DRILLING ASSESSMENT REPORT
on the
RUDE CREEK GOLD PROJECT
in the
Dawson Range Gold District, Yukon Territory

In support of YMEP Project No. 19-071
Target Evaluation Module
Yukon Mineral Exploration Program

Royal 1-12	YC60328-39
Ann 1-32, 41-72	YD109321-352, 361-392
Ann 81-107, 120-140	YD109401-427, 440-60
Ann 187-190, 192	YD109507-510, 512
Poker 1-16, 21-56	YD19001-16, 21-40, YD18941-956
Poker 65-68, 70-77, 79-89	YD18965-968, 970-977, 979-989

NTS: 115J/10

Latitude 62°40'N Longitude 138°35'W

Whitehorse Mining District

Work performed from June 4 to 11, 2019
Site visit on June 9, 2019

For
0890763 BC Ltd.
Suite 2200-885 West Georgia St.
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November 12, 2019

1.0 Executive Summary

The 4,157 hectare Rude Creek Gold Project (the "Project") is located at latitude 62°40'N and longitude 138°35'W on NTS map sheet 115J/10, west-central Yukon. It lies approximately 160 km south of Dawson City and 135 km northwest of Carmacks, which are 538 km and 177 km, respectively, by paved highway north of Whitehorse, Yukon Territory. Access is by helicopter, but fixed wing aircraft access can be utilized to the Rude Creek or Casino airstrips for staging purposes and the Casino winter road passes through the Project. The Project, which comprises 204 Royal, Ann and Poker claims within the Whitehorse Mining district, is bisected by Rude Creek within the Dawson Range of the unglaciated portion of the Yukon Plateau. The claims are 100% owned by 0890763 BC Ltd., subject to an option agreement with Michelin Mining Corp. ("Michelin") and two separate underlying net smelter return royalties.

Regionally the Project is located within the Dawson Range gold district, 45 km southeast of Newmont Goldcorp Inc.'s Coffee orogenic type gold deposit, and 80 km south-southeast of the recent Vertigo discovery and 72 km southeast of the Golden Saddle deposit, both orogenic type gold systems owned by White Gold Corp. Orogenic gold mineralization within both districts is preferentially hosted in competent lithologies (e.g. Paleozoic metamorphic basement rocks and younger intrusions) with a strong structural control. Gold mineralization within the White Gold district, which lies just to the north of the Dawson Range gold district, typically exhibits an older, Jurassic age compared to the Cretaceous ages typical within the Dawson Range. The orogenic type gold mineralization at Coffee has recently been dated at 97 to 92 Ma slightly younger than the Mid Cretaceous (99.5 ±0.9 Ma) Coffee Creek pluton (Whitehorse plutonic suite of the Dawson Range batholith), which hosts some of the mineralization.

The Rude Creek Gold Project is almost entirely underlain by generally equigranular granitic rocks of the Dawson Range phase of the Mid Cretaceous Whitehorse plutonic suite, which is intruded by a plug and related dykes and/or sills of the early Late Cretaceous Casino plutonic suite, at the headwaters of Rude and Trombley Creeks, and by part of the late Late Cretaceous Mt. Cockfield stock of the Prospector Mountain suite in the southeastern property area.

The northeast trending apparent sinistral strike slip Dip Creek fault lies just west of the Project and a northerly trending normal fault, east side down, borders the eastern property boundary. A number of northwest trending faults appear to dissect the Project with some east-northeast to northeast trending cross structures. The northwest trending Koe shear zone, which hosts gold-silver-antimony-arsenic bearing chalcedonic, drusy and massive quartz veins and clay-sericite-pyrite alteration approximately 8 km to the southeast, may also extend through the Project.

Documented historical exploration on the Project area, undertaken from 1922 to 1995, concentrated on base metal bearing veins (the Rude Creek silver-lead-zinc fissure vein showing) and porphyry copper exploration. Exploration has included a 22m adit and minor trenching on the Rude Creek showing, minor prospecting, mapping, and stream sediment, with minor soil and rock, geochemistry.

Following the discovery of Fort Knox and then Pogo in Alaska in the 1990's, exploration in the region focused on gold. The Geological Survey of Canada released results from a stream sediment survey in 1986 indicating highly anomalous gold (300 ppb) accompanied by anomalous arsenic, tungsten and antimony from Trombley Creek, a tributary of Rude Creek. The headwaters was staked in 1999 by Prime Properties Syndicate and optioned to Prospector International Resources Inc. Exploration on the area of the Rude Creek Gold Project from 1999 to 2011 by various owners and operators consisted of a property wide helicopter-borne magnetic and radiometric geophysical survey, the collection of 587, primarily contour, soils, and minor prospecting and mapping.

The current Rude Creek Gold Project was acquired in 2010 to 2014 by 0890763 BC Ltd., which from 2010 to 2018 completed: a property wide high resolution fixed wing aerial photographic survey; 496 grid and lesser contour soil samples; and 2.49 km of IP geophysics, 219.5m of rotary air blast drilling in 3 holes and 504.5m of reverse circulation drilling in 5 holes on the Trombley soil anomaly. Total soil coverage across the property is only about 15%.

Two significant gold soil anomalies occur on the Project with associated anomalous bismuth, ±tellurium, and peripheral arsenic, silver, ±antimony and lead. The Trombley anomaly covers an apparently easterly trending 150m by 350m, discontinuous to 550m (due to talus cover), >38 ppb Au soil anomaly underlain by locally tourmaline bearing and chloritized, biotite-hornblende granodiorite. Drilling of the soil anomaly, with a total of 723.9m of percussion drilling in 8 holes intersected two north trending structures returning 0.53 g/t Au over 13.4m including 0.63 g/t Au over 6.1m and 2.14 g/t Au over 1.5m in hole ROYRC17-05 and 0.52 g/t Au over 4.57m including 1.17 g/t Au over 1.5m in ROYRC18-07.

The best gold grades on the Trombley anomaly are coincident with sericite altered granodiorite with about 5 to 10% limonite after pyrite, ±pyrite and arsenopyrite, and minor fine quartz ±carbonate veining. Both the soil grid and most of the drilling were not favourably oriented or positioned to intersect north trending structures. The gold soil anomaly and gold bearing structures remain open to the north, south and somewhat to the east, as well as down dip.

Multiple northerly gold in soil anomalous trends are evident in the Northeast zone, with at least five distinct, linear, 800m long gold anomalies over the 1.5 km wide grid, open in all directions. The Northeast zone also appears to be underlain by biotite-hornblende granodiorite, intruded by a variety of dykes of the Casino and Prospector Mountain suites. Extensive pyrite (up to 15%) and trace chalcopyrite were noted associated with dykes in an outcrop at the western end of the zone.

The 2019 exploration program, consisting of 298.7m of RC drilling in 3 holes targeted the open ended northern extent of the previously undrilled Northeast zone soil anomaly. The program was operated by 0890763 BC Ltd. with the aid of a grant under the Yukon Mineral Exploration Program. This report was prepared to support Yukon Mineral Exploration Program filing and assessment requirements by 0890763 BC Ltd. Anomalous gold, ranging from negligible to 4.25 g/t Au, was encountered at shallow

depths in all three drill holes commonly associated with anomalous silver, lead, bismuth, copper, arsenic and tellurium, ± higher iron.

The most significant drill intercept returned from the 2019 program, and the best intercept from the property to date, is 1.42 g/t Au with 19.5 ppm Ag, 959 ppm Pb, 67.9 ppm Bi, 194 ppm As, 189 ppm Cu and 5.4% Fe over 9.15m at approximately 36m below surface, including 3.75 g/t Au over 3.05m from ROYRC19-09. The central portion of the interval from 44.20 to 47.55 corresponds to a pyritic, clay altered zone that may represent a fault. It is probable the fault is the northeast trending fault thought to disrupt the Northeast zone soil anomalies and may represent a secondary structure to the northwest trending Koe shear zone, thought to lie to the southwest of the Northeast zone. The Koe shear zone hosts gold-silver-antimony-arsenic bearing chalcedonic, drusy and massive quartz veins and clay-sericite-pyrite alteration approximately 8 km to the southeast, off the Project.

The deposit model for the Rude Creek Gold Project is the orogenic type, such as at Newmont Goldcorp's Coffee deposit, and at the Golden Saddle and VG deposits and the newly discovered Vertigo zone of White Gold Corp. The Coffee deposit is hosted by metamorphosed Paleozoic basement rocks of the Yukon-Tanana terrane and the Mid Cretaceous Coffee Creek pluton, of the Whitehorse plutonic suite, with a strong structural control. Northerly and easterly trends dominate. Strong similarities exist between the Rude Creek Gold Project and the Coffee deposit as follows: both are located within the Dawson Range gold district and are, at least in part, hosted by phases of the Whitehorse plutonic suite; north trends dominate at the Supremo zone within the Coffee deposit and have been intersected in drilling at the Trombley zone and are suggested by trends within the Northeast gold soil anomaly on the Rude Creek Gold Project; a strong structural control is indicated at both; and there is a similarity in the size, shape and tenor of the gold in soil anomalies.

The Rude Creek Gold Project constitutes a property of merit based on: favourable geological setting (Dawson Range gold district); competent host rocks (Whitehorse plutonic suite of the Dawson Range batholith); structural complexity (evident within the airborne magnetic data, resistivity/induced polarization data and presence of linear younger dykes); significant gold soil anomalies with associated bismuth, ±tellurium, and peripheral arsenic, silver, ±antimony and lead; significant initial drill intercepts on the Northeast and Trombley zone despite limited drilling, and similarities and proximity to Newmont Goldcorp's Coffee deposit and other significant gold discoveries within the Dawson Range and White gold districts.

A two phase exploration program is recommended with a Phase 1 budget of $120,000, consisting of: additional grid soil sampling in the Northeast and Trombley areas; and detailed mapping, prospecting and structural analysis including a detailed integration and interpretation of the airborne geophysical data. Contingent on results from Phase 1, a $275,000 Phase 2 RC drill budget is proposed to follow up significant anomalies with 1000m of RC drilling in 5 to 6 holes.

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2.0 INTRODUCTION AND TERMS OF REFERENCE

2.1 Qualified Person, Participating Personnel and Scope

Ms. Jean M. Pautler, P.Geo. of JP Exploration Services Inc. ("JPEx"), was commissioned by 0890763 BC Ltd., a company duly incorporated under the laws of the Province of British Columbia, to examine the drill sites, log the RC chips and document the 2019 exploration program on the Rude Creek Gold Project (consisting of the Royal, Ann and Poker claims) and to make recommendations for the next phase of exploration work in order to test the resource potential of the property. An estimate of costs has been made based on current rates for trenching, soil and geophysical surveys, drilling and professional fees in the Yukon Territory.

This report describes the geology, history, mineral potential of the Rude Creek Gold Project and recent exploration by 0890763 BC Ltd. The 2019 exploration program, completed from June 4 to 11, consisted of 298.7m of RC drilling in 3 holes to test the Northeast gold soil anomaly. The 2019 program was operated by 0890763 BC Ltd. with the aid of a grant under the Yukon Mineral Exploration Program. This report was prepared to support Yukon Mineral Exploration Program filing and assessment requirements of 0890763 BC Ltd.

The drill program was completed by Midnight Sun Drilling Inc. ("Midnight Sun") based in Whitehorse, Yukon and directed by Bart Jaworski of 0890763 BC Ltd. The author visited the drill sites on June 9, 2019 and subsequently logged the RC chips from June 21 to 24.

2.2 Terms, Definitions and Units

All costs contained in this report are denominated in Canadian dollars. Distances are reported in metres (m) and kilometres (km). GPS refers to global positioning system with co-ordinates reported in UTM grid, Zone 7, Nad 83 projection. Minfile showing refers to documented mineral occurrences on file with the Yukon Geological Survey. The annotation 020º/55ºE refers to an azimuth of 020º, dipping 55º to the east. Ma refers to a million years in geological time.

RAB refers to rotary air blast, a type of percussion drilling and RC to reverse circulation, another type of percussion drilling in which the cuttings are returned to surface inside the rods as opposed to outside as in RAB drilling. RC drilling utilizes much larger rigs and machinery and is capable of reaching greater depths (500m) than RAB drilling (about 100m). TMI refers to total magnetic intensity and FVD to first vertical derivative with respect to magnetic geophysical surveys. IP refers to an induced polarization type of geophysical survey useful in detecting disseminated sulphides.

The term ppm refers to parts per million, which is equivalent to grams per metric tonne (g/t) and ppb refers to parts per billion. The abbreviation oz/ton and oz/t refers to troy ounces per imperial short ton. The symbol % refers to weight percent unless otherwise stated.

Elemental abbreviations used in this report include gold (Au), silver (Ag), copper (Cu), lead (Pb), zinc (Zn), arsenic (As), antimony (Sb), tellurium (Te), bismuth (Bi), tungsten (W), tin (Sn) and mercury (Hg). Minerals found on the property include pyrite (iron sulphide), limonite (hydrated iron oxide), arsenopyrite (iron, arsenic sulphide), magnetite and hematite (iron oxides), galena (lead sulphide), sphalerite (zinc sulphide), malachite (hydrated copper carbonate), chalcopyrite (copper sulphide) and molybdenite (molybdenum sulphide).

2.3 Source Documents

Sources of information are detailed below and include available public domain information and private company data. Individual reports are identified under Section 27.0, “References”.

