.71	90	0.10	3	OR	2H	1W	
40.00	43.00	3.00	3	100	1.26	42	OR	3H	1W	
43.00	46.00	3.00	2.58	86	1.50	50	OR	2H	1W	
46.00	49.00	3.00	2.84	95	0.82	27	OR	2H	1W	
49.00	52.00	3.00	2.67	89	0.10	3	OR	2H	1W	
52.00	55.00	3.00	2.83	94	0.67	22	OR	2H	1W	
55.00	58.00	3.00	2.77	92	0.60	20	OR	2H	1W	
58.00	61.00	3.00	2.61	87	0.34	11	OR	2H	1W	
61.00	64.00	3.00	2.35	78	0.00	0	OR	1H	1W	
64.00	67.00	3.00	2.61	87	0.00	0	OR	1H	1W	
67.00	70.00	3.00	2.75	92	0.38	13	OR	1H	1W	
70.00	73.00	3.00	2.59	86	0.00	0	OR	1H	1W	
73.00	76.00	3.00	2.42	81	0.00	0	OR	1H	1W	
76.00	79.00	3.00	2.25	75	0.11	4	OR	1H	1W	
79.00	82.00	3.00	2.36	79	0.00	0	OR	1H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
82.00	85.00	3.00	2.29	76	0.00	0	0R	1H	1W	
85.00	88.00	3.00	2.49	83	0.00	0	1R	2H	1W	
88.00	91.00	3.00	2.21	74	0.00	0	1R	2H	1W	
91.00	92.00	1.00	0.9	90	0.00	0	1R	2H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0.28	OVB	mineral soil, measured in box
1	0.18	OVB	mineral soil, measured in box
2	0.72	CBS	mineral soil, measured in box
3	0.31	CBS	
4	0.5	CBS	
5	0.35	CBS	
6	0.35	CBS	
7	0.16	CBS	
8	0.28	CBS	
9	0.26	CBS	
10	0.15	CBS	
11	0.26	CBS	
12	0.45	CBS	
13	0.35	CBS	
14	0.25	CBS	
15	0.52	CBS	
16	0.31	CBS	
17	0.25	CBS	
18	0.36	CBS	
19	0.43	CBS	
20	0.4	CBS	measured at 19.7m
21	0.31	CBS	
22	0.63	CBS	
23	0.48	CBS	
24	0.35	CBS	
25	0.31	CBS	

Depth (m)	Magnetic Susceptibility	Unit	Comments
26	0.28	CBS	
27	0.35	CBS	
28	0.31	CBS	
29	0.4	CBS	
30	0.53	CBS	
31	0.28	CBS	
32	0.26	CBS	
33	0.33	CBS	
34	0.43	CBS	
35	0.25	CBS	measured at 35.3
36	0.28	CBS	
37	0.26	CBS	
38	0.31	CBS	
39	0.28	CBS	
40	0.38	CBS	
41	0.36	CBS	
42	0.36	CBS	
43	0.36	CBS	
44	0.31	CBS	
45	0.33	CBS	
46	0.3	CBS	
47	0.31	CBS	
48	0.25	CBS	measured at 48.20
49	0.23	CBS	
50	0.31	CBS	
51	0.38	CBS	
52	0.23	CBS	
53	0.18	CBS	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
54	0.28	CBS	
55	0.16	CBS	
56	0.13	SER	
57	0.23	SER	
58	0.31	SER	
59	0.1	SER	
60	0.16	SER	
61	0.36	SER	
62	0.05	SER	measured at 62.30m
63	0.1	SER	measured in box
64	0.15	SER	
65	0.06	SER	
66	0.2	SER	measured in box
67	0.1	SER	
68	0.08	SER	
69	0.1	SER	
70	0.23	SER	measured in box
71	0.01	SER	
72	0.15	SER	measured in box
73	0.11	SER	
74	0.08	SER	
75	0.1	SER	
76	0.14	SER	measured in box
77	0.03	SER	
78	0.1	SER	measured at 78.50m
79	0.11	CBS	
80	0.06	CBS	
81	0.06	SER	
82	0.02	SER	
83	0.05	SER	

Depth (m)	Magnetic Susceptibility	Unit	Comments
84	0.13	SER	
85	0.1	SER	
86	0.2	SER	
87	0.2	CBS	
88	0.16	CBS	
89	0.13	CBS	
90	0.2	CBS	
91	0.25	CBS	
92	0.27	CBS	

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	W591066	<input type="checkbox"/>	17-002			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591077	<input type="checkbox"/>	17-003			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591083	<input type="checkbox"/>	17-003		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591204	<input type="checkbox"/>	17-007			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591209	<input type="checkbox"/>	17-007		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591226	<input type="checkbox"/>	17-007			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591061	<input type="checkbox"/>	17-002		SE-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.00	4.00	3.00	OVB	2.56	85	W591201	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.00	5.35	1.35	CBS	1.30	96	W591202	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.35	7.00	1.65	CBS	1.61	98	W591203	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.00	10.00	3.00	CBS	2.95	98	W591205	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.00	13.00	3.00	CBS	3.00	100	W591206	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.00	16.00	3.00	CBS	2.97	99	W591207	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.00	17.22	1.22	CBS	1.22	100	W591208	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.22	18.10	0.88	CBS	0.84	95	W591210	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.10	19.00	0.90	CBS	0.90	100	W591211	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.00	22.00	3.00	CBS	2.98	99	W591212	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	25.00	3.00	CBS	2.97	99	W591213	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	25.00	3.00	CBS	2.97	99	W591214	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.00	28.00	3.00	CBS	3.00	100	W591215	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.00	31.00	3.00	CBS	3.00	100	W591216	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.00	34.00	3.00	CBS	3.00	100	W591217	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34.00	37.00	3.00	CBS	3.00	100	W591218	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.00	40.00	3.00	CBS	3.00	100	W591219	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.00	40.00	3.00	CBS	3.00	100	W591220	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
40.00	43.00	3.00	CBS	3.00	100	W591221	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
43.00	44.83	1.83	CBS	1.80	98	W591222	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44.83	46.47	1.64	CBS	1.59	97	W591059	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46.47	48.00	1.53	CBS	1.53	100	W591060	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48.00	50.50	2.50	CBS	2.50	100	W591223	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50.50	53.00	2.50	CBS	2.43	97	W591224	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53.00	55.00	2.00	CBS	2.00	100	W591062	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55.00	56.46	1.46	CBS	1.46	100	W591063	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56.46	58.00	1.54	SER	1.54	100	W591064	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	59.36	1.36	SER	1.36	100	W591065	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59.36	60.12	0.76	SER	0.76	100	W591067	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60.12	61.59	1.47	SER	1.37	93	W591068	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60.12	61.59	1.47	SER	1.37	93	W591069	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
61.59	63.39	1.80	SER	1.61	89	W591070	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63.39	64.79	1.40	SER	1.40	100	W591071	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64.79	65.84	1.05	SER	1.05	100	W591072	<input type="checkbox"/>	17-002			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65.84	67.00	1.16	SER	1.16	100	W591073	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67.00	68.32	1.32	SER	1.32	100	W591074	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68.32	69.78	1.46	SER	1.46	100	W591075	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69.78	70.88	1.10	SER	0.92	84	W591076	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70.88	73.00	2.12	SER	2.02	95	W591078	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73.00	74.55	1.55	SER	1.55	100	W591079	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74.55	76.17	1.62	SER	1.33	82	W591080	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76.17	77.40	1.23	SER	1.02	83	W591081	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77.40	79.00	1.60	SER	1.24	78	W591082	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79.00	80.96	1.96	CBS	1.84	94	W591084	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80.96	82.15	1.19	SER, CBS	1.19	100	W591085	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.15	83.35	1.20	SER	1.18	98	W591086	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
83.35	85.00	1.65	SER	1.40	85	W591087	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85.00	86.64	1.64	SER	1.60	98	W591088	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.64	89.14	2.50	SER, CBS	2.42	97	W591089	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.64	89.14	2.50	SER, CBS	2.42	97	W591090	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
89.14	92.00	2.86	CBS	2.74	96	W591225	<input type="checkbox"/>	17-007			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
1.50	4.00	GO	34	0	NUL	1	Gouge/rubble zone of chlorite schist. Contains 1-5cm fragments of more competent rock. Light green to brown green (where red carbonate mineral has been smeared and mixed with chlorite).			
4.00	5.30	ST		0	NUL	10	competent zone of chlorite schist with muscovite altering to yellow clay (limonite?), anastomosing texture. Evenly distributed quartz stringers host calcite and blebby red carbonate, following anastomosing texture.			
5.10	5.14	VT	37	50	NUL	1	Quartz vein in chlorite schist hosting calcite and blebby red carbonate. Sinuous shape.			
9.75	9.95	VN	37	50	NUL	1	Vein (?) in chlorite schist featuring chlorite and black striated vitreous soft mineral (Hornblende?). Fractured and rubble/gouge approximately 1m above and below 'vein.' Still contains quartz veinlets and stringers with calcite and red carbonate. 1-5cm by 1mm off-set fractures in-filled with calcite (stress fractures?)			
10.33	10.89	VT	37	0	NUL	1	Folded quartz veinlet in chlorite schist hosting calcite, blebby red carbonate. Muscovite altering to yellow clay (limonite?), following fold/foliation.			
13.39	13.42	VT	37	50	NUL	1	3cm quartz vein in chlorite schist hosting calcite, disseminated to blebby red carbonate.			
14.08	14.18	VT	37	20	NUL	1	quartz vein in chlorite schist hosting calcite, blebby red carbonate			
14.87	14.90	VT	37	50	NUL	1	3cm quartz veinlet in chlorite schist, hosts minor calcite, blebby black mineral (Tourmaline?)			
18.36	18.77	VT	37	50	NUL	5	zone of wavy <1-1cm thick quartz veinlets and stringers in chlorite schist. Hosts carbonate and disseminated to blebby red carbonate. Areas of intense epidote replacement (in veins). Veinlets/stringers of tan carbonate with distinct crystals cross-cut quartz and epidote veins approximately 50TCA (nearly perpendicular).			



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
21.33	21.66	VT	37	50	NUL	4	Four 0.5-1cm quartz veinlets/stringers in chlorite schist, spaced approximately 10cm apart, following host rock foliation. Minor lensing/boudinage texture. Hosts minor calcite and soft mint-green mineral.			
22.56	22.68	VT	37	50	NUL	4	Four Quartz stringers/veinlets 1mm-2cm thick, hosting calcite, blebby red carbonate. Wavy shape, following host rock foliation. Thinner stringers are straighter, waviness increases with thickness.			
23.13	23.39	VB	37	50	NUL	7	Seven Quartz stringers/veinlets 1mm-2cm thick, hosting calcite, blebby red carbonate. Wavy shape, following host rock foliation. Thinner stringers are straighter, waviness increases with thickness.			
26.95	27.42	VN	37	50	NUL	4	zone of four quartz veins/veinlets spaced approximately 8cm apart. Display irregular lens shape, often pinching out completely. Stringers of chlorite are occasionally included within the vein. Hosts minor Calcite and red carbonate. In thicker veins, quartz has some <1-1mm thick straight to jagged fractures, in-filled by calcite, running approximately perpendicular to foliation. Thin <1-5mm halo around most (especially larger) veins/veinlets where colour is slightly darker - more biotite present, likely a baked margin, Chlorite and biotite appear finer grained, often don't follow foliation. Chlorite inclusions within quartz veins/veinlets have irregular orientation with respect to host rock foliation.			
32.70	32.86	VT	37	0	NUL	3	Zone of three quartz veinlets in highly fractured/rubbly chlorite schist hosting minor calcite, red carbonate. Angle TCA unknown due to high density of fractures. Thin 1-3mm margin of darker (more biotite rich) colour, irregularly oriented inclusions of chlorite.			
34.20	35.58	VT	37	40	NUL	34	Zone of many 1mm-1cm quartz veinlets/stringers in chlorite schist, spaced 3-10cm apart, hosting calcite and red carbonate.			
37.18	37.45	VT	37	0	NUL	2	Zone of two 2-3cm quartz veinlets in Chlorite Schist hosting calcite, d red carbonate, spaced approximately 20cm apart. Angle TCA unknown due to intense fracturing/gouge.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
39.36	39.63	VN	37	50	NUL	2	Zone of two 5-7 cm Quartz veins in Chlorite Schist, hosting calcite and red carbonate. Distinct 2 cm thick band of massive, very hard, black mineral (Tourmaline?). Also hosts minor biotite, muscovite, Epidote (?), pits containing soft mint-green mineral.			
42.22	42.76	ST		20	NUL	2	2 Stringers in Chlorite Schist (1-3mm thick) cross-cutting foliation. Host rock foliation approximately 40TCA, stringer foliation approximately 20TCA sub-perpendicular. Orange-red colour, soft (clays?), minor quartz. Approximately 15cm down hole begins heavily oxidized red-orange zone in core.			
46.18	46.22	VN	37	20	NUL	1	4cm carbonate altered quartz schist foliation, disseminated Tourmaline hosted within carbonate/hematite altered schist.			
54.56	54.68	VT	37	70	NUL	2	3cm quartz vein within CBS proximal to white calcite veinlet (2cm), milky white, no mineralization. Oxidation in fractures.			
55.69	56.00	VN	37	70	NUL	2	Green sericite schist with yellow (ankerite?) calcite/quartz veins throughout. Ankerite is patch and pitted, but follows foliation. Oxidized limonite stringers present (anastomosing texture). Quartz is secondary in carbonate vein, approximately 1.5 cm thick.			
55.84	55.90	VT	37	70	NUL	2	quartz/yellow carbonate (ankerite?) veinlet cross-cutting green sericite schist with albite. Carbonate is partially weathered away preferentially.			
59.47	59.96	GO	34	0	NUL	1	Approximately 50cm zone of yellow/tan clay alteration. Interval is extremely soft. Remnant broken down green/gray sericite schist present. Clay gouge increases down hole approaching contact with Chlorite Biotite Schist. 10cm clay gouge at lower CBS selvedge with same lithology.			
60.69	60.74	VT	37	75	NUL	1	3.5cm quartz veinlet within CBS with 1 cm calcite veinlet along upper and lower selvages. Oxidized, minor hematite present.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
61.59	64.80	GO	34	0	NUL	1	Zone of green/gray sericite schist with recurring highly fractured to completely clay gouged zones within. Moderate oxidization present along fractures of sericite schist. Albite clasts present along with limonitic stringers. Trace disseminated Pyrite within clay gouge seam. Clay is sporadic, but highly fractured throughout.			
62.10	62.12	VT	37	70	NUL	1	Small 2cm quartz veinlet within intensely gouged tan clay/sericite. Oxidized stringers within clay gouge.			
65.14	65.24	VN	37	45	NUL	1	Siliceous sericite schist with large amounts of disseminated pyrite (10-12%) within that follows foliation.			
66.53	66.58	VT	37	45	NUL	1	Quartz vein within green sericite schist zone. Proximal to graphite zone.			
70.41	70.84	VN	37	0	NUL	1	40cm quartz vein (no angle due to fractures) along contact between sericite schist (Gray/green) and very gouged/fractured zone of yellow to orange quartz/sericite schist gouge.			
81.66	81.84	VN	37	50	NUL	2	Two quartz veins (9cm, 1cm) hosting entirely graphite with minor disseminated pyrite within. Graphite is hackly and very small euhedral crystals, hosted within sericite schist light green) wth tan sericite schist around as a halo?			
84.00	84.10	VN	37	0	NUL	1	graphite seam/vein with quartz hosted within white, heavily altered sericite schist. Rubbly. Minor oxidization present.			
88.74	88.80	VN	37	0	NUL	1	9cm quartz-carbonate vein in Chlorite Schist			
91.07	91.09	VT	37	50	NUL	1	2cm quartz carbonate veinlet			

# Trident - Trident

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		519677	7048100	783.3	88

**ZONE:** Exploits

**SECTION:** SE-17-003 Drill Section

SURVEY			
Depth (m)	Azimuth	Dip	Method
19	45.8	-50.4	Reflex
40	49.5	-50.7	Reflex

**TARGET:**

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.54	2.54	OVB
2.54	5.35	2.81	CBS
5.35	33.56	28.21	CBS
33.56	37.27	3.71	CBS
37.27	39.41	2.14	CBS
39.41	43.72	4.31	CBS
43.72	47.47	3.75	CBS
47.47	51	3.53	CBS
51	61.79	10.79	CBS
61.79	70.65	8.86	CBS
70.65	73.11	2.46	SER
73.11	76.57	3.46	GPS
76.57	87.05	10.48	CBS
87.05	88	0.95	U

**HOLE:** SE-17-003

**CLAIM:** Squid East YE27015

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 7m, Out

Drilling Dates: Aug 21 - Aug 25, 2017

Geology Logged By: W. Kelson

SAMPLES	
Numbers:	W591091 to W591134
Total:	44
Batch:	003, 004
Certificates:	VA17189274, WH17197087

COMMENTS
Hole ended due to artesian water and clay problems.

Box Number	From (m)	To (m)
1	0	3.53
2	3.53	6.58
3	6.58	9.71
4	9.71	12.85
5	12.85	16
6	16	19.2
7	19.2	22.22
8	22.22	24.8
9	24.8	28
10	28	30.78
11	30.78	33.56
12	33.56	36.43
13	36.43	39.74
14	39.74	42.94
15	42.94	46
16	46	48.77
17	48.77	51.44
18	51.44	54.23
19	54.23	57.46
20	57.46	60.58
21	60.58	63.56
22	63.56	66.46
23	66.46	69.69
24	69.69	72.47
25	72.47	75.55
26	75.55	79
27	79	82.23
28	82.23	84.82
29	84.82	87.6

Box Number	From (m)	To (m)
30	87.6	88

Box Number	From (m)	To (m)
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Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
SE-17-003									
	11.35	10	HQ	CBS	842.1	538.4	2.88	2.8	chlorite schist with minor quartz veinlet and red carbonate
	17.03	12	HQ	CBS	964	615.2	2.75	2.8	chlorite schist with 4.5cm quartz vein and red and white carbonate
	25.56	11	HQ	CBS	802	591.2	2.49	3.8	Chlorite schist with red and white carbonate mottling and graphite along foliation
	30.35	9.5	HQ	CBS	999.3	652.7	3.6	2.9	chlorite schist with few quartz stringers, minor disseminated red carbonate
	39.95	9	HQ	CBS	541.8	277.5	2.06	2.1	oxidized/clay(?) altered chlorite schist with occasional quartz-carbonate stringers
	43.1	12	HQ	CBS	867.4	541.2	2.47	2.7	oxidized (moderate/strong) chlorite schist with oxidized stringers (altered quartz-carbonate?)
	44.3	11.5	HQ	CBS	1005.2	608.3	2.99	2.5	chlorite schist with quartz-carbonate veinlets/stringers, cross-cutting calcite veinlet, minor to moderate oxidation alteration
	51.15	7.5	HQ	CBS	563.4	318.5	2.57	2.3	Moderately oxidized chlorite schist with oxidized quartz-carbonate stringers
	55.25	7	HQ	CBS	695.8	427.2	3.4	2.6	chloritoid with quartz-carbonate stringers
	63.85	13	HQ	CBS	1010.2	625.9	2.66	2.6	quartz vein in chlorite schist with carbonate stringers

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
	68.75	5	HQ	CBS	462.1	289.8	3.16	2.7	quartz vein in chlorite schist with minor carbonate
	71.2	5.5	HQ	SER	569.3	350.9	3.54	2.6	sericite schist with quartz flooding
	73.5	9	HQ	GPS	729.9	0.1	2.78	1.0	no wet weight due to clay gouge. Clay gouged sericite schist with rubbly quartz vein and minor graphite

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.54	2.54	OVB	-	Overburden/organics	MD	BR					
						DK	BR					
2.54	5.35	2.81	CLS	--	Soft broken down chlorite schist with minor biotite							
						MD	GN					
						DK	GN					
5.35	33.56	28.21	CLS	MG	Medium to dark green chlorite to weak chlorite biotite schist. Interval fluctuates between highly competent and fractured, but is almost completely competent. Foliation is relatively consistent throughout, ranging between 30-40 (Average 40*TCA). Chlorite schist has quartz to quartz carbonate veins/veinlets and carbonate stringers occurring throughout entire interval, transitioning from tightly spaced to more sporadic with depth. Carbonate stringers are later stage than quartz to quartz carbonate as seen by crosscutting features. See secondary structures for details. White/yellow/tan to orange carbonate present throughout in a heterogenously pervasive mottling/speckling that alternates between following foliation, and a sporadic semingly random distribution across interval. Minor graphite present at between foliation planes and along selvages of quartz veinlets. Tourmaline presernt as dissemination in minor quartz veinlets. Deformation and folding present sporadically throughout, ranging from ptigmatic folding to undulating foliation. Colour ranges from dark to medium green, and may represent differing intensities of chlorite alteration. Possible epidote present. Red carbonate also present, found throughout interval, seemingly associated, but not limited to, quartz carbonate veining in the interval. Red carbonate displays much stronger effervescence than white/yellow/tan carbonate							
						MD	GN	FO	CHL	3I	To	0.1
						MD	BK		EPI	2I		
						DK	GN	Mo	CHL	4I	Gr	1



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
33.56	37.27	3.71	U	FG	Deep green to black chloritic schist (same as previous unit), but schist carries fine white to clearish to pink porphyritic quartz clasts in matrix. Porphyritic quartz clasts become more prevalent with depth. Schistosity ranges from none to weak, with foliation typically found at 55*TCA. Deformation present, with folds present (axis seen in core). Moderate competency, with zones of highly fractured rock. Quartz vein within hosting specular hematite (gunmetal silver, slightly magnetic scratches red, hardness matches)							
						MD	GN	FO	CHL	2I	He	0.1
						MD	BL		CHL	4I		
						DK	GN	AN	CHL	3I		
37.27	39.41	2.14	U	FG	highly fractured and broken down chloritic biotite schist (same unit as previous). Transitional contact zone. Chlorite schist displays increasing oxidation with depth, and sees the introduction of quartz veining. Quartz and swollen carbonate clasts present that mirror the same fine porphyritic quartz texture as previous interval.							
						MD	GN	FR	CHL	3I		
						LT	OR		CLY	2I		
						DK	GN	RB	CHL	4I		
40.00	41.10	1.10	CBS	FG	Interval of dark green oxidized chloritic schist with white porphyritic quartz clasts within. Oxidized bands (remnant quartz veining?) present up to 3cm wide. Schistosity moderate and foliation at 75TCA. Part of clay gouged/altered alteration halo.							
						MD	GN	FO				
						MD	OR					
						DK	OR					
						DK	GN					
42.00	42.63	0.63	SER	FG	Clay gouged and decomposed sericite(Chlorite?? Tan coloured alteration makes it very hard to distinguish) schist with evidence of potential quartz flooding before clay alteration and breakdown. White to tan colour but quite strong schistosity remaining. Foliation at ~80TCA. No sulphide present.							
						MD	TN					
						LT	TN	FO				
						LT	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY					
43.72	47.47	3.75	CBS	FG	weakly to moderately oxidized chlorite altered schist. Schist has intermittent zones of decomposed/broken down rubble, but still retains texture and features. Part of halo zone between two clay/gouge altered zones. Carbonate veinlets present within. Foliation of chlorite schist occurs at 70TCA. Oxidation bands follow foliation							
						MD	BL	FR	OXI	2I		
						MD	GN	FO	CHL	3I		
						MD	OR	BN	OXI	3I		
						DK	GN	RB	CHL	4I		
52.27	52.50	0.23	FLT	--	Strongly clay/gouge altered oxidized chlorite schist fault zone. Clay is intensely pervasive, with small remnant clasts present of oxidized CBS							
						MD	TN	GO	CLY	3I		
						MD	GN					
						LT	OR	RB	CLY	4I		
						LT	TN	FR	CHL	3I		
58.00	59.05	1.05	FLT	--	Intensely gouged and rubbly clay gouged fault zone. Remnant chlorite clasts (pebble to cobble size) present throughout clay zone. Ranges from tan to grey to orange to green in colour. Highly friable and obliterated textures.							
						MD	GY	RB	CLY	3I		
						MD	GN					
						LT	OR	GO	CHL	3I		
						LT	TN	FR	CHL	2I		
						DK	GY		CLY	4I		
62.98	63.72	0.74	FLT	--	Highly fractured to gouged deep green chlorite biotite schist. Fault zone. Highly faulted 2cm quartz vein within. Along upper contact of 19cm quartz vein. Very minor oxidation present, mostly along fractures in quartz. Minor carbonate associated with quartz.							
						MD	GN	FR	CHL	4I		
						LT	OR	RB	OXI	1I		
								GO	OXI	2I		
70.98	71.12	0.14	SER	--	White to green altered sericite schist. Foliation roughly 65-70TCA. Surrounded by quartz flooded/intensely siliceous sericite.							
						LT	GN	FO	SER	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		SER	4I		
						LT	GY					
72.27	73.00	0.73	FLT	--	Intensely clay gouged sericite schist. Tan to light grey to white in colour, with remnant clasts of mica and quartz up to cobble size.							
						LT	TN	GO	CLY	4I		
						LT	WH					
						LT	GY					
73.11	73.98	0.87	FLR	--	Intensely clay altered/gouged unit of sericite schist and graphitic quartz schist separated by a highly fractured and rubbly limonitic (vibrant orange) quartz vein (1-2 cm) that is sub-parallel (?) difficult to tell due to clay gouged nature of interval, but definitively separates two units.							
						MD	OR					
						MD	WH					
						MD	GY		OXI	2I		
						LT	TN	GO	CLY	4I		
						LT	OR					
						DK	GY	RB	OXI	1I		
73.98	75.00	1.02	GPS	FG	Dark black, thinly laminated (<1mm) graphitic schist zone. Zone is intensely fractured and carries quartz fragments within fractured clasts. Oxidized yellow carbonate present in small 1-3mm stringers within fragments. Potentially faulted? Fine disseminated pyrite found within graphite							
						MD	BK	FR			Py	
						DK	BK	RB				
						DK	GY					
75.00	76.57	1.57	GPS	FG	strongly gouged (impact of drilling on this interval is unknown) graphitic schist with quartz lenses and veins throughout. Very highly fractured to gouged throughout, with quartz clasts present in rubble. Strongly resembles the same graphitic schist/quartz vein area that was ground by drill in SE17-001.							
						MD	WH	RB				
						MD	GY	FR				
								GO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
81.00	83.50	2.50	CBS	FG	Intensely fractured and rubbled grey to dark green chlorite biotite schist with very fine foliation (<1mm). Intensely rubbled and fractured. Minor carbonate and quartz fragments within							
						MD	GN	RB				
						DK	GN	FR	CHL	3I		
						DK	GY					
84.67	84.96	0.29	U	--	interval of gouged (due to rock and drilling) quartz rich bleached to grey quartz rich schist. May resemble sericite schist, but difficult to tell. White to pink carbonate present in stringers, along with disseminated pyrite.							
						LT	WH	GO	SER	3I	Py	1
						LT	GY		SIL	2I	Rh	1
									SIL	3I		
87.05	88.00	0.95	U	FG	Extremely decomposed and broken down white to green finely foliated schist (sericite schist?). Hard to distinguish due to drilling problems at bottom of hole, but appears to resemble quartz rich sericite schist. Hosts disseminated pyrite within quartz, along with yellow to orange limonitic stringers							
						LT	WH	GO	SER	3I	Py	1
						LT	GY		SER	4I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.54	2.54	OVB	-	Overburden/organics	DK	BR					
						MD	BR					
2.54	5.35	2.81	CBS	--	Soft broken down chlorite schist with minor biotite							
						MD	GN					
						DK	GN					
5.35	33.56	28.21	CBS	MG	Medium to dark green chlorite to weak chlorite biotite schist. Interval fluctuates between highly competent and fractured, but is almost completely competent. Foliation is relatively consistent throughout, ranging between 40-50*TCA (Average 45*TCA). Chlorite schist has quartz to quartz carbonate veins/veinlets and carbonate stringers occurring throughout entire interval, transitioning from tightly spaced to more sporadic with depth. Carbonate stringers are later stage than quartz to quartz carbonate as seen by crosscutting features. See secondary structures for details. White/yellow/tan to orange carbonate present throughout in a heterogenously pervasive mottling/speckling that alternates between following foliation, and a sporadic semingly random distribution across interval. Minor graphite present at between foliation planes and along selvages of quartz veinlets. Tourmaline presernt as dissemination in minor quartz veinlets. Deformation and folding present sporadically throughout, ranging from ptigmatic folding to undulating foliation. Colour ranges from dark to medium green, and may represent differing intensities of chlorite alteration. Possible epidote present. Red carbonate also present, found throughout interval, seemingly associated, but not limited to, quartz carbonate veining in the interval. Red carbonate displays much stronger effervescence than white/yellow/tan carbonate							
						MD	GN	FO	CHL	3I	To	0.1
						DK	GN	Mo	CHL	4I	Gr	1
						MD	BK		EPI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description							
						Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
33.56	37.27	3.71	CBS	FG	Deep green to black chloritic schist (same as previous unit), but schist carries fine white to clearish to pink porphyritic quartz clasts in matrix. Porphyritic quartz clasts become more prevalent with depth. Schistosity ranges from none to weak, with foliation typically found at 55*TCA. Deformation present, with folds present (axis seen in core). Moderate competency, with zones of highly fractured rock. Quartz vein within hosting specular hematite (gunmetal silver, slightly magnetic scratches red, hardness matches)							
						MD	GN	FO	CHL	2I	He	0.1
						DK	GN	AN	CHL	3I		
						MD	BL		CHL	4I		
37.27	39.41	2.14	CBS	FG	highly fractured and broken down chloritic biotite schist (same unit as previous). Transitional contact zone. Chlorite schist displays increasing oxidation with depth, and sees the introduction of quartz veining. Quartz and swollen carbonate clasts present that mirror the same fine porphyritic quartz texture as previous interval.							
						MD	GN	FR	CHL	3I		
						DK	GN	RB	CHL	4I		
						LT	OR		CLY	2I		
39.41	43.72	4.31	CBS	FG	Light to medium tan to orange oxidized zone of chlorite to sericite altered schist. Tan to orange alteration is strongly associated with rubbly and fractured to clay gouged fault zones found within the unit. Colouration of the zone resembles that of strong carbonate alteration, but no Ca alteration present. Within, small tan to orange gouge, decomposed intervals of tan/clay covered and oxidized quartz rich sericite present, up to 45cm 55cm wide.							
						LT	OR		CHL	2I		
									SER	3I		
									CHL	3I		
						DK	TN	RB	CLY	5I		
						LT	TN	GO	CLY	3I		
						MD	TN	FR	CLY	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
43.72	47.47	3.75	CBS	FG	weakly to moderately oxidized chlorite altered schist. Schist has intermittent zones of decomposed/broken down rubble, but still retains texture and features. Part of halo zone between two clay/gouge altered zones. Carbonate veinlets present within. Foliation of chlorite schist occurs at 70TCA. Oxidation bands follow foliation							
						MD	GN	FO	CHL	3I		
						DK	GN	RB	CHL	4I		
						MD	BL	FR	OXI	2I		
						MD	OR	BN	OXI	3I		
51.00	61.79	10.79	CBS	FG	weakly to moderately oxidized chloritoid (not definitively schist?). Very volcanoclastic remnant textures within. Has intermittent zones of decomposed/broken down rubble, but still retains texture and features. Part of halo zone along lower contact of second clay/gouge altered zone. Quartz and Carbonate veinlets present within. Trace to no schistosity (seems more igneous origin than previous chlorite schist units). Fine grained quartz and plagioclase (albite? White) present throughout. Patches of stronger schistosity and foliation throughout. In and out of chlorite schist, even though the entire interval is chloritized. Interval is intensely fractured and has alternating zones of faulted rubble and gouge throughout.							
						MD	OR					
						MD	GN	Mo	CHL	3I		
						DK	GN	FR	CHL	4I		
						MD	BK	GO	OXI	2I		
						LT	OR	RB	OXI	3I		
61.79	70.65	8.86	CBS	FG	Moderate to strongly chloritized biotite schist with moderate to strong schistosity. Foliation is very thin (<1mm), and is generally found at 65TCA. Chlorite schist is highly fractured, with fractures following foliation and occurring at 2-5cm spacing throughout interval. CBS undergoes oxidation sporadically throughout, but is seen with increasing intensity towards quartz veins and upper and lower unit contacts. Minor carbonate (stringers and lenses) present in localized sections, along with quartz veins. Bleached white alteration halo present around some quartz veins. Quartz veins and chlorite host minor disseminated pyrite							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	FO	CHL	3I	Py	0.1
						DK	GN	FR	CHL	4I		
						MD	WH		CHL	5I		
						LT	GY		BLE	2I		
						MD	BK		OXI	1I		
									OXI	2I		
70.65	73.11	2.46	SER	FG	Zone of strongly siliceous quartz sericite schist that is intensely fractured, clay gouged and rubbly. Sericite schist is almost entirely replaced by quartz flooding/silicification. Sheeted quartz present. White to green sericite schist present, but limited to only 14cm within entire interval. Tan to vibrant orange oxidized (limonite?) stringers present along quartz fractures. Clay gouged zones of quartz/sericite schist have small clasts (pebble) of mica and quartz present within (fault zone). Small lenses of graphite present. Clay is entirely dominant towards end of interval. Very minor pyrite present along green sericite. Foliation of sericite is 70-80 TCA (Much steeper than typical sericite schist!!)							
						MD	GY		SIL	4I		
									OXI	2I		
						LT	TN		SIL	5I		
						MD	OR	RB	SER	4I		
						LT	GY	GO	SER	3I		
						LT	GN	FR	SER	2I	Py	0.1
						DK	GY		OXI	1I		
						LT	OR		SIL	3I		