- Research of the Minfile data available for the area at *http://data.geology.gov.yk.ca* on January 3, 2019.
- Research of mineral titles at http://www.yukonminingrecorder.ca, http://mapservices.gov.yk.ca/YGS/ and http://apps.gov.yk.ca/ymcs on ad November 12, 2019.
- Review of company reports and annual assessment reports filed with the government at http://virtua.gov.yk.ca:8080/?theme=emr.
- Review of geological maps and reports completed by the Yukon Geological Survey or its predecessors.
- Review of published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- Review of pertinent news, and publicly available data, on 0890763 BC Ltd. and Michelin Mining Corp.
- Company data of 0890763 BC Ltd., including a review of all exploration programs, and the option agreement and amendment. The option agreement and amendment are discussed in Section 4.2, “Land Tenure”.
- An examination of the drill sites by the author on June 9, 2019, near the end of the RC drill program, and subsequent logging of the RC chips. A previous site visit was completed by the author on January 17, 2019, with a review of the 2017 and 2018 RC chips on February 14, 2019 which are stored at the Bostock core library in Whitehorse.
- The author has conducted recent exploration, including property examinations, within the Dawson Range between 2005 and 2019, exploration through the area in the 1990’s for Teck Exploration Ltd. and has prior experience conducting regional and property exploration with Kerr Addison Mines in the area from 1983 to 1988. The author has examined the Coffee, Golden Saddle, Casino, Revenue-Nucleus and Klaza deposits, the Mount Nansen mine and the Sonora Gulch, Mariposa and Vertigo occurrences.

3.0 RELIANCE ON OTHER EXPERTS

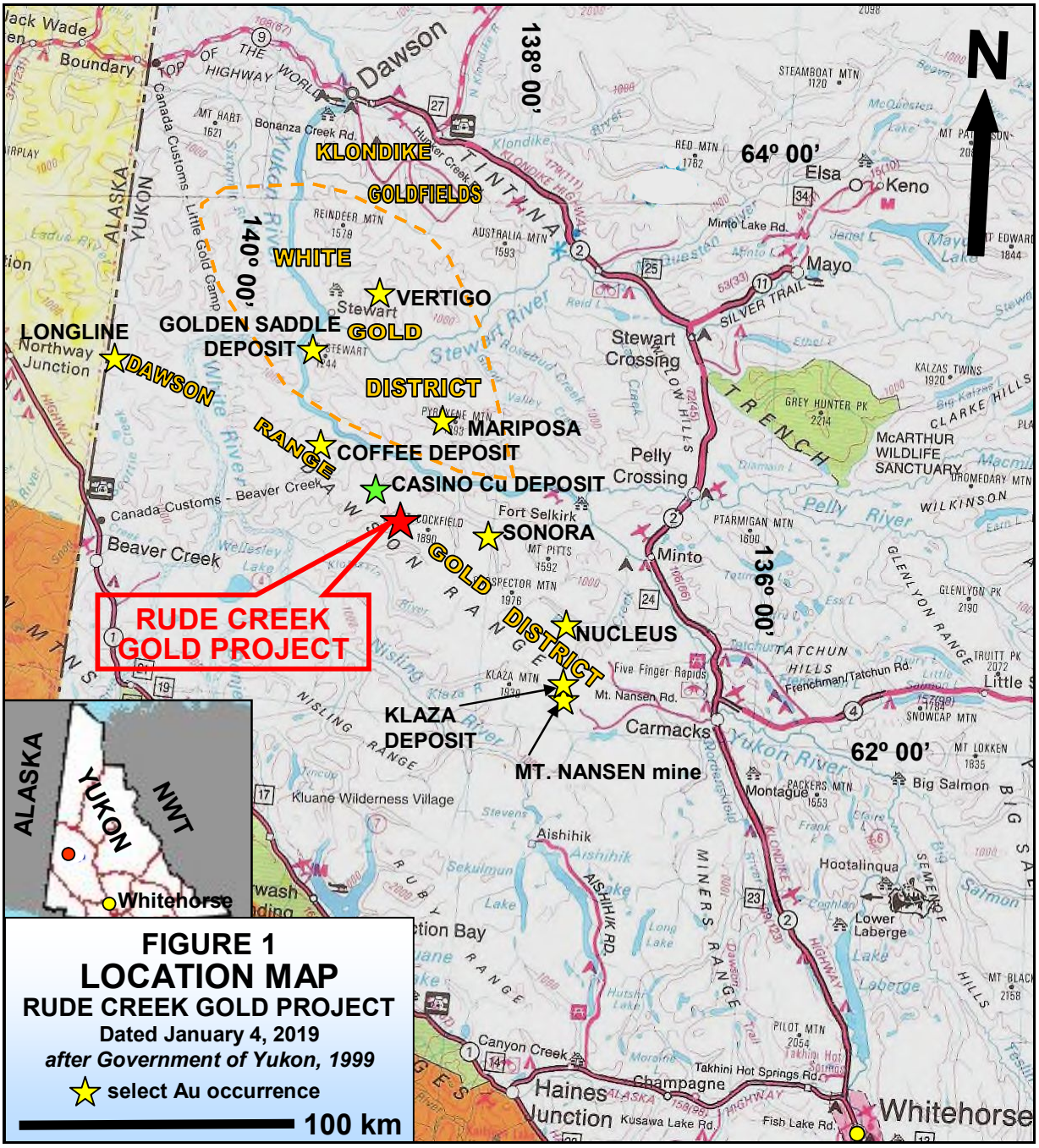
The author has not relied upon other experts in regards to legal, environmental, political or other issues relevant to this report. Mineral title data was researched by the author at http://www.yukonminingrecorder.ca, http://mapservices.gov.yk.ca/YGS/ and http://apps.gov.yk.ca/ymcs on February 15, 2019. The signed option agreement and amendment were provided by 0890763 BC Ltd. The title and option information was relied upon to describe the ownership of the property, claim summary and option agreement summary in Section 4.2, “Land Tenure”.

4.0 PROPERTY DESCRIPTION AND LOCATION

4.1 Location (Figure 1)

The Rude Creek Gold Project is located in west-central Yukon at latitude 62°40’N and longitude 138°35’W on NTS map sheet 115J/10. It lies approximately 160 km south of Dawson City, 135 km northwest of Carmacks and 120 km northeast of Beaver Creek, Yukon Territory, which are 538 km and 175 km north and 446 km northwest, respectively, by paved highway from Whitehorse, Yukon Territory *(Figure 1)*. Although Beaver Creek is the closest community it is the smallest, with a population of about 100 people, fewer facilities and no helicopter base.

In 2019, the Casino camp, 15 km northwest of the drill sites on the Rude Creek Project, was used as a base of operations with Room and Board for the drill crew supplied at the camp. A Trans North Helicopter was based here, which was used for staging and daily access to the drill sites.



4.2 Land Tenure (Figures 2 and 15)

The Rude Creek Gold Project consists of 204 Yukon Quartz Mining claims covering an area of approximately 4,157 hectares in the Whitehorse Mining District *(Figure 2)*. The area is approximate since claim boundaries have not been legally surveyed. The mineral claims were located by GPS and staked in accordance with the Yukon Quartz Mining Act on claim sheet 115J/10, available for viewing in the Whitehorse Mining Recorder's Office. A table summarizing pertinent claim data follows.

TABLE 1: Claim data

Claim Name	Grant No.	No. of Claims	Expiry Date*
Royal 1-12	YC60328-39	12	04/19/2035
Ann 1-32, 41-72	YD109321-352, 361-392	64	11/21/2033
Ann 81-107, 120-140	YD109401-427, 440-60	48	11/21/2033
Ann 187-190, 192	YD109507-510, 512	5	11/21/2033
Poker 1-16	YD19001-16	16	11/21/2032
Poker 21-56	YD19021-040, 18941-956	36	11/21/2032
Poker 65-68, 70-76	YD18965-968, 970-976	11	11/21/2032
Poker 77	YD18977	1	11/21/2034
Poker 79-89	YD18979-89	11	11/21/2032
TOTAL		**204**	

* assessment work has not as yet been filed but will extend the expiry dates an additional 4 years

All claims are 100% owned by 0890763 BC Ltd. *(website at http://gysde.gov.yk.ca)*, subject to two 2.0% net smelter returns royalties ("NSR") due on the Royal and on the Poker claims upon commencement of commercial production, of which 1.0% of each may be purchased for $2,500,000.

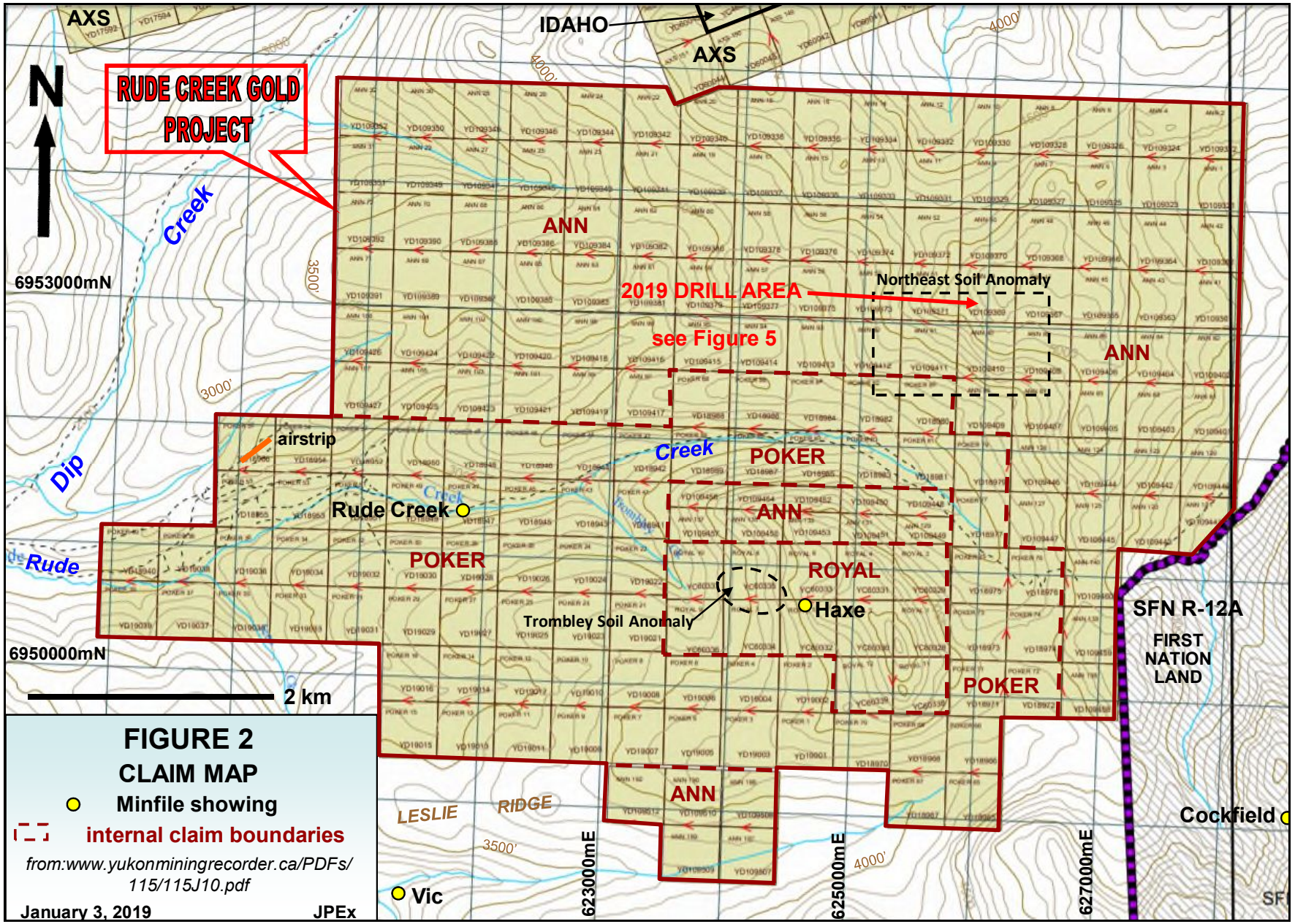
All claims are subject to an option agreement with Michelin Mining Corp. in a letter of agreement dated November 16, 2018 (Effective Date), and amended January 17, 2019 whereby Michelin can earn a 70% interest in the claims through a series of staged payments and issuance of shares to 0890763 BC Ltd. and completion of exploration expenditures over a 4 year term, totaling $2,500,001 cash, 3,950,000 common shares, and $4,120,000 in exploration expenditures. The Option date in the agreement is 60 days from the Effective Date, being January 15, 2019. Michelin must complete a Going Public Transaction by January 15, 2020. The operator of the Project will be 0890763 BC Ltd. during the option term.

TABLE 2: Option agreement summary

Timing	$ Cash (*Jan. 15)	Shares (*Jan. 15)	$ Expenditures (*Jan. 15)
Effective Date	1		
Year 1, * 2020	200,000	200,000	120,000ŧ
Year 2, * 2021	300,000	500,000	500,000
Year 3, * 2022	500,000	750,000	1,000,000
Year 4, * 2023	1,500,000	2,500,000	2,500,000
TOTAL	**2,500,001**	**3,950,000**	**4,120,000**

ŧ due on the Option Date as a nonrefundable deposit to be applied to Year 1 expenditures

Michelin and 0890763 BC Ltd. will enter into a 70/30 joint venture agreement following exercise of the option. A 3.0% NSR will be retained by 0890763 BC Ltd., of which 1.0% may be purchased for $2,000,000. This 3.0% NSR will be reduced by any amounts owing (i.e. the 2.0% NSR) on both the Royal and Poker claims. Annual cash advance payments of $10,000, deductible against the royalty, are payable starting on the Option Exercise date until commencement of commercial production.


AXS
IDAHO
AXS
N
RUDE CREEK GOLD PROJECT
Creek
6953000mN
ANN
2019 DRILL AREA
see Figure 5
Northeast Soil Anomaly
ANN
3500'
3000'
4000'
airstrip
Dip
Creek
POKER
Rude Creek
ANN
Rude
POKER
ROYAL
Haxe
Trombley Soil Anomaly
6950000mN
2 km
SFN R-12A
FIRST NATION LAND
POKER
ANN
LESLIE RIDGE
3500'
4000'
Cockfield
Vic
623000mE
625000mE
627000mE
FIGURE 2
CLAIM MAP
Minfile showing
internal claim boundaries
from:www.yukonminingrecorder.ca/PDFs/115/115J10.pdf
January 3, 2019
JPEx

The Rude Creek Gold Project is located within the Traditional Territory of the Selkirk First Nation. The First Nation has settled their land claims, with no First Nation settlement land within the Project area. A large parcel of First Nations surveyed Category A land (SFN R-12A), with surface and subsurface rights, adjoins the southeastern Project area, covering Mt. Cockfield. No significant First Nation or other concerns are anticipated. The land in which the mineral claims are situated is Crown Land and the mineral claims fall under the jurisdiction of the Yukon Government. Surface rights would have to be obtained from the government if the property were to go into development.

A mineral claim holder is required to perform assessment work and is required to document this work to maintain the title as outlined in the regulations of the Yukon Quartz Mining Act. The amount of work required is equivalent to $100.00 of assessment work per quartz claim unit per year. Alternatively, the claim holder may pay the equivalent amount per claim unit per year to the Yukon Government as “Cash in Lieu” to maintain title to the claims.

Preliminary exploration activities do not require permitting, but significant drilling, trenching, blasting, cut lines, and excavating may require a Mining Land Use Permit that must be approved under the Yukon Environmental Socioeconomic Assessment Act (YESSA). A Class I notification (number C1Q00086) was in place for the Project and valid to June 7, 2019, but is not required within the Project area. Additional notification and permits will be applied for as needed. To the author’s knowledge, the Rude Creek Gold Project area is not subject to any environmental liability.

Active placer claims, owned by Andre Fournier, extend along Rude Creek *(Figure 15)*, but do not impact exploration on the mineral claims.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY (Figures 1 to 2)

5.1 Access, Local Resources and Infrastructure (Figures 1 to 2)

The Project is accessible via helicopter from Dawson City, 160 km to the north, or seasonally from Carmacks, 135 km to the southeast *(Figure 1)*. Dawson City and Carmacks are accessed by year-round highway approximately 538 km and 175 km, respectively, north of Whitehorse, Yukon. Daily flight service is available from Whitehorse to Dawson City. The Minto airstrip, 75 km north of Carmacks lies 87 km to the east-southeast of the property.

The Project also lies 75 km northwest of the Nucleus deposit, which lies near the end of the Freegold road, about 82 km by road from Carmacks. The 126 km long Casino winter road extends from here through the Sonora Gulch property to the Casino deposit, passing through the Project area, along Rude Creek. The Sonora Gulch - Casino portion was reportedly used in 2010 by Western Copper. An upgrade of the Casino winter road and Freegold road is part of the Yukon Resource Gateway project designed

to provide infrastructure to resources and is being funded by the Yukon and Federal governments, scheduled to be completed by 2025.

Access is also available by fixed wing aircraft to the 650m long Rude Creek airstrip on the Poker 56 claim at approximately 620150mE, 6951750mN, Nad 83, Zone 7 *(Figure 2)*. A local road connects the airstrip, which is being maintained by the local placer miner, to the placer camp, about 1.3 km upstream.

Water is primarily available from Rude Creek, which bisects the property, and its tributaries, as well as from other westerly flowing tributaries of Dip Creek. The creeks generally flow from May until October.

Dawson City is the closest town of significant size, with a population of approximately 2020, but draws some 60,000 visitors each year. Facilities include an airport (with regular air service from Whitehorse, Yukon Territory and Fairbanks, Alaska), fixed wing aircraft bases, two helicopter bases, a hospital, police station, service stations, two grocery stores, accommodation and restaurants. Industrial services include tire repair, propane sales, welding and machine shops, heavy equipment repair and rental, a lumber mill, and freight and trucking companies. Heavy equipment and a mining oriented labour force are available for contract exploration and mining work. Main industries are tourism and gold mining. More complete facilities and a larger mining oriented labour force are available in Whitehorse.

Carmacks has a population of approximately 500, a gravel airstrip suitable for medium sized aircraft, but no aircraft base. Facilities include a grocery store, nursing station, police station, two service stations, accommodation, a restaurant and a café. Some heavy equipment is available for contract mining work. Whitehorse lies less than two hours by paved highway to the south.

5.2 Physiography, Climate and Infrastructure (Figures 1 to 2)

The Project is situated near the eastern margin, but within, the unglaciated portion of the Yukon Plateau in the Dawson Range of west-central Yukon *(Figures 1 to 2)*. Local alpine glaciation occurred at Mt. Cockfield with evidence of a lobe, having extended along upper Victor Creek, at the southern margin of the Project. The topography is characterized by broad ridges, convex slopes and v-shaped valleys. The soil is dominated by colluvium, with weathered bedrock locally on the ridges, and permafrost is widespread but discontinuous, primarily on north facing slopes *(Bond and Lipovsky, 2012)*.

The Project area is drained by westerly flowing tributaries of Dip Creek, including Rude Creek, which bisects the property, and Victor Creek. Dip Creek flows into the Klotassin River to the Donjek, White, then into the Yukon River. The north and eastern Project area is drained by Battle Creek, which flows northerly into the Selwyn River and thence into the Yukon River. Elevation ranges from about 2,480 feet along Rude Creek to just over 5,400 feet above sea level on peaks in the northeastern property area *(Figure 2)*.

Vegetation is typical boreal forest consisting of white spruce, birch and poplar on well-drained slopes and black spruce on poorly drained frozen north facing slopes with moss, talus and felsenmeer at higher elevations. Outcrop is commonly found as tors on ridgetops and as local exposures along creeks.

The area has a northern interior climate characterized by a wide temperature range with warm summers, long cold winters and moderate precipitation. Summers are warm, with daily averages in July of about 20°C dropping to 8°C at night. Winters are cold, with January temperatures of -20°C during the day, dropping to -30°C overnight and -45°C is not uncommon. Annual precipitation is moderate with much of it as snow. The exploration season lasts from late May until October.

Although there do not appear to be any topographic or physiographic impediments, and suitable lands appear to be available for a potential mine, including mill, tailings storage, heap leach and waste disposal sites, engineering studies have not been undertaken and there is no guarantee that areas for potential mine waste disposal, heap leach pads, or areas for processing plants will be available within the subject property. The nearest source of hydro-electric power is Minto.

6.0 HISTORY (Figures 2, 3 and 15)

The Rude Creek Gold Project covers the Haxe anomaly and Rude Creek showing, both documented as silver-lead-zinc+/-gold polymetallic vein occurrences (Minfile Numbers 115J 020 and 021) by the Yukon Geological Survey *(Deklerk, 2009 and http://data.geology.gov.yk.ca/) (Figures 2 and 15).*

Documented historical exploration on the Project area, undertaken from 1922 to 1995, focused on base metal bearing veins and copper porphyry exploration and has included a 22m adit, minor trenching, prospecting, mapping and stream sediment, with minor soil and rock geochemistry. One old cat trench (1981) was found along the ridge, about 2 km west of the Trombley zone.

Placer mining on Rude Creek has been sporadic. It commenced in 1915 until the 1920's, recommenced in 1933 to 1954, during 1980 and 1981, again from 1987 to 1991 and once more in 2010, generally continuing to present. Reported placer gold production from 1978 to 2017 on Rude Creek is 5,286 crude ounces *(Jeffrey Bond, personal communication, 2019)*. Current placer claims are shown on Figure 15. Gold in Rude Creek is reported to be flaky and bright with small nuggets, and a purity of 840 to 860 fine *(Kreft, 1994)*. Minor amounts of bismuth and scheelite (calcium tungstate), and significant amounts of magnetite and galena are also reported.

A summary of the historical work completed by various operators on the Rude Creek Project (unless stated otherwise) as documented in Yukon Minfile *(Government of Yukon, 2018)*, various government publications of the Yukon Geological Survey or its predecessor *(Mineral Industry Reports and Yukon Exploration and Geology)* and the Geological Survey of Canada, and company publications (primarily available as assessment reports filed with the government), is tabulated below. The locations of the

occurrences, known mineralized zones and important natural features are shown in Figures 2, 3, and 15 in relation to the outside property boundaries.

Rude Creek showing:

1915 An outcrop containing galena was discovered along Rude Creek during placer activity, but no work is documented at this time *(Deklerk, 2009)*.

1921-4 The showing was restaked and explored by hand trenching and a 21.9m adit on the south side of the creek in 1922 to 1924. The showing consists of a 4.26m long and up to 1m wide, easterly trending carbonate (possible siderite) fissure vein mineralized with galena-sphalerite-pyrite returning, 0.34 g/t Au, 4198 g/t Ag and 37% Pb over 11 cm *(Cockfield, 1927)*.

1947-53 The showing was restaked and explored by trenching but no results are documented *(Deklerk, 2009)*. Four long trenches were later observed above the adit on the south side of the creek by Nordex Explorations Ltd. ("Nordex").

1965-6 Nordex visited and confirmed the grade of mineralization at the showing by sampling the dump (following restaking by prospectors Meloy and Proctor) and acquired the claims due to the discovery of significant silver-lead-zinc polymetallic veins at the Bomber showing (about 2 km south of Casino). Nordex subsequently staked additional claims and explored by silt sampling with about 66 samples (analyzed for Cu, Pb and Zn) on or draining the current Project area *(Taylor, 1966)*. No significant silt results were obtained, but a northwest trending fault *(Figure 4)*, thought to be associated with veins further northwest, was interpreted from airborne geophysical data to follow Jens Creek *(Taylor, 1966)*. Polymetallic veins commonly occur peripheral to porphyry copper ±molybdenum-gold deposits.

This appears to be the origin of the Haxe Minfile anomaly, but no lead and zinc anomalies were found and the actual polymetallic vein exposures mentioned refer to the Rude Creek and Vic showings. The Haxe Minfile area was actually staked as a porphyry copper target as discussed below.

1980-1 W.J. Crawford performed stripping and trenching in 1980 and 1981 on claims staked over the Rude Creek showing area, in conjunction with nearby gold placer mining *(Deklerk, 2009)*. A bulldozer trench, observed along the ridge at 621667mE, 6950428mN by Boomerang in 2011, was probably completed at this time to explore for the southern extent of the silver-lead-zinc fissure vein. A point silver soil anomaly occurs here, but no anomalous rock geochemistry was obtained *(Andersen, 2011)*.

Following the discovery of the Casino porphyry copper deposit in the late 1960's, 15 km northwest of the Project, work in the Dawson Range was aimed at porphyry copper exploration, with a small and poorly mineralized porphyry copper-molybdenum showing found 5 km southeast of the central Rude Creek Project (Mt. Cockfield, Minfile Number 115J 017). Drilling of 1479.5m in 6 holes in 1970 averaged about 0.03% Cu and 0.013% Mo, associated with the Mt. Cockfield stock *(Deklerk, 2009)*. Consequently a number of porphyry copper directed programs were completed over the Project area.

1969-70 The current Trombley zone (Haxe Minfile area) was staked as the Axe and the headwaters to the east as the Hill claims by Montana Mines Ltd., which collected minor reconnaissance rock and 28 soil samples, analyzed for Cu, Pb, Zn, and Mo *(Fulcher, 1971)*. They reported anomalous values of 384 ppm Cu and 10 ppm Mo in soil

associated with pyritic fractures in granite over a 250m length in the extreme eastern Project area, bordering SFN R-12A *(Figure 2)*.

1969-72 Newmont Mining Corporation completed stream sediment sampling in the Project area (analyzed for Cu, Mo and Zn) and staked the Co claims to the east of the current Project area. Follow up soils, a ground magnetic survey *(Dolan and Costin, 1970)* and drilling led to the discovery of the Mt. Cockfield porphyry copper-molybdenum showing which is covered by SFN R-12A *(Figure 2)*.

1970 A stream sediment survey conducted for Nickel Hill Mines Ltd., and Pathfinder Resources Ltd. by Alrae Engineering Ltd., the southeastern portion of which covered the current Project area, indicated anomalous copper along Rude Creek *(Trowsdale, 1970)*.