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Texture	Alteration	Intensity	Mineral	Conc.
						Colour	Shade					
73.11	76.57	3.46	GPS	FG	Intensely clay gouged sericite/graphite schist that gradually transitions to entirely graphite schist by 73.99m. Sericite/graphite schist is composed of sub-parallel quartz vein with orange limonitic staining, that splites sericitic clay and quartz/graphite unit before transitioning into entirely graphite schist. Graphite schist has very fine laminations (<1mm), and is intensely fractured. White to tan carbonate present as stringers and veinlets within, but cannot get sense of orientation due to fractured nature of schist. Towards end of interval, graphite schist becomes mixed with quartz (takes on a medium grey colour also, vs medium black) and becomes more intensely gouge altered with depth. Minor pyrite present disseminated through laminations of graphite. Similar width, composition, and mineralization as seen in SE17-001.							
						MD	BL	RB				
						LT	TN					
						DK	GY	GO	CLY	3I		
						MD	GY	FR	CLY	2I	Py	0.1
						MD	TN					
76.57	87.05	10.48	CBS	FG	Finely foliated (1mm) medium grey/green/black chlorite biotite schist. Schist is highly fractured throughout, and has recurring zones of broken down and rubbly gouge. Intensely faulted area. Minor carbonate stringers / lenses present, as well as quartz veinlets with associated white carbonate.							
						MD	GY	FO	CHL	3I		
						MD	GN	FR				
						DK	GN	RB				
87.05	88.00	0.95	U	FG	Extremely decomposed and broken down white to green finely foliated schist (sericite schist?). Hard to distinguish due to drilling problems at bottom of hole, but appears to resemble quartz rich sericite schist. Hosts disseminated pyrite within quartz, along with yellow to orange limonitic stringers							
									SIL	3I		
						LT	WH	GO	SER	3I	Py	1
						LT	GY		SER	4I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.00	4.00	3.7	93	0.00	0	1R	1H	1W	
4.00	7.00	3.00	2.72	91	0.26	9	1R	2H	1W	
7.00	10.00	3.00	2.92	97	1.01	34	1R	2H	1W	
10.00	13.00	3.00	2.85	95	1.46	49	2R	2H	1W	
13.00	16.00	3.00	2.9	97	1.67	56	2R	2H	1W	
16.00	19.00	3.00	3	100	2.12	71	2R	2H	1W	
19.00	22.00	3.00	2.9	97	1.21	40	2R	2H	1W	
22.00	25.00	3.00	2.2	73	1.25	42	2R	2H	1W	
25.00	28.00	3.00	2.9	97	1.64	55	2R	2H	1W	
28.00	31.00	3.00	2.95	98	0.23	8	2R	2H	1W	
31.00	34.00	3.00	3	100	0.97	32	2R	2H	1W	
34.00	37.00	3.00	2.9	97	0.88	29	2R	2H	1W	
37.00	40.00	3.00	2.59	86	0.51	17	1R	1H	1W	
40.00	43.00	3.00	2.85	95	0.20	7	OR	1H	1W	
43.00	46.00	3.00	2.82	94	0.46	15	OR	1H	1W	
46.00	49.00	3.00	2.91	97	0.00	0	OR	1H	1W	
49.00	52.00	3.00	2.72	91	0.00	0	OR	1H	1W	
52.00	55.00	3.00	2.95	98	0.00	0	OR	1H	1W	
55.00	58.00	3.00	2.77	92	0.00	0	OR	2H	1W	
58.00	61.00	3.00	2.94	98	0.00	0	OR	1H	1W	
61.00	64.00	3.00	2.85	95	0.00	0	1R	1H	1W	
64.00	67.00	3.00	3	100	0.00	0	1R	2H	1W	
67.00	70.00	3.00	2.93	98	0.00	0	1R	2H	1W	
70.00	73.00	3.00	2.95	98	0.00	0	1R	2H	1W	
73.00	76.00	3.00	2.71	90	0.00	0	OR	1H	1W	
76.00	79.00	3.00	2.86	95	0.00	0	1R	1H	1W	
79.00	82.00	3.00	2.97	99	0.00	0	1R	2H	1W	
82.00	85.00	3.00	3	100	0.00	0	1R	1H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
85.00	88.00	3.00	2.74	91	0.00	0	1R	1H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0.3	OVB	
1	0.11	OVB	
2	0.35	OVB	
3	0.13	CBS	
4	0.11	CBS	
5	0.11	CBS	
6	0.23	CBS	
7	0.28	CBS	
8	0.16	CBS	
9	0.16	CBS	
10	0.16	CBS	
11	0.28	CBS	
12	0.13	CBS	
13	0.33	CBS	
14	0.3	CBS	
15	0.2	CBS	
16	0.23	CBS	
17	0.28	CBS	
18	0.11	CBS	
19	0.13	CBS	
20	0.33	CBS	
21	0.25	CBS	
22	0.25	CBS	
23	0.26	CBS	
24	0.26	CBS	
25	0.2	CBS	
26	0.23	CBS	
27	0.1	CBS	

Depth (m)	Magnetic Susceptibility	Unit	Comments
28	0.2	CBS	
29	0.11	CBS	
30	0.33	CBS	
31	0.16	CBS	
32	0.25	CBS	
33	0.21	CBS	
34	0.23	CBS	
35	0.18	CBS	
36	0.33	CBS	
37	0.3	CBS	
38	0.23	CBS	
39	0.18	CBS	
40	0.03	CBS	
41	0.1	CBS	
42	0.13	CBS	
43	0.25	CBS	
44	0.18	CBS	
45	0.03	CBS	
46	0.2	CBS	
47	0.23	CBS	
48	0.11	CBS	
49	0.21	CBS	
50	0.1	CBS	
51	0.2	CBS	
51	0.2	CBS	
52	0.1	CBS	
53	0.15	CBS	
54	0.11	CBS	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
55	0.06	CBS	
56	0.18	CBS	
57	0.23	CBS	
58	0.3	CBS	measured in box
59	0.31	CBS	measured in box
60	0.23	CBS	
61	0.13	CBS	
62	0.16	CBS	
63	0.23	CBS	measured in box
64	0.03	CBS	
65	0.2	CBS	
66	0.23	CBS	
67	0.11	CBS	
68	0.2	CBS	
69	0.18	CBS	
70	0.15	CBS	
71	0.03	SER	
72	0.05	SER	
73	0.21	SER	measured in box
74	0.21	GPS	measured in box
75	0.23	GPS	measured in box
76	0.06	GPS	
77	0.21	CBS	
78	0.1	CBS	
79	0.21	CBS	
80	0.13	CBS	
81	0.36	CBS	measured in box
82	0.31	CBS	measured in box
83	0.25	CBS	measured in box
84	0.65	CBS	measured in box

Depth (m)	Magnetic Susceptibility	Unit	Comments
85	0.08	CBS	
86	0.2	CBS	
87	0.21	CBS	
88	0.16	U	measured in box

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	W591105	<input type="checkbox"/>	17-003		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591113	<input type="checkbox"/>	17-004			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591121	<input type="checkbox"/>	17-004		SE-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591128	<input type="checkbox"/>	17-004			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591102	<input type="checkbox"/>	17-003			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.00	4.00	2.00	OVB	2.00	100	W591091	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.00	7.00	3.00	CBS	3.00	100	W591092	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.00	10.00	3.00	CBS	2.94	98	W591093	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.00	13.00	3.00	CBS	2.98	99	W591094	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.00	16.00	3.00	CBS	3.00	100	W591095	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.00	19.00	3.00	CBS	3.00	100	W591096	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.00	19.00	3.00	CBS	3.00	100	W591097	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19.00	22.00	3.00	CBS	3.00	100	W591098	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	25.00	3.00	CBS	2.97	99	W591099	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.00	28.00	3.00	CBS	3.00	100	W591100	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.00	31.00	3.00	CBS	2.92	97	W591101	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.00	34.00	3.00	CBS	3.00	100	W591103	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34.00	37.00	3.00	CBS	3.00	100	W591104	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.00	39.50	2.50	CBS	2.27	91	W591106	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39.50	41.40	1.90	CBS	1.88	99	W591107	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41.40	43.91	2.51	CBS	2.51	100	W591108	<input type="checkbox"/>	17-003			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43.91	45.50	1.59	CBS	1.58	99	W591109	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45.50	47.65	2.15	CBS	2.10	98	W591110	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47.65	49.61	1.96	CBS	1.81	92	W591111	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49.61	51.10	1.49	CBS	1.39	93	W591112	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51.10	52.66	1.56	CBS	1.35	87	W591114	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
52.66	55.00	2.34	CBS	2.34	100	W591115	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55.00	56.50	1.50	CBS	1.47	98	W591116	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56.50	58.00	1.50	CBS	1.39	93	W591117	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	61.00	3.00	CBS	2.94	98	W591118	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61.00	64.00	3.00	CBS	2.92	97	W591119	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64.00	67.00	3.00	CBS	3.00	100	W591120	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67.00	69.37	2.37	CBS	2.37	100	W591122	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69.37	70.89	1.52	CBS	1.52	100	W591123	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70.89	72.10	1.21	SER	1.21	100	W591124	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72.10	74.00	1.90	SER	1.90	100	W591125	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74.00	75.00	1.00	GPS	0.97	97	W591126	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75.00	76.60	1.60	GPS	1.00	63	W591127	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76.60	79.00	2.40	CBS	2.25	94	W591129	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79.00	82.00	3.00	CBS	2.97	99	W591130	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.00	84.67	2.67	CBS	2.67	100	W591131	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.00	84.67	2.67	CBS	2.67	100	W591132	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
84.67	86.00	1.33	CBS	1.23	92	W591133	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.00	88.00	2.00	CBS	1.77	89	W591134	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
7.00	22.00	ST		25	NUL	4	1mm carbonate stringer			
	29.00	ST		45	NUL	31	1mm carbonte stringer			
9.77	9.79	VT	37	55	NUL	1	2cm quartz vein with white carbonate stringers along selvages, and red carbonate patches (individual grains) within.			
13.33	13.35	VT	37	80	NUL	1	2cm quartz vein with inclusions of red and white carbonate hosted within deep green chlorite schist. 1.5cm dextral offset crosscuts quartz vein			
15.38	15.49	VT	37	75	NUL	3	deep green chlorite schist hosting three 3cm quartz veinlets. Veinlets follow same orientation, and are evenly spaced apart. Hosts red, white and tan carbonate within (mottled/speckled texture). Minor graphite present. Light green epidote(?) present (may be a less intense chlorite alteration??)			
17.29	17.31	VT	37	45	NUL	1	quartz vein within deep green chlorite schist. Carbonate stringers along upper selvedge. Red and white carbonate within			
17.61	17.63	VT	37	45	NUL	1	quartz vein within deep green chlorite schist. Carbonate stringers along upper selvedge. Red and white carbonate within			
18.61	18.63	VT	37	30	NUL	1	quartz vein within deep green chlorite schist. Carbonate stringers along upper selvedge. Red and white carbonate within. Displays ptigmatic folding			
21.37	21.74	VT	37	50	NUL	4	1-2cm quartz carbonate veinlets within deep green chlorite schist. Strong presence of mottled/speckly white to red carbonate throughout the interval, not confined to veining. Disseminated tourmaline and graphite present within both veinlets and chloritic schist. Banded epidote present along lower quartz vein.			
22.22	22.43	ST		35	NUL	4	stringers of graphite present within chlorite schist. Minor 2cm quartz veinlet also present. Mottled/speckly red to white to tan carbonate throughout			



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
25.27	25.29	VT	37	45	NUL	1	1.5-2cm quartz veinlet with red to white carbonate within			
25.51	25.52	ST		45	NUL	1	graphite stringer within chlorite schist			
25.85	25.87	VT	37	45	NUL	1	quartz vein with red and white carbonate within deep green chlorite schist. Minor graphite present.			
29.00	36.00	VT	37	60	NUL	15	Interval of several quartz veinlets/stringers hosting calcite, red carbonate. 2mm-4cm thick. <1mm fractures in veinlets/stringers infilled by milky white calcite. Red calcite associated with veining.			
30.74	30.78	VT	37	0	NUL	1	Rubby 4.5cm lens shaped quartz vein/veinlet. Angle TCA unknown due to nature of fractures. No mineralization.			
35.50	35.54	VT	37	0	NUL	1	4.5cm rubby quartz veinlet. Angle TCA unkown due to nature of fractures. Contains blebs of black mineral with dark red/brown streak - specular hematite? <1mm-5mm grains.			
36.36	36.37	FA	64	60	NUL	1	fold axis in chlorite schist			
37.25	37.27	VT	37	60	NUL	1	2cm quartz veinlet, no calcite or red carbonate, no mineralization.			
38.90	38.92	VT	37	65	NUL	1	calcite veinlet in alteration halo, very friable and rubby			
39.23	39.28	VT	37	50	NUL	1	quartz veinlet in alteration halo, minor carbonate, orange/black/yellow oxidation staining			
39.50	39.78	ST		0	NUL	1	"net" texture of quartz stringers in oxidized interval, minor carbonate present. 2-4cm thick friable quartz-carbonate veinlet at upper and lower end of interval.			
52.00	52.02	VT	37	-	NUL	1	Highly fractured 2cm quartz veinlet			
54.23	54.27	VT	37	55	NUL	1	Oxidized and fractured chlorite biotite schist hosting 3.5 cm quartz vein. Minor limonite stringers (<1mm) and carbonate pits present.			
55.03	55.06	VT	37	70	NUL	1	2.5cm quartz veinn within chlorite biotite schist. Minor chlorite blebs within vein			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
55.72	55.88	VN	37	-	NUL	1	Fractured 15cm quartz vein within fractured and oxidized chlorite biotite schist. Vein has minor carbonate along fractures. No mineralization			
61.00	61.30	VN	37	-	NUL	1	highly fractured 30 cm quartz vein. Vein hosts trace disseminated pyrite. Alteration halo seen on upper contact of quartz vein. 12cm of chlorite schist before vein displays moderate pervasive oxidation and is broken down.			
62.41	62.47	VN	37	50	NUL	1	6cm quartz vein hosted within foliated chlorite biotite schist. No mineralization			
63.80	64.00	VN	37	60	NUL	1	20cm quartz vein within deep green chlorite schist. Trace disseminated pyrite along selvages of vein.			
69.57	69.69	VN	37	75	NUL	1	12cm white quartz vein with trace pyrite within. Hosted within chlorite biotite schist, but 10cm halo of bleached chlorite schist around upper selvedge.			
69.69	68.80	VT	37	-	NUL	2	two 1.5cm quartz veinlets within chlorite biotite schist. No mineralization. Fractured so no orientation possible			
70.59	70.68	VN	37	-	NUL	1	fractured milky white quartz vein within fractured and rubbly chlorite schist halo along contact to siliceous sericite schist. Disseminated pyrite found along outer selvedge (1%)			
70.85	70.97	VN	37	70	NUL	1	12cm quartz vein with vibrant orange limonitic stringers crossing through it along fracture faces. Blebbly pyrite (4%) found within, along outer selvedge of vein, along with stringer of pink carbonate (rhodocrosite). Found along contact between chloritic schist and siliceous sericite schist.			
75.92	76.00	VN	37	-	NUL	1	7.5 cm milky quartz vein within intensely rubbled and fractured graphitic schist zone. No mineralization present. White carbonate stringers and minor blebs of rhodocrosite present within.			
77.97	78.00	VT	37	70	NUL	1	3cm quartz veinlet with blebs of white carbonate within. Hosted in chlorite biotite schist			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
80.00	80.50	VT	37	70	NUL	4	four ~1cm irregularly shaped quartz veinlets with minor white carbonate within. Hosted within fine grained chlorite schist with very thin foliation.			
81.95	81.96	VT	37	70	NUL	1	1cm quartz carbonate vein within chlorite schist. Entire unit including vein is fractured.			
85.00	85.02	VT	37	-	NUL	1	fractured 1-1.5cm quartz veinlet within chlorite schist. Found along lower edge of gouged/soft bleached sericite schist unit. Blebs of carbonate white to very discrete pink present within.			
86.00	86.04	VN	37	-	NUL	1	Spun/ground calcite vein hosting numerous patches of very acicular and needle like gunmetal silver blades of Stibnite(?) - striations along C axis, very soft, metallic or Boulangerite (?) - very similar characteristics to antimony. Sulphide mineral is present in acicular masses throughout calcite vein.			

# Trident - Trident

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		519685	7048099	767	122.5

**ZONE:** Exploits

**SECTION:** SE-17-003 Drill Section

**HOLE:** SE-17-004

**CLAIM:** SQUID EAST YE27015

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 88m, Out

Drilling Dates: Aug 25 - Sep 01, 2017

Geology Logged By: W. Kelson

SURVEY			
Depth (m)	Azimuth	Dip	Method
101	0.6	-48.3	Reflex
122	0.1	-49.4	Reflex

**TARGET:** EXPLOIT ZONE

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.5	2.5	OVB
2.5	7	4.5	CLS
7	35.41	28.41	CLS
35.41	37.05	1.64	SER
37.05	39.26	2.21	CBS
39.26	42.73	3.47	SER
42.73	43.43	0.7	CLS
43.43	66.78	23.35	CBS
66.78	67.26	0.48	FLT
67.26	74.28	7.02	QBS
74.28	78.18	3.9	FLT
78.18	81.23	3.05	CBS
81.23	88.8	7.57	SER
88.8	92.86	4.06	CBS
92.86	93.7	0.84	QMS
93.7	95.21	1.51	GPS

SAMPLES	
Numbers:	W591135 to W591200, W591251 to W591267
Total:	83
Batch:	004, 005, 006, 008
Certificates:	WH17197086, WH17197087

COMMENTS

95.21	100.8	5.59	QMS
100.8	102.6	1.8	SER
102.6	112.83	10.23	QMS
112.83	115.15	2.32	FLT
115.15	119.5	4.35	TUF
119.5	121.48	1.98	BXA
121.48	122.5	1.02	TUF

Box Number	From (m)	To (m)
1	0	4.1
2	4.1	6.92
3	6.92	9.81
4	9.81	12.85
5	12.85	15.85
6	15.85	18.88
7	18.88	21.87
8	21.87	24.93
9	24.93	28.24
10	28.24	31.26
11	31.26	34.34
12	34.34	37.77
13	37.77	40.54
14	40.54	43.71
15	43.71	46.78
16	46.78	49.74
17	49.74	52.8
18	52.8	55.71
19	55.71	58.59
20	58.59	61.67
21	61.67	64.48
22	64.48	67.9
23	67.9	71.75
24	71.75	74.84
25	74.84	77.91
26	77.91	80.85
27	80.85	83.97
28	83.97	87.05
29	87.05	90.26

Box Number	From (m)	To (m)
30	90.26	93.46
31	93.46	96.53
32	96.53	99.85
33	99.85	103.47
34	103.47	106.57
35	106.57	109.72
36	109.72	112.98
37	112.98	116.6
38	116.6	118.64
39	118.64	121.57
40	121.57	122.5

Box Number	From (m)	To (m)
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Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
SE-17-004									
	10.9	8	HQ	CLS	694.6	254.2	2.97	1.6	chlorite schist
	13.9	7	HQ	CLS	620.4	177.1	3.03	1.4	CS
	17.45	9	HQ	CLS	790.8	496	3.01	2.7	CS
	21.28	10	HQ	CLS	988.1	257.7	3.38	1.4	CS
	24.07	10.5	HQ	CLS	874.7	297.5	2.85	1.5	CS
	26.67	8.2	HQ	CLS	682.7	184.3	2.85	1.4	CS (altered/ox)
	30.05	6.5	HQ	CLS	465.4	274.3	2.45	2.4	CS (oxidized, w/ qtz-carbonate veinlets)
	33.7	8.5	HQ	CLS	684.3	409.5	2.75	2.5	CS (oxidized, w/ pitted qtz-carbonate Vt/Str)
	58.25	10	HQ	CBS	870.8	546.5	2.98	2.7	CS w/ qtz-carbonate str
	60.45	4.5	HQ	CBS	377.6	232.1	2.87	2.6	CS w/ oxidized qtz-carbonate str
	64.8	4.5	HQ	CBS	420.4	262.9	3.2	2.7	CS w/ qtz-carbonate str
	69	5.5	HQ	QBS	447.9	280.1	2.79	2.7	Quartz-mica schist w/ disseminated Pyrite
	73.3	4	HQ	QBS	326.4	194.4	2.79	2.5	Quartz-Graphite schist (?)
	75.1	2.5	HQ	FLT	213.5	128.4	2.92	2.5	CS w/ disseminated Pyrite, Qtz-carbonate stringers
	79.31	8	HQ	CBS	768.3	489.3	3.29	2.8	CS
	82.13	12	HQ	SER	1169	735.8	3.33	2.7	SS
	82.94	4	HQ	SER	314.5	196.3	2.69	2.7	CS
	83.15	3	HQ	SER	337.9	250.5	3.85	3.9	metallic vein
	85.15	8.5	HQ	SER	738.4	456.1	2.97	2.6	qtz vein
	86.02	5.5	HQ	SER	509.7	319	3.17	2.7	SS
	89.12	3	HQ	CBS	332.9	198.4	3.8	2.5	CS
	91.1	9	HQ	CBS	899.1	573.4	3.42	2.8	CS
	93.49	6	HQ	QMS	621.1	385.4	3.54	2.6	CS
	96.22	8.5	HQ	QMS	737.1	472.9	2.97	2.8	CS
	97.17	8.5	HQ	QMS	825.2	523.1	3.32	2.7	graphite schist
	99.62	4.5	HQ	QMS	372.4	227.4	2.83	2.6	CS
	102.63	7.5	HQ	QMS	655.4	402.5	2.99	2.6	qtz vein

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
	104	8.5	HQ	QMS	753.2	471.5	3.03	2.7	CS
	107.35	7	HQ	QMS	572.2	353.5	2.8	2.6	CS
	109.95	8	HQ	QMS	818	512	3.5	2.7	qtz vein
	114.67	7	HQ	FLT	598	361.8	2.92	2.5	graphite schist
	115.5	8	HQ	TUF	558.4	342.4	2.39	2.6	tuff
	118.9	7.5	HQ	TUF	650.8	409.9	2.97	2.7	finely layered felsic rock
	121.35	9	HQ	BXA	723.4	448	2.75	2.6	breccia
	122.3	16.5	HQ	TUF	1384	882.1	2.87	2.8	quartz feldspar porphyry?