1970 A reconnaissance grid soil survey, to follow up anomalous Cu and Mo in silts in Victor Creek, was conducted for Great Horn Mining Syndicate Inc., by International Mine Services Ltd., the northern portion of which covered the very southern current Project area. Samples were analyzed for Cu, Mo and Pb and identified a copper anomaly in the headwaters of Victor Creek, just south of the southeast Project area *(Waugh, 1970)*.

1991 The very western part of Walhalla Explorations Ltd.'s Battle Creek property extended onto the eastern Project area but no work was conducted on the current Project *(Doherty, 1992)*.

1995 The Battle claims were restaked by Cominco Ltd., including more ground to the west than previous, which covered the current Trombley zone as well as the headwaters of Rude Creek. About 82 contour soil samples were collected from the Project area at a 100m spacing and analyzed for Cu, Pb, Zn, Ag and Au, but no significant results were obtained. Prospecting/mapping indicated trace chalcopyrite, malachite and molybdenite in a pyritic zone on the hilltop above the Haxe Minfile location and Trombley zone ("Hilltop" plug, now mapped as Casino suite). Disseminated molybdenite, chalcopyrite, magnetite ±malachite also occurs with pyrite on the ridge between Rude and Battle Creeks, associated with aplitic dykes. Strong disseminated pyrite (10-15%) with rare chalcopyrite was found at the western end of the current Northeast gold soil anomaly, associated with what appears to be Casino and Prospector Mountain suite dykes.

In the 1980's, the emphasis generally switched to precious metal exploration through the Dawson Range due to the discovery of the Mt. Skukum mine and activity at the Mt. Nansen mine. There was a resurgence in gold exploration in the late 1990's with emphasis on intrusion related gold targets following the discovery of Fort Knox and then Pogo (originally thought to be of this type) in Alaska. Gold exploration was renewed and rocketed in 2009 with the discovery of the Golden Saddle deposit at White Gold by Underworld Resources Ltd. (now owned by White Gold Corp.) and subsequent discovery of the Coffee deposit in 2011 by Kaminak Gold Corp. (now owned by Newmont Goldcorp Inc.). The recent discovery in 2018 and 2019 of high grade gold at the Vertigo and Titan showings of White Gold Corp. has intensified exploration in the region. The above deposits will be discussed in more detail under section 8.0, "Deposit Type". Gold exploration on the Project is summarized below.

1985-6 Archer, Cathro & Associates (1981) Ltd. added the Hen & Oke claims to their Mt. Cockfield property, which extended it into the southeastern portion of the current Project. It was sold to Nordac Mining Corporation, which explored for gold-silver

mineralization, but no work was conducted on the Project area *(Carne, 1987)*. This work is related to the Mt. Cockfield Minfile copper-molybdenum porphyry showing just southeast of the Project. Further southeast, gold-silver bearing veins, associated with a northwest trending shear zone (Koe Shear), were being explored by Kerr Addison Mines from 1983 to 1986 *(Arscott, 1986)*. The area is now covered by SFN R-12A *(Figure 2)*, but the shear zone may extend about 8 km to the northwest along trend to the vicinity of the Northeast zone.

1999-2000 Prime Properties Syndicate staked the EIO claims within the current Project to cover the headwaters of Trombley Creek from which a 300 ppb Au in silt anomaly was obtained in a stream sediment survey by the Geological Survey of Canada ("GSC") with anomalous As, W, Sb, moderate Mo and lesser Sn; Bi and Te were not analyzed *(GSC, 1986)*. It was optioned to Prospector International Resources Inc. ("Prospector International"), which conducted geochemical sampling (91 soil, 1 silt and 4 rock samples) and prospecting, outlining a discontinuous 150 by 550m east trending Au-As-Bi-Ag anomaly (Trombley soil anomaly) with peak values of 1254 ppb Au, 3.07 g/t Ag, 163.1 ppm As and 17.84 ppm Bi *(Jaworski and Meyer, 2000 & Jaworski and Vanwemeskerken, 2001)*.

A fluid inclusion analysis by Cadence Mineral Resources Inc. on potassically altered, tourmaline bearing granodiorite from the Trombley area indicated high temperature alteration from a relatively shallow deposit (< 1 kbar depth) and/or the top of a system and was consistent with vein and intrusion related gold systems *(Jaworski and Meyer, 2000)*. The claims expired in 2004 to 2005.

2007-8 The Royal 1-12 claims were staked by Shawn Ryan in 2007 to cover the Trombley soil anomaly and proximal magnetic high anomaly. About 74 ridge and spur soil samples were collected in 2008 from the current Project area at a 100m spacing, returning low level anomalies with peak values of 32 ppb Au, 62.5 ppm As and 2.3 ppm Bi *(Ryan, 2008)*. It should be noted that ridge and spur sampling over the Latte zone at the Coffee deposit would only have returned a spot >50 ppb Au soil anomaly.

2010 A program of reconnaissance geochemical sampling (224 soil, 13 rock and 2 bulk stream samples) and mapping was conducted on the Poker claims by Boomerang Exploration Ltd. ("Boomerang"). It was successful in relocating the Rude Creek polymetallic vein showing and returning anomalous soil results with a notable Cu, Mo, Bi, Sb, Sn, W, Ag ±Au anomaly at the boundary of Poker 79 and 81, about 500m south of the current Northeast soil anomaly. A bulk stream sample from near the mouth of Trombley Creek yielded 3.16 g/t Au *(Andersen, 2011)*. The 2010 program was funded by Silver Quest Resources Ltd. (now Independence Gold Corp.) which optioned the claims later in the year.

2010-11 The Ann claims were staked by 0890763 BC Ltd. in 2010, surrounding the Poker claims, and were also optioned to Silver Quest Resources Ltd. A program consisting of a 1351 line km helicopter-borne magnetic and radiometric geophysical survey over a larger area including the entire Project and a reconnaissance soil survey, with about 133 samples at a 100m spacing on the current Project, was conducted by Silver Quest Resources Ltd. in 2011 under option. The geophysics survey confirmed a magnetic high anomaly centred around the headwaters of Rude Creek *(Congdon, 2011)* and the soil survey identified a roughly 2 by 3 km Au-Bi-As-W-Sn anomaly in the northeast property area (Northeast soil anomaly) including a value of 87 ppb Au (98^{th} percentile was 18.6 ppb Au) *(Cote, 2015a)*.

2011 Ethos Gold Corp. (formerly Ethos Capital Corp.) undertook a reconnaissance geological evaluation and a small 65 soil sampling program on the Royal claims under

option from Ryan. More detailed sampling was recommended based on anomalous gold in soil results spatially associated with the mapped quartz feldspar porphyry plug on the hilltop (Hilltop plug) above the Trombley soil anomaly *(Tallman, 2012)*.

The Royal and Poker claims were optioned by 0890763 BC Ltd. in 2014 and together with its Ann claims form the current Rude Creek Gold Project. Work conducted on the Project by 0890763 BC Ltd. consisted of the collection of 496 grid and lesser contour soil samples, 2.49 km of IP geophysics, a property wide high resolution fixed wing aerial photographic survey, 219.5m of RAB drilling in 3 holes and 504.5m of RC drilling in 5 holes as follows.

Work by 0890763 BC Ltd.:

2014 A program consisting of a 172 sample soil geochemical survey, to validate and infill previous geochemical surveys, and 2.49 km of IP geophysics was conducted all on the Trombley soil anomaly area *(Cote, 2015a)*. The surveys identified strong anomalies with a northwest trend.

2015 A program consisting of 129.8m of RAB drilling in 2 holes and a 166 sample soil geochemical survey to extend the Trombley anomaly to the west and to infill previous reconnaissance soil lines in the northeast was conducted. Additional anomalous soils were identified at the Northeast soil anomaly, but the drill program did not return significant results *(Cote, 2015c)*.

2016 A program consisting of a high resolution fixed wing aerial photographic survey over the entire property, one RAB drill hole on the Trombley soil anomaly and a 158 sample soil grid over the Northeast soil anomaly resulted in the delineation of a 600m long and 300 to 400m wide strong gold in soil anomaly within a broader anomaly about 2 km northeast of the Trombley soil anomaly *(Fage, 2016)*. The RAB hole encountered weak gold mineralization of 0.2 g/t over 7.6m *(Fage, 2016)*.

2017-18 Follow up with 504.5m of RC drilling in 5 holes on the Trombley soil anomaly returned 0.53 g/t Au over 13.4m including 0.63g/t Au over 6.1m and 2.14 g/t Au over 1.53m in hole ROYRC17-05 and 0.52 g/t Au over 4.57m including 1.17 g/t Au over 1.52m in ROYRC18-07 *(Fage, 2017 and 2018)*.

The details and results of the more recent exploration programs will be discussed under their respective sections below. The drill programs will be discussed in detail under Section 10.0, “Drilling”. The exploration work from 2014 to 2016 and on the Royal claims in 2008 and 2011 was completed by GroundTruth Exploration Inc. or their predecessor, a private mineral exploration consulting firm based in Dawson City, Yukon Territory.

6.1 Geochemistry (Figures 3 to 7)

At least 1,393 soil samples have been collected from the Rude Creek Gold Project, covering only about 15% of the property, of which only 1165 soils have been analyzed for gold. Recent soil surveys that were analyzed for gold include 357 samples for Silver Quest by Boomerang in 2010 and by Silver Quest in 2011, and 496 by 0892762 BC Ltd. between 2014 and 2016 *(Figure 3)*. In addition, the 139 soils collected by Shawn Ryan

in 2008 and Ethos in 2011, and the 91 soils collected by Prospector International in 1999 and 2000 were also analyzed for gold.

Ridge and spur soil samples were collected at a 100m sample spacing, with a 50m spacing on contour lines in the Northeast Anomaly area. Grid soils were collected from two separate grids (Trombley and Northeast) at a 25m sample spacing along north-south lines spaced 100m apart at the Trombley zone and at a 50m sample spacing along east-west lines spaced 200m apart at the Northeast zone.

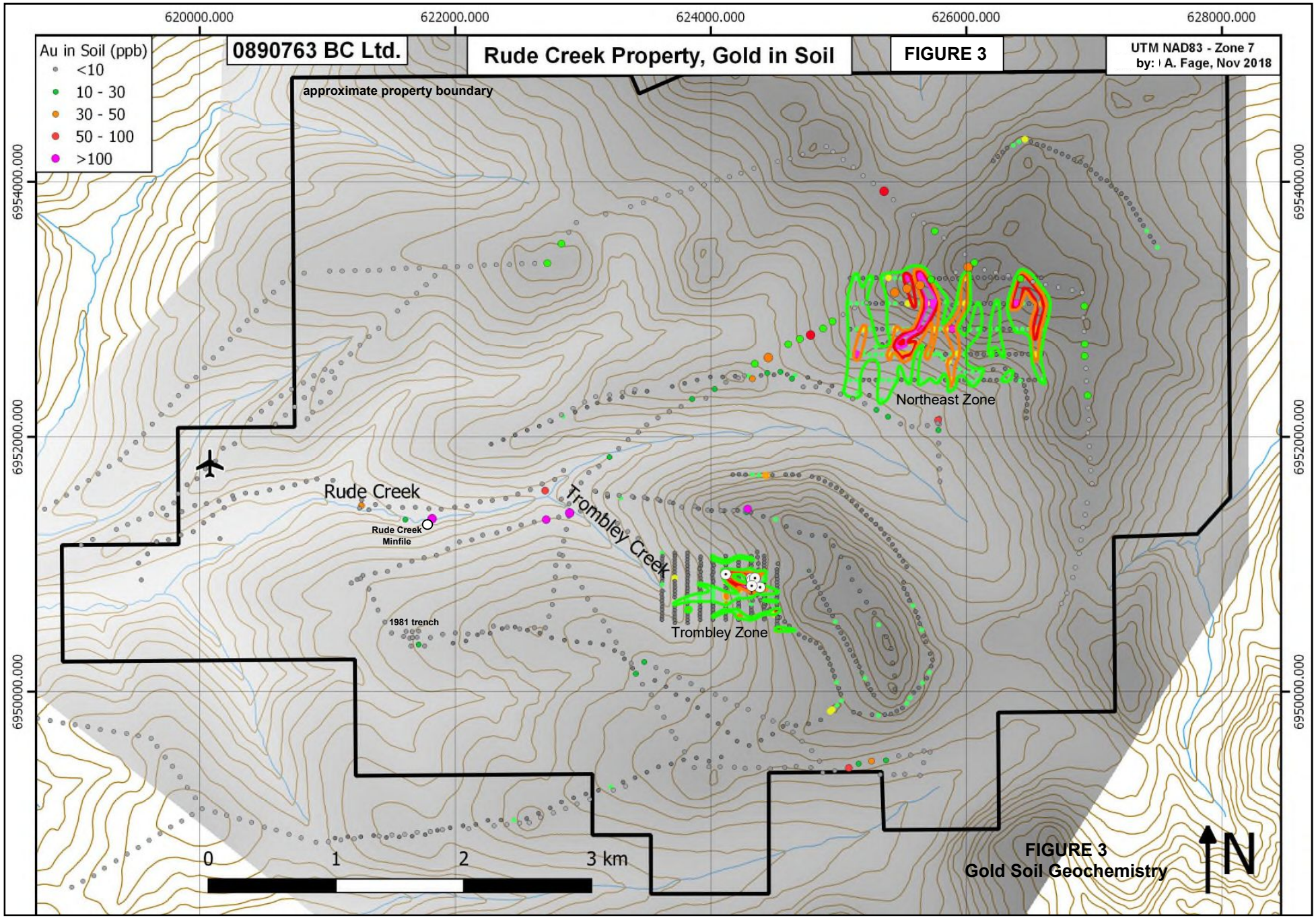
All GroundTruth soil samples were collected from the C-B horizons with one meter soil augers, or with a mattock where necessary, depending on vegetative cover and the thickness of the organic horizon. Approximately 400-500 grams of soil were collected and placed in well marked pre-numbered Kraft soil bags. Sample stations were marked on the ground with an aluminum metal tag in 2011 and a plastic bar coded tag in 2014 to 2016, along with pink flagging. Sample locations were recorded by GPS in the field using UTM coordinates, Nad 83 datum, Zone 7 projection and pictures taken of each sample and sample site. Field soil duplicates (collected from the same site, but separate holes) were collected every 25 samples for quality control from 2011 to 2016.