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.50	2.50	OVB	FG	Very soft and loosely packed overburden							
						MD	BR					
						DK	BR					
2.50	7.00	4.50	CLS	FG	Highly fractured to rubbly fine grained chlorite schist. Transition from OVB to bedrock.							
						MD	GN	FR	CHL	3I		
						MD	GY					
						DK	GN	RB	CHL	4I		
14.00	22.10	8.10	CLS	FG	Chlorite schist. Carries a concentrated amount of brown/red/tan highly reactive carbonate along with carbonate stringers and quartz veinlets. Schist follows 45-50*TCA orientation							
						MD	GN	FO	CHL	3I		
						MD	RD					
						DK	GN		CHL	4I		
22.10	23.20	1.10	CLS	FG	interval of relatively more intensely fractured chlorite schist. Interval contains three 6-11cm sections of gouged chlorite schist that may represent a fault zone. Found at 22.10, 22.75, 23.10m.							
						MD	GN	FR	CHL	3I		
						DK	GN	GO				
25.80	35.41	9.61	CLS	FG	Chloritic schist with pervasive to banded oxidation occurring in sporadic patches throughout. Moderate patchy carbonate alteration(? - dark tan, fizzes with acid) throughout chlorite schist. Limonitic stringers present occurring along foliation. Foliation occurs at ~45TCA. Quartz veinlets and lenses throughout, in association with carbonate. Carbonate also found as very minor stringers following foliation. Deformation in the form of undulating foliation, fold axes, ptigmatic folds present.							
						MD	GN	BN	CHL	3I		
						MD	OR		OXI	2I		
						DK	GN		CHL	4I		
									OXI	3I		
35.86	36.00	0.14	CLS	FG	Oxidized dark green chlorite to sericite schist with minor oxidation ranging from orange to dark brown. Minor quartz lense/floods throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		SER	3I		
						LT	OR					
						DK	GN	FO	CHL	3I		
37.05	39.26	2.21	CBS	FG	Dark green chlorite biotite schist with strong foliation and schistosity. Foliation at 60TCA \. Moderate to strong bands of sporadic oxidation following foliation of CBS. Dark brown to black limonitic oxidation present in small pits and cavities seen throughout the core. Small quartz/albite(?) clasts present within.							
						MD	GN	FO	CHL	3I		
						MD	OR		OXI	2I		
						DK	GN		CHL	4I		
									OXI	3I		
40.20	41.61	1.41	CLS	FG	Interval of moderately oxidized medium to deep green chlorite (?) altered schist. Schist has tan stringers following foliation planes throughout entire interval, with spacing ranging from 0.1mm to 1cm. Tan clay follows foliation entirely. Chlorite schist has highly fractured intervals. Within fractured zones, rubbled clasts of chlorite and quartz is present. Quartz along fracture faces found in round euhedral clasts along fractures. Quartz veinlets present within. Zone of seemingly igneous origin found within zone, with quartz and albite(?) within, where foliation has not yet completely line up.							
						MD	GN	FR	CHL	3I		
						MD	OR		OXI	3I		
						LT	GN	FO	CHL	2I		
						LT	TN		OXI	2I		
						DK	GN	RB	SER	2I		
42.73	43.43	0.70	CLS	FG	Bleached tan altered zone where foliation textures have been completely destroyed. Pervasive tan to orange alteration throughout. Zones of soft gouged chlorite present within.							
						MD	TN		BLE	4I		
						MD	OR					
						MD	GN					
						LT	TN		BLE	2I		
						LT	OR		BLE	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
47.74	48.32	0.58	CLS	FG	Chlorite to trace sericitic altered schist with a green to light yellow colouration. Highly fractured throughout with small 1mm clasts of quartz/albite. Foliation not possible due to fracture.							
						MD	GN	FR				
						MD	YW					
						LT	GN	FO				
						LT	YW					
48.32	51.79	3.47	U	FG	Interval of decomposed and fractured, soft waxy sericite altered schist with minor patchy chlorite overprinting (or vice versa). Sericite altered schist has a pinkish red soft broken down infill throughout, seen mainly along fractures. Hematite alt? Not classic hematite colouration, much more potassic looking. Light grey to medium grey to weakly chloritic green looking. Waxy texture with very vitreous lustre amongst micas. Interval displays waxy deformation following ~20-40TCA trend							
						MD	GY	FO				
						MD	RD					
						MD	PK					
						LT	GY	FR				
						LT	GN					
						LT	PK					
						LT	RD					
66.78	67.26	0.48	FLT	--	Clay to rubble and highly fractured fault zone. Fault zone transitions from tan alteration halo at lower end of deformed chlorite biotite schist and to a quartz/graphite/sericite schist gouge zone that is intensely fractured and rubble. Minor oxide present within.							
						MD	TN	RB	OXI	2I		
						MD	WH					
						MD	GY		CLY	3I		
						MD	BL					
						LT	OR	GO	CLY	2I		
						LT	TN	FR	OXI	1I		
						DK	GY					
69.06	70.00	0.94	CBS	FG	Highly fractured fine grained chlorite biotite schist. Fracture faces are moderately oxidized. More green colour present than grey							
						MD	GN	FR	OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
						MD	OR					
						DK	GN		OXI	3I		
						DK	GY					
70.00	70.49	0.49	FLT	--	Highly rubbled and oxidized fault gouge with remnant pebble sized clasts of chlorite, limonitic oxide, and minor quartz							
						MD	OR					
						MD	TN		CLY	4I		
						LT	TN	GO	CLY	3I		
						LT	OR					
74.28	75.89	1.61	FLR	--	highly fractured and rubbly fault zone of tan to grey quartz muscovite schist. Transitions to a clay gouged fault with quartz vein within.							
						MD	TN	RB				
						MD	GY					
						LT	GY	GO				
						LT	TN	FR				
75.89	76.36	0.47	SCH	FG	Siliceous fine grained moderately silicified quartz muscovite schist. Silicification has destroyed much of textures within zone. Highly fractured, but competent unit within faulted, gouged and rubbly interval							
						MD	GY	FO	SIL	3I		
						LT	GY	FR	SIL	4I		
78.18	81.23	3.05	CBS	FG	Finely grained and foliated dark green chlorite biotite schist. Schist ranges from highly competent to intensely fractured in small pockets. Foliation of chlorite trends roughly 60TCA. Small lenses and clasts of quartz found sporadically within. Thin lenses of pyrite found disseminated throughout chlorite schist, ranging from 1-10mm. Quartz vein found within.							
						DK	GN	FO	CHL	3I	Py	1
								FR	CHL	4I		
									CHL	5I		
82.22	82.83	0.61	SER	--	Intensely fractured and sericite altered zone of sericite schist that has weak gouged/rubbly texture to it. Minor disseminated pyrite and galena found within, but extent of mineralization impossible to determine due to fractures. Very subtle green colouration to last 5cm of interval							
						MD	WH	RB	SER	4I	Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	GO	SER	5I		
						LT	WH	FR	SER	3I	Py	
						LT	GN					
83.90	85.14	1.24	CBS	FG	Dark green chlorite biotite schist. Begins as highly fractured interval (Recovery loss present due to spun and ground core), before transitioning to competent rock until 84.48m. Afterwards, transitions to a chlorite fault gouge zone with rubbly quartz and pyrite present. Large pyrite cubes and stringers present within entire interval. Minor quartz present as lenses/clasts (3mm). 11cm white quartz vein found at lower contact of fault gouge.							
						MD	GN	FO	CHL	3I	Py	0.2
						DK	GN	FR	CHL	4I	Py	3
								GO				
85.14	88.10	2.96	SER	FG	moderate to strongly sheeted quartz/siliceous sericite schist zone. Zone is highly fractured with minor rubbly and clay zones within (micro faulting). Zone is very siliceous, with very visible quartz replacement, but pale white to mint green sericitic micas remain along fracture and foliation planes. Very fine foliation present, and ~70TCA. Disseminated pyrite, galena present sporadically throughout, following foliation planes but in a vein style accumulation. Contact of sericite schist zone is rubbly and gouged before transitioning to chlorite biotite schist.							
						MD	WH					
						MD	GY					
						LT	GN					
						LT	WH					
						LT	GY					
88.10	88.80	0.70	SER	FG	Quartz/sericite schist zone with minor chlorite overprinting. Gradational zone between sericite schist and chlorite biotite schist. Gouge/rubble zones found along upper and lower contact. Light to medium green with minor chlorite present. Disseminated pyrite and galena present. 6cm quartz vein found along lower contact.							
						MD	GN	FO	SER	3I	Gn	0.2
						MD	GY					
						LT	GY	GO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	FR	CHL	2I	Py	0.1
89.96	90.73	0.77	SER	FG	Weakly chloritized sericitic schist with quartz sheeting and weak silicification. Foliation steep, 70-75TCA, with minor quartz eyes (1mm) throughout. Trace disseminated pyrite within.							
						LT	GN	FO	CHL	2I	Py	0.1
						LT	GY		SIL	2I		
90.73	92.56	1.83	CBS	FG	Dark green chlorite biotite schist. Hosts vast 0.5cm bands of quartz/fine carbonate throughout entire interval. Minor oxidation present. Foliation roughly 80TCA, but extremely fine foliation. Copper to tan to orange clay (? - could be drill shaving??) present in lense shape within chlorite biotite schist (not just surficial). Minor disseminated pyrite found within.							
						MD	GN	FO	CHL	4I	Py	0.5
						MD	BK					
						DK	GN		CHL	5I		
92.56	92.86	0.30	GPS	FG	Very rubbly graphitic zone. Graphite runs subparallel to core axis. Rubbly quartz vein found along other half of core that displays medium orange oxidation.							
						MD	GY					
						MD	OR					
						MD	BL					
						LT	OR					
						DK	BL	RB	OXI	2I		
						DK	GY					
92.86	93.70	0.84	QMS	FG	Pale green to grey weakly chlorite altered muscovite schist(?) unit is very fine grained, displays foliation and is quartz rich. (Quartz muscovite schist unit typical of Klondike schist). Grey quartz veinlets present within along with lenses of quartz. Highly fractured. Foliation roughly 50TCA. Quartz forms bands / sheets that alternate with chloritized muscovite.							
						LT	GN	FR	SIL	2I		
						LT	GY	FO	CHL	2I	Py	0.1
94.00	94.11	0.11	FLR	--	Highly gouged zone of grey muscovite schist(?) with very weak surficial oxidation and quartz clasts present within.							
						MD	GY	RB				
						LT	GY	GO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
97.20	97.53	0.33	GPS	FG	Grey to trace green chloritic quartz/muscovite schist that has been intruded and weakly brecciated by a zone of black graphite. Schist is strongly deformed from graphitic intrusion. Quartz vein present along lower selvedge.							
						MD	BK					
						LT	GN					
						LT	GY					
						DK	BK	BX	CHL	1I		
100.80	102.60	1.80	SER	FG	fractured to gouged moderately sericitic quartz muscovite schist. Sericite schist is light to medium grey throughout, with clasts of quartz and mica found in gouged zones. Minor pyrite present finely disseminated within.							
						MD	GY	FR	SER	3I		
						LT	GY	FO	SER	2I	Py	0.1
								RB	SIL	2I		
									SIL	3I		
102.60	105.00	2.40	CBS	FG	Weakly to moderately chloritic biotite to weak muscovite schist hosting irregular quartz and carbonate stringers and lenses throughout. Minor disseminated pyrite seen throughout. Foliation ~70TCA							
						MD	GN		CHL	3I		
						LT	GN	FO	CHL	2I	Py	0.5
						DK	GN		SIL	1I		
105.00	105.62	0.62	QMS	FG	weakly chloritic quartz muscovite schist that displays lenses and irregular bands of quartz throughout (from quartz floods?). Minor pyrite present disseminated throughout. Weak to moderate foliation/schistosity. Foliation ~70TCA							
						LT	GY	FO	CHL	2I		
						LT	GN	BN	CHL	1I	Py	0.1
									SIL	1I		
									SIL	2I		
105.62	109.90	4.28	QMS	FG	Weakly chlorite altered quartz muscovite schist with wavy to undulating foliation (80TCA). Bands and lenses of irregular quartz present throughout entire interval. Disseminated pyrite found in trace to minor amounts throughout.							
						LT	GY	FO	CHL	1I	Py	0.1
						LT	GN	BN	CHL	2I		
									SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
110.00	112.83	2.83	CLS	FG	Moderate to strong chlorite alteres schist with both biotite and muscovite present. Biotite is very minor (prevalent in upper 70cm) and decreases with depth, leaving the quartz as a dominantly chlorite muscovite schist. Quartz and carbonate veins/veinlets/stringers present thoroughout. Chlorite alteration decreases with depth. Foliation ~70-75TCA							
						MD	GN	FR				
						LT	GN	FO				
						LT	GY					
113.81	113.91	0.10	SER	--	Emerald green gouged and rubbly fuchsite(?) or intense mint green sericite schist. Quartz clasts present within.							
						LT	GN	FR	SER	3I		
						LT	GY					
114.52	114.70	0.18	BXA	FG	Quartz breccia zone. Quartz brecciates cobble sized clasts of re-healed graphite and quartz muscovite schist. Quartz injection brecciated re-healed fault zone? Minor pyrite present disseminated within							
						MD	GY	RB	SER	3I		
						MD	BK					
						LT	GY	BX	SER	2I	Py	
						LT	OR					
115.15	119.50	4.35	TUF	FG	Very fine grained light grey to tan, weakly siliceous felsic tuff. Tuff displays weak foliation that runs 65TCA. Minor carbonate stringers that sporadically cross tuff unit in no apparent trend or orientation. Dark bands of graphite and minor black chlorite follow same 60TCA banding. Fractured throughout, but entire zone is very competent compared to chlorite schist zones. Trace pyrite found sporadically disseminated throughout.							
						LT	TN	FR				
						LT	GY	FO	SIL	2I	Py	0.1



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
119.50	121.48	1.98	BXA	FG	Brecciated tuff zone. Black breccia texture (similar black material seen at Klaza). Black breccia brecciates tuff in multiple spots of zone, enveloping pebble to cobble sized quartz and tuff clasts (trace to no pyrite found in breccia zones). Interval displays decomposed and weakly gouged zones of tuff. Quartz veins parallel to core axis present that supercede breccia present. Minor black stringers (graphite?) present throughout. Foliation of tuff ~65TCA	MD	BK	FR				
						LT	GY	FO			Py	0.1
121.48	122.50	1.02	TUF	FG	Light grey to tan volcanoclastic tuff with small (0.5cm) quartz lenses and eyes present within. ~ 65TCA foliation that is weak, but slightly wavy			BX				
						LT	GY	PO				
						LT	TN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	2.50	2.50	OVB	FG	Very soft and loosely packed overburden							
						DK	BR					
						MD	BR					
2.50	7.00	4.50	CLS	FG	Highly fractured to rubbly fine grained chlorite schist. Transition from OVB to bedrock.							
						MD	GY					
						DK	GN	RB	CHL	4I		
						MD	GN	FR	CHL	3I		
7.00	35.41	28.41	CLS	FG	Medium to dark green chlorite to weak chlorite biotite schist. Interval fluctuates between highly competent and fractured, but is almost completely competent. Foliation is relatively consistent throughout, ranging between 40-50*TCA (Average 45*TCA). Chlorite schist has quartz to quartz carbonate veins/veinlets and carbonate stringers occurring throughout entire interval, transitioning from tightly spaced to more sporadic with depth. Carbonate stringers are later stage than quartz to quartz carbonate as seen by crosscutting features. See secondary structures for details. White/yellow/tan to orange carbonate present throughout in a heterogenously pervasive mottling/speckling that alternates between following foliation, and a sporadic semingly random distribution across interval. White carbonate stringers also present sporadically throughout. Black tourmaline presesnt as dissemination in sporadic quartz veinlets/veins. Deformation and folding present sporadically throughout (rare), ranging from ptigmatic folding to undulating foliation. Colour ranges from dark to medium green, and may represent differing intensities of chlorite alteration. Possible epidote present found in association with quartz/red and white carbonate intevals. Red carbonate also present, found throughout interval, seemingly associated, but not limited to, quartz carbonate veining in the interval. Red carbonate displays much stronger effervescence than white/tan carbonate present.							
						LT	GN					
						MD	RD					
						DK	GN	FR	CHL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	FO	CHL	3I	To	0.1
						MD	PK					
35.41	37.05	1.64	SER	FG	Intensely green (very mint green colouration) altered sericite schist with pervasive bands of oxidation throughout. Pits found within green sericite schist with oxidation found in pits within the sericite. Fine grained tan clay present infilling cavities. Fine white clasts of possibly albite(?) (White to tan colour, not carbonate, hard - 6) present scattered throughout. Heavily oxidized and altered chlorite schist found along upper and lower selvedge. Oxidation present throughout. No definitive sulphide. Albite ~5-8% throughout.							
						MD	OR					
						LT	OR		SER	4I		
						LT	GN		SER	3I		
						MD	GN					
37.05	39.26	2.21	CBS	FG	Dark green chlorite biotite schist with strong foliation and schistosity. Foliation at 60TCA \. Moderate to strong bands of sporadic oxidation following foliation of CBS. Dark brown to black limonitic oxidation present in small pits and cavities seen throughout the core. Small quartz/albite(?) clasts present within.							
						DK	GN		CHL	4I		
						MD	GN	FO	CHL	3I		
									OXI	3I		
						MD	OR		OXI	2I		
39.26	42.73	3.47	SER	FG	Intensely mint green zone of sericite schist. Sericite schist carries large clusters of quartz and albite (1-2mm). Albite/quartz loosely follows foliation. Tan to orange oxidized clay stringers present within, following foliation in a weak to moderate anastomosing texture. Quartz veinlets found sporadically throughout, along with veins clastic quartz/albite. Schistosity within sericite alteration is weak to moderate, with foliation roughly 70TCA. Chlorite schist dips less steep, at roughly 60TCA							
						MD	TN					
						DK	GN					
						MD	GN					
						LT	OR					
						LT	TN					
						LT	GN	FO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Texture	Alteration	Intensity	Mineral	Conc.
						Colour	Shade					
42.73	43.43	0.70	CLS	FG	Bleached tan altered zone where foliation textures have been completely destroyed. Pervasive tan to orange alteration throughout. Zones of soft gouged chlorite present within.							
						MD	TN		BLE	4I		
						LT	OR		BLE	3I		
						MD	OR					
						MD	GN					
						LT	TN		BLE	2I		
43.43	66.78	23.35	CBS	MG	Fine to medium grained dark green chlorite biotite schist. CBS is moderately foliated, with recurring schistosity occurring at roughly 60-65TCA. Chlorite biotite schist hosts linear bands of quartz and soft pink to red plagioclase(?). Schist appears to igneous origin. Numerous zones of highly fractures CBS present. Quartz and carbonate lenses occur throughout, along with a zone of quartz and barite (?? - soft -2, white, no effervescence or HCL reaction. Or talc) veinlets. Chlorite biotite schist unit is intensely deformed with folds present throughout. Folding ranges from subparallel undulating folds, to acute chevron folds (1 - fold axis 55TCA), to fold axis, to wavy folds throughout. Metamorphism has made entire unit soft, and subject to easy fracture and decomposition.							
						DK	GY	SH				
						MD	GN	FO	CHL	3I		
						DK	GN	SN	CHL	4I		
66.78	67.26	0.48	FLT	--	Clay to rubble and highly fractured fault zone. Fault zone transitions from tan alteration halo at lower end of deformed chlorite biotite schist and to a quartz/graphite/sericite schist gouge zone that is intensely fractured and rubble. Minor oxide present within.							
						LT	OR	GO	CLY	2I		
						DK	GY					
						MD	BL					
						MD	WH					
						MD	TN	RB	OXI	2I		
						LT	TN	FR	OXI	1I		
						MD	GY		CLY	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Texture	Alteration	Intensity	Mineral	Conc.
						Colour	Shade					
67.26	74.28	7.02	QBS	FG	Very fine grained medium to dark grey quartz/biotite schist (?). Schist unit has undergone silicification, and most textures in rock have been removed. Only very fine foliation remains that displays moderate spacing. Oxidation present along small stringers (<1mm) and fracture faces. Contains zone of highly fractured quartz biotite schist, along with an intensely gouged and faulted zone of tan or orange rubbly oxide and clay. Quartz, carbonate and quartz/carbonate veining present within ranging in size from stringer to vein. Foliation is quite subtle, but can be seen at both 55TCA and 70TCA. Highly fractured zone is more chloritic than the rest of interval, and displays moderate oxidation along fracture faces. Interval is dominantly grey to dark grey in colour, with highly fractured zone displaying a more green hue							
						MD	GY	FO				
						MD	GN	FR	CHL	3I		
						DK	GY	GO	CHL	2I		
						LT	OR					
						MD	OR					
74.28	78.18	3.90	FLT	--	Zone of highly fractured, fault gouged, and rubbly quartz muscovite to biotite schist with weak chlorite alteration. Interval displays minor silicification. Colour ranges from tan to pale orange, to green and grey. Small zones of fractured but competent quartz muscovite/biotite present that have not undergone faulting, but comprises <10%. Minor disseminated pyrite present.	DK	GN	RB	CHL	4I		
						MD	TN	RB				
						LT	TN	FR	SIL	2I		
						LT	GY					
						MD	GN	FO	CHL	2I	Py	1
						MD	WH					
						MD	GY	GO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Colour		Texture		Alteration		Intensity		Mineral		Conc.	
78.18	81.23	3.05	CBS	FG	Finely grained and foliated dark green chlorite biotite schist. Schist ranges from highly competent to intensely fractured in small pockets. Foliation of chlorite trends roughly 60TCA. Small lenses and clasts of quartz found sporadically within. Thin lenses of pyrite found disseminated throughout chlorite schist, ranging from 1-10mm. Quartz vein found within.														
						DK	GN	FO	CHL	3I	Py								1
								FR	CHL	4I									
									CHL	5I									
81.23	88.80	7.57	SER	FG	Zone of moderate to strongly sericite altered and quartz rich muscovite schist. Zone is moderately to intensely fractured with gouged to rubbly areas within. Small intervals of chlorite biotite schist (same as previous lith) that carry quartz lenses and clasts, along with sporadic but large cubes of pyrite. Sericite schist ranges from white/grey to minty green, and has weak intermittent chloritization sporadically as it draws near chlorite biotite schist pockets. Chlorite biotite schist hosts disseminated but large cubes of pyrite, while sericite schist hosts bands of disseminated pyrite, galena, chalcopyrite (greenish gold colour after HCL bath), honey brown sphalerite, bornite(?? - purple to faint blue peacock colouration on dark grey metallic surface), . Sericite schist foliation ~70TCA, while chlorite biotite schist is ~60TC. Sericite schist carries disseminated sulphide throughout entire interval (pyrite, galena), along with concentrated bands of sulphide found following foliation, but not in a definitive vein (part of quartz flooding?)														
												SIL	3I						
												CHL	4I						
							LT	GY	FO	SER	2I	Py							1
							LT	WH	FR	SER	3I	Gn							1
							MD	WH	RB	SER	4I	Cp							1
							MD	GY	GO	SER	5I								
							LT	GN	BN	CHL	2I								
							MD	GN		CHL	3I								
										SIL	4I								

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Texture	Alteration	Intensity	Mineral	Conc.
						Shade	Colour					
88.80	92.86	4.06	CBS	FG	Dark green chlorite biotite schist with numerous bands of quartz/carbonate that follow foliation. Interval carries chloritized siliceous quartz sheeted sericite schist unit, as well as a rubbly quartz/graphite unit. Chlorite alteration becomes weaker after quartz/graphite unit, transitioning into a weakly chloritized quartz muscovite schist(?). Minor pyrite found within chlorite biotite schist. Chlorite biotite schist has minor tan to orange clay mineral present (not oxidation).							
						DK	GY		SIL	3I		
						MD	BK					
						MD	GY		SIL	2I		
						DK	GN	RB	CHL	4I		
						MD	GN	GO	CHL	3I		
						LT	GN	FR	CHL	2I	Py	1
	MD	OR										
92.86	93.70	0.84	QMS	FG	Pale green to grey weakly chlorite altered muscovite schist(?) unit is very fine grained, displays foliation and is quartz rich. (Quartz muscovite schist unit typical of Klondike schist). Grey quartz veinlets present within along with lenses of quartz. Highly fractured. Foliation roughly 50TCA. Quartz forms bands / sheets that alternate with chloritized muscovite.							
						LT	GN	FR	SIL	2I		
						LT	GY	FO	CHL	2I	Py	0.1
93.70	95.21	1.51	GPS	FG	Dark grey to black graphitic schist with bands of pale grey/green muscovite schist from previous unit present. Graphite zone is highly fractured, and displays strong quartz carbonate brecciation throughout entire zone. Minor oxidation present. No visible sulphide present. Bands of quartz present that are highly deformed, along with lenses throughout. Very fractured and rubbly throughout entire zone. Carbonate present along with quartz, ranging from white to pink							
						MD	OR	BX				
						DK	GY	RB				
						DK	BK	FR			Rh	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade		Texture	Alteration	Intensity	Mineral	Conc.
						Colour	Shade					
95.21	100.80	5.59	QMS	FG	Pale green to grey weakly chlorite altered muscovite schist(?) unit is very fine grained, displays foliation and is quartz rich. (Quartz muscovite schist unit typical of Klondike schist). Grey quartz veinlets present within along with lenses of quartz. Highly fractured. Foliation roughly 50TCA. Quartz forms bands / sheets that alternate with chloritized muscovite. Schistosity and foliation are both sporadically alternating between weak and moderate. Undulating deformation and folding present within interval. Zone of highly deformed graphitic quartz muscovite schist present, were graphite is intruding schist unit.							
								FO	OXI	1I		
								BX	OXI	2I		
								FR	CHL	2I	Py	1
							RB					
100.80	102.60	1.80	SER	FG	fractured to gouged moderately sericitic quartz muscovite schist. Sericite schist is light to medium grey throughout, with clasts of quartz and mica found in gouged zones. Minor pyrite present finely disseminated within.							
									SIL	3I		
						MD	GY	FR	SER	3I		
						LT	GY	FO	SER	2I	Py	0.1
							RB	SIL	2I			
102.60	112.83	10.23	QMS	FG	Interval of weakly to moderately chlorite altered schist that ranges from muscovite to biotite dominant. Within interval, stringers of clear to white quartz and white carbonate (calcite?) with minor white plagioclase(?). Interval alternates between weak to moderately chlorite altered biotite schist to a weakly chloritic quartz muscovite schist that displays lenses and irregular bands of quartz throughout. Minor pyrite present disseminated throughout.							
									SIL	2I		
						LT	GY		SIL	1I		
						DK	GN		CHL	3I		
						LT	GN	FO	CHL	2I	Py	1
						MD	GN	FR	CHL	1I		



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description									
						Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.		
112.83	115.15	2.32	FLT	-	Re-healed quartz muscovite fault zone. Fault zone displays dark grey re-healed clay seams and black re-healed graphitic seams sporadically within that trenx ~70TCA. More competent quartz is present within that displays brecciation. Small 9cm zone of emerald green fuchsite(? - or strong green sericite alteration) alteration present within re-healed gouge zone. Minor small scale (cm scale) offset faults present within. Small intervals of fractured rock within. Trace pyrite within.									
						LT	GN	RB						
						LT	GY	GO	SER	2I				
						MD	GY	FR	SER	3I				
						MD	BK	FO						
115.15	119.50	4.35	TUF	FG	Very fine grained light grey to tan, weakly siliceous felsic tuff. Tuff displays weak foliation that runs 65TCA. Minor carbonate stringers that sporadically cross tuff unit in no apparent trend or orientation. Dark bands of graphite and minor black chlorite follow same 60TCA banding. Fractured throughout, but entire zone is very competent compared to chlorite schist zones. Trace pyrite found sporadically disseminated throughout.									
						LT	TN	FR						
						LT	GY	FO	SIL	2I	Py		0.1	
119.50	121.48	1.98	BXA	FG	Brecciated tuff zone. Black breccia texture (similar black material seen at Klaza). Black breccia brecciates tuff in multiple spots of zone, enveloping pebble to cobble sized quartz and tuff clasts (trace to no pyrite found in breccia zones). Interval displays decomposed and weakly gouged zones of tuff. Quartz veins parallel to core axis present that supercede breccia present. Minor black stringers (graphite?) present throughout. Foliation of tuff ~65TCA									
						MD	BK	FR						
								BX						
						LT	GY	FO			Py		0.1	
121.48	122.50	1.02	TUF	FG	Light grey to tan volcanoclastic tuff with small (0.5cm) quartz lenses and eyes present within. ~ 65TCA foliation that is weak, but slightly wavy									
						LT	GY	PO						
						LT	TN							

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.00	4.00	3.06	77	0.00	0	OR	1H	6W	
4.00	7.00	3.00	2.95	98	0.00	0	OR	1H	1W	
7.00	10.00	3.00	2.97	99	0.54	18	1R	1H	2W	
10.00	13.00	3.00	3	100	0.24	8	1R	2H	1W	
13.00	16.00	3.00	2.94	98	1.03	34	2R	2H	1W	
16.00	19.00	3.00	3	100	0.85	28	1R	2H	1W	
19.00	22.00	3.00	2.96	99	1.61	54	1R	2H	1W	
22.00	25.00	3.00	2.97	99	0.24	8	1R	2H	1W	
25.00	28.00	3.00	2.82	94	0.00	0	1R	2H	1W	
28.00	31.00	3.00	2.98	99	0.00	0	1R	2H	1W	
31.00	34.00	3.00	3	100	0.21	7	OR	2H	1W	
34.00	37.00	3.00	2.98	99	0.46	15	OR	2H	1W	
37.00	40.00	3.00	3	100	0.48	16	OR	2H	1W	
40.00	43.00	3.00	2.67	89	0.35	12	OR	1H	1W	
43.00	46.00	3.00	2.78	93	0.43	14	1R	2H	1W	
46.00	49.00	3.00	2.7	90	0.00	0	1R	2H	1W	
49.00	52.00	3.00	2.65	88	0.28	9	1R	1H	1W	
52.00	55.00	3.00	3	100	0.10	3	1R	1H	1W	
55.00	58.00	3.00	3	100	0.00	0	1R	1H	1W	
58.00	61.00	3.00	2.93	98	0.38	13	1R	2H	1W	
61.00	64.00	3.00	3	100	0.00	0	1R	2H	1W	
64.00	67.00	3.00	2.96	99	0.00	0	OR	2H	1W	
67.00	70.00	3.00	2.76	92	0.00	0	OR	2H	1W	
70.00	73.00	3.00	2.58	86	0.00	0	1R	3H	1W	
73.00	76.00	3.00	2.97	99	0.00	0	1R	1H	1W	
76.00	79.00	3.00	2.95	98	0.00	0	1R	2H	1W	
79.00	82.00	3.00	2.98	99	0.17	6	1R	2H	1W	
82.00	85.00	3.00	2.89	96	0.13	4	1R	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
85.00	88.00	3.00	2.92	97	0.10	3	OR	3H	1W	
88.00	91.00	3.00	3	100	0.10	3	OR	2H	1W	
91.00	94.00	3.00	2.92	97	0.10	3	OR	2H	1W	
94.00	97.00	3.00	2.93	98	0.00	0	OR	2H	1W	
97.00	100.00	3.00	2.84	95	0.15	5	OR	2H	1W	
100.00	103.00	3.00	2.56	85	0.00	0	OR	2H	1W	
103.00	106.00	3.00	3	100	0.51	17	OR	3H	1W	
106.00	109.00	3.00	3	100	0.41	14	1R	2H	1W	
109.00	112.00	3.00	3	100	0.92	31	1R	2H	1W	
112.00	115.00	3.00	2.87	96	0.47	16	1R	2H	1W	
115.00	118.00	3.00	3	100	0.21	7	OR	4H	1W	
118.00	121.00	3.00	3	100	2.96	99	OR	4H	1W	
121.00	122.50	1.50	1.5	100	1.06	71	OR	4H	3W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0.3	OVB	Measured in box
1	0.41	OVB	Measured in box
2	0.42	OVB	Measured in box
3	0.26	CLS	Measured in box
4	0.36	CLS	Measured in box
5	0.31	CLS	Measured in box
6	0.18	CLS	
7	0.16	CLS	
7	0.16	CLS	
8	0.31	CLS	
9	0.35	CLS	Measured in box
10	0.2	CLS	
11	0.15	CLS	
12	0.28	CLS	
13	0.33	CLS	
14	0.36	CLS	
15	0.2	CLS	
16	0.13	CLS	
17	0.25	CLS	
18	0.16	CLS	
19	0.23	CLS	
20	0.25	CLS	
21	0.16	CLS	
22	0.26	CLS	
23	0.11	CLS	
24	0.33	CLS	
25	0.21	CLS	
26	0.42	CLS	

Depth (m)	Magnetic Susceptibility	Unit	Comments
27	0.26	CLS	
28	0.23	CLS	
29	0.43	CLS	
30	0.23	CLS	
31	0.16	CLS	
32	0.33	CLS	Measured in box
33	0.33	CLS	
34	0.18	CLS	
35	0.36	CLS	
36	0.21	SER	
37	0.15	SER	
38	0.21	CBS	
39	0.23	CBS	
40	0.21	SER	Measured in box
41	0.16	SER	
42	0.08	SER	
43	0.15	CLS	
44	0.16	CBS	
45	0.2	CBS	
46	0.25	CBS	Measured in box
47	0.2	CBS	Measured in box
48	0.3	CBS	Measured in box
49	0.33	CBS	
50	0.35	CBS	
51	0.16	CBS	Measured in box
52	0.21	CBS	
53	0.28	CBS	
54	0.36	CBS	Measured in box

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
55	0.08	CBS	
56	0.4	CBS	Measured in box
57	0.26	CBS	Measured in box
58	0.11	CBS	
59	0.43	CBS	moved to 59.15
60	0.36	CBS	moved to 60.20
61	0.28	CBS	Measured in box
62	0.11	CBS	moved to 61.85
63	0.3	CBS	moved to 63.10
64	0.23	CBS	
65	0.16	CBS	
66	0.26	CBS	
67	0.57	FLT	Measured in box
68	0.63	QBS	Measured in box
69	0.53	QBS	
70	0.42	QBS	Measured in box
71	0.16	QBS	
72	0.13	QBS	
73	0.67	QBS	
74	0.33	QBS	Measured in box
75	0.38	FLT	Measured in box
76	0.43	FLT	Measured in box
77	0.38	FLT	
78	0.31	FLT	
79	0.21	CBS	
80	0.25	CBS	
81	0.28	CBS	
82	0.18	SER	
83	0.11	SER	
84	0.26	SER	

Depth (m)	Magnetic Susceptibility	Unit	Comments
85	0.25	SER	
86	0.05	SER	
87	0.05	SER	
88	0.08	SER	
89	0.42	CBS	
90	0.03	CBS	
91	0.53	CBS	
92	0.38	CBS	
93	0.16	QMS	
94	0.16	GPS	
95	0.16	GPS	
96	0.28	QMS	
97	0.25	QMS	
98	0.11	QMS	
99	0.06	QMS	
100	0.13	QMS	
101	0.03	SER	
102	0.15	SER	
103	0.45	QMS	
104	0.11	QMS	
105	0.3	QMS	
106	0.31	QMS	
107	0.08	QMS	
108	0.1	QMS	
109	0.18	QMS	
110	0.13	QMS	
111	0.1	QMS	
112	0.11	QMS	
113	0.1	FLT	
114	0.1	FLT	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
115	0.13	FLT	
116	0.1	TUF	
117	0.08	TUF	
118	0.08	TUF	
119	0.11	TUF	
120	0.08	BXA	
121	0.11	BXA	measured in box
122	0.2	TUF	

Depth (m)	Magnetic Susceptibility	Unit	Comments
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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	W591150	<input type="checkbox"/>	17-005		SE-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591161	<input type="checkbox"/>	17-005			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591167	<input type="checkbox"/>	17-005			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591171	<input type="checkbox"/>	17-005		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591185	<input type="checkbox"/>	17-006		SE-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591190	<input type="checkbox"/>	17-006			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591251	<input type="checkbox"/>	17-006			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591257	<input type="checkbox"/>	17-006		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591138	<input type="checkbox"/>	17-004		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.00	4.00	3.00	OVB	1.39	46	W591135	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.00	5.40	1.40	CLS	1.37	98	W591136	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.40	7.75	2.35	CLS	2.35	100	W591137	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.75	10.00	2.25	CLS	2.25	100	W591139	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.00	13.00	3.00	CLS	3.00	100	W591140	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.00	16.00	3.00	CLS	3.00	100	W591141	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.00	16.00	3.00	CLS	3.00	100	W591142	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.00	19.00	3.00	CLS	3.00	100	W591143	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.00	22.00	3.00	CLS	3.00	100	W591144	<input type="checkbox"/>	17-004			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	24.00	2.00	CLS	1.96	98	W591145	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24.00	25.75	1.75	CLS	1.73	99	W591146	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.75	28.00	2.25	CLS	2.25	100	W591147	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.00	29.55	1.55	CLS	1.53	99	W591148	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29.55	31.00	1.45	CLS	1.45	100	W591149	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.00	33.67	2.67	CLS	2.58	97	W591151	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33.67	35.41	1.74	CLS	1.74	100	W591152	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
35.41	37.00	1.59	SER, CLS	1.54	97	W591153	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.00	37.77	0.77	SER	0.77	100	W591154	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.77	39.27	1.50	CBS	1.50	100	W591155	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.77	39.27	1.50	CBS	1.50	100	W591156	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
39.27	40.27	1.00	SER	1.00	100	W591157	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40.27	41.62	1.35	SER	1.31	97	W591158	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41.62	42.92	1.30	SER	1.15	88	W591159	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42.92	44.34	1.42	CLS	1.38	97	W591160	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44.34	46.00	1.66	CBS	1.66	100	W591162	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46.00	47.50	1.50	CBS	1.50	100	W591163	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47.50	49.00	1.50	CBS	1.43	95	W591164	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49.00	50.59	1.59	CBS	1.54	97	W591165	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50.59	52.00	1.41	CBS	1.38	98	W591166	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52.00	53.16	1.16	CBS	1.16	100	W591168	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53.16	54.61	1.45	CBS	1.45	100	W591169	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54.61	55.51	0.90	CBS	0.90	100	W591170	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55.51	56.94	1.43	CBS	1.43	100	W591172	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56.94	58.00	1.06	CBS	1.06	100	W591173	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	61.00	3.00	CBS	3.00	100	W591174	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	61.00	3.00	CBS	3.00	100	W591175	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
61.00	64.00	3.00	CBS	3.00	100	W591176	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64.00	66.72	2.72	CBS	2.58	95	W591177	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66.72	68.26	1.54	CBS	1.29	84	W591178	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68.26	71.10	2.84	QBS	2.16	76	W591179	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71.10	73.00	1.90	QBS	1.85	97	W591180	<input type="checkbox"/>	17-005			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73.00	74.19	1.19	QBS	1.15	97	W591181	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74.19	75.90	1.71	QBS	1.71	100	W591182	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
75.90	78.42	2.52	FLT	2.51	100	W591183	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78.42	79.72	1.30	CBS	1.29	99	W591184	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79.72	81.18	1.46	CBS	1.43	98	W591186	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81.18	82.26	1.08	CBS	1.04	96	W591187	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.26	83.86	1.60	SER	1.32	83	W591188	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83.86	85.15	1.29	SER	1.27	98	W591189	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85.15	86.35	1.20	SER	1.20	100	W591191	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.35	87.70	1.35	SER	1.35	100	W591192	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87.70	88.74	1.04	SER	0.94	90	W591193	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88.74	90.60	1.86	SER	1.81	97	W591194	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90.60	92.56	1.96	CBS	1.91	97	W591195	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90.60	92.56	1.96	CBS	1.91	97	W591196	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
92.56	94.14	1.58	CBS	1.21	77	W591197	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94.14	95.27	1.13	GPS	1.12	99	W591198	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95.27	97.03	1.76	QMS	1.76	100	W591199	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97.03	98.23	1.20	QMS	1.20	100	W591200	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98.23	100.16	1.93	QMS	1.56	81	W591252	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100.16	102.60	2.44	QMS	1.97	81	W591253	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
102.60	103.91	1.31	SER, QMS	1.28	98	W591254	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103.91	106.53	2.62	QMS	2.61	100	W591255	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106.53	108.61	2.08	QMS	2.01	97	W591256	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
108.61	109.82	1.21	QMS	1.08	89	W591258	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
109.82	112.47	2.65	QMS	2.65	100	W591259	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
112.47	113.50	1.03	QMS	1.03	100	W591260	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
113.50	114.50	1.00	FLT	1.00	100	W591261	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
114.50	117.00	2.50	FLT	2.50	100	W591262	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
114.50	117.00	2.50	FLT	2.50	100	W591263	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
117.00	119.06	2.06	TUF	2.00	97	W591264	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
119.06	120.25	1.19	TUF	1.19	100	W591265	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
120.25	121.50	1.25	BXA	1.20	96	W591266	<input type="checkbox"/>	17-006			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
121.50	122.50	1.00	TUF	1.00	100	W591267	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
7.83	8.04	VN	37	45	NUL	1	12cm quartz vein carrying secondary crosscutting carbonate stringers and veinlets. Quartz hosts blebby white to tan to brown/red carbonate within that display strong effervesence. Epidote present along between quartz vein and secondary carbonate stringers that crosscut. Quartz vein does not completely cross core.			
10.56	10.60	VT	37	65	NUL	1	4cm quartz vein within chlorite schist. Hosts brown/red carbonate blebs within that are strongly effervescent.			
12.06	12.09	VT	37	80	NUL	1	3cm quartz vein within chlorite schist. Hosts brown/red carbonate blebs within that are strongly effervescent.			
13.65	14.65	VT	37	70	NUL	7	interval of numerous quartz stringers crosscutting carbonate rich chlorite schist. Veinlets are strongly associated with brown/red carbonate, along with acicular metallic silver mineral (fine, almost like a tourmaline infill?), not sure of ID.			
16.50	22.00	ST		-	NUL	20	Minor carbonate stringers (0.1-0.5mm) found along foliation planes of chloritic schist.			
	22.00	VT	37	70	NUL	12	Chlorite schist with red/brown carbonate mottling throughout. Lenses of irregular quartz (irregular veinlets?) throughout entire interval roughly 0.2 to 1cm in width.			
21.05	21.09	VT	37	75	NUL	1	4cm thick Calcite-biotite veinlet with minor quartz. Calcite and biotite may be two different generations. Wavy shape, appears to generally follow host rock foliation.			
24.69	24.70	FD		15	NUL	1	0.5-1cm ptigmatic fold of milky quartz within weakly oxidized choritic schist. Fold is directed at 15TCA, with numerous small fold axes occuring perpendicular to 15*. Very irregular fold textures.			
25.33	25.38	VN	37	55	NUL	1	5cm thick chlorite-carbonate vein. Some carbonate oxidized to orange colour. Quite soft/broken down to clay (?) Friable brown/red quartz at lower selvedge.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
25.74	25.78	VT	37	-	NUL	1	fractured milky quartz veinlet (3.5cm) with small orange to dark brown limonitic blebs along fracture faces.			
26.04	26.10	VN	37	60	NUL	1	Quartz vein within chlorite schist that has blebs of oxidized carbonate within. Stringers and blebs throughout both chlorite schist and quartz vein.			
27.44	27.58	VN	37	80	NUL	1	Interval of 4 1-2cm quartz veins with brown to red carbonate along vein selvages and within chlorite schist.			
28.24	28.34	VT	37	35	NUL	2	two 1cm quartz veinlets hosted within fractured chloritic schist.			
30.12	30.15	VT	37	75	NUL	1	3cm quartz veinlet with mottled red/brown carbonate patches within. Hosted within fine grained and weakly oxidized chloritic schist			
30.34	30.39	VN	37	75	NUL	1	3cm quartz veinlet with mottled red/brown carbonate patches within. Hosted within fine grained and weakly oxidized chloritic schist. Vein and surrounding carbonate are oxidized pervasively with minor pits. Quartz is a dull grey colour			
35.04	35.17	VN	37	75	NUL	1	13 cm vein of dull grey to milky quartz that has been overprinted by very fine grained bands of biotite and (cannot see independent grains) and a single band of chlorite. Bands follow foliation of vein, ~70TCA			
35.18	35.43	FD		20	NUL	1	Undulating fold cutting at roughly 20TCA. Trends subparallel to foliation of normal schist foliation (60-70TCA).			
38.26	38.54	FT	42	-	NUL	1	Gouged fault within dark green to grey, moderately oxidized chlorite biotite schist with fine oxidized and limonitic stringers crossing throughout.			
39.83	40.00	ST		55	NUL	3	Three tan to yellow clay stringers with minor quartz clasts within, hosted in light to emerald green sericite schist with porphyritic clasts of carbonate/albite(?)			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
41.00	41.16	VT	37	65	NUL	3	Three fractured quartz veinlets (1cm each in width) following foliation of tan altered and weakly oxidized chlorite schist. Veining follows foliation of host rock. Trace disseminated black biotite to tourmaline (very fine, difficult to tell) found within veinlet.			
41.78	41.80	VT	37	-	NUL	1	2cm blocky quartz lens with minor cavities within.			
41.82	41.84	VT	37	40	NUL	1	2cm wide veinlets consisting of an accumulation of quartz and albite clasts with a fine light to emerald green schist infilling matrix. Hosted within a foliated medium grey sericitic tuff(?) (Schist?) with minor porphyritic albite clasts that have limonitic to tan stringers within.			
43.19	43.28	VN	37	70	NUL	1	Clay gouged quartz/chlorite vein crosscutting moderately oxidized dark green to grey chlorite biotite schist. Tan to yellow clay found along contacts of quartz/chlorite vein, with deep maroon red found along clay contact.			
43.71	43.72	VT	37	50	NUL	1	pitted quartz veinlet with minor oxidation found as very minor stain and a soft (1-1.5) deep yellow talc(??) present. Hosted within dark green to black to grey chlorite biotite schist,			
43.93	43.98	VN	37	40	NUL	1	4.5cm irregular quartz vein hosted within dark green to black chlorite biotite schist. Minor oxidation found sporadically throughout in small 1mm patches			
44.03	44.18	VN	37	40	NUL	2	Two veins found within metamorphosed dark green to black chlorite biotite schist. The first vein (44.03-44.07m) consists of grey quartz with very soft (1 hardness, scratchable by nail) deep yellow talc(??) present along selvedge of quartz (same width). Quartz carries mottled deep and vibrant orange limonitic patches. Second vein (44.13-44.15m) is soft yellow talc(??). Third is stringer of yellow soft talc found along fracture face 44.17-44.18m.			
44.18	44.30	VT	37	45	NUL	4	Stringers and veinlets of extremely soft (1 hardness, no effervescence) white talc(??) (barite? No cleavage) within patchy oxidized chlorite biotite schist.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
49.74	50.58	FD		5	NUL	1	Sub parallel undulating deformation of black chloritoid. Rare blue spheroid of sodalite(?) present (<1mm, 2 round clasts, very deep blue).			
52.49	52.52	VN	37	-	NUL	1	highly fractured quartz veinlet within biotite rich chloritoid			
53.00	53.72	FD		20	NUL	1	Sub parallel (20TCA) deformation/fold arm(?) present within highly fractured and broken down dark green chlorite biotite schist. Small white carbonate flecks present.			
53.18	53.20	VT	37	-	NUL	1	2cm quartz vein within banded and deformed dark green chloritic schist. Vein is found within piece of core that is highly fractured. 40TCA??? But not sure due to fractures. Minor orange and yellow oxide/clay present within.			
54.32	54.34	FA	64	40	NUL	1	Fold axis of acute chevron fold. One arm roughly 40TCA, while other runs perpendicular to core			
55.00	55.02	VT	37	-	NUL	1	fractured 2cm quartz vein with mottled oxide within.			
55.28	55.39	GO	34	-	NUL	1	Gouge zone of highly rubbled chlorite biotite schist. Hosts pebbly zone of deep orange oxide and limonite.			
57.45	57.55	VT	37	60	NUL	4	Four 1-1.5cm quartz veinlets within deformed chlorite biotite schist			
62.50	63.00	FD		20	NUL	1	banded dark black to green chlorite biotite schist with sub parallel bedding that displays undulating/wavy deformation folding.			
66.31	66.32	VT	37	70	NUL	1	quartz veinlet within deformed chlorite biotite schist. Minor disseminated pyrite and tan to pink carbonate within			
68.47	68.48	VT	37	70	NUL	1	1cm quartz veinlet hosted within quartz rich biotite/muscovite schist.			
72.00	72.01	VT	37	70	NUL	1	1cm quartz veinlet			
72.08	72.10	VT	37	55	NUL	1	1.5cm quartz vein that is dominantly overprinted/replaced by white calcite. Calcite has minor orange stain along crystal boundaries.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
72.08	72.13	VN	37	70	NUL	1	5cm quartz vein within highly fractured quartz biotite schist with minor chlorite alteration. Vein hosts stringers of tan carbonate			
72.79	72.85	VN	37	-	NUL	1	Quartz vein within deformed siliceous muscovite/biotite schist(?). Quartz vein hosts trace disseminated pyrite and galena, while schist matrix carries trace disseminated pyrite and pyrrhotite (magnetic)			
75.57	75.61	VT	37	50	NUL	1	4m quartz veinlet within highly clay gouged fault zone. Quartz veinlet is fractured, but not heavily			
77.62	77.69	VT	37	-	NUL	4	7cm shallow dipping quartz vein along faulted and rubbly contact. No mineralization			
77.82	77.86	VT	37	-	NUL	1	4cm quartz vein with shallow dip. Highly fractured so attitude not possible to record. Found along lower contact of highly gouged/sandy/rubbly zone of chloritic sand (fault zone?)			
78.12	78.26	VN	37	-	NUL	1	fractured ~12(?) cm white quartz vein found along upper contact of rubbly clay gouged quartz carbonate rich chlorite biotite schist			
80.58	80.60	VT	37	-	NUL	1	fractured quartz vein within fractured chlorite biotite schist. No attitude due to fractures			
81.90	81.92	VT	37	-	NUL	1	1.5cm quartz vein hosted within quartz sheeted sericite schist. Quartz vein is highly fractured so attitude is not possible. Vein hosts mass of galena, honey brown sphalerite, pyrite, chalcopyrite (?) within entire vein as a singular mass. Galena ~70%, Py ~6%, Sphalerite ~20%			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
83.09	83.15	VN	37	-	NUL	1	*Polymetallic massive sulphide vein* 6cm wide quartz vein zone within quartz sericite altered schist that has been ground/spun by drill (attitude and true width of vein unknown). Vein zone hosts mass (not euhedral or independent mineral clasts) of fine galena, honey brown sphalerite, pyrite, chalcopyrite and bornite (?? - purple to blue peacock colouration on surface, even after HCL wash). Vein is found within strongly sericite altered (very waxy) schist that has undergone minor silicification to give it minor quartz sheeting. Resembles massive sulphide veining. Quartz vein hosting disseminated pyrite found along lower contact (See next secondary structure). Galena - 30% Sp - 7% Py - 2% Cp - 1% Bn - 6%			
83.15	83.19	VT	37	-	NUL	1	fractured white quartz vein hosting disseminated pyrite within (3%). Found along lower contact of polymetallic vein.			
83.93	83.97	VT	37	-	NUL	1	Fractured and rubbled quartz vein due to spun/ground core zone. 2-3cm wide by look of fracture. Chlorite on lower contact carries large euhedral pyrite, but quartz is not mineralized			
84.52	84.53	ST		70	NUL	1	pyrite stringer within chlorite biotite schist. Along upper contact of highly rubbled and gouged fault zone			
84.55	85.15	FT	42	-	NUL	1	intensely gouged and rubbly chlorite biotite schist fault zone with minor quartz within.			
85.15	85.25	VN	37	60	NUL	1	10cm milky white quartz vein with no apparent mineralization. Found along contact between faulted chlorite biotite schist and quartz sericite schist zone.			
85.47	85.48	ST		70	NUL	1	Sulphide stringer of disseminated pyrite and galena following foliation of quartz rich sericite schist. Not part of definitive quartz vein, as opposed to quartz flood along foliation			
86.34	86.38	VT	37	70	NUL	1	Sulphide veinlet of disseminated pyrite and galena following foliation of quartz rich sericite schist. Not part of definitive quartz vein, as opposed to part of quartz flood. Py 15%, Gn 10%			



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
87.53	87.56	GO	34	-	NUL	1	Micro faulted clay seam with rubbly quartz and sericite schist			
87.56	87.63	VN	37	70	NUL	1	Sulphide veinlet of disseminated pyrite and galena following foliation of quartz rich sericite schist. Not part of definitive quartz vein, as opposed to part of quartz flood. Py 15%, Gn 10%. Mint green colouration present in sericite schist. Gouged clay seam (4cm) found along upper contact			
87.93	88.14	GO	34	-	NUL	1	Strongly gouged fault of sericite schist and chlorite biotite schist. Contact between two units found at 88.10			
89.53	89.65	VN	37	-	NUL	1	fractured quartz vein found within chlorite biotite schist. No mineralization within			
89.73	89.75	VT	37	65	NUL	1	2cm quartz vein with chloritized clay gouge found within quartz carbonate chlorite biotite schist			
89.90	89.93	GO	34	-	NUL	1	3cm chlorite biotite schist gouge zone that carries up to pebble sized quartz clasts within			
91.13	91.17	VN	37	75	NUL	1	irregular shaped quartz vein with white /pink (rhodochrosite?) and yellow (ankerite?) carbonate found along selvages and in minor clasts within vein. Hosts euhedral pyrite along selvages of vein (3%).			
94.00	94.16	GO	34	-	NUL	1	16cm gouged zone of quartz muscovite (grey) schist with quartz found between graphitic schist unit.			
97.06	97.12	GO	34	-	NUL	1	gouge zone of medium grey muscovite quartz schist along upper contact of graphitic breccia			
97.12	97.45	BX	34	30	NUL	1	grey quartz muscovite schist zone that has been brecciated and highly deformed by dark grey to black graphitic schist(?). Graphitic schist does not bear any definitive sulphide. 4cm quartz vein trapped within graphite breccia that carries an orange clay around selvages of vein ~1mm thick.			
98.42	98.50	GO	34	70	NUL	1	gouged zone of quartz to graphitic schist with quartz clasts up to cobble size found within. Quartz vein along lower contact that has been obliterated and clasts scattered amongsts gouge.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
100.18	100.35	VN	37	-	NUL	1	gractureed quartz vein foun along upper contact of gouged quartz muscovite (light grey) schist. Contains a quartz fragment that hosts blebby pyrite (overall, 3%)			
100.35	101.00	GO	34	0	NUL	1	gouged zone of quartz muscovite schist with a 10cm siliceous quartz zone that hosts disseminated pyrite and galena throughout.			
101.78	101.79	VT	37	70	NUL	1	1cm quartz veinlet within quartz muscovite schist			
102.52	102.60	VN	37	75	NUL	1	8cm unminearalized quartz vein with minor carbonate stringers within.			
102.79	102.83	VN	37	70	NUL	1	4cm quartz vein hosted within chlorite biotite schist.			
103.84	103.87	VT	37	70	NUL	1	irregular quartz carbonte vein within moderately chlorite altered schist. Lense ranges from 1 - 3cm wide with white carbonate found along upper and lower selvedges.			
104.23	106.57	VT	37	75	NUL	8	Eight ~1-2cm wide clear quartz veins within chloritic quartz muscovite schist. No definitive sulphide present within veinlets			
105.72	105.73	VT	37	25	NUL	1	Secondary 1cm milky white quartz vein. Vein crosscuts a 1cm quartz vein that is 75TCA			
109.86	110.00	VN	37	70	NUL	1	14cm clear quartz vein within chloritic biotite/muscovite schist. Quartz vein hosts second generation of milky quartz in small patches, along with patchy chlorite and biotite. Trace pyrite disseminated within (0.1%)			
110.00	112.70	ST		-	NUL	50	Numerous white quartz stringers that cross chloritic schist in parallel stringers. Secondary stringers feed from parallel (90TCA) stringers that run parallel to core axis. No mineralization present.			
	111.75	VT	37	60	NUL	4	four 2-3cm wide irregularly shaped clear quartz veinlets. Quartz veinlets carry sporadic white carbonate/quartz in patches within. No mineralization present.			
110.15	112.50	ST		45	NUL	5	Five 1cm wide white quartz veinlets to stringers ranging from 0.5-1.5cm wide crosscutting chlorite altered quartz biotite to muscovite schist			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
110.36	110.39	VT	37	30	NUL	1	white quartz vein within moderately chlorite altered biotite schist			
113.81	113.98	BX	34	-	NUL	1	slightly rubbly quartz vein that is brecciating weakly sericitic quartz muscovite schist, graphitic seams and minor tuff. Trace disseminated pyrite found within (0.1%)			
120.12	120.30	VN	37	80	NUL	2	Two 5cm quartz veins running perpendicular to core axis within brecciated tuff zone. Quartz veins are fractured and re-healed, but do not host mineralization. Muscovite present along selvages.			
120.63	120.82	BX	34	50	NUL	1	10cm white quartz vein that has been brecciated by black graphite(?). Brecciation carries clasts of quartz and rubbly tuff. Pink veining (potassic dyke??) found alongside veining. Detailed photo taken			
121.33	121.41	BX	34	60	NUL	1	Black breccia found within volcanoclastic tuff. Black biotite or graphite(?) envelops pebble to cobble sized clasts of volcanoclastic felsic tuff and quartz that ranges from clear to white to dark grey. Gouged tuff found along upper selvedge. No mineralization			
121.41	121.47	VN	37	70	NUL	2	Two quartz veins found along lower selvedge of black breccia zone. Hosted within siliceous volcanoclastic felsic tuff. Minor brecciation with surrounding tuff. Trace disseminated pyrite present (0.1%)			

# Trident - Trident

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		519734	7047926	825	134

**ZONE:** Exploits

**SECTION:** SE-17-005 Section

**HOLE:** SE-17-005

**CLAIM:** \_\_\_\_\_

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 80m, Out

Drilling Dates: Sep 01 - Sep 07, 2017

Geology Logged By: W. Kelson

SURVEY			
Depth (m)	Azimuth	Dip	Method
13	38.3	-48.1	Reflex
133	49.4	-54.7	Reflex

**TARGET:** Exploits Zone

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	8.17	8.17	OVB
8.17	12.94	4.77	CBS
12.94	17.42	4.48	GPS
17.42	18.3	0.88	SER
18.3	24.37	6.07	CLS
24.37	30.31	5.94	CBS
30.31	47.37	17.06	CLS
47.37	48.63	1.26	CLS
48.63	70.76	22.13	CBS
70.76	107.68	36.92	SER
107.68	111.15	3.47	CBS
111.15	114.65	3.5	SER
114.65	118.23	3.58	GPS
118.23	130.23	12	CLS
130.23	134	3.77	GPS

SAMPLES	
Numbers:	W591244 to W591250, W591268 to W591340
Total:	80
Batch:	008, 009, 010
Certificates:	

COMMENTS

Box Number	From (m)	To (m)
1	0	3
2	3	6.03
3	6.03	9.3
4	9.3	12.85
5	12.85	16.44
6	16.44	19.58
7	19.58	22.58
8	22.58	25.85
9	25.85	29.35
10	29.35	33.35
11	33.35	36.98
12	36.98	40
13	40	43
14	43	46.15
15	46.15	49.31
16	49.31	52.13
17	52.13	55.45
18	55.45	58.43
19	58.43	61.5
20	61.5	64.51
21	64.51	67.26
22	67.26	70.76
23	70.76	76.12
24	76.12	79.59
25	79.59	82.54
26	82.54	85.39
27	85.39	88.48
28	88.48	91
29	91	94.4

Box Number	From (m)	To (m)
30	94.4	97.45
31	97.45	100.44
32	100.44	103.62
33	103.62	106.35
34	106.35	109.23
35	109.23	112.3
36	112.3	115.44
37	115.44	118.42
38	118.42	121.41
39	121.41	124.54
40	124.54	127.81
41	127.81	130
42	130	133
43	133	134

Box Number	From (m)	To (m)
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Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
SE-17-005									
	10.93	8	HQ	CBS	683.8	416.9	2.92	2.6	chlorite schist w/ red carbonate
	14.95	4	HQ	GPS	320.2	189	2.74	2.4	oxidized chlorite schist
	17.95	7	HQ	SER	527.1	316.5	2.58	2.5	oxidized, pitted chlorite schist
	19.06	12	HQ	CLS	1035.1	651.2	2.95	2.7	oxidized chlorite schist
	20.82	6	HQ	CLS	459.9	282.1	2.62	2.6	oxidized chlorite schist
	23.61	8	HQ	CLS	879.2	543.1	3.76	2.6	oxidized chlorite schist
	24.78	8	HQ	CBS	706	634.8	3.02	9.9	chlorite schist w/ quartz veinlets
	28.11	8	HQ	CBS	718.9	444.2	3.07	2.6	quartz vein
	34.38	13	HQ	CLS	862	481	2.27	2.3	Chlorite biotit schist
	56.03	10	HQ	CBS	767.3	407.9	2.63	2.1	Chlorite biotite schist with quartz and carbonate brecciating CLS for 6cm.
	58.7	16	HQ	CBS	1281.2	823.4	2.74	2.8	chlorite schist with epidote (?)
	66.75	5	HQ	CBS	495.4	319.3	3.39	2.8	chlorite biotite schist
	70.4	5	HQ	CBS	521.5	333	3.57	2.8	chlorite biotite schist with minor pitting
	73.25	4	HQ	SER	365.9	221.1	3.13	2.5	sericite schist with disseminated pyrite, galena (?)
	77.05	8	HQ	SER	653.4	403.4	2.79	2.6	quartz vein with disseminated sulphides
	81.95	5.5	HQ	SER	481.2	365.4	2.99	4.2	
	89.25	8.5	HQ	SER	681.7	390.1	2.74	2.3	sericite schist with quartz flooding
	89.95	13	HQ	SER	987.7	532.8	2.6	2.2	quartz vein
	92	4.5	HQ	SER	490	308.7	3.73	2.7	quartz vein with chlorite along contact, hosting pyrite and galena
	97.6	12	HQ	SER	1067	667.4	3.04	2.7	quartz vein
	102.25	11.5	HQ	SER	1005.4	614.3	2.99	2.6	quartz rich sericite schist with pyrite and galena

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm <sup>3</sup> )	Specific Gravity	Comments
	109.85	11	HQ	CBS	1074.5	667.5	3.34	2.6	chlorite biotite schist with pyrite
	111.63	8.5	HQ	SER	652	388.4	2.62	2.5	quartz flood sericite schist with pyrite and galena
	115.35	11	HQ	GPS	949.6	601.1	2.95	2.7	siliceous graphite schist
	117.65	11	HQ	GPS	948.8	579.1	2.95	2.6	quartz flooded graphite schist
	124.8	16	HQ	CLS	1478.5	974.3	3.16	2.9	graphite schist with mottle carbonate
	129.85	10	HQ	CLS	883.9	541.3	3.02	2.6	chlorite schist with carbonate stringers
	132.05	5.5	HQ	GPS	566.7	345.6	3.53	2.6	graphite schist with carbonate stringers

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
8.17	12.94	4.77	CBS	FG	Fractured chlorite biotite schist found at surface. Mixed with highly saturated mud and organics							
						MD	BK	RB	OXI	2I		
						DK	GN	FR	CHL	3I		
15.19	16.67	1.48	QMS	FG	highly fractured and rubbly quartz muscovite schist with patchy biotite. Displays trace to weak chloritic overprinting. Deep orange limonitic pits seen throughout. Weak oxidation present							
						MD	GN	RB	CHL	2I		
						LT	GN	FR	CHL	1I		
									OXI	1I		
									OXI	2I		
16.67	17.42	0.75	GPS	FG	Gouged to highly fractured graphitic schist with patchy oxidized limonite present along fracture faces							
						MD	BK					
						MD	OR					
17.42	18.30	0.88	SER	FG	Weakly to moderately oxidized light to medium grey to white quartz rich sericite to muscovite schist. Unit carries limonitic to deep brown oxidation throughout. Pits present within, found throughout entire interval. Oxidation is weakly pervasive. Colour has bleached white to grey to orange appearance. Foliation at 75TCA. Gouged zone found along upper 20cm.							
						MD	OR		SER	3I		
						MD	WH					
						MD	GY		OXI	3I		
						LT	OR	FR	SER	2I		
						LT	GY		OXI	2I		