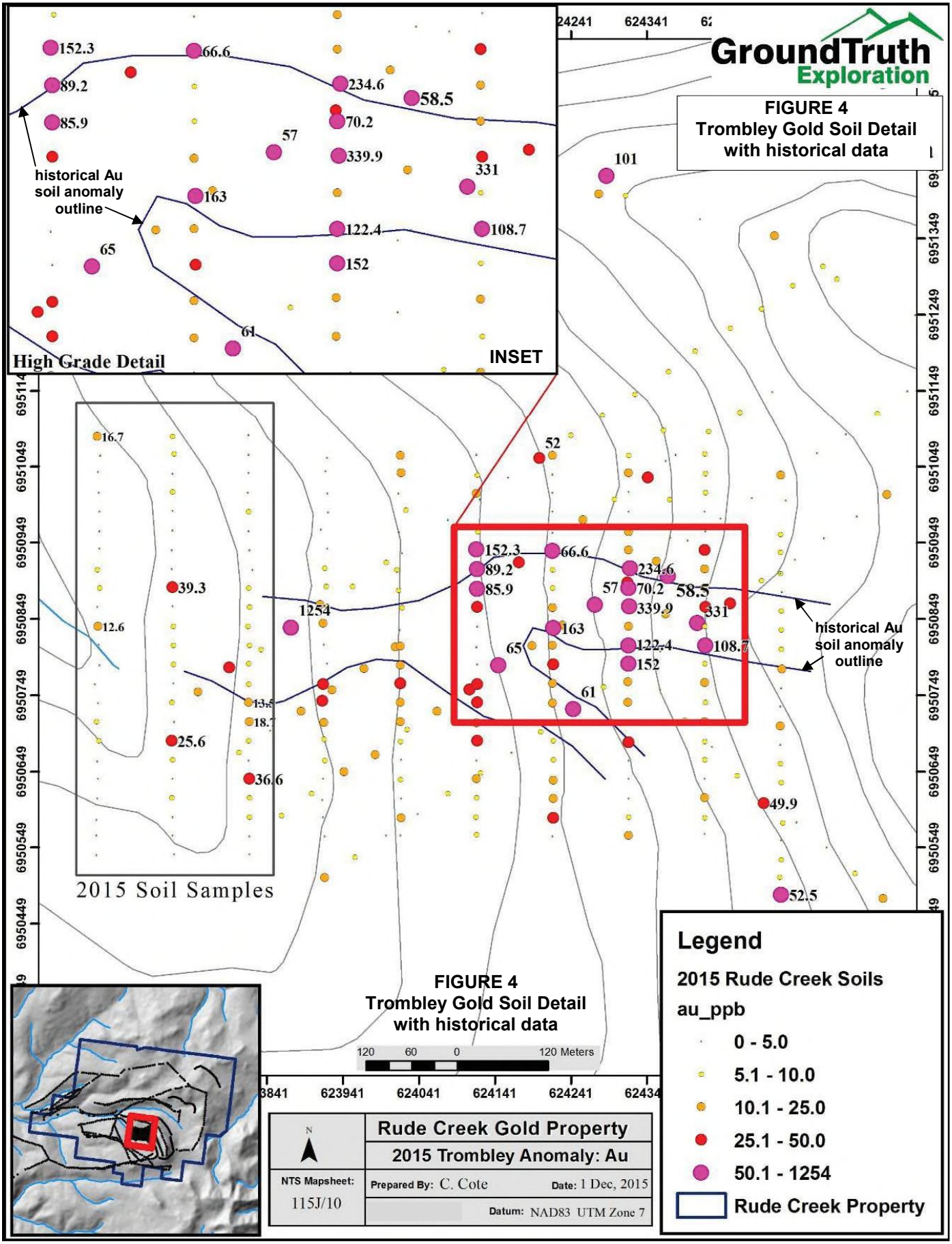
In Boomerang's 2010 soil program about 280g of material was collected with one meter soil augers, primarily from the B horizon at an average depth of 30 cm and locations were recorded by GPS in the field. In the 2011 Silver Quest program, soils were primarily collected from the B horizon at a depth of 10 to 40 cm. In the 1999 to 2000 Prospector International programs, the 91 soils collected were primarily from the C horizon from pits at a depth of 30 to 60 cm, with the 75 Trombley grid samples collected along northeast trending lines at a 50m sample spacing on lines 100m apart.

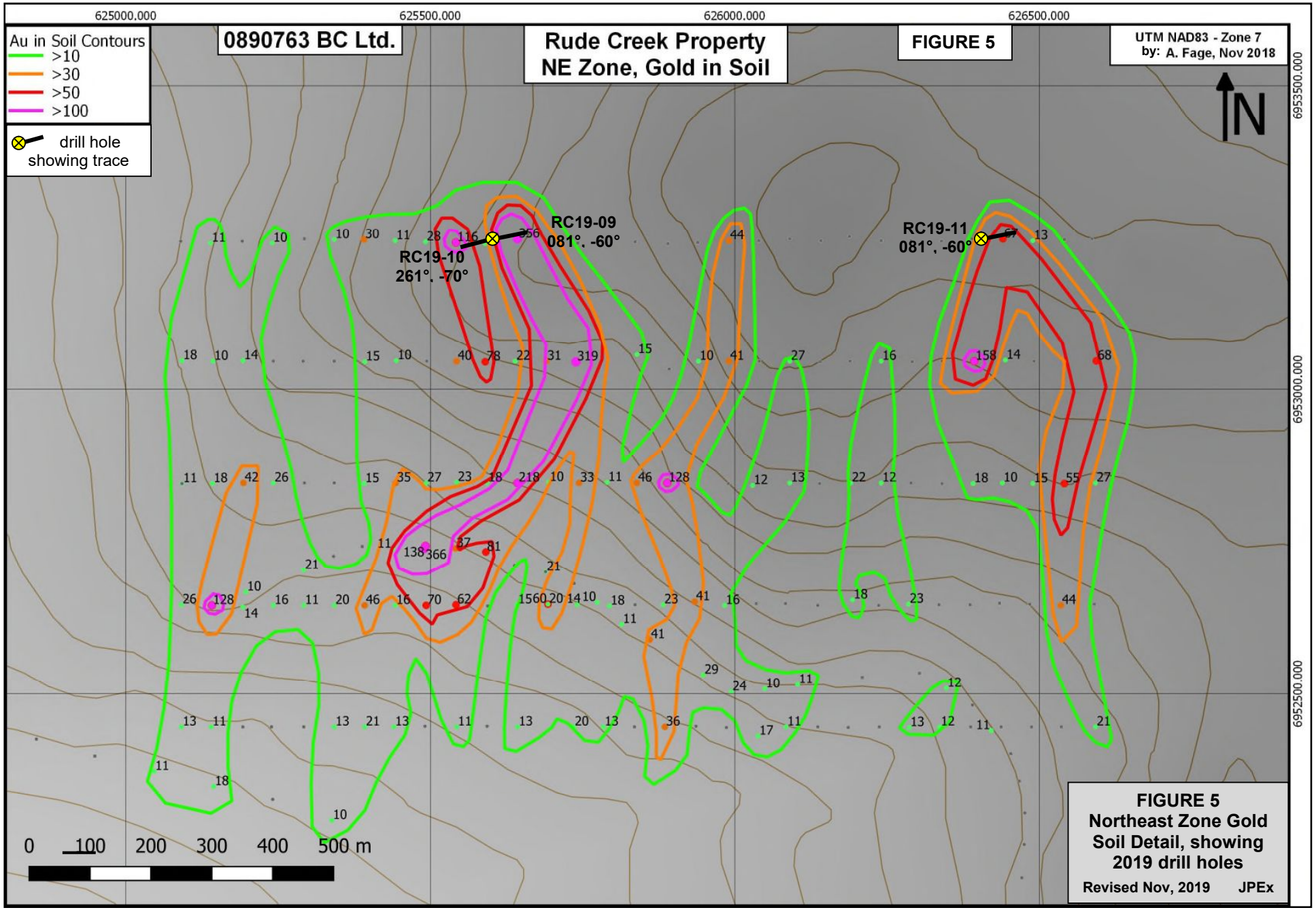
Two significant gold soil anomalies have been delineated on the Project. There is a good correlation of anomalous gold with anomalous bismuth ± tellurium, and peripheral arsenic, silver, ± antimony and lead. Gold in soil anomalies are shown in Figure 3, gold results from the detailed grids in Figures 4 and 5 and gold anomalies draped over the aerial photographic image in Figures 6 and 7.

The Trombley anomaly *(Figure 4)*, first identified in 1999 and 2000, covers a discontinuous (due to talus cover) easterly trending, 150m by 550m soil anomaly, defined by the 90th percentile value of 38 ppb Au *(historical outline in Figure 4)*, with values ranging to 1254 ppb and 331 ppb Au, 39.35 ppm Bi, 157 ppm As and 3.07 ppm Ag. Subsequent sampling outlined a 150m by 350m more west-northwest trend with values ranging to 339.9 ppb Au, 19.5 ppm Bi, 275.9 ppm As and 2 ppm Ag, and two northerly gold bearing structural zones are indicated by drilling. Consequently, the grid is not favourably oriented to detect the structures and anomalies remain open to the north and south and somewhat to the east.

Multiple northerly anomalous trends are evident in the Northeast zone, with at least five distinct, linear, 800m long (limited by grid extent) gold anomalies over the 1.5 km wide grid, remaining open in all directions *(Figure 5)*. Values ranging to 366.9 ppb Au, 43.9 ppm Bi, 597 ppm As, 3.1 ppm Ag, 30.2 Sb and 167 ppm Pb were obtained.


0890763 BC Ltd.
Rude Creek Property, Gold in Soil
FIGURE 3
UTM NAD83 - Zone 7
by: A. Fage, Nov 2018
Au in Soil (ppb)
<10
10 - 30
30 - 50
50 - 100
>100
approximate property boundary
620000.000
622000.000
624000.000
626000.000
628000.000
6954000.000
6952000.000
6950000.000
Northeast Zone
Rude Creek
Rude Creek Minfile
Trombley Creek
1981 trench
Trombley Zone
0
1
2
3 km
N
FIGURE 3
Gold Soil Geochemistry


GroundTruth Exploration
FIGURE 4
Trombley Gold Soil Detail
with historical data
historical Au
soil anomaly
outline
High Grade Detail
INSET
2015 Soil Samples
historical Au
soil anomaly
outline
FIGURE 4
Trombley Gold Soil Detail
with historical data
120 60 0 120 Meters
Legend
2015 Rude Creek Soils
au_ppb
0 - 5.0
5.1 - 10.0
10.1 - 25.0
25.1 - 50.0
50.1 - 1254
Rude Creek Property
Rude Creek Gold Property
2015 Trombley Anomaly: Au
NTS Mapsheet:
115J/10
Prepared By: C. Cote
Date: 1 Dec, 2015
Datum: NAD83 UTM Zone 7


625000.000
625500.000
626000.000
626500.000
6953500.000
6953000.000
6952500.000
Au in Soil Contours
>10
>30
>50
>100
drill hole showing trace
0890763 BC Ltd.
Rude Creek Property
NE Zone, Gold in Soil
FIGURE 5
UTM NAD83 - Zone 7
by: A. Fage, Nov 2018
N
RC19-09
081°, -60°
RC19-10
261°, -70°
RC19-11
081°, -60°
0 100 200 300 400 500 m
FIGURE 5
Northeast Zone Gold
Soil Detail, showing
2019 drill holes
Revised Nov, 2019 JPEx

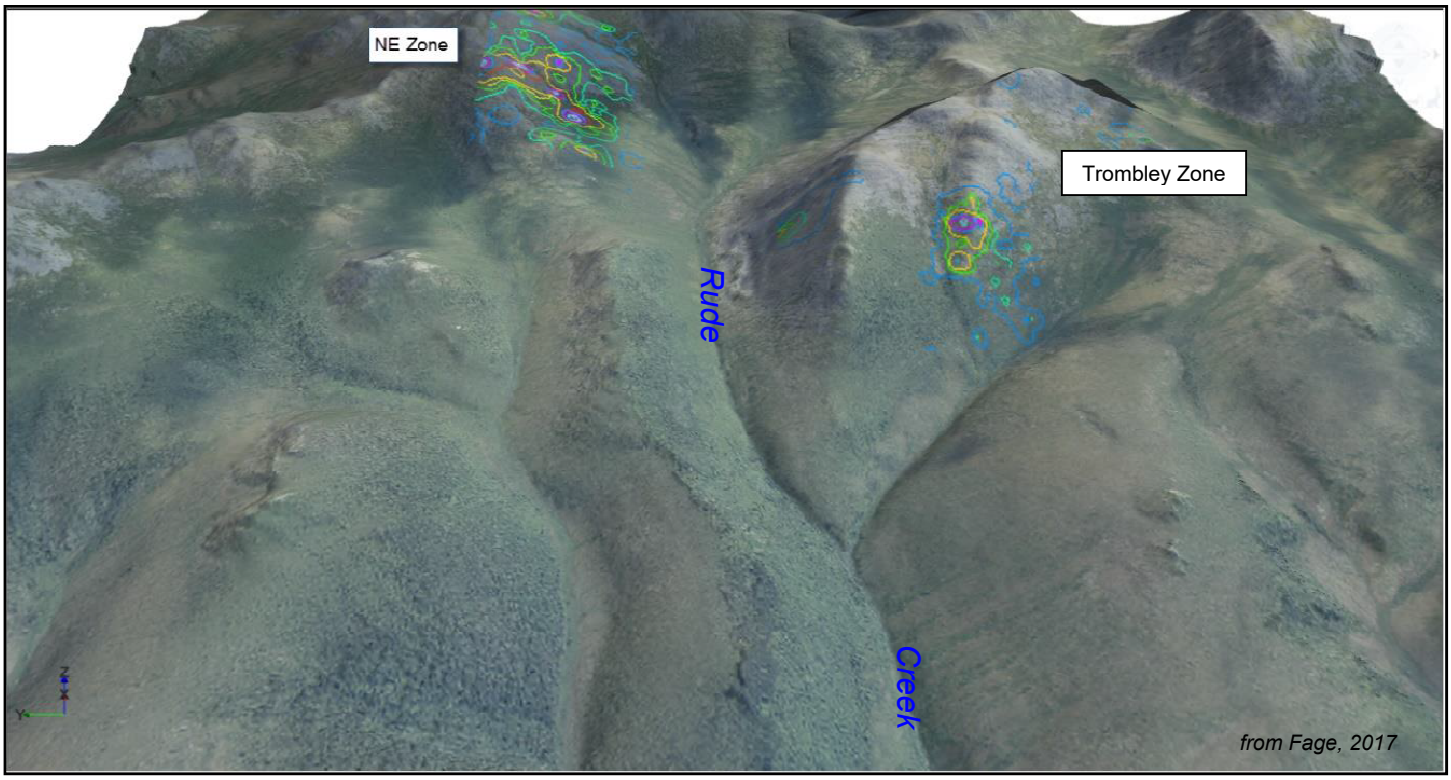


Figure 6: View looking east of soil anomalies over aerial image

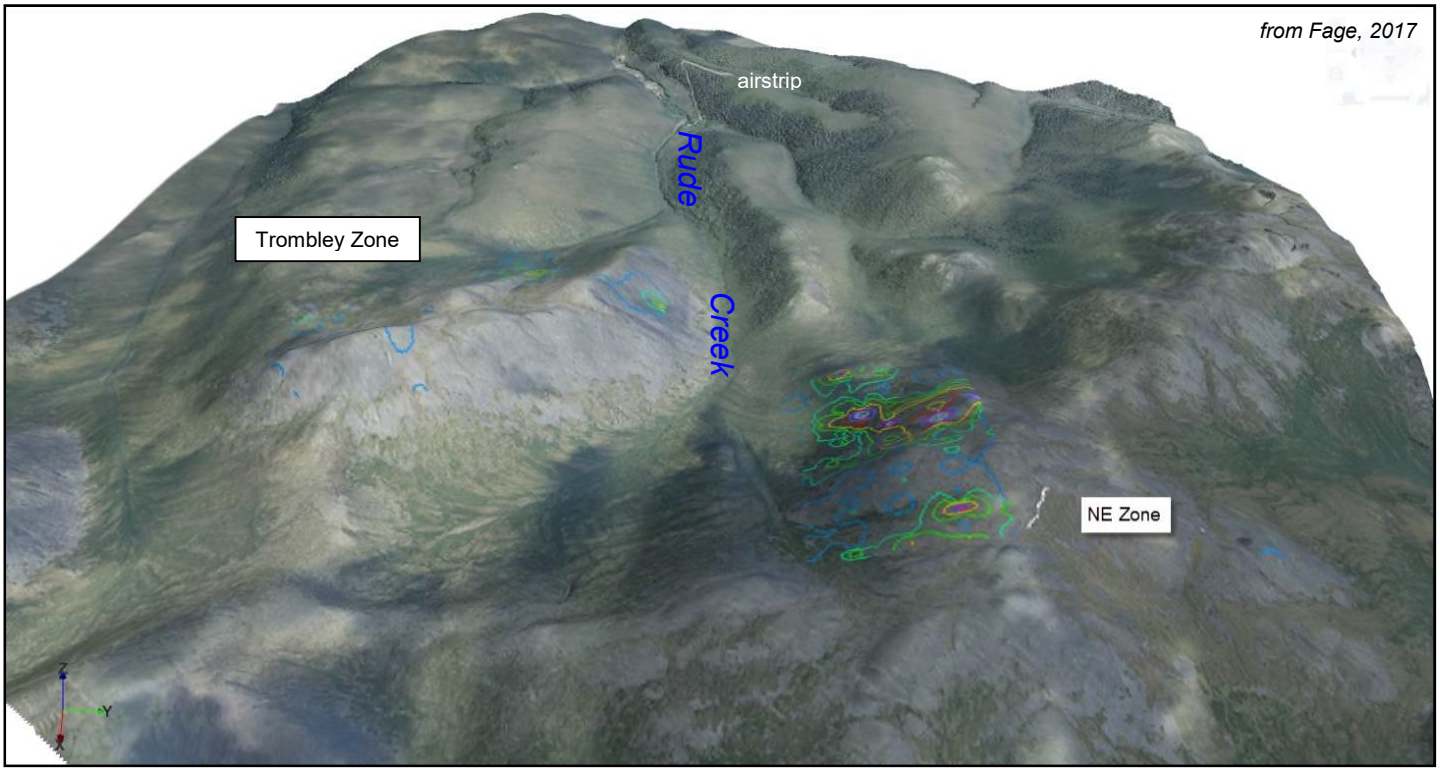


Figure 7: View looking west of soil anomalies over aerial image

6.2 Aerial Photographic Survey (Figures 6 and 7)

A high resolution fixed wing aerial photographic survey using an XCAM sensor was completed over the Rude Creek Gold Project on June 25, 2016 for 0890763 BC Ltd. by GroundTruth Exploration Inc. of Dawson City, Yukon. The survey was flown to aid in geological, structural and surficial interpretations, mapping, survey planning, geomorphology and infrastructure analysis, and to provide a baseline for environmental impact assessment, up to date high resolution imagery and digital elevation models for control. The contoured soil geochemistry is draped over the image in Figures 6 and 7.

6.3 Geophysics (Figures 8 to 13 and 16)

A reconnaissance high resolution airborne magnetic, radiometric and VLF-EM geophysical survey was flown by Sander Geophysics Limited for the Geological Survey of Canada in 1993 over the Selwyn River area, including the Rude Creek Project, to aid in geological interpretation through this largely unglaciated region *(Shives and Carson, 1994)*. An oval shaped, northwest trending, magnetic high anomaly, within a large area of elevated magnetic signature, and a strong potassium anomaly were found to occur in the headwaters of Rude and Trombley Creeks, drained by the 300 ppb Au in stream sediment sample obtained by the GSC *(GSC, 1986)*.

A compilation of the geophysics of the Yukon Plateau was subsequently undertaken by Hayward et al. (2012) and is used to illustrate some of the major structures in the region. The Koe shear zone and Jens Creek fault are extrapolated from mapping and geophysical interpretation, respectively, from Arscott (1986), Carnes (1987) and Taylor (1966). The regional and property scale structures will be discussed in more detail under their respective sections within section 7.0, “Geological Setting and Mineralization”.

A 1,351 line km high resolution airborne magnetic and radiometric geophysical survey was completed over a larger area, but including the entire Rude Creek Project, in 2011 by Aeroquest Airborne of Mississauga, Ontario for Silver Quest Resources Ltd. to help identify regional scale structures, lithological contacts and zones of alteration. The survey block was flown in a 040°/220° direction with a line spacing of 100m and a nominal helicopter stinger terrain clearance of 30m utilizing a helicopter stinger mounted caesium vapour magnetometer sensor and Aeroquest’s Airborne Gamma Ray Spectrometer (AGRS) system which was installed in the helicopter’s cabin *(Areoquest Airborne, 2011)*.

The 2011 survey was successful in producing higher resolution of the magnetic and radiometric data. The anomalous gold in soil geochemistry at the Trombley and Northeast soil anomalies is associated with lower magnetic signatures at the margin of the magnetic high anomalies *(Figure 9),* structural intersections *(Figure 10)* and Th/K lows *(Figure 11)*. The magnetic lows are likely due to magnetite destruction caused by alteration and the Th/K lows related to potassic alteration (probably sericite and possibly potassium feldspar).