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
20.50	24.37	3.87	CLS	FG	Interval of highly fractured chlorite muscovite schist with minor biotite. Chlorite schist carries mottled to speckled clasts of weak to moderately oxidatino throughout entire interval and is weakly pervasive. Oxidation also present in patches. Schist carries quartz lenses throughout chlorite schist, and is overprinted with minor carbonate alteration that is oxidized to deep orange. Disseminated pyrite is carried throughout. Contains interval tahta appears more igneous (?) / intrusive (?) in texture and is moderately magnetic with magnetite clasts within. Interval is moderately magnetic and appears more igneous in texture (?)							
						MD	GN		CHL	3I		
						LT	GN	FO	CHL	2I	Mg	
26.10	27.50	1.40	FLT	FG	Chloritic schist fault zone. Highly gouged							
						MD	GN	GO	CHL	3I		
						MD	GY					
						LT	GN					
27.50	27.60	0.10	SCH	FG	Swollen mica schist with mass of hornblende/acicular (needle like) biotite and fine chlorite.							
						MD	GN					
41.00	41.87	0.87	CLS	FG	Sub parallel foliated chlorite schist that displays wavy to undulating folds (15TCA)							
						MD	GN	FO	CHL	2I		
						DK	GN		CHL	3I		
47.37	48.63	1.26	CLS	FG	Finely laminated chlorite altered sericite quartz muscovite schist with a thick clay infill that covers entire interval. Alteration and gouging gives an olive greent to yellow colour. Foliation is ~45TCA, with ends of interval reducing to 10TCA. Clay orange coloured clay gouge present at end of interval. Fine disseminated pyrite found within more competent sericite schist interval.							
						MD	GN	FR	SER	2I	Py	
						LT	GN		SER	3I		
						LT	GY		CHL	2I		
									CHL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.00	59.50	1.50	U	FG	Light to medium green to medium tan chloritic volcaniclastic unit(?). Unit displays numerous recurring eyes and clasts of quartz and carbonate throughout, along with weakly aligned and slightly/banded chlorite, quartz and biotite. Foliation is very weak. Carries interval of more tan altered tuffaceous(?) rock along lower part of unit (59.30-59.50). Banding/weak foliation ~60TCA. Highly competent							
						MD	GN	AN				
						MD	TN					
						LT	GN	FO				
						LT	TN	BN				
60.05	60.09	0.04	FLT	--	Highly gouged chlorite schist (micro fault)							
						MD	GN	RB	CHL	3I		
						DK	GN	GO	CHL	4I		
64.06	66.35	2.29	FLT	--	Intensely gouged and rubbly zone of chlorite biotite schist with clay seams and alteration within. Clay carries pervasive oxidation. Quartz, clay oxide clasts and chlorite biotite schist present throughout gouge zone.							
						MD	GN	GO	CHL	3I		
						MD	OR		CLY	3I		
						MD	TN					
						LT	OR					
						DK	GN	RB	CHL	4I		
67.90	68.53	0.63	FLR	--	gouged and decomposed chlorite biotite schist. Zones of clay found within. Cobble sized quartz clasts throughout rubbled areas.							
						MD	GN	RB	CHL	4I		
						DK	GN	GO				
70.76	76.12	5.36	SER	FG	Zone of intensely altered quartz sericite schist. Interval is intensely rubbled due to drill coring incident (broken crown of drill bit on bottom ground core during recovery). Zone is very waxy due to sericite alteration. Quartz veins present within that are fractured. Both quartz veining and sericitized schist hosts disseminated pyrite, galena, tenantite(?). Small 6cm interval of quartz rich chlorite schist within that hosts blebby pyrite.							
						MD	OR	RB	SIL	2I		
						MD	GY	GO	SER	5I	Gn	0.5
						MD	GN					
						LT	GY	FR	SER	4I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	OR	BN	SIL	3I		
						LT	GN					
78.61	79.00	0.39	SER	--	Gouged sericite schist zone that carries pebbly sized clasts of quartz and mint green sericite schist within. Sandy/gritty texture to gouge.							
						LT	GN	GO	SER	5I		
						LT	GY					
80.60	81.75	1.15	SER	FG	Sericite schist zone that has been strongly quartz flooded/replaced. Along foliation planes (55*TCA), anastomosing fine yellow to orange clay is present that infills planes. Large quartz clasts/lenses/eyes present throughout. Very distinct quartz sheeting.							
						LT	GY	FO	SIL	3I	Py	1.5
						LT	OR	BN	SIL	4I	Gn	0.5
						LT	YW					
83.61	85.00	1.39	SER	--	Interval of intensely rubbled and gouged quartz sericite schist. Rubbly zone carries pebble to cobble sized remnants of within. Gouge zone is partially healed, with firm clay holding material together. Quartz and sericite clasts found throughout.							
						LT	GY	RB	SIL	3I		
						LT	GN	GO	SER	5I	Py	1
									SIL	4I		
91.33	92.03	0.70	CLS	FG	Sericitized schist with weak to moderate chlorite overprinting, giving interval a medium green hue. Carries disseminated pyrite that follows foliation throughout entire interval. Quartz carbonate veins present within that host pyrite and galena. Foliation 45TCA							
						MD	GN	FO	CHL	2I	Py	2
						LT	GN		CHL	3I	Gn	2
						LT	GY		SER	2I		
98.63	98.86	0.23	FLT	FG	23cm fault zone within sericite schist zone. Fault zone carries 3cm quartz vein and 2cm carbonate vein, which are rubbly/. Clay infill between rubbled quartz. ~30TCA							
						LT	GY	RB	CLY	3I	Py	1
									SER	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
107.68	111.15	3.47	CBS	FG	Fine grained chlorite biotite schist that displays thin foliation (1-2mm spacing) at 55TCA. Chlorite biotite schist unit displays weak to moderate mottled epidiotitic alteration. Alteration is patchy throughout unit. Irregular lenses and veinlets of quartz with white carbonate are seen throughout unit, typically following foliation. Disseminated euhedral pyrite throughout entire unit.							
						MD	GN	FO	CHL	3I	Py	1
						MD	BK		EPI	2I		
						DK	GN		CHL	4I		
									EPI	3I		
111.15	114.65	3.50	SER	FG	Weakly siliceous chlorite sericite schist. Foliation 60TCA with fine foliation layers. Disseminated pyrite found disseminated throughout entire unit. Sericite ranges from weak grey to strong mint green colour in patches, with trace chlorite overprinting throughout the entire unit. Rare quartz eyes (0.5cm) scattered across unit. Small carbonate (rhodochrosite and white carbonate) stringers present within							
						MD	GN		CHL	2I		
						LT	GY	FO	SER	2I	Py	1
						LT	GN		CHL	1I	Rh	1
									SER	3I		
									SIL	2I		
115.03	115.44	0.41	GPS	FG	Light grey weakly siliceous quartz graphite zone, where small graphite fingers are found within quartz rich schist. Transitions to full graphitic schist with depth. Trace chloritic overprinting							
						LT	GY	FO	SIL	2I		
									SIL	3I		
									CHL	1I		
119.92	120.49	0.57	GPS	FG	Fine grained highly fractured interval of dark grey to black graphitic schist. Carries white quartz veinlets and veins within.							
						MD	GY	FR				
						MD	BK					
						DK	GY					
124.65	124.83	0.18	GPS	FG	Small zone of graphitic schist that has been pervasively intruded by white quartz and minor carbonate. Forms a slightly mottled to brecciated texture, but not brecciation.							
						MD	BK					
						MD	GY				Py	1

Conc.	
Mineral	
Intensity	
Alteration	
Texture	
Colour	GY
Shade	DK
Description	
Grain Size	
Rock Type	
Interval (m)	
To (m)	
From (m)	

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
8.17	12.94	4.77	CBS	FG	Fractured chlorite biotite schist found at surface. Mixed with highly saturated mud and organics	DK	GN	FR	CHL	3I		
						MD	BK	RB	OXI	2I		
12.94	17.42	4.48	GPS	FG	Seam of graphitic schist that is highly fractured. Graphitic schist has mottled and pervasive patches of limonitic oxidation present throughout, found in pits, along fracture faces and as minor gouge. Small weathered out cavities present throughout. Biotite present in schist. Foliation and banding seen both at 60TCA. Minor quartz within as small lenses (1cm). Highly fractured with gouged intervals within	MD	OR					
						MD	BK					
						DK	BK					
17.42	18.30	0.88	SER	FG	Weakly to moderately oxidized light to medium grey to white quartz rich sericite to muscovite schist. Unit carries limonitic to deep brown oxidation throughout. Pits present within, found throughout entire interval. Oxidation is weakly pervasive. Colour has bleached white to grey to orange appearance. Foliation at 75TCA. Gouged zone found along upper 20cm.	LT	OR	FR	SER	2I		
						MD	WH					
						MD	GY		OXI	3I		
						LT	GY		OXI	2I		
						MD	OR		SER	3I		
18.30	24.37	6.07	CLS	FG	Interval of highly fractured chlorite muscovite schist with minor biotite. Chlorite schist carries mottled to speckled clasts of weak to moderately oxidized throughout entire interval and is weakly pervasive. Oxidation also present in patches. Schist carries quartz lenses throughout chlorite schist, and is overprinted with minor carbonate alteration that is oxidized to deep orange. Disseminated pyrite is carried throughout. Contains interval that appears more igneous (?) / intrusive (?) in texture and is moderately magnetic with magnetite clasts within.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	FR	CHL	2I	Py	0.1
									OXI	2I		
						MD	OR		OXI	1I		
						LT	GN		CHL	3I	Mg	1
24.37	30.31	5.94	CBS	FG	Chlorite biotite schist that displays quartz veins and veinlets sporadically throughout. Brown to red carbonate present within in patches. Faulted gouge zone present.							
						MD	GN	FR	CHL	3I		
						DK	GN	GO				
47.37	48.63	1.26	CLS	FG	Finely laminated chlorite altered sericite quartz muscovite schist with a thick clay infill that covers entire interval. Alteration and gouging gives an olive green to yellow colour. Foliation is ~45TCA, with ends of interval reducing to 10TCA. Clay orange coloured clay gouge present at end of interval. Fine disseminated pyrite found within more competent sericite schist interval.							
									CHL	3I		
						MD	GN	FR	SER	2I	Py	1
						LT	GN		SER	3I		
						LT	GY		CHL	2I		
48.63	70.76	22.13	CBS	FG	Fine grained chlorite biotite schist with thin foliation at 60-65TCA. Highly fractured and gouged zones (fault zones) present that are pulverized to small grains that range from 1mm to pebble in size. Zone of more volcanoclastic chlorite schist present that is a lighter green with patches of tan, and carries numerous lenses and eyes of quartz/carbonate throughout. Gouged and faulted zones are gritty, with sandy to clay composition and carry clasts throughout. Minor hematite found along fracture faces							
						DK	GN	FR	CHL	3I		
						MD	GN	FO	CHL	2I	He	0.1
						MD	TN	RB	CHL	5I		
						MD	GY	GO	CHL	4I		
									CLY	3I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
70.76	107.68	36.92	SER	FG	<b>**Exploits Zone Target**</b> 40m zone of intensely sericite altered muscovite schist with recurring zones of sheeted/flooded quartz. Sericite alteration is highly pervasive and gives a waxy feel, with colouration ranging from pale white to grey, to soft minty green. Sericite schist is fractured intensely, with fractures following along foliation (40 to 50TCA). Milky white quartz veins found throughout, ranging from 5 to 65cm wide, that vary from highly fractured to competent. Bands of sulphide (pyrite, galena, tetrahedrite?) and occur within both grey to green sericite schist and quartz sheeted sericite schist throughout entire zone, but are not confined to classic quartz veining (Quartz flooding/sheeting explains lack of classic veining?). a tan to orange coloured anastomosing fine clay occurs in rare intervals following trend of foliation. Gouged and rubbly zones within where faulting has occurred. Sporadic quartz eyes present scattered heterogeneously throughout interval. Minor chlorite alteration becomes prevalent in patches, but is rare and typically less than 30cm.							
						LT	GN	BN	SIL	4I		
						MD	GY	FR	SER	4I	Gn	1
						MD	WH	RB	SIL	3I	Cp	1
						LT	OR					
						LT	GY	FO	SER	3I	Py	1
						LT	WH	GO	SER	5I	Sp	1
107.68	111.15	3.47	CBS	FG	Fine grained chlorite biotite schist that displays thin foliation (1-2mm spacing) at 55TCA. Chlorite biotite schist unit displays weak to moderate mottled epidotitic alteration. Alteration is patchy throughout unit. Irregular lenses and veinlets of quartz with white carbonate are seen throughout unit, typically following foliation. Disseminated euhedral pyrite throughout entire unit.							
						MD	GN	FO	CHL	3I	Py	1
						DK	GN		CHL	4I		
						MD	BK		EPI	2I		
									EPI	3I		



From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description							
						Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
111.15	114.65	3.50	SER	FG	Weakly siliceous chlorite sericite schist. Foliation 60TCA with fine foliation layers. Disseminated pyrite found disseminated throughout entire unit. Sericite ranges from weak grey to strong mint green colour in patches, with trace chlorite overprinting throughout the entire unit. Rare quartz eyes (0.5cm) scattered across unit. Small carbonate (rhodochrosite and white carbonate) stringers present within							
						LT	GN		CHL	1I	Rh	1
									SIL	2I		
						MD	GN		CHL	2I		
						LT	GY	FO	SER	2I	Py	1
									SER	3I		
114.65	118.23	3.58	GPS	FG	Weakly banded and foliated quartz graphite schist that transitions completely to graphitic schist with depth. Graphitic schist carries lenses, bands and veinlets of quartz throughout entire unit. Foliation 60TCA. Minor patches of disseminated pyrite found within that are found along foliation planes.							
						MD	GY	FO			Py	1
						DK	GY	FR				
						LT	GY					
130.23	134.00	3.77	GPS	FG	Fine grained black to dark grey graphitic schist with minor quartz veinlets and carbonate stringers. Fractured and rubbly throughout. Intermittent zone of weakly chloritic schist within.							
						MD	GY	FR	CHL	2I	Py	0.1
						DK	GY	RB				
						MD	BK					

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.00	1.00	1	100	0.00	0	OR	--	6W	
1.00	4.00	3.00	3	100	0.00	0	OR	--	6W	
4.00	7.00	3.00	3	100	0.00	0	1R	--	6W	
7.00	10.00	3.00	3	100	0.00	0	1R	1H	1W	
10.00	13.00	3.00	2.95	98	0.00	0	1R	2H	1W	
13.00	16.00	3.00	2.73	91	0.00	0	OR	1H	1W	
16.00	19.00	3.00	2.81	94	0.00	0	OR	1H	1W	
19.00	22.00	3.00	2.71	90	0.36	12	2R	2H	1W	
22.00	25.00	3.00	2.59	86	0.15	5	2R	2H	1W	
25.00	28.00	3.00	2.48	83	0.23	8	1R	1H	1W	
28.00	31.00	3.00	2.22	74	0.00	0	1R	2H	1W	
31.00	34.00	3.00	2.08	69	0.00	0	1R	2H	1W	
34.00	37.00	3.00	2.32	77	0.23	8	1R	2H	1W	
37.00	40.00	3.00	2.92	97	0.16	5	1R	2H	1W	
40.00	43.00	3.00	2.81	94	0.00	0	1R	1H	1W	
43.00	46.00	3.00	2.62	87	0.12	4	OR	1H	1W	
46.00	49.00	3.00	2.74	91	0.00	0	1R	2H	1W	
49.00	52.00	3.00	2.79	93	0.12	4	1R	2H	1W	
52.00	55.00	3.00	2.89	96	0.11	4	1R	2H	1W	
55.00	58.00	3.00	3	100	0.71	24	1R	2H	1W	
58.00	61.00	3.00	2.85	95	1.07	36	1R	2H	1W	
61.00	64.00	3.00	2.66	89	0.69	23	1R	2H	1W	
64.00	67.00	3.00	3	100	0.00	0	1R	1H	1W	
67.00	70.00	3.00	2.98	99	0.00	0	1R	2H	1W	
70.00	73.00	3.00	2.3	77	0.00	0	1R	2H	1W	
73.00	76.00	3.00	1.21	40	0.00	0	OR	3H	1W	
76.00	79.00	3.00	2.48	83	0.00	0	OR	2H	1W	
79.00	82.00	3.00	3	100	0.10	3	OR	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
82.00	85.00	3.00	3	100	0.00	0	OR	2H	1W	
85.00	88.00	3.00	3	100	0.00	0	OR	2H	1W	
88.00	91.00	3.00	3	100	0.14	5	OR	2H	1W	
91.00	94.00	3.00	2.81	94	0.00	0	OR	2H	1W	
94.00	97.00	3.00	3	100	0.10	3	OR	2H	1W	
97.00	100.00	3.00	3	100	0.00	0	OR	2H	1W	
100.00	103.00	3.00	2.95	98	0.36	12	OR	3H	1W	
103.00	106.00	3.00	3	100	0.00	0	OR	3H	1W	
106.00	109.00	3.00	3	100	0.41	14	1R	2H	1W	
109.00	112.00	3.00	3	100	0.72	24	1R	2H	1W	
112.00	115.00	3.00	3	100	0.85	28	OR	3H	1W	
115.00	118.00	3.00	3	100	0.81	27	OR	3H	1W	
118.00	121.00	3.00	3	100	0.37	12	OR	2H	1W	
121.00	124.00	3.00	3	100	0.64	21	OR	2H	1W	
124.00	127.00	3.00	3	100	1.10	37	1R	2H	1W	
127.00	130.00	3.00	3	100	1.63	54	1R	2H	1W	
130.00	133.00	3.00	3	100	0.23	8	1R	2H	1W	
133.00	134.00	1.00	0.71	71	0.00	0	OR	1H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0.33	OVB	Measured in box
1	0.38	OVB	Measured in box
2	0.35	OVB	Measured in box
3	0.1	OVB	
4	0.33	OVB	Measured in box
5	0.18	OVB	Measured in box
6	0.45	OVB	Measured in box
7	0.52	OVB	Measured in box
8	0.28	OVB	Measured in box
9	0.47	CBS	Measured in box
10	0.16	CBS	
11	0.18	CBS	
12	0.2	CBS	
13	0.03	GPS	
14	0.06	GPS	At 14.5m
15	0.06	GPS	
16	0	GPS	
17	0.11	GPS	at 17.5m
18	0.04	SER	
19	0.13	CLS	
20	0.23	CLS	
21	0.15	CLS	
22	0.03	CLS	
23	8.38	CLS	
24	0.13	CLS	at 24.3
25	0.25	CBS	
26	0.16	CBS	at 25.8
27	0.13	CBS	

Depth (m)	Magnetic Susceptibility	Unit	Comments
28	0.03	CBS	
29	0.15	CBS	
30	0.13	CBS	at 29.7
31	0.25	CLS	
32	0.11	CLS	at 32.2
33	0.31	CLS	
34	0.28	CLS	
35	0.33	CLS	
36	0.32	CLS	
37	0.26	CLS	
38	0.38	CLS	
39	0.33	CLS	
40	0.3	CLS	
41	0.21	CLS	
42	0.2	CLS	
43	0.35	CLS	
44	0.25	CLS	
45	0.38	CLS	
46	0.23	CLS	
47	0.28	CLS	
48	0.25	CLS	
49	0.28	CBS	
50	0.25	CBS	
51	0.06	CBS	
52	0.01	CBS	
53	0.28	CBS	
54	0.23	CBS	
55	0.25	CBS	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
56	0.47	CBS	
57	0.23	CBS	
58	0.21	CBS	
59	0.4	CBS	
60	0.53	CBS	
61	0.45	CBS	
62	0.47	CBS	
63	0.35	CBS	
64	0.25	CBS	
65	0.62	CBS	Measured in box
66	0.3	CBS	Measured in box
67	0.23	CBS	
68	0.18	CBS	Measured in box
69	0.33	CBS	Measured at 68.85m
70	0.57	CBS	Measured in box
71	0.65	SER	Measured in box
72	0.48	SER	Measured in box
73	0.03	SER	measured 73.25
74	0.36	SER	Measured in box
75	0.6	SER	Measured in box
76	0.3	SER	Measured in box
77	0	SER	
78	0.03	SER	
79	0.58	SER	Measured in box
80	0.08	SER	
81	0.09	SER	
82	0.05	SER	
83	0.15	SER	Measured in box
84	0.35	SER	Measured in box
85	0.06	SER	

Depth (m)	Magnetic Susceptibility	Unit	Comments
86	0.07	SER	
87	0.01	SER	
88	0.18	SER	
89	0.17	SER	
90	0.05	SER	
91	0.16	SER	
92	0.08	SER	
93	0.03	SER	
94	0.05	SER	Measured in box
95	0.15	SER	
96	0.38	SER	Measured in box
97	0.13	SER	
98	0.1	SER	
99	0.2	SER	
100	0.01	SER	
101	0.02	SER	
102	0.01	SER	
103	0.08	SER	
104	0.05	SER	
105	0.21	SER	
106	0.3	SER	
107	0.06	SER	
108	0.45	CBS	
109	0.38	CBS	
110	0.58	CBS	
111	0.15	CBS	
112	0.03	SER	
113	0.43	SER	
114	0.2	SER	
115	0.06	GPS	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
116	0.23	GPS	
117	0.3	GPS	
118	0.05	GPS	
119	0.26	CLS	
120	0.1	CLS	
121	0.16	CLS	
122	0.67	CLS	
123	0.52	CLS	
124	0.48	CLS	
125	0.58	CLS	
126	0.38	CLS	
127	0.63	CLS	
128	0.67	CLS	
129	0.73	CLS	
130	0.31	CLS	
131	0.5	GPS	Measured in box
132	0.2	GPS	
133	0.34	GPS	
134	0.31	GPS	

Depth (m)	Magnetic Susceptibility	Unit	Comments
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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	W591277	<input type="checkbox"/>	17-008			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591283	<input type="checkbox"/>	17-008			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591288	<input type="checkbox"/>	17-008		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591298	<input type="checkbox"/>	17-008		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591307	<input type="checkbox"/>	17-010			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591312	<input type="checkbox"/>	17-010		SE-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591323	<input type="checkbox"/>	17-010			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591328	<input type="checkbox"/>	17-010		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.00	0.00	0.00	-QC-	0.00	0	W591247	<input type="checkbox"/>	17-009		ME-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.03	8.20	2.17	OVb	1.80	83	W591268	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.20	11.00	2.80	CBS	2.80	100	W591269	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.00	12.95	1.95	CBS	1.95	100	W591270	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.00	12.95	1.95	CBS	1.95	100	W591271	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12.95	15.13	2.18	GPS	1.61	74	W591272	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.13	17.40	2.27	GPS	1.75	77	W591273	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.40	18.40	1.00	GPS	1.00	100	W591274	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.40	19.77	1.37	CLS	1.37	100	W591275	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.77	22.00	2.23	CLS	1.84	83	W591276	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.00	23.96	1.96	CLS	1.58	81	W591278	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23.96	26.31	2.35	CLS	1.83	78	W591279	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26.31	28.16	1.85	CBS	1.79	97	W591280	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.16	31.00	2.84	CBS	2.77	98	W591281	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.00	34.00	3.00	CLS	2.19	73	W591282	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34.00	37.00	3.00	CLS	2.69	90	W591284	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.00	40.00	3.00	CLS	3.00	100	W591285	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40.00	43.00	3.00	CLS	3.00	100	W591286	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
43.00	46.00	3.00	CLS	2.64	88	W591287	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46.00	47.40	1.40	CLS	1.34	96	W591289	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47.40	48.64	1.24	CLS	1.22	98	W591290	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48.64	50.48	1.84	CBS	1.80	98	W591291	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50.48	51.80	1.32	CBS	1.32	100	W591292	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50.48	51.80	1.32	CBS	1.32	100	W591293	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
51.80	54.48	2.68	CBS	2.54	95	W591294	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54.48	55.94	1.46	CBS	1.46	100	W591295	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55.94	58.00	2.06	CBS	2.06	100	W591296	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58.00	59.47	1.47	CBS	1.47	100	W591297	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59.47	61.00	1.53	CBS	1.53	100	W591299	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61.00	64.00	3.00	CBS	2.36	79	W591300	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64.00	66.32	2.32	CBS	2.32	100	W591301	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66.32	67.80	1.48	CBS	1.48	100	W591302	<input type="checkbox"/>	17-008			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67.80	70.76	2.96	CBS	2.49	84	W591303	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70.76	72.29	1.53	CBS, SER	1.18	77	W591304	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72.29	74.32	2.03	SER	1.00	49	W591305	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74.32	77.00	2.68	SER	1.59	59	W591306	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77.00	78.58	1.58	SER	1.53	97	W591308	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78.58	80.62	2.04	SER	1.99	98	W591309	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80.62	82.00	1.38	SER	1.38	100	W591310	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82.00	83.59	1.59	SER	1.59	100	W591311	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83.59	85.00	1.41	SER	1.41	100	W591313	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85.00	86.68	1.68	SER	1.68	100	W591314	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86.68	88.00	1.32	SER	1.32	100	W591315	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88.00	89.50	1.50	SER	1.50	100	W591316	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89.50	91.20	1.70	SER	1.65	97	W591317	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
89.50	91.20	1.70	SER	1.65	97	W591318	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91.20	92.50	1.30	SER	1.28	98	W591319	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92.50	94.00	1.50	SER	1.44	96	W591320	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94.00	95.50	1.50	SER	1.47	98	W591321	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95.50	97.00	1.50	SER	1.45	97	W591322	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97.00	98.65	1.65	SER	1.65	100	W591324	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98.65	100.00	1.35	SER	1.35	100	W591325	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100.00	101.85	1.85	SER	1.85	100	W591326	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
101.85	103.10	1.25	SER	1.25	100	W591327	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103.10	104.50	1.40	SER	1.40	100	W591329	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
104.50	106.00	1.50	SER	1.50	100	W591330	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106.00	107.65	1.65	SER	1.65	100	W591331	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107.65	109.00	1.35	SER	1.32	98	W591332	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
109.00	111.08	2.08	CBS	2.08	100	W591333	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
109.00	111.08	2.08	CBS	2.08	100	W591334	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
111.08	113.00	1.92	CBS	1.92	100	W591338	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
113.00	114.69	1.69	SER	1.69	100	W591335	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
114.69	117.67	2.98	GPS	2.98	100	W591336	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
117.67	119.09	1.42	GPS	1.42	100	W591337	<input type="checkbox"/>	17-010			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
119.09	120.47	1.38	CLS	1.38	100	W591339	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
120.47	122.40	1.93	CLS	1.93	100	W591340	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
122.40	123.90	1.50	CLS	1.50	100	W591244	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
123.90	125.10	1.20	CLS	1.20	100	W591245	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
125.10	127.00	1.90	CLS	1.90	100	W591246	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
127.00	130.00	3.00	CLS	3.00	100	W591248	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
130.00	131.75	1.75	CLS	1.75	100	W591249	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
131.75	134.00	2.25	GPS	2.25	100	W591250	<input type="checkbox"/>	17-009			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
17.42	17.64	GO	34	-	NUL	1	Gouged zone of oxidized quartz muscovite schist			
19.97	19.98	VT	37	80	NUL	1	Quartz veinlet (1.5cm) within carbonate altered chlorite biotite schist			
24.00	24.09	VN	37	-	NUL	1	Fractured quartz vein within fractured chlorite schist. Limonitic orange carbonate within in patches			
24.50	24.70	VN	37	-	NUL	2	Two quartz veins (19cm and 4cm) that are fractured. With orange to brown carbonate found along outer selvedges			
27.95	28.14	VN	37	50	NUL	1	Two quartz veins (19cm and 4cm) that are fractured			
29.90	29.97	VN	37	-	NUL	1	Fractured white quartz vein within fractured chlorite biotite schist. Vein hosts disseminated hornblende within.			
34.63	34.64	VT	37	35	NUL	1	0.5cm quartz veinlet within chlorite schist			
37.93	97.95	VT	37	-	NUL	1	Wavy deformed (ptigmatic folds) 1cm quartz veinlet within chlorite biotite schist.			
38.55	38.59	JT	16	25	NUL	1	3cm infill of soft medium green chlorite crossing chloritic biotite schist]			
39.38	39.44	VN	37	45	NUL	1	6cm quartz vein within chlorite biotite schist. Vein hosts blebby chlorite from host rock and biotite			
39.80	39.83	VT	37	20	NUL	1	irregular lense of quartz within chlorite biotite schist			
51.85	52.29	VN	37	40	NUL	1	44cm fractured quartz vein within chlorite biotite schist. Vein hosts white carbonate that displays trace oxidation (gives yellow hue) and a light yellow clay infill along fracture faces. Chlorite schist intermittently extends into quartz vein along contacts in small finger-like intrusions			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
56.11	56.57	VB	37	65	NUL	3	sporadic series of irregular clear quartz veins and lenses up to 3.5cm wide. Veins and lenses cross chlorite biotite schist at average 65TCA. Quartz veins and lenses have blebs and clasts of carbonate that weakly brecciate chlorite biotite schist along selvedge of quartz. Trace to minor hematite present, along with specular hematite(?). Thin bands of biotite cross chlorite schist perpendicular to core axis throughout interval			
								He	0.5	DI
56.79	57.24	VT	37	-	NUL	3	Three 1-3cm veinlets that display multiple fold generations within. Axis of folds is consistent throughout, at ~50TCA			
67.05	67.05	VT	37	-	NUL	1	Fractured white quartz vein.			
70.10	70.13	VT	37	-	NUL	1	3cm fractured quartz vein within chlorite biotite schist. Vein hosts stringers of yellow (ankerite?) and pink (rhodochrosite?) carbonate within. Hosts disseminated pyrite and trace specular hematite or galena (cannot tell, too small).			
								Gn	0.1	DI
								Py	2	DI
								He	0.1	DI
72.50	72.70	VN	37	-	NUL	1	Fractured 20cm quartz vein that displays moderately oxidized limonite along fracture faces and in a large clast. Vein hosts fine bands of galena, pyrite, sphalerite (metallic silver?) and an unknown gunmetal silver mineral (tetrahedrite??, very unique, nearly cubic crystal form but edges of mineral do not match galena or pyrite, ~5 hardness).			
								Py	2	BN
								Sp	0.5	BN
								Gn	2	BN
73.19	73.27	bn		55	NUL	1	fine bands of disseminated pyrite, galena within strongly foliated light green sericite schist.	Un	0.5	DI
								Py	3	DI
								Gn	2	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
75.10	75.34	VN	37	-	NUL	1	Highly fractured quartz vein within sericite schist zone. Disseminated pyrite and galena found along selvages			
								Gn	1	DI
								Py	2	DI
77.00	77.15	VN	37	65	NUL	1	15cm quartz vein hosting veinlets and stringers of yellow ankerite carbonate. Ankerite veinlet has hollow cavity, where fine sugary quartz and white carbonate infill is present. Blebby pyrite throughout			
								Ak	2	BN
								Py	3	BL
77.62	77.90	VN	37	65	NUL	1	28cm quartz vein within intensely sericite altered schist. Vein hosts stringers of pyrite within, (<1cm) along with minor disseminated galena.			
								Py	2	DI
78.26	78.50	VN	37	70	NUL	1	14cm quartz vein within sericite altered schist zone. Vein has 5cm decomposed zone of mint green sericite schist within and hosts minor disseminated pyrite.			
								Gn	0.5	DI
								Py	2	DI
81.95	82.00	VN	37	70	NUL	1	5cm quartz vein found within intensely altered sericite schist zone. Vein hosts blebby pyrite with very fine dendritic edges. Small patches of smokey quartz (black to opaque) found within			
								Py	4	BL
82.54	82.58	bn		-	NUL	1	Fractured zone of light green to grey sericite altered schist. Schist carries disseminated pyrite and galena within foliation planes as fine bands.			
								Gn	3	DI
								Py	6	DI
89.84	90.30	VN	37	50	NUL	1	46cm milky quartz vein within quartz rich sericite schist (trace chlorite overprinting). Quartz vein has small patches of chlorite and sericite alteration along re=healed fracture faces. Alteration patches within are host to disseminated cubes of pyrite found only locally in alteration.			
								Py	1	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
91.87	92.16	VN	37	45	NUL	1	29cm quartz carbonate vein that is broken up by small fingers of weakly chloritized sericite schist. Vein has patches of white to weakly tan carbonate within. Pyrite and galena found within, associated with deep white carbonate/quartz within the main quartz vein. Milky quartz veinlets follow foliation of unit.	Gn	3	DI
								Py	3	DI
96.43	97.05	VN	37	50	NUL	1	62cm milky quartz vein found within quartz rich (sheeted/flooded) sericite schist zone. Quartz vein carries minor sericitized and weakly chloritized mica along fracture faces. Vein hosts disseminated pyrite along fracture faces, associated with above alteration, and is otherwise unmineralized.	Py	0.1	DI
98.79	98.80	FA	64	43	NUL	1	Fold axis where sheeted quartz sericite zone takes on chevron fold structure. Found directly along upper contact of fault zone			
98.87	98.88	FA	64	5	NUL	1	Fold axis along lower contact of fault zone within quartz sheeted sericite schist.			
101.83	102.05	VN	37	70	NUL	1	122cm quartz vein within quartz rich sericite schist zone. Vein is fractured and displays minor re-healed clasts along upper selvedge of vein from contact. Trace disseminated pyrite within	Py	0.1	DI
102.36	102.37	GO	34	60	NUL	1	1cm clay gouge seam within quartz rich sericite schist. Clay is broken down sericite schist			
102.75	103.09	VN	37	-	NUL	1	Fractured milky quartz vein within quartz rich sericite schist. Vein hosts trace disseminated pyrite	Py	0.1	DI
104.13	104.57	VN	37	70	NUL	1	43cm milky quartz vein with chlorite and green sericite along fracture faces. Does not host mineralization. Within highly fractured quartz rich sericite schist zone			
108.00	108.12	VB	37	-	NUL	1	Mottled patches of quartz and carbonate within chlorite biotite schist. Not definitive vein			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
108.64	108.65	VT	37	-	NUL	1	Ptigmatically deformed and folde quartz veinlet that displays two folding stages. Fold axes ~60TCA and 80TCA. Disseminated euhedral pyrite along selvedge	Py	2	DI
109.00	109.10	VN	37	60	NUL	1	10cm quartz vein within chlorite biotite schist. Vein hosts patchy white carbonate within. Fine acicular chlorite crystals within, along with disseminated pyrite. Hematite found along fracture faces	Py	1	DI
109.58	109.68	VT	37	65	NUL	3	Three 1-1.5 irregular quartz veinlets/lenses crosscutting epidotized zone of chlorite biotite schist disseminated pyrite throughout.	Py	4	DI
109.96	109.99	VT	37	60	NUL	1	3cm quartz vein within chlorite biotite schist. Unmineralized			
111.74	111.75	ST		65	NUL	1	pink carbonate (rhodochrosite) stringer within quartz rich sericite schist			
114.71	114.76	ST		70	NUL	4	Network of parallel 0.5 to 1cm quartz and carbonate stringers along foliation within quartz rich sericite to graphite schist. Disseminated pyrite found within graphite along foliation planes.	Py	3	DI
116.00	116.12	VN	37	50	NUL	1	Milky white quartz vein within graphitic schist. Vein hosts minor white carbonate stringers and small patchy dark grey graphite.			
117.09	117.10	VT	37	65	NUL	1	Irregular 1.5cm quartz vein within quartz graphite schist. Hosts minor white to yellow (ankerite) carbonate			
117.67	117.87	VN	37	55	NUL	4	Interval of weakly sericitic chlorite muscovtie schist hosting four irregular quartz veins ranging from 1-5cm wide. Veins host white to pale pink carbonate in patches and stringers, with disseminated pyrite blebs found in association with carbonate.	Py	2	BL
118.44	118.45	VT	37	60	NUL	1	1cm quartz veinlet within weakly chloritic schist hosting disseminated pyrite and white carbonate within.	Py	3	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
119.43	119.46	VT	37	65	NUL	1	3cm carbonate with hosting minor patchy carbonate within graphitic to weakly chloritic schist.			
119.58	119.66	VN	37	60	NUL	1	8cm quartz vein within weakly chlorite altered tuffaceous(?) schist. Vein hosts patchy white carbonate throughout.			
119.87	119.90	VT	37	70	NUL	1	Irregular 2.5cm quartz vein within weakly chloritic schist. Vein hosts minor carbonate and chlorite within.			
120.11	120.16	VN	37	70	NUL	1	5cm quartz vein within quartz graphite schist. Vein hosts patchy white and pink carbonate throughout.			
121.63	121.65	VT	37	70	NUL	1	2cm quartz veinlet crossing chloritic schist			
122.00	122.01	ST		20	NUL	1	Irregular carbonate stringer (0.5cm) crossing weakly siliceous and chloritic schist. Stringers is offset by quartz lenses that run perpendicular to core			
124.22	124.23	FA	64	35	NUL	2	Two fold axes at 35TCA of a crenulation fold within quartz graphite schist. Minor pyrite found along lower selvedge of fold within foliation.			
128.78	128.97	VN	37	70	NUL	1	Quartz vein flood zone, where quartz floods replace chloritized schist. No apparent mineralization, but blebs of chlorite within.			
130.09	130.12	VN	37	-	NUL	1	1.5cm quartz veinlet within graphitic schist. No mineralization			
131.35	131.44	VB	37	70	NUL	1	Network of chlorite stringers that infill foliation making a net texture. Stringers envelop lenses of white to clear quartz. Minor disseminated blebs of pyrite present sporadically throughout interval, not bound to a specific structure			
								Py	2	BL