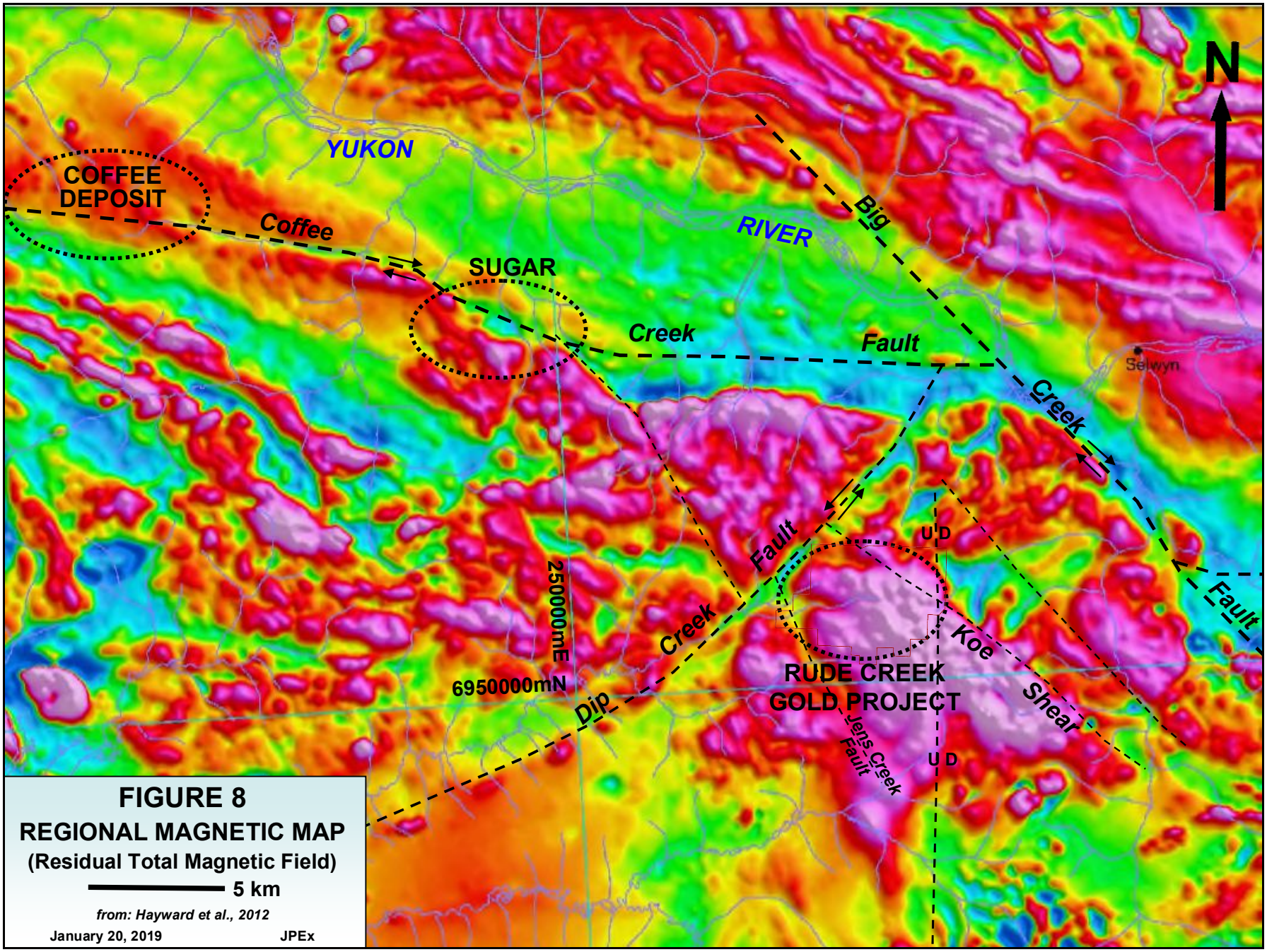
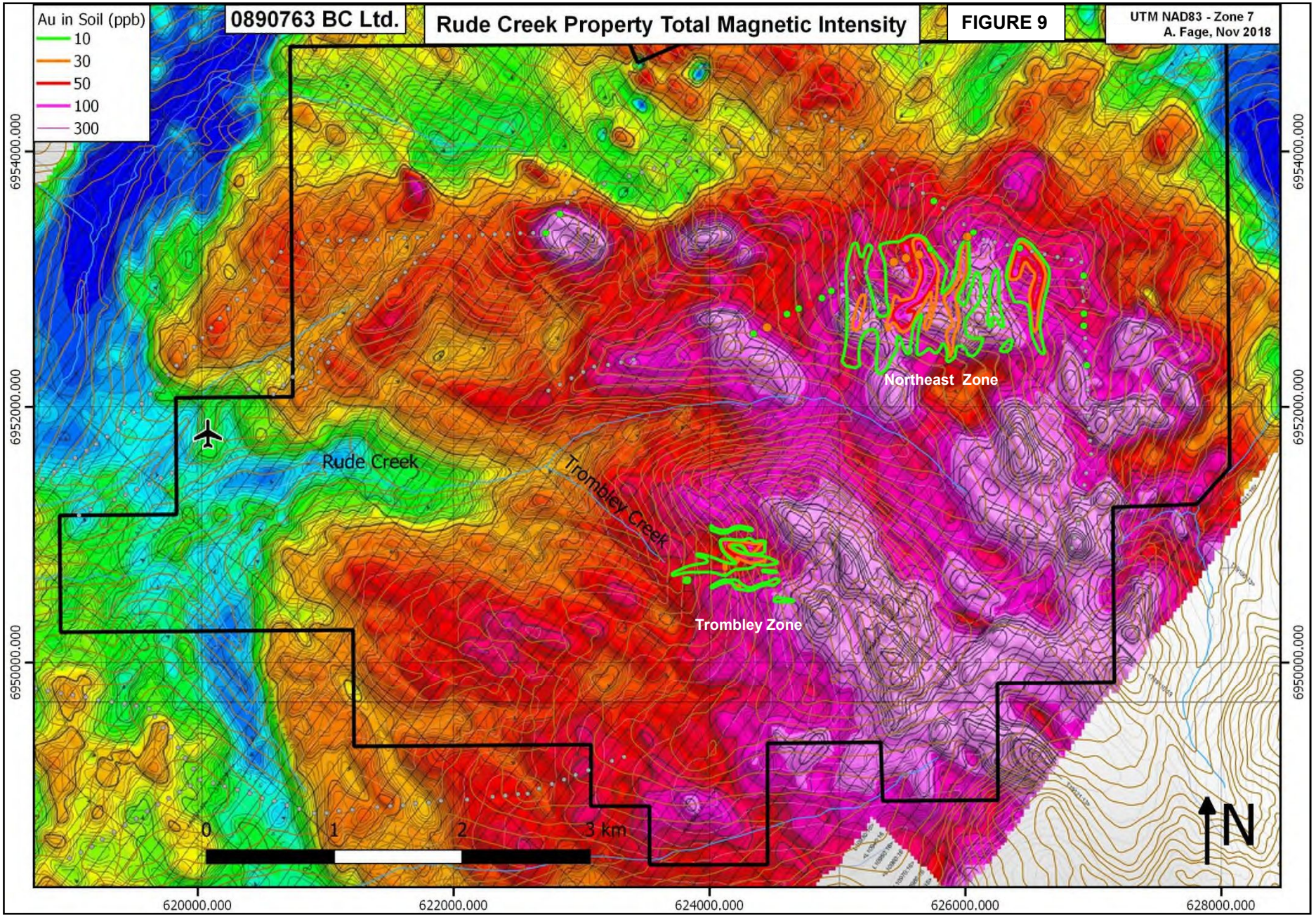
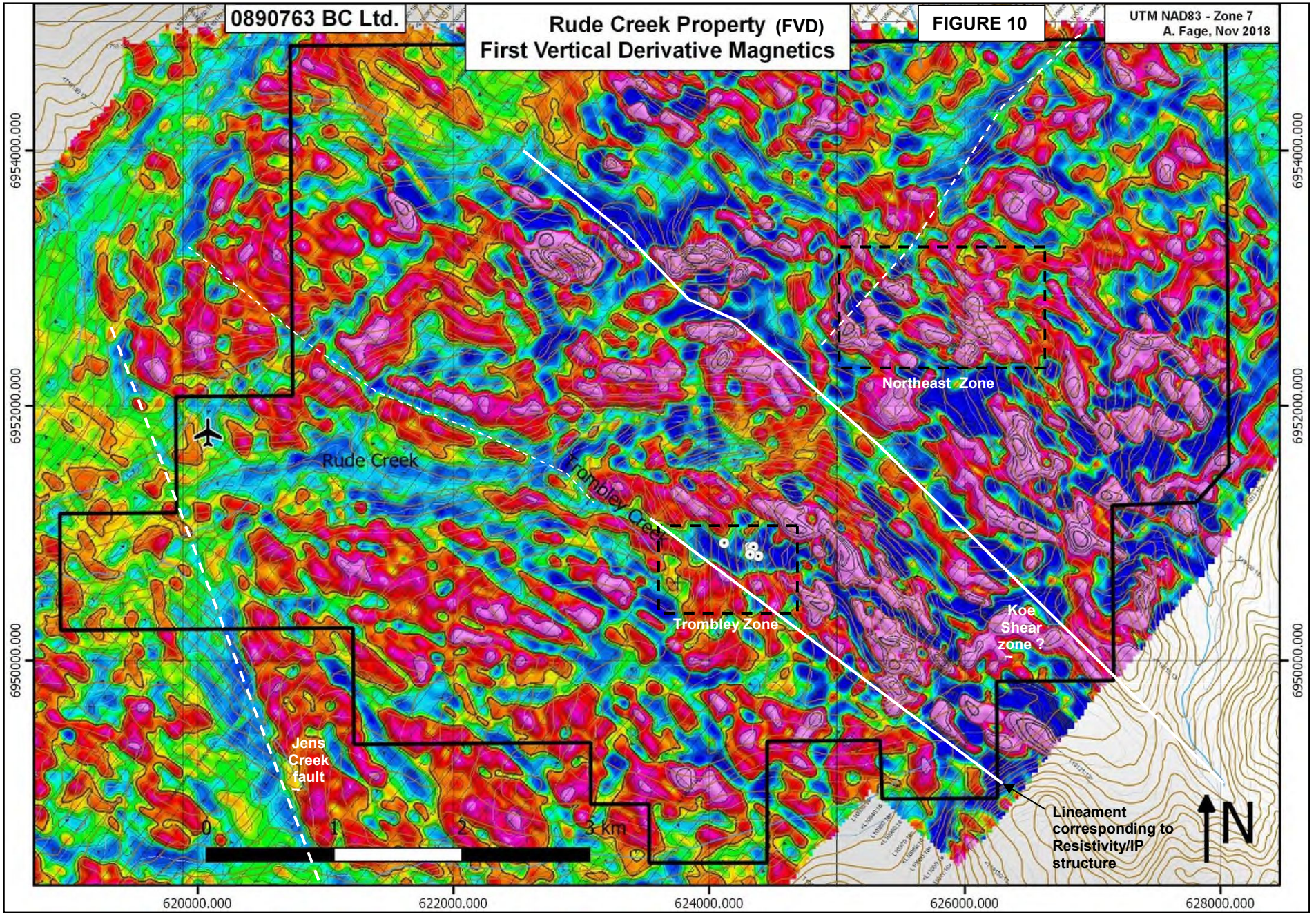
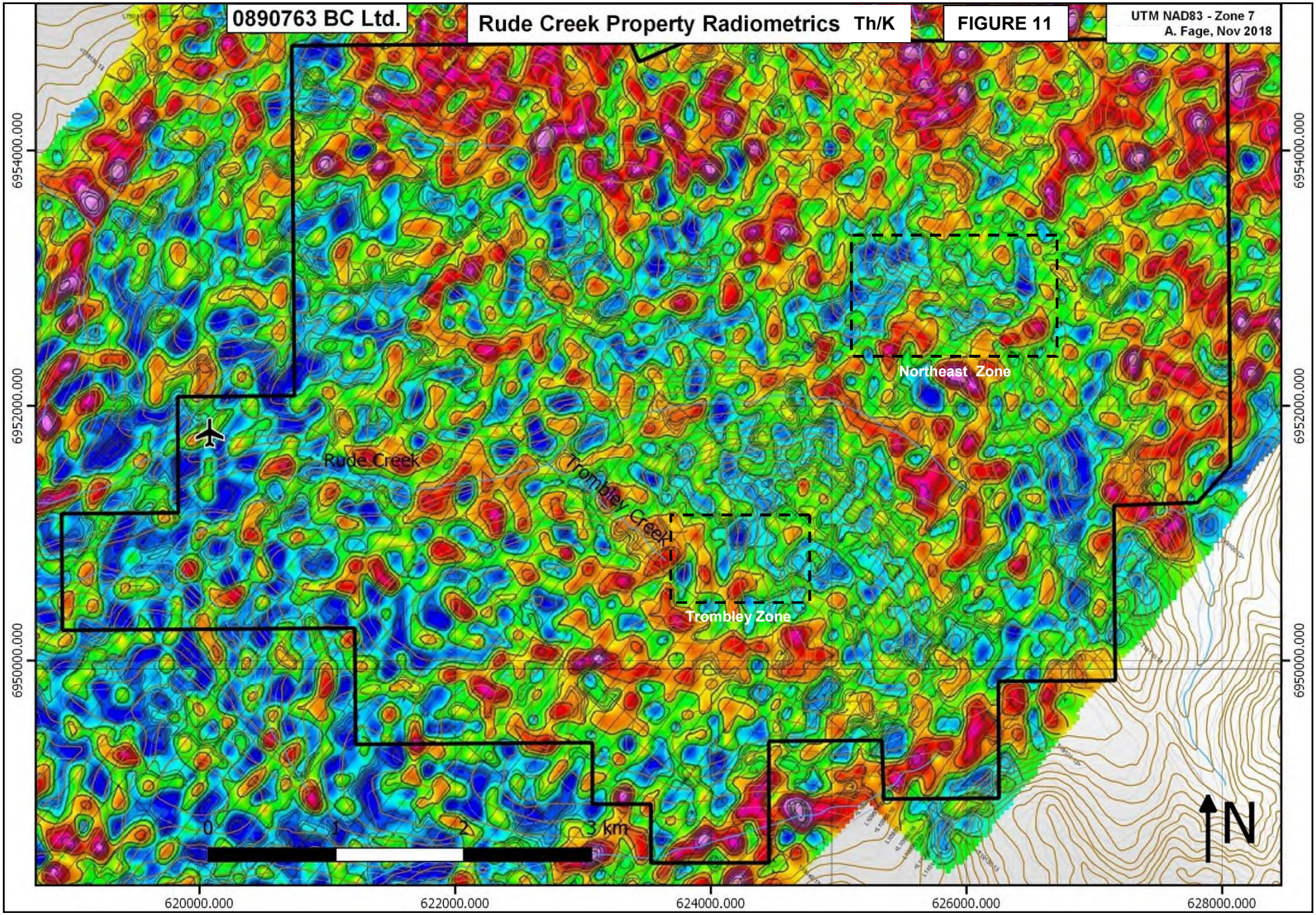


FIGURE 8
REGIONAL MAGNETIC MAP
(Residual Total Magnetic Field)
5 km
from: Hayward et al., 2012
January 20, 2019 JPEx


Au in Soil (ppb)
10
30
50
100
300
0890763 BC Ltd.
Rude Creek Property Total Magnetic Intensity
FIGURE 9
UTM NAD83 - Zone 7
A. Fage, Nov 2018
Northeast Zone
Trombley Zone
Rude Creek
Trombley Creek
0
1
2
3 km
N
6954000.000
6952000.000
6950000.000
620000.000
622000.000
624000.000
626000.000
628000.000


0890763 BC Ltd.
Rude Creek Property (FVD)
First Vertical Derivative Magnetics
FIGURE 10
UTM NAD83 - Zone 7
A. Fage, Nov 2018
Northeast Zone
Rude Creek
Trombley Creek
Trombley Zone
Koe Shear zone ?
Jens Creek fault
Lineament corresponding to Resistivity/IP structure
N
0
1
2
3 km
6954000.000
6952000.000
6950000.000
620000.000
622000.000
624000.000
626000.000
628000.000


0890763 BC Ltd.
Rude Creek Property Radiometrics Th/K
FIGURE 11
UTM NAD83 - Zone 7
A. Fage, Nov 2018
Northeast Zone
Rude Creek
Trombley Creek
Trombley Zone
0
1
2
3 km
N
6954000.000
6952000.000
6950000.000
620000.000
622000.000
624000.000
626000.000
628000.000

A detailed 2.49 line km high resolution direct current ground resistivity/induced polarization survey was completed on the Trombley zone in 2014, which is summarized from Cote (2015a). The survey was conducted along six 415m long north trending lines at a 100m line spacing *(Figure 16)* using a 5m electrode spacing, which provides an optimal horizontal resolution of 2.5m and a maximum reading depth of 90m. Dipole-dipole (optimal for vertical structures) and inverse Schlumberger (optimal for horizontal structures) arrays were used, merged and inverted. The purpose of the survey was to define the underlying structural controls and horizontal extent of mineralization and detect any significant conductors and resistive or chargeability features that may be related to mineralization or lithology.