**TRIFECTA GOLD LTD.**

FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED




**PROPERTY LOCATION**

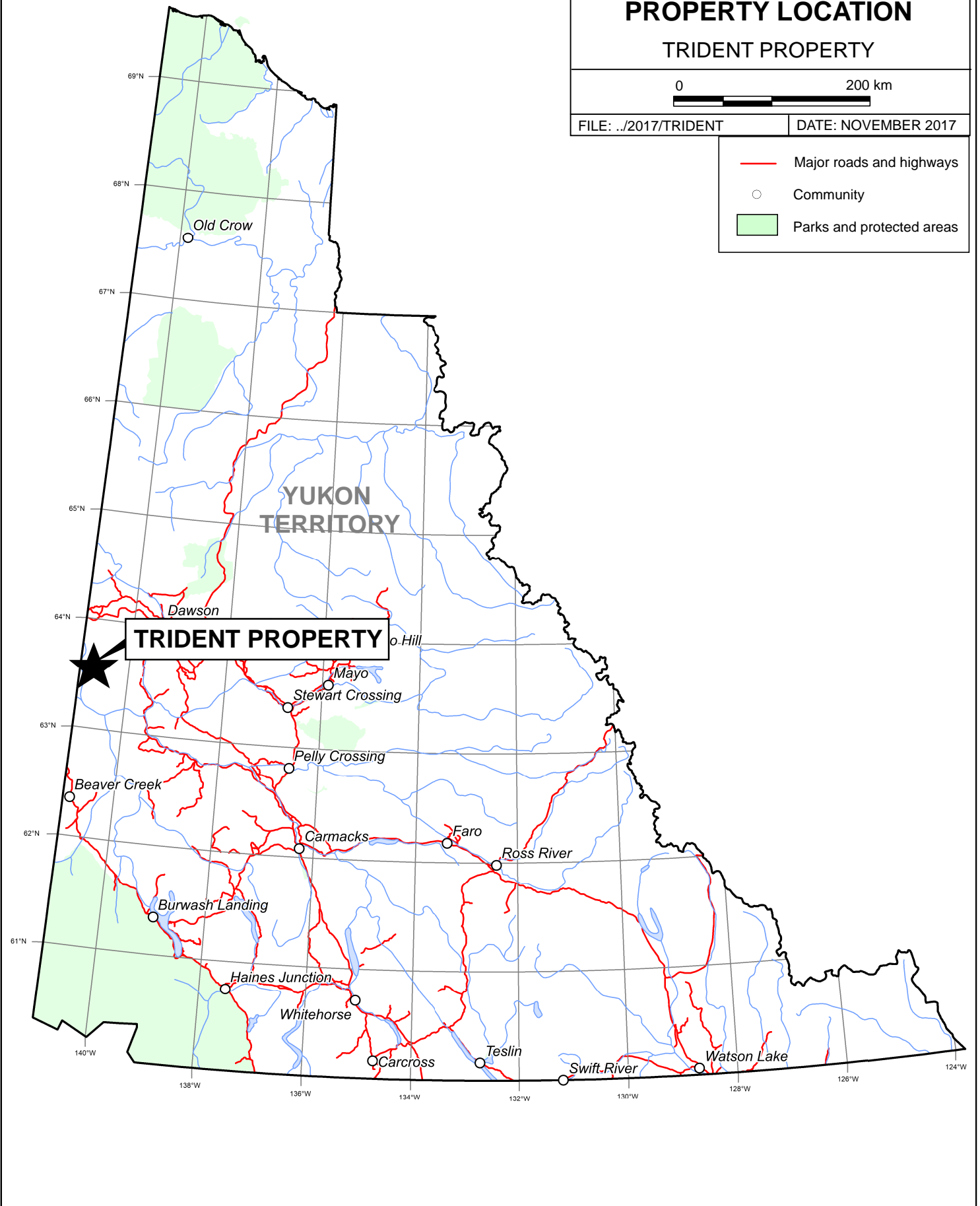
TRIDENT PROPERTY



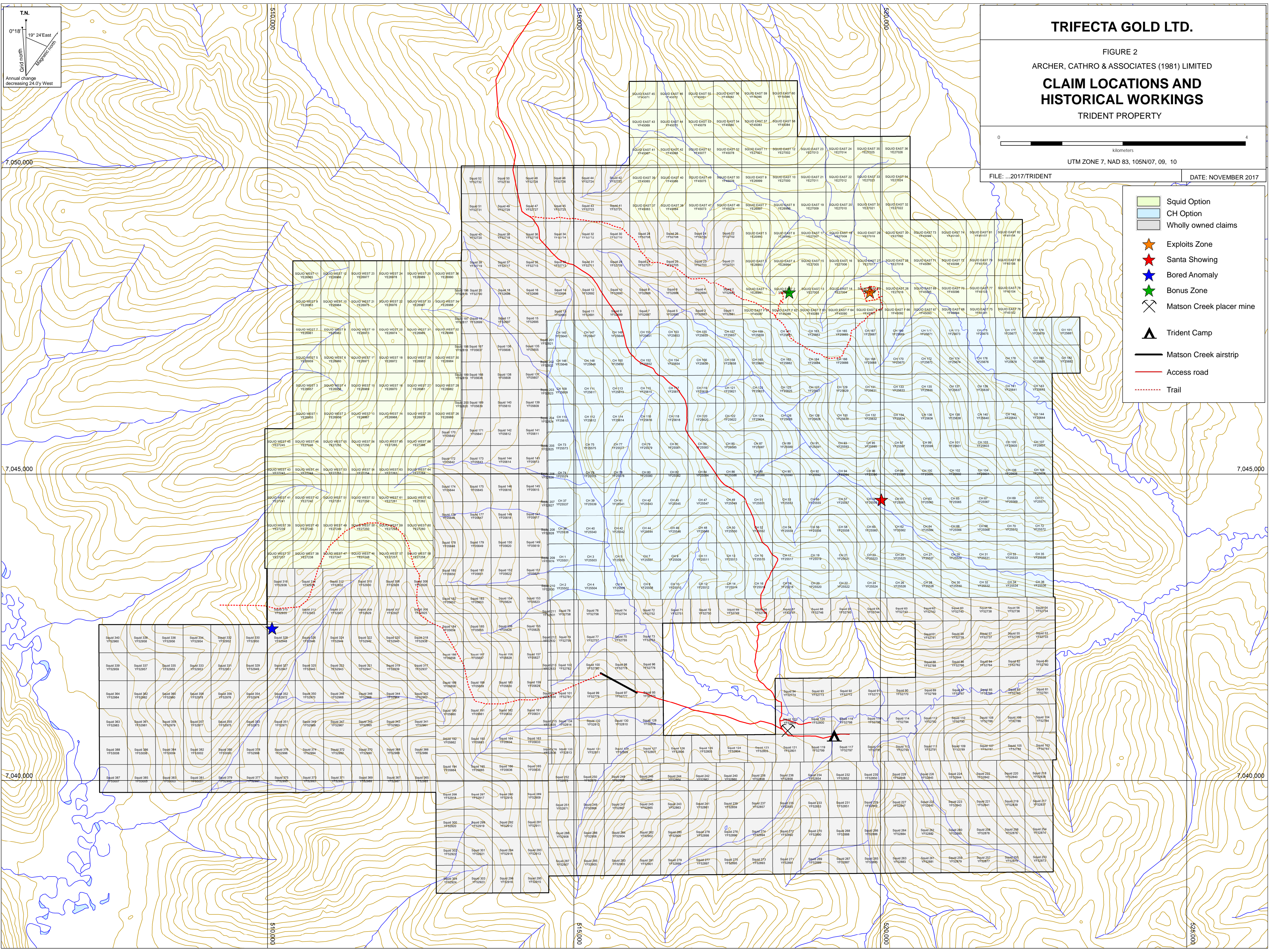
FILE: ../2017/TRIDENT

DATE: NOVEMBER 2017

-  Major roads and highways
-  Community
-  Parks and protected areas







T.N.  
 0°18' 19" 24' East  
 Grid north  
 Magnetic north  
 Annual change decreasing 24.0y West

**TRIFECTA GOLD LTD.**

FIGURE 2  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**CLAIM LOCATIONS AND HISTORICAL WORKINGS**  
 TRIDENT PROPERTY

0 4  
 kilometers  
 UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT DATE: NOVEMBER 2017

- Squid Option
- CH Option
- Wholly owned claims
- ★ Exploits Zone
- ★ Santa Showing
- ★ Bored Anomaly
- ★ Bonus Zone
- ✂ Matson Creek placer mine
- ▲ Trident Camp
- Matson Creek airstrip
- Access road
- - - - - Trail

Squid 45 YF5201	Squid 46 YF5202	Squid 47 YF5203	Squid 48 YF5204	Squid 49 YF5205	Squid 50 YF5206	Squid 51 YF5207	Squid 52 YF5208	Squid 53 YF5209	Squid 54 YF5210	Squid 55 YF5211	Squid 56 YF5212	Squid 57 YF5213	Squid 58 YF5214	Squid 59 YF5215	Squid 60 YF5216	Squid 61 YF5217	Squid 62 YF5218	Squid 63 YF5219	Squid 64 YF5220	Squid 65 YF5221	Squid 66 YF5222	Squid 67 YF5223	Squid 68 YF5224	Squid 69 YF5225	Squid 70 YF5226	Squid 71 YF5227	Squid 72 YF5228	Squid 73 YF5229	Squid 74 YF5230	Squid 75 YF5231	Squid 76 YF5232	Squid 77 YF5233	Squid 78 YF5234	Squid 79 YF5235	Squid 80 YF5236	Squid 81 YF5237	Squid 82 YF5238	Squid 83 YF5239	Squid 84 YF5240	Squid 85 YF5241	Squid 86 YF5242	Squid 87 YF5243	Squid 88 YF5244	Squid 89 YF5245	Squid 90 YF5246	Squid 91 YF5247	Squid 92 YF5248	Squid 93 YF5249	Squid 94 YF5250	Squid 95 YF5251	Squid 96 YF5252	Squid 97 YF5253	Squid 98 YF5254	Squid 99 YF5255	Squid 100 YF5256	Squid 101 YF5257	Squid 102 YF5258	Squid 103 YF5259	Squid 104 YF5260	Squid 105 YF5261	Squid 106 YF5262	Squid 107 YF5263	Squid 108 YF5264	Squid 109 YF5265	Squid 110 YF5266	Squid 111 YF5267	Squid 112 YF5268	Squid 113 YF5269	Squid 114 YF5270	Squid 115 YF5271	Squid 116 YF5272	Squid 117 YF5273	Squid 118 YF5274	Squid 119 YF5275	Squid 120 YF5276	Squid 121 YF5277	Squid 122 YF5278	Squid 123 YF5279	Squid 124 YF5280	Squid 125 YF5281	Squid 126 YF5282	Squid 127 YF5283	Squid 128 YF5284	Squid 129 YF5285	Squid 130 YF5286	Squid 131 YF5287	Squid 132 YF5288	Squid 133 YF5289	Squid 134 YF5290	Squid 135 YF5291	Squid 136 YF5292	Squid 137 YF5293	Squid 138 YF5294	Squid 139 YF5295	Squid 140 YF5296	Squid 141 YF5297	Squid 142 YF5298	Squid 143 YF5299	Squid 144 YF5300	Squid 145 YF5301	Squid 146 YF5302	Squid 147 YF5303	Squid 148 YF5304	Squid 149 YF5305	Squid 150 YF5306	Squid 151 YF5307	Squid 152 YF5308	Squid 153 YF5309	Squid 154 YF5310	Squid 155 YF5311	Squid 156 YF5312	Squid 157 YF5313	Squid 158 YF5314	Squid 159 YF5315	Squid 160 YF5316	Squid 161 YF5317	Squid 162 YF5318	Squid 163 YF5319	Squid 164 YF5320	Squid 165 YF5321	Squid 166 YF5322	Squid 167 YF5323	Squid 168 YF5324	Squid 169 YF5325	Squid 170 YF5326	Squid 171 YF5327	Squid 172 YF5328	Squid 173 YF5329	Squid 174 YF5330	Squid 175 YF5331	Squid 176 YF5332	Squid 177 YF5333	Squid 178 YF5334	Squid 179 YF5335	Squid 180 YF5336	Squid 181 YF5337	Squid 182 YF5338	Squid 183 YF5339	Squid 184 YF5340	Squid 185 YF5341	Squid 186 YF5342	Squid 187 YF5343	Squid 188 YF5344	Squid 189 YF5345	Squid 190 YF5346	Squid 191 YF5347	Squid 192 YF5348	Squid 193 YF5349	Squid 194 YF5350	Squid 195 YF5351	Squid 196 YF5352	Squid 197 YF5353	Squid 198 YF5354	Squid 199 YF5355	Squid 200 YF5356	Squid 201 YF5357	Squid 202 YF5358	Squid 203 YF5359	Squid 204 YF5360	Squid 205 YF5361	Squid 206 YF5362	Squid 207 YF5363	Squid 208 YF5364	Squid 209 YF5365	Squid 210 YF5366	Squid 211 YF5367	Squid 212 YF5368	Squid 213 YF5369	Squid 214 YF5370	Squid 215 YF5371	Squid 216 YF5372	Squid 217 YF5373	Squid 218 YF5374	Squid 219 YF5375	Squid 220 YF5376	Squid 221 YF5377	Squid 222 YF5378	Squid 223 YF5379	Squid 224 YF5380	Squid 225 YF5381	Squid 226 YF5382	Squid 227 YF5383	Squid 228 YF5384	Squid 229 YF5385	Squid 230 YF5386	Squid 231 YF5387	Squid 232 YF5388	Squid 233 YF5389	Squid 234 YF5390	Squid 235 YF5391	Squid 236 YF5392	Squid 237 YF5393	Squid 238 YF5394	Squid 239 YF5395	Squid 240 YF5396	Squid 241 YF5397	Squid 242 YF5398	Squid 243 YF5399	Squid 244 YF5400	Squid 245 YF5401	Squid 246 YF5402	Squid 247 YF5403	Squid 248 YF5404	Squid 249 YF5405	Squid 250 YF5406	Squid 251 YF5407	Squid 252 YF5408	Squid 253 YF5409	Squid 254 YF5410	Squid 255 YF5411	Squid 256 YF5412	Squid 257 YF5413	Squid 258 YF5414	Squid 259 YF5415	Squid 260 YF5416	Squid 261 YF5417	Squid 262 YF5418	Squid 263 YF5419	Squid 264 YF5420	Squid 265 YF5421	Squid 266 YF5422	Squid 267 YF5423	Squid 268 YF5424	Squid 269 YF5425	Squid 270 YF5426	Squid 271 YF5427	Squid 272 YF5428	Squid 273 YF5429	Squid 274 YF5430	Squid 275 YF5431	Squid 276 YF5432	Squid 277 YF5433	Squid 278 YF5434	Squid 279 YF5435	Squid 280 YF5436	Squid 281 YF5437	Squid 282 YF5438	Squid 283 YF5439	Squid 284 YF5440	Squid 285 YF5441	Squid 286 YF5442	Squid 287 YF5443	Squid 288 YF5444	Squid 289 YF5445	Squid 290 YF5446	Squid 291 YF5447	Squid 292 YF5448	Squid 293 YF5449	Squid 294 YF5450	Squid 295 YF5451	Squid 296 YF5452	Squid 297 YF5453	Squid 298 YF5454	Squid 299 YF5455	Squid 300 YF5456	Squid 301 YF5457	Squid 302 YF5458	Squid 303 YF5459	Squid 304 YF5460	Squid 305 YF5461	Squid 306 YF5462	Squid 307 YF5463	Squid 308 YF5464	Squid 309 YF5465	Squid 310 YF5466	Squid 311 YF5467	Squid 312 YF5468	Squid 313 YF5469	Squid 314 YF5470	Squid 315 YF5471	Squid 316 YF5472	Squid 317 YF5473	Squid 318 YF5474	Squid 319 YF5475	Squid 320 YF5476	Squid 321 YF5477	Squid 322 YF5478	Squid 323 YF5479	Squid 324 YF5480	Squid 325 YF5481	Squid 326 YF5482	Squid 327 YF5483	Squid 328 YF5484	Squid 329 YF5485	Squid 330 YF5486	Squid 331 YF5487	Squid 332 YF5488	Squid 333 YF5489	Squid 334 YF5490	Squid 335 YF5491	Squid 336 YF5492	Squid 337 YF5493	Squid 338 YF5494	Squid 339 YF5495	Squid 340 YF5496	Squid 341 YF5497	Squid 342 YF5498	Squid 343 YF5499	Squid 344 YF5500	Squid 345 YF5501	Squid 346 YF5502	Squid 347 YF5503	Squid 348 YF5504	Squid 349 YF5505	Squid 350 YF5506	Squid 351 YF5507	Squid 352 YF5508	Squid 353 YF5509	Squid 354 YF5510	Squid 355 YF5511	Squid 356 YF5512	Squid 357 YF5513	Squid 358 YF5514	Squid 359 YF5515	Squid 360 YF5516	Squid 361 YF5517	Squid 362 YF5518	Squid 363 YF5519	Squid 364 YF5520	Squid 365 YF5521	Squid 366 YF5522	Squid 367 YF5523	Squid 368 YF5524	Squid 369 YF5525	Squid 370 YF5526	Squid 371 YF5527	Squid 372 YF5528	Squid 373 YF5529	Squid 374 YF5530	Squid 375 YF5531	Squid 376 YF5532	Squid 377 YF5533	Squid 378 YF5534	Squid 379 YF5535	Squid 380 YF5536	Squid 381 YF5537	Squid 382 YF5538	Squid 383 YF5539	Squid 384 YF5540	Squid 385 YF5541	Squid 386 YF5542	Squid 387 YF5543	Squid 388 YF5544	Squid 389 YF5545	Squid 390 YF5546	Squid 391 YF5547	Squid 392 YF5548	Squid 393 YF5549	Squid 394 YF5550	Squid 395 YF5551	Squid 396 YF5552	Squid 397 YF5553	Squid 398 YF5554	Squid 399 YF5555	Squid 400 YF5556	Squid 401 YF5557	Squid 402 YF5558	Squid 403 YF5559	Squid 404 YF5560	Squid 405 YF5561	Squid 406 YF5562	Squid 407 YF5563	Squid 408 YF5564	Squid 409 YF5565	Squid 410 YF5566	Squid 411 YF5567	Squid 412 YF5568	Squid 413 YF5569	Squid 414 YF5570	Squid 415 YF5571	Squid 416 YF5572	Squid 417 YF5573	Squid 418 YF5574	Squid 419 YF5575	Squid 420 YF5576	Squid 421 YF5577	Squid 422 YF5578	Squid 423 YF5579	Squid 424 YF5580	Squid 425 YF5581	Squid 426 YF5582	Squid 427 YF5583	Squid 428 YF5584	Squid 429 YF5585	Squid 430 YF5586	Squid 431 YF5587	Squid 432 YF5588	Squid 433 YF5589	Squid 434 YF5590	Squid 435 YF5591	Squid 436 YF5592	Squid 437 YF5593	Squid 438 YF5594	Squid 439 YF5595	Squid 440 YF5596	Squid 441 YF5597	Squid 442 YF5598	Squid 443 YF5599	Squid 444 YF5600	Squid 445 YF5601	Squid 446 YF5602	Squid 447 YF5603	Squid 448 YF5604	Squid 449 YF5605	Squid 450 YF5606	Squid 451 YF5607	Squid 452 YF5608	Squid 453 YF5609	Squid 454 YF5610	Squid 455 YF5611	Squid 456 YF5612	Squid 457 YF5613	Squid 458 YF5614	Squid 459 YF5615	Squid 460 YF5616	Squid 461 YF5617	Squid 462 YF5618	Squid 463 YF5619	Squid 464 YF5620	Squid 465 YF5621	Squid 466 YF5622	Squid 467 YF5623	Squid 468 YF5624	Squid 469 YF5625	Squid 470 YF5626	Squid 471 YF5627	Squid 472 YF5628	Squid 473 YF5629	Squid 474 YF5630	Squid 475 YF5631	Squid 476 YF5632	Squid 477 YF5633	Squid 478 YF5634	Squid 479 YF5635	Squid 480 YF5636	Squid 481 YF5637	Squid 482 YF5638	Squid 483 YF5639	Squid 484 YF5640	Squid 485 YF5641	Squid 486 YF5642	Squid 487 YF5643	Squid 488 YF5644	Squid 489 YF5645	Squid 490 YF5646	Squid 491 YF5647	Squid 492 YF5648	Squid 493 YF5649	Squid 494 YF5650	Squid 495 YF5651	Squid 496 YF5652	Squid 497 YF5653	Squid 498 YF5654	Squid 499 YF5655	Squid 500 YF5656	Squid 501 YF5657	Squid 502 YF5658	Squid 503 YF5659	Squid 504 YF5660	Squid 505 YF5661	Squid 506 YF5662	Squid 507 YF5663	Squid 508 YF5664	Squid 509 YF5665	Squid 510 YF5666	Squid 511 YF5667	Squid 512 YF5668	Squid 513 YF5669	Squid 514 YF5670	Squid 515 YF5671	Squid 516 YF5672	Squid 517 YF5673	Squid 518 YF5674	Squid 519 YF5675	Squid 520 YF5676	Squid 521 YF5677	Squid 522 YF5678	Squid 523 YF5679	Squid 524 YF5680	Squid 525 YF5681	Squid 526 YF5682	Squid 527 YF5683	Squid 528 YF5684	Squid 529 YF5685	Squid 530 YF5686	Squid 531 YF5687	Squid 532 YF5688	Squid 533 YF5689	Squid 534 YF5690	Squid 535 YF5691	Squid 536 YF5692	Squid 537 YF5693	Squid 538 YF5694	Squid 539 YF5695	Squid 540 YF5696	Squid 541 YF5697	Squid 542 YF5698	Squid 543 YF5699	Squid 544 YF5700	Squid 545 YF5701	Squid 546 YF5702	Squid 547 YF5703	Squid 548 YF5704	Squid 549 YF5705	Squid 550 YF5706	Squid 551 YF5707	Squid 552 YF5708	Squid 553 YF5709	Squid 554 YF5710	Squid 555 YF5711	Squid 556 YF5712	Squid 557 YF5713	Squid 558 YF5714	Squid 559 YF5715	Squid 560 YF5716	Squid 561 YF5717	Squid 562 YF5718	Squid 563 YF5719	Squid 564 YF5720	Squid 565 YF5721	Squid 566 YF5722	Squid 567 YF5723	Squid 568 YF5724	Squid 569 YF5725	Squid 570 YF5726	Squid 571 YF5727	Squid 572 YF5728	Squid 573 YF5729	Squid 574 YF5730	Squid 575 YF5731	Squid 576 YF5732	Squid 577 YF5733	Squid 578 YF5734	Squid 579 YF5735	Squid 580 YF5736	Squid 581 YF5737	Squid 582 YF5738	Squid 583 YF5739	Squid 584 YF5740	Squid 585 YF5741	Squid 586 YF5742	Squid 587 YF5743	Squid 588 YF5744	Squid 589 YF5745	Squid 590 YF5746	Squid 591 YF5747	Squid 592 YF5748	Squid 593 YF5749	Squid 594 YF5750	Squid 595 YF5751	Squid 596 YF5752	Squid 597 YF5753	Squid 598 YF5754	Squid 599 YF5755	Squid 600 YF5756	Squid 601 YF5757	Squid 602 YF5758	Squid 603 YF5759	Squid 604 YF5760	Squid 605 YF5761	Squid 606 YF5762	Squid 607 YF5763	Squid 608 YF5764	Squid 609 YF5765	Squid 610 YF5766	Squid 611 YF5767	Squid 612 YF5768	Squid 613 YF5769	Squid 614 YF5770	Squid 615 YF5771	Squid 616 YF5772	Squid 617 YF5773	Squid 618 YF5774	Squid 619 YF5775	Squid 620 YF5776	Squid 621 YF5777	Squid 622 YF5778	Squid 623 YF5779	Squid 624 YF5780	Squid 625 YF5781	Squid 626 YF5782	Squid 627 YF5783	Squid 628 YF5784	Squid 629 YF5785	Squid 630 YF5786	Squid 631 YF5787	Squid 632 YF5788	Squid 633 YF5789	Squid 634 YF5790	Squid 635 YF5791	Squid 636 YF5792	Squid 637 YF5793	Squid 638 YF5794	Squid 639 YF5795	Squid 640 YF5796	Squid 641 YF5797	Squid 642 YF5798	Squid 643 YF5799	Squid 644 YF5800	Squid 645 YF5801	Squid 646 YF5802	Squid 647 YF5803	Squid 648 YF5804	Squid 649 YF5805	Squid 650 YF5806	Squid 651 YF5807	Squid 652 YF5808	Squid 653 YF5809	Squid 654 YF5810	Squid 655 YF5811	Squid 656 YF5812	Squid 657 YF5813	Squid 658 YF5814	Squid 659 YF5815	Squid 660 YF5816	Squid 661 YF5817	Squid 662 YF5818	Squid 663 YF5819	Squid 664 YF5820	Squid 665 YF5821	Squid 666 YF5822	Squid 667 YF5823	Squid 668 YF5824	Squid 669 YF5825	Squid 670 YF5826	Squid 671 YF5827	Squid 672 YF5828	Squid 673 YF5829	Squid 674 YF5830	Squid 675 YF5831	Squid 676 YF5832	Squid 677 YF5833	Squid 678 YF5834	Squid 679 YF5835	Squid 680 YF5836	Squid 681 YF5837	Squid 682 YF5838	Squid 683 YF5839	Squid 684 YF5840	Squid 685 YF5841	Squid 686 YF5842	Squid 687 YF5843	Squid 688 YF5844	Squid 689 YF5845	Squid 690 YF5846	Squid 691 YF5847	Squid 692 YF5848	Squid 693 YF5849	Squid 694 YF5850	Squid 695 YF5851	Squid 696 YF5852	Squid 697 YF5853	Squid 698 YF5854	Squid 699 YF5855	Squid 700 YF5856	Squid 701 YF5857	Squid 702 YF5858	Squid 703 YF5859	Squid 704 YF5860	Squid 705 YF5861	Squid 706 YF5862	Squid 707 YF5863	Squid 708 YF5864	Squid 709 YF5865	Squid 710 YF5866	Squid 711 YF5867	Squid 712 YF5868	Squid 713 YF5869	Squid 714 YF5870	Squid 715 YF5871	Squid 716 YF5872	Squid 717 YF5873	Squid 718 YF5874	Squid 719 YF5875	Squid 720 YF5876	Squid 721 YF5877	Squid 722 YF5878	Squid 723
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# TRIFECTA GOLD LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

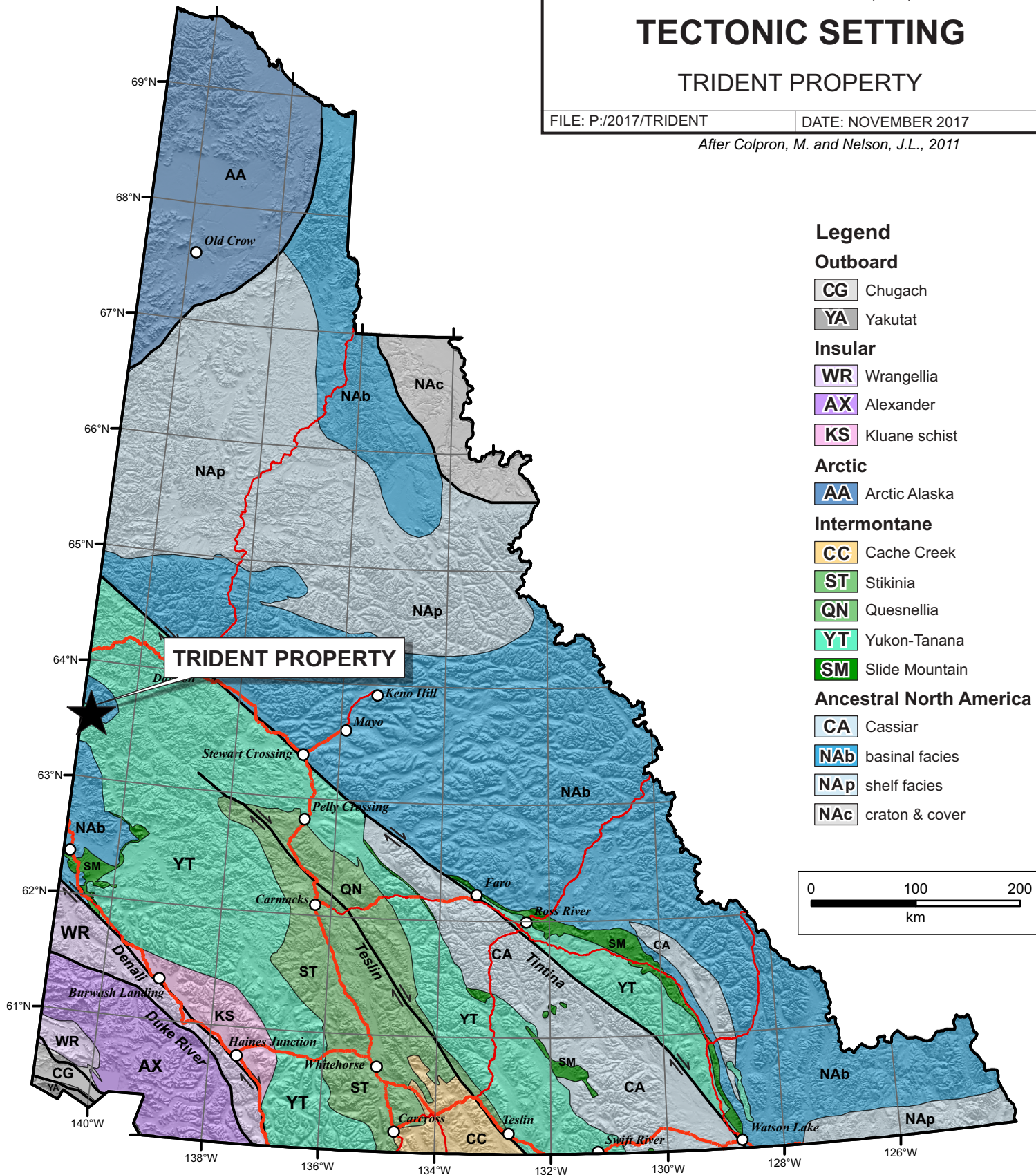
## TECTONIC SETTING

### TRIDENT PROPERTY

FILE: P:2017/TRIDENT

DATE: NOVEMBER 2017

After Colpron, M. and Nelson, J.L., 2011



#### Legend

##### Outboard

**CG** Chugach

**YA** Yakutat

##### Insular

**WR** Wrangellia

**AX** Alexander

**KS** Kluane schist

##### Arctic

**AA** Arctic Alaska

##### Intermontane

**CC** Cache Creek

**ST** Stikinia

**QN** Quesnellia

**YT** Yukon-Tanana

**SM** Slide Mountain

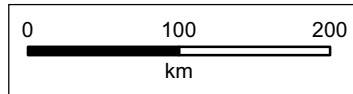
##### Ancestral North America

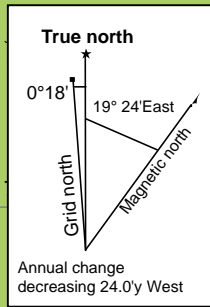
**CA** Cassiar

**NAb** basinal facies

**NAp** shelf facies

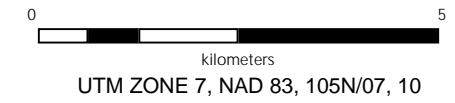
**NAc** craton & cover





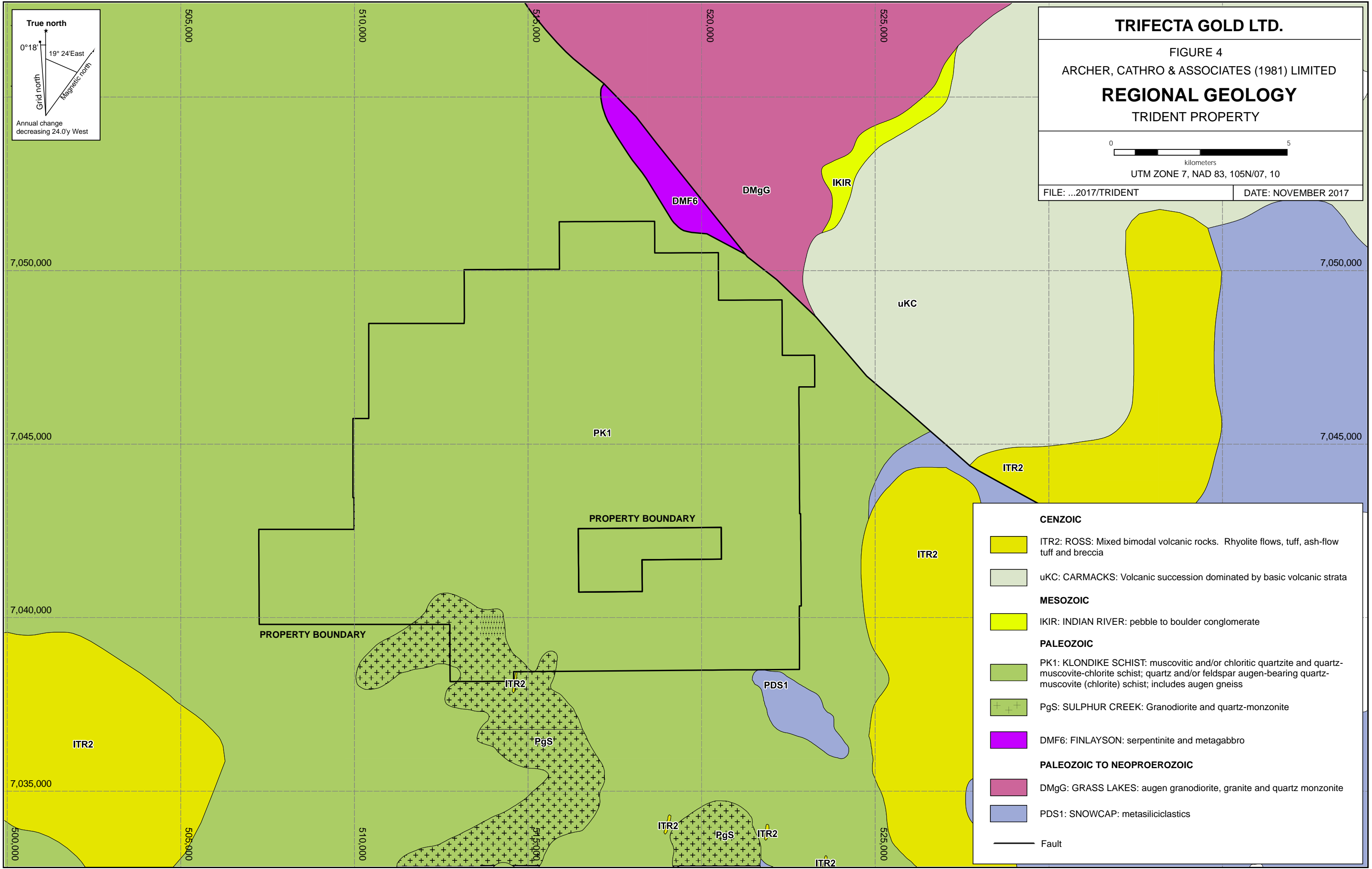
**TRIFECTA GOLD LTD.**

FIGURE 4  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**REGIONAL GEOLOGY**  
TRIDENT PROPERTY



FILE: ...2017/TRIDENT

DATE: NOVEMBER 2017

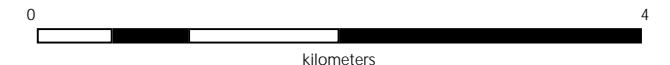


- CENOZOIC**
- ITR2: ROSS: Mixed bimodal volcanic rocks. Rhyolite flows, tuff, ash-flow tuff and breccia
  - uKC: CARMACKS: Volcanic succession dominated by basic volcanic strata
- MESOZOIC**
- IKIR: INDIAN RIVER: pebble to boulder conglomerate
- PALEOZOIC**
- PK1: KLONDIKE SCHIST: muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (chlorite) schist; includes augen gneiss
  - PgS: SULPHUR CREEK: Granodiorite and quartz-monzonite
- PALEOZOIC TO NEOPROEROZOIC**
- DMF6: FINLAYSON: serpentinite and metagabbro
  - DMgG: GRASS LAKES: augen granodiorite, granite and quartz monzonite
  - PDS1: SNOWCAP: metasiliciclastics
- Fault



**TRIFECTA GOLD LTD.**

FIGURE 6  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**2017 ROCK SAMPLE LOCATIONS**  
 TRIDENT PROPERTY

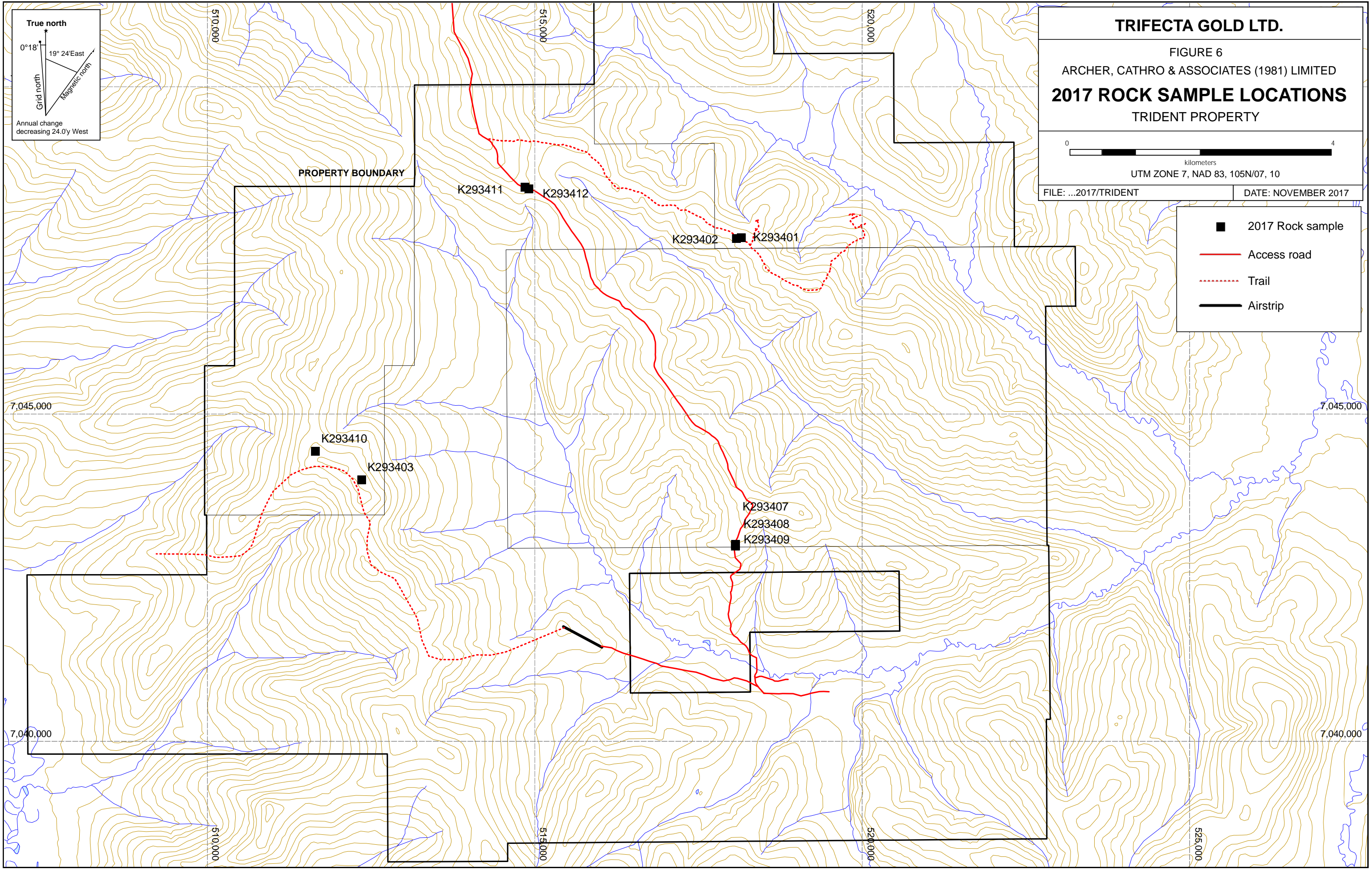


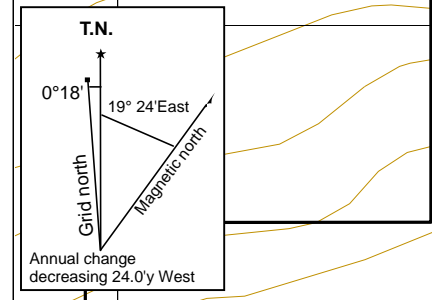
UTM ZONE 7, NAD 83, 105N/07, 10

FILE: ...2017/TRIDENT

DATE: NOVEMBER 2017

- 2017 Rock sample
- Access road
- ⋯ Trail
- Airstrip



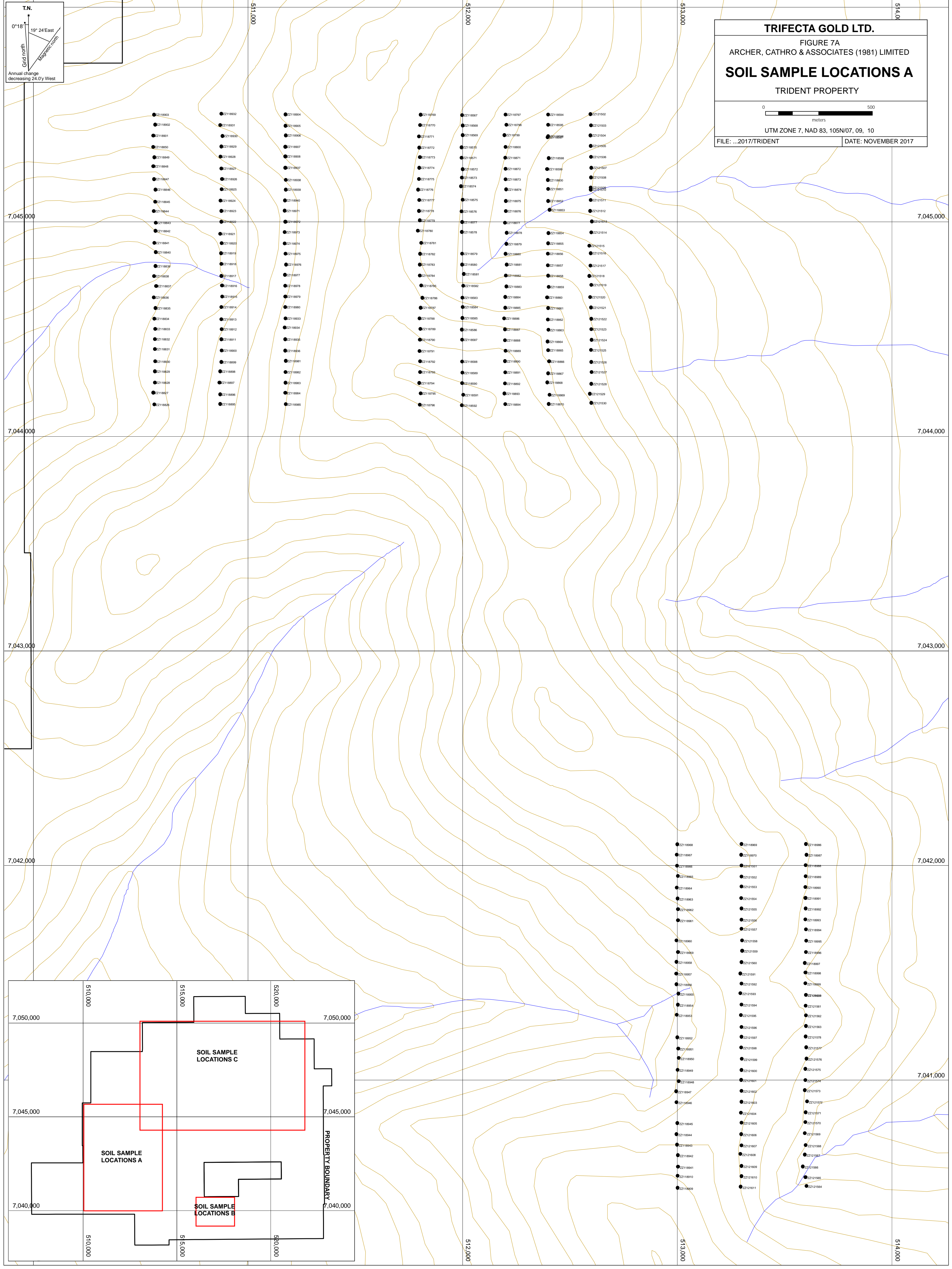


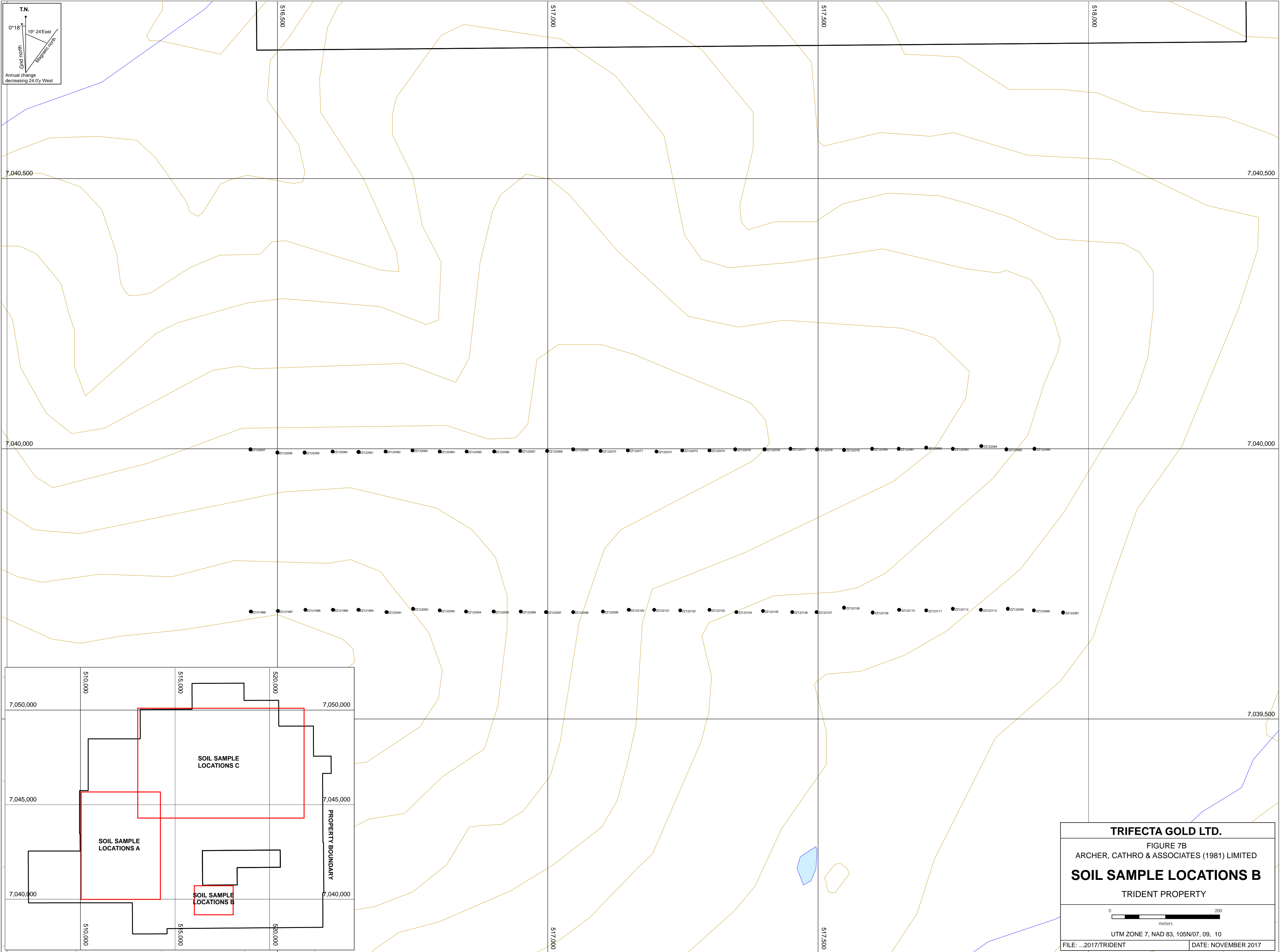
**TRIFECTA GOLD LTD.**  
 FIGURE 7A  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SOIL SAMPLE LOCATIONS A**  
 TRIDENT PROPERTY

0 500  
meters

UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT DATE: NOVEMBER 2017





T.N.  
 0°18' ↑  
 Grid north  
 19° 24' East  
 Magnetic north  
 Annual change  
 decreasing 24.0y West

7,040,500

7,040,500

7,040,000

7,040,000

7,050,000

7,039,500

7,045,000

PROPERTY BOUNDARY

7,040,000

7,040,000

510,000

515,000

520,000

510,000

515,000

520,000

517,000

517,500

518,000

517,000

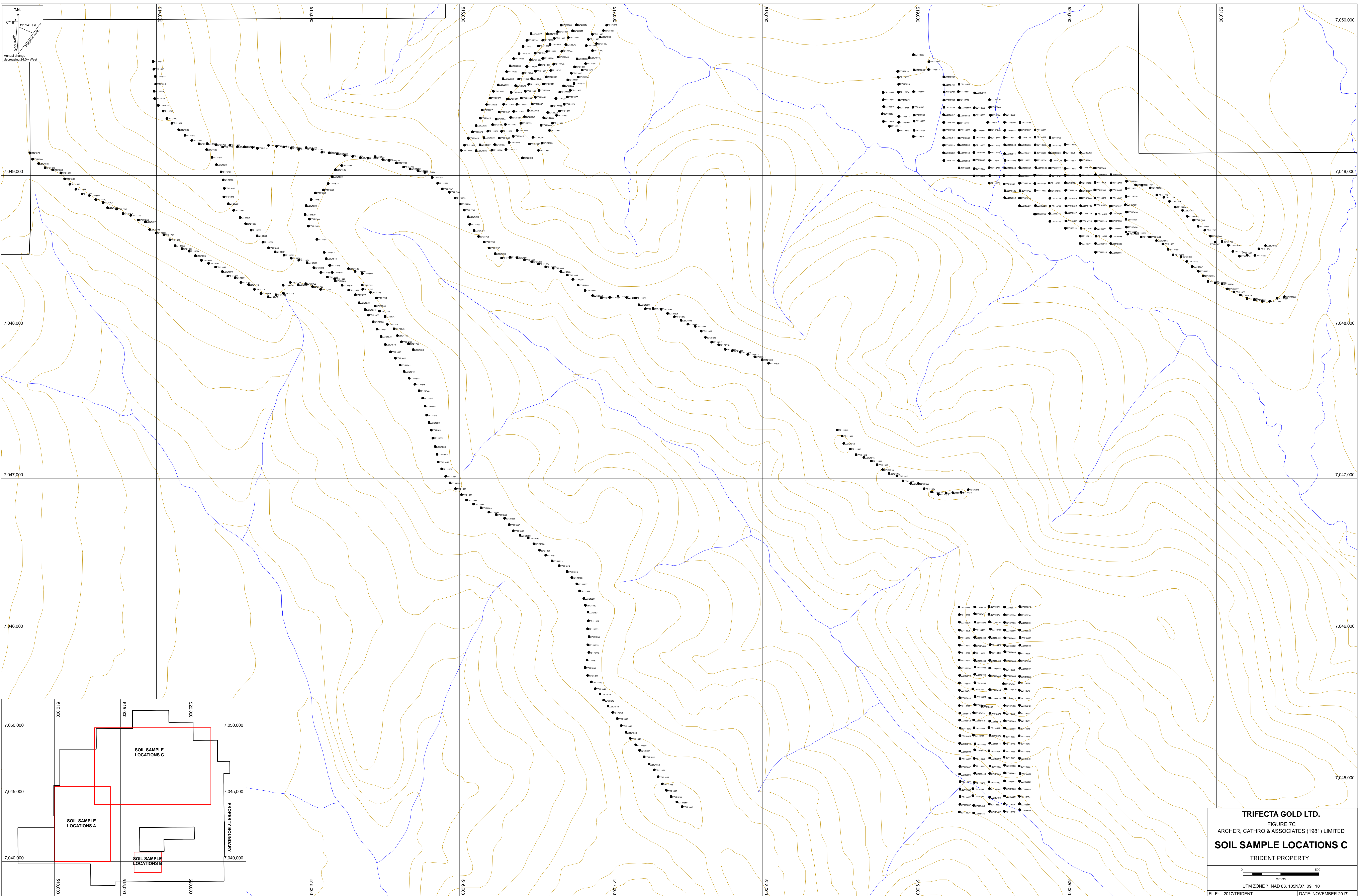
517,500

**TRIFECTA GOLD LTD.**  
 FIGURE 7B  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SOIL SAMPLE LOCATIONS B**  
 TRIDENT PROPERTY

0 ————— 200  
 meters

UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT      DATE: NOVEMBER 2017



T.N.  
0°18'  
Annual change decreasing 24.0y West  
12° 24' East  
UTM Zone 7, NAD 83

**TRIFECTA GOLD LTD.**  
 FIGURE 7C  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SOIL SAMPLE LOCATIONS C**  
 TRIDENT PROPERTY

0 500  
METERS

UTM ZONE 7, NAD 83, 105N07, 08, 10  
 FILE: ...2017/TRIDENT DATE: NOVEMBER 2017

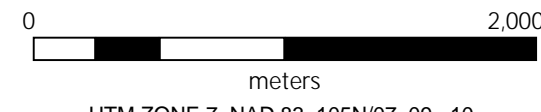
# TRIFECTA GOLD LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## GOLD SOIL GEOCHEMISTRY

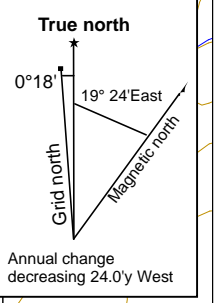
TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT

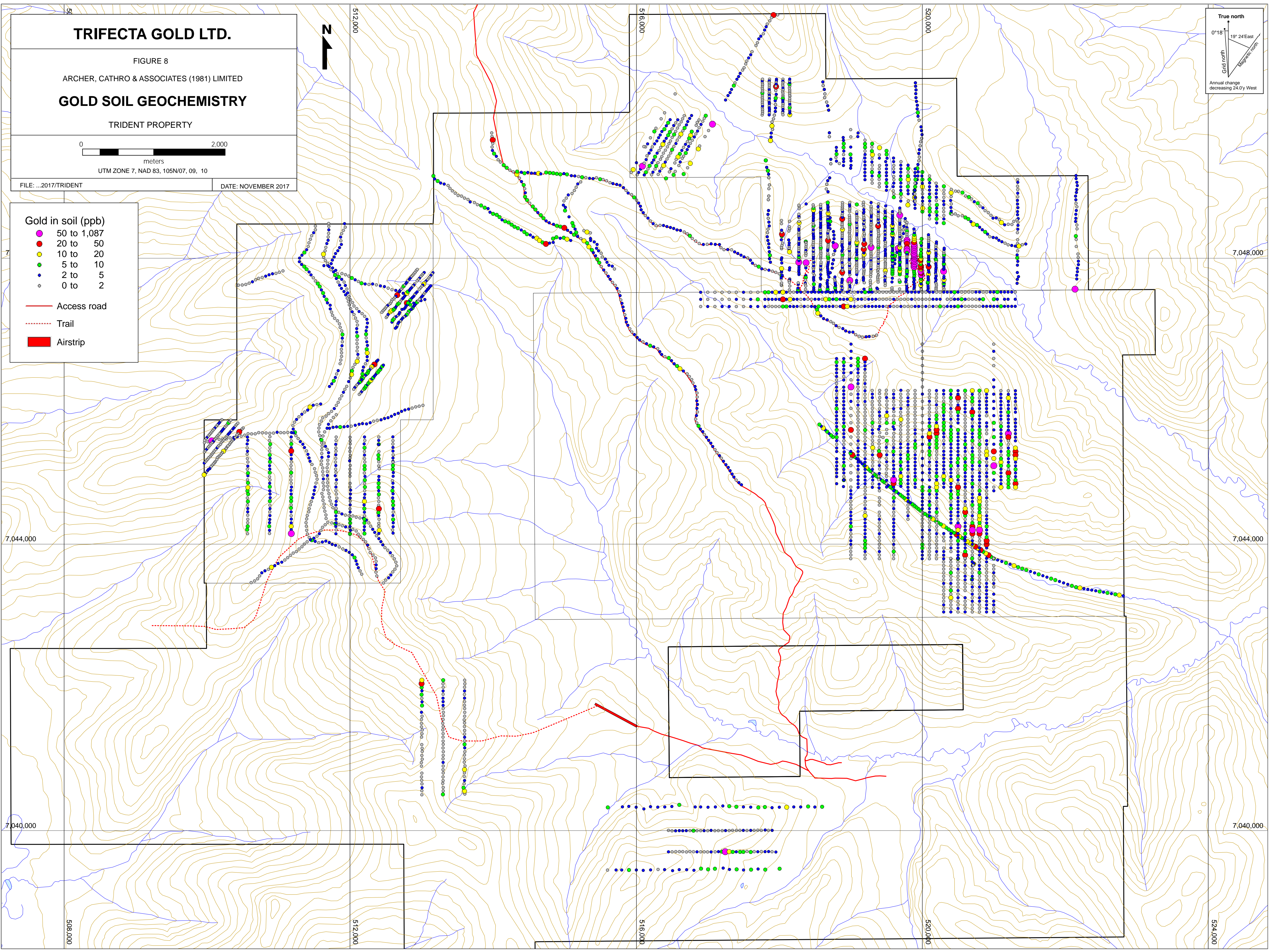
DATE: NOVEMBER 2017



**Gold in soil (ppb)**

- 50 to 1,087
- 20 to 50
- 10 to 20
- 5 to 10
- 2 to 5
- 0 to 2

— Access road  
- - - Trail  
■ Airstrip





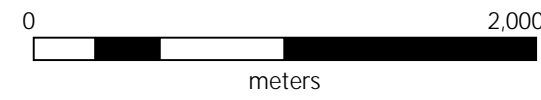
# TRIFECTA GOLD LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## SILVER SOIL GEOCHEMISTRY

TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT

DATE: NOVEMBER 2017



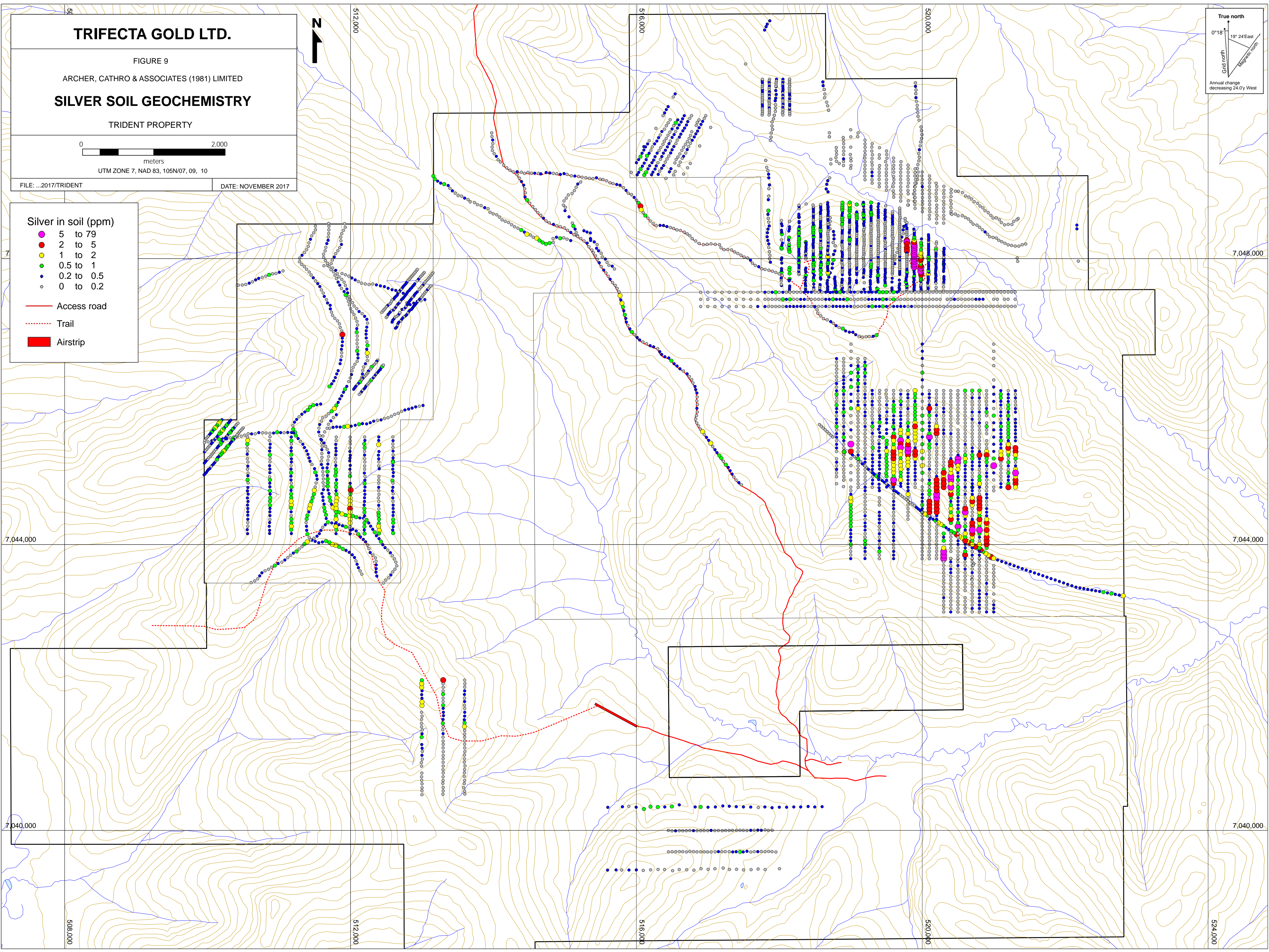
### Silver in soil (ppm)

- 5 to 79
- 2 to 5
- 1 to 2
- 0.5 to 1
- 0.2 to 0.5
- 0 to 0.2

Access road

Trail

Airstrip



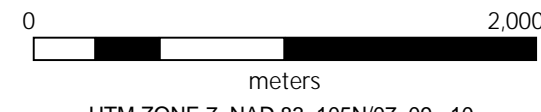
# TRIFECTA GOLD LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## LEAD SOIL GEOCHEMISTRY

TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 09, 10

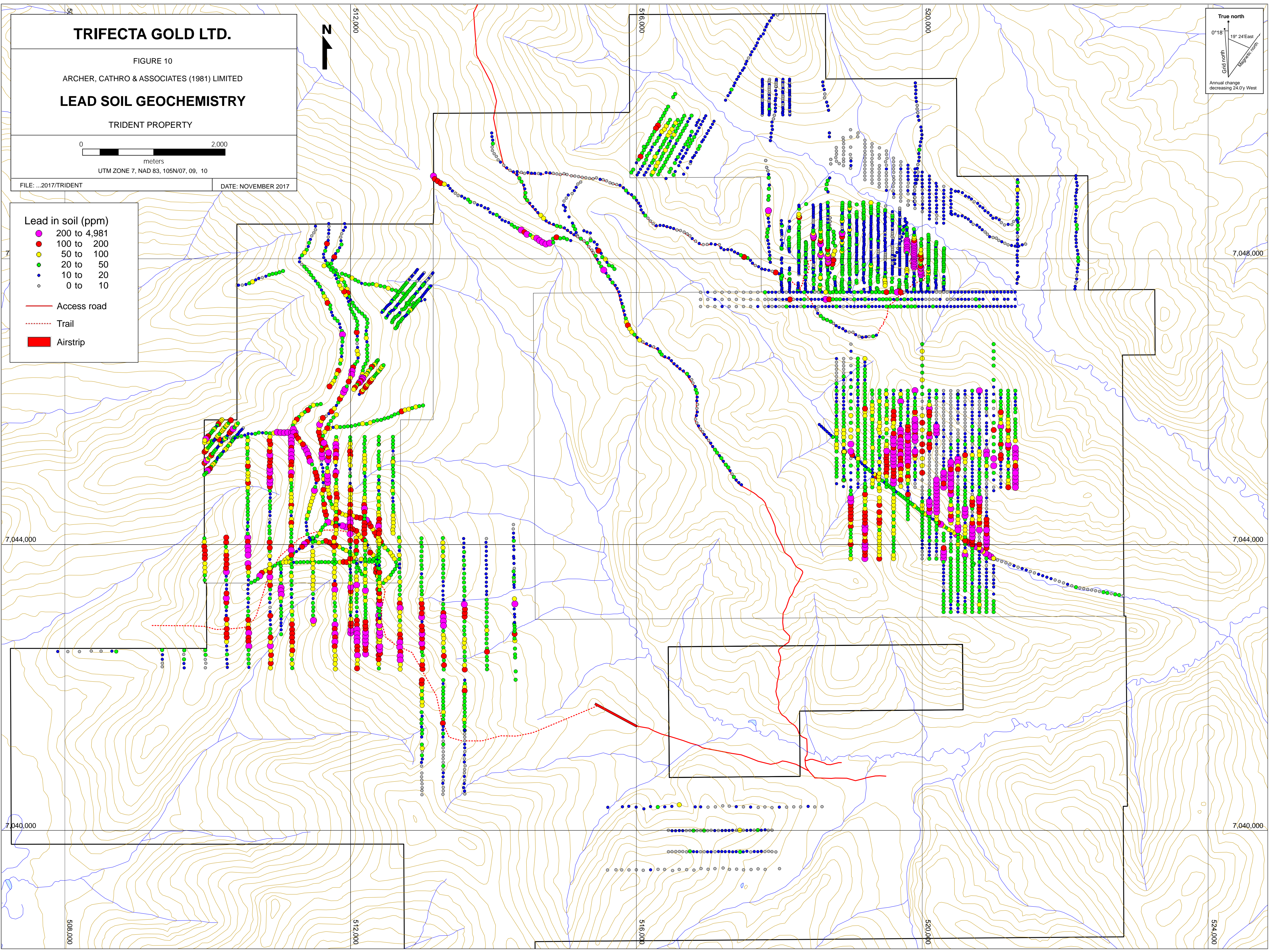
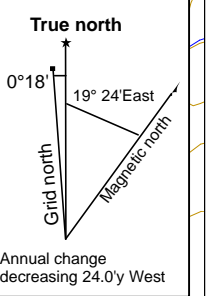
FILE: ...2017/TRIDENT

DATE: NOVEMBER 2017

### Lead in soil (ppm)

- 200 to 4,981
- 100 to 200
- 50 to 100
- 20 to 50
- 10 to 20
- 0 to 10

- Access road
- Trail
- Airstrip



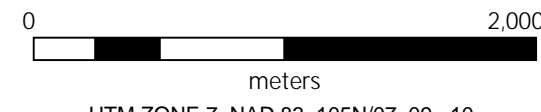
# TRIFECTA GOLD LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

## ZINC SOIL GEOCHEMISTRY

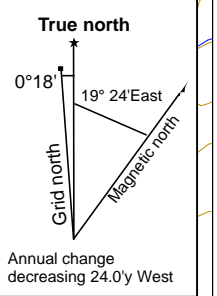
TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 09, 10

FILE: ...2017/TRIDENT

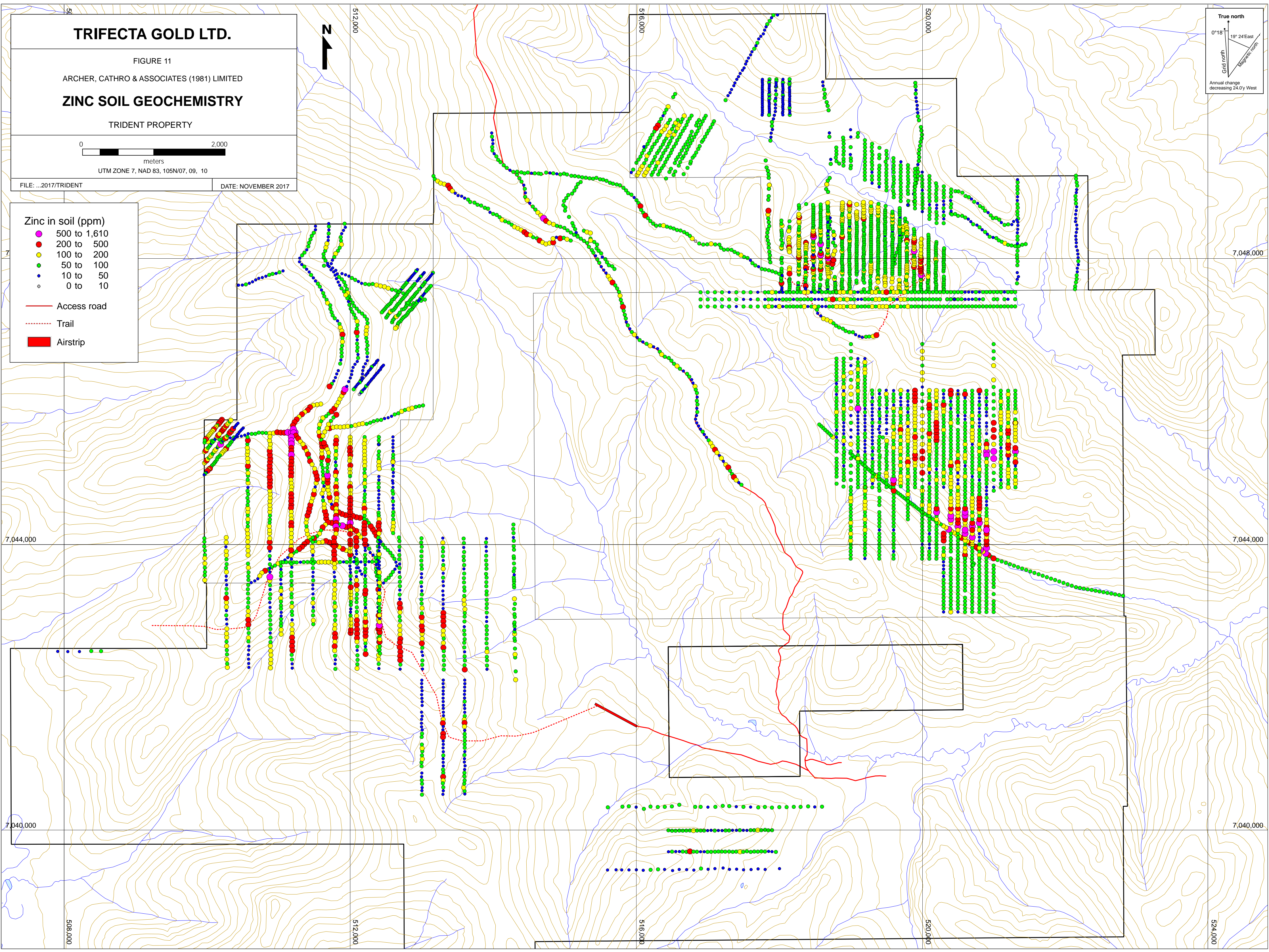
DATE: NOVEMBER 2017



**Zinc in soil (ppm)**

- 500 to 1,610
- 200 to 500
- 100 to 200
- 50 to 100
- 10 to 50
- 0 to 10

— Access road  
- - - Trail  
■ Airstrip



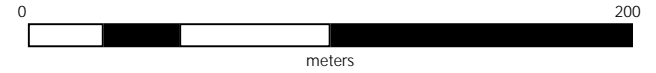
**TRIFECTA GOLD LTD.**

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**2017 DRILL HOLE LOCATIONS**

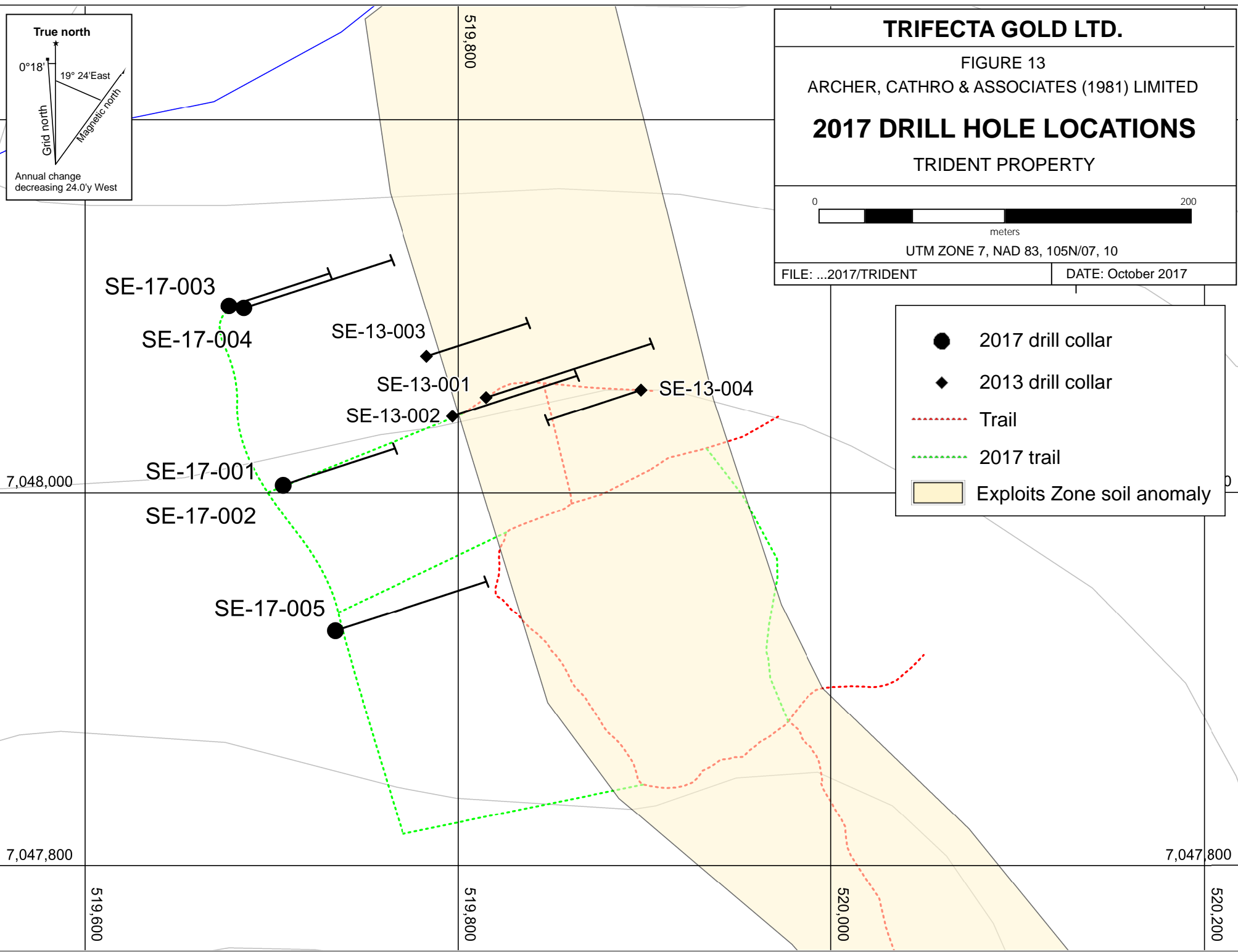
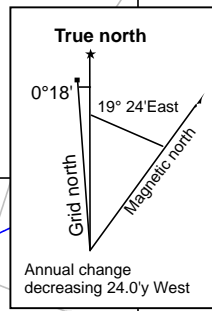
TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 10

FILE: ...2017/TRIDENT

DATE: October 2017



A legend box with a black border containing five entries:

- A black solid circle followed by the text '2017 drill collar'.
- A black solid diamond followed by the text '2013 drill collar'.
- A red dashed line followed by the text 'Trail'.
- A green dotted line followed by the text '2017 trail'.
- A yellow rectangle followed by the text 'Exploits Zone soil anomaly'.

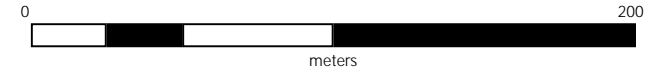
# TRIFECTA GOLD LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

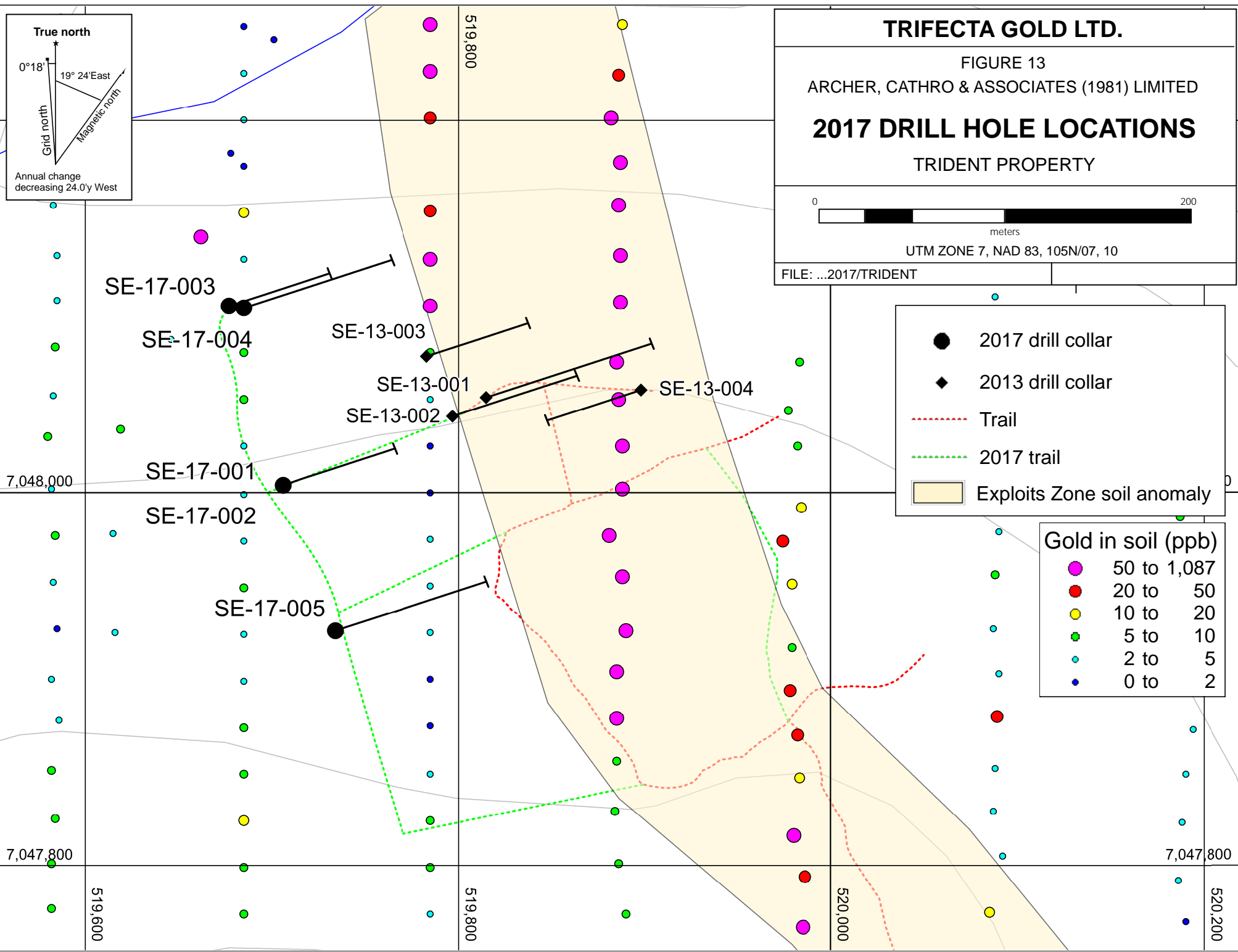
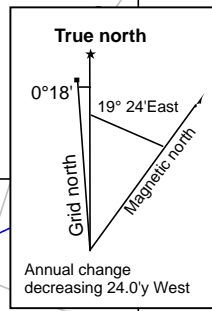
## 2017 DRILL HOLE LOCATIONS

TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 10

FILE: ...2017/TRIDENT



- 2017 drill collar
- ◆ 2013 drill collar
- Trail
- 2017 trail
- Exploits Zone soil anomaly

Gold in soil (ppb)

- 50 to 1,087
- 20 to 50
- 10 to 20
- 5 to 10
- 2 to 5
- 0 to 2

B SE-17-003 SE-17-004 B'

0.598 g/t Au, 0.14 g/t Ag  
3 m

0.534 g/t Au, 46.42 g/t Ag  
5.17 m



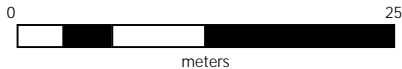
**TRIFECTA GOLD LTD.**

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**DRILL SECTION B-B'**

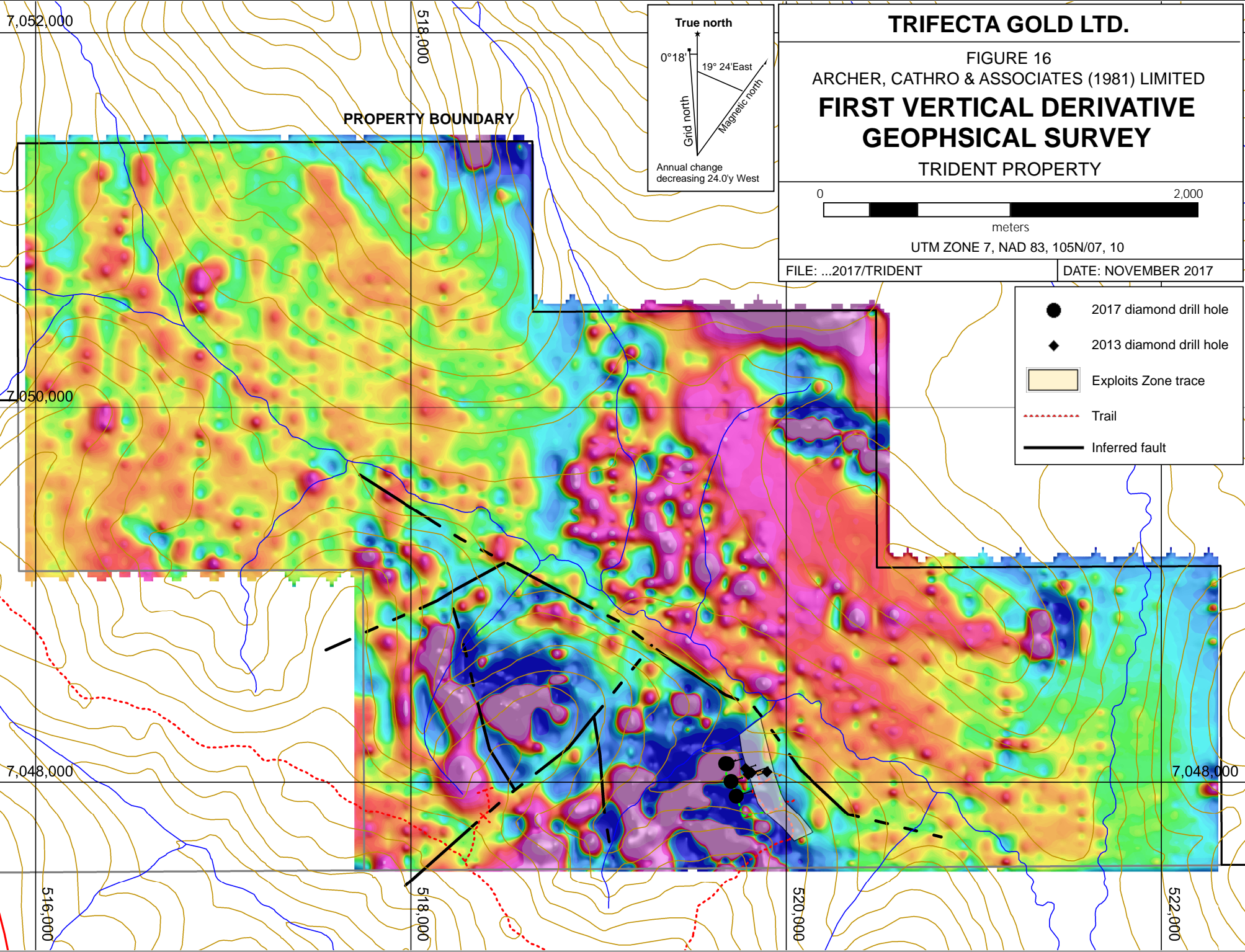
TRIDENT PROPERTY



UTM ZONE 7, NAD 83, 105N/07, 10

88 m

122.5 m

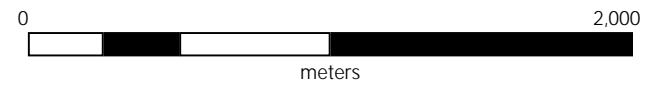


**TRIFECTA GOLD LTD.**

FIGURE 16  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**FIRST VERTICAL DERIVATIVE  
GEOPHYSICAL SURVEY**

TRIDENT PROPERTY



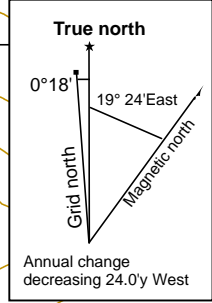
UTM ZONE 7, NAD 83, 105N/07, 10

FILE: ...2017/TRIDENT

DATE: NOVEMBER 2017

- 2017 diamond drill hole
- ◆ 2013 diamond drill hole
- Exploits Zone trace
- Trail
- Inferred fault

PROPERTY BOUNDARY



7,052,000

516,000

7,050,000

7,048,000

7,048,000

516,000

518,000

520,000

522,000