The terrain in the eastern quadrant of the survey is overlain by coarse talus, in which it is difficult to obtain good electrical contact. Resistivity data obtained for all lines is of good quality and the IP data is of moderate to good quality; the latter is more sensitive, with noise most apparent in lines 05 and 06 in the east, although there is a reasonable correlation with trends found on the western portion of the survey.

The survey outlined a resistivity high feature, suggestive of the presence of a younger silicified or potassic altered plug possibly of the Casino plutonic suite, a small body of which has been mapped, but not dated, on the hilltop above the Trombley zone *(Ryan et al., 2013a)*.

The resistivity inversions show a large circular, near vertical resistivity high anomaly with the highest values centered over lines ROYIP14-02 and -03 *(Figure 12)*. Line ROYIP14-02 shows a prominent vertical resistivity low structure (between 200 and 240m) corresponding with a bordering chargeability high, indicating a favourable conductive, chargeable zone. The IP inversions also show a general northwest trending zone of chargeability characterized by a broad zone of high chargeability in the west, branching into two smaller lineaments to the east *(Figure 12)*.

Three dimensional resistivity and IP chargeability models are shown in Figure 13, illustrating a major break in the resistivity, which corresponds to a vertical chargeability low feature, an airborne magnetic lineament *(Figure 10)* and break in the anomalous gold geochemistry *(Figure 16)*. The main gold in soil anomaly is associated with a resistivity low and generally a chargeability high anomaly *(Figure 12)*. The feature is suggestive of a significant, possible controlling, structure.

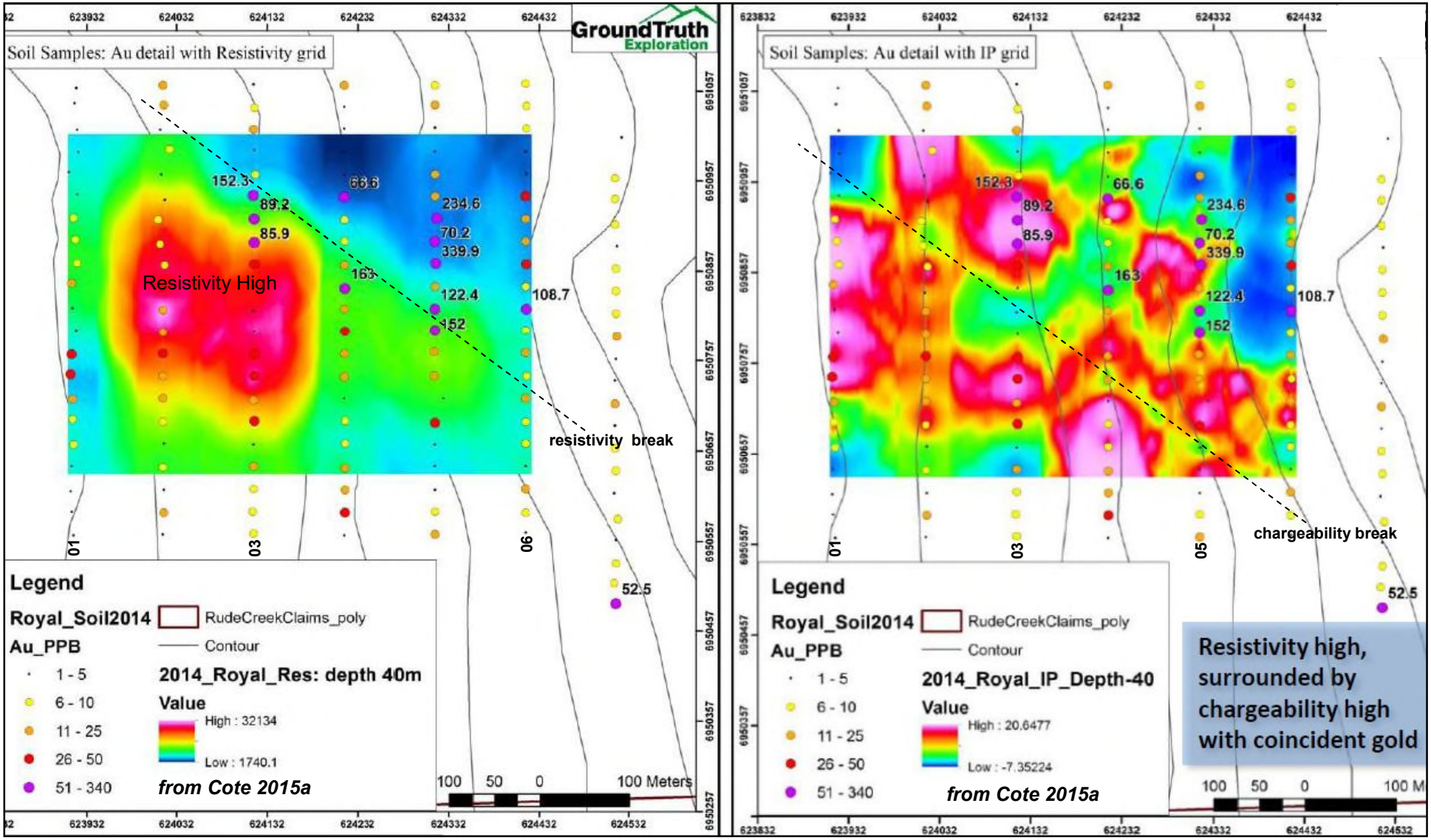


FIGURE 12: Trombley Zone Gold in Soil over Resistivity and Chargeability Contour Plans

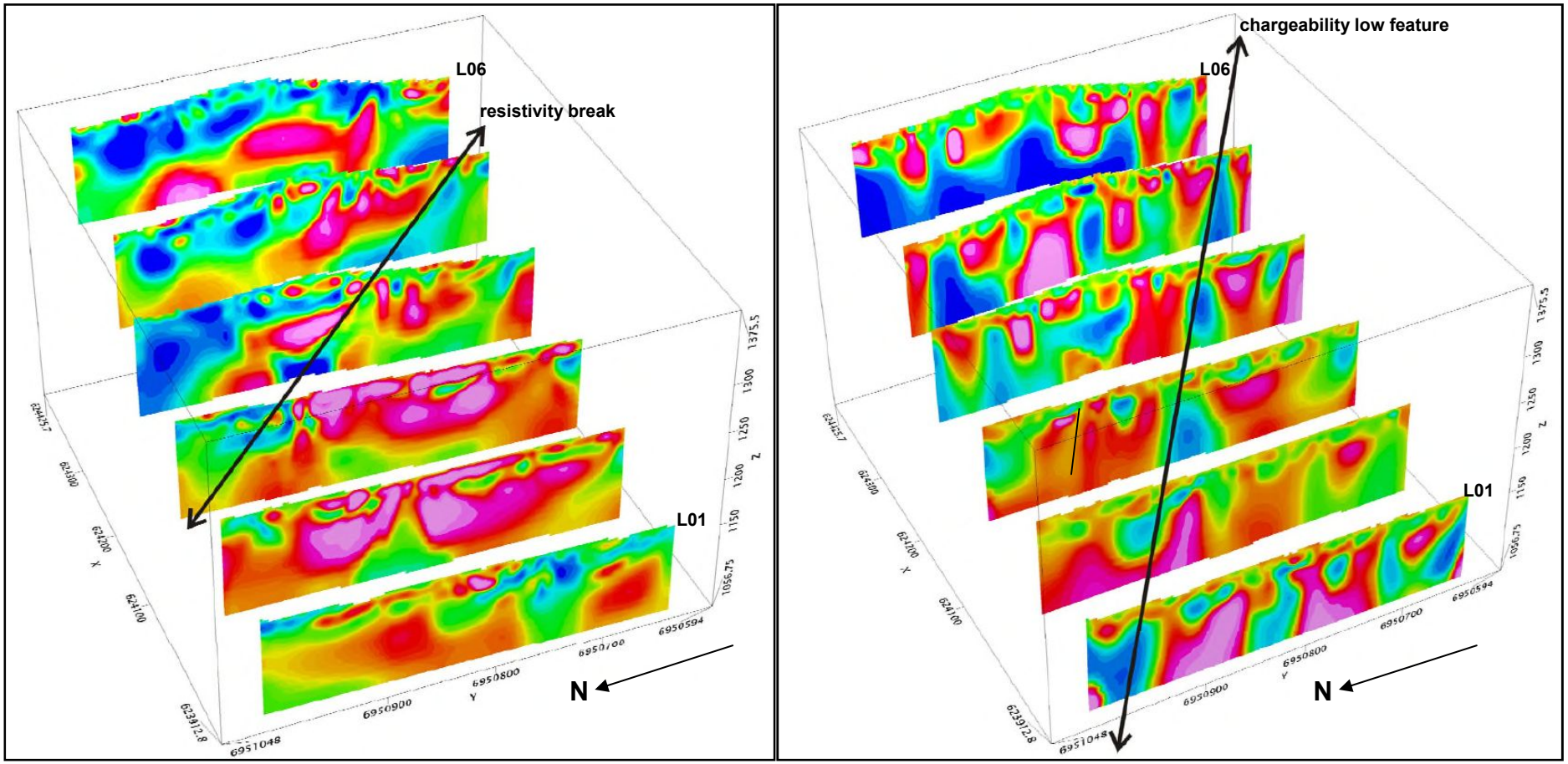


FIGURE 13: Trombley Zone 3D Resistivity and IP Chargeability Profiles

7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology (Figure 14)

The Rude Creek Gold Project lies within Yukon-Tanana terrane, a continental arc that developed along the ancient Pacific margin of North America from Late Devonian to Permian time, and is situated between the Tintina Fault, about 150 km to the northeast, and the Denali Fault, 100 km to the southwest. Both faults are steeply dipping transcurrent structures with hundreds of kilometres of dextral strike slip offset.

The Stevenson Ridge (formerly Snag) map sheet (NTS 115J) was mapped at 1:253,440 scale by the Geological Survey of Canada in the early 1970's *(Tempelman-Kluit, 1974)* and the Colorado Creek map sheet (115 J/10) at 1:50,000 in 1986 by Payne et al. (1987). Gordey and Makepeace produced a Yukon-wide geological compilation in 1999, with a revision in 2003. In 2011 to 2012 the MDRU investigated projects within the Dawson Range and released their findings in 2013 *(Allan et al., 2013 and 2012)*. The Geological Survey of Canada completed 1:100,000 scale mapping through the area in 2012 *(Ryan et al., 2013a & b)*. The Yukon Geological Survey ("YGS") released an update of the Yukon compilation map with revised nomenclature *(Colpron et al., 2016),* recently updated in April, 2018 *(YGS, 2018)*. The regional geology of the area is primarily summarized from Ryan et al. (2013), Allan et al. (2013) and YGS (2018).

Yukon-Tanana terrane is dominated in the regional area by Devonian and older metasiliciclastic rocks of the Snowcap assemblage (**PDS**), which interfinger with, and are stratigraphically overlain by, Devonian to Mississippian intermediate to mafic metavolcanic rocks of the Finlayson assemblage and lesser felsic metavolcanic rocks (**DMF**). The metasiliciclastic rocks include metamorphosed fine clastic rocks, quartzite and conglomerate. The above lithologies include marble horizons and are metamorphosed to amphibolite grade.

Abundant orthogneiss bodies of the Mississippian Simpson Range plutonic suite (**MgSR**) and Permian Sulphur Creek orthogneiss (**PqS**) occur throughout the region. The Mississippian orthogneiss compositions range from granite to potassium feldspar augen bearing to tonalite and diorite. The Sulphur Creek orthogneiss includes granitic and potassium feldspar augen orthogneiss and highly strained, mafic poor orthogneiss. Narrow bodies of Paleozoic ultramafic rocks, commonly serpentinized, also occur within the area.

The above units are interpreted to represent two arcs: an older Devonian to Mississippian arc consisting of amphibolite (**DMF**) and associated subvolcanic intrusions (**MgSR**) built on a siliciclastic basement (**PDS**); and a Permian arc of granitic orthogneiss (**PgS**) and coeval metavolcanic rocks (**PKs**) built on the Devono-Mississippian arc.

The above lithologies are intruded by intermediate granitoid batholiths, plutons and stocks of the Early Jurassic to Late Triassic Minto suite (**LTREJM**) and Early Jurassic Long Lake suite (**EJL**), and generally equigranular granitic rocks of the Mid Cretaceous Whitehorse suite (**mKW**), which include the Coffee Creek (**mKW1**) and the Dawson Range phases (**mKW2**). These intrusive bodies and metamorphic basement rocks are

unconformably overlain by intermediate to felsic flows, breccia and tuff of the Mid Cretaceous Mount Nansen Group (**mKN**).

The early Late Cretaceous Casino plutonic suite (**LKC**) was then emplaced at 79 to 74 Ma and typically consist of generally small intermediate stocks and related felsic quartz porphyry, quartz-feldspar porphyry or feldspar porphyry dykes, sills and small plugs. The Casino suite is intimately associated with porphyry copper deposits and many precious metal vein deposits in the Dawson Range. Most intrusions of this suite were previously assigned to the Prospector Mountain suite (**LKP**) or the Mount Nansen Group (**mKN**) and have not all been reclassified.

All the above lithologies are locally intruded by late Late Cretaceous (72 to 68 Ma), primarily felsic to intermediate stocks and related felsic feldspar ±quartz porphyry dykes, sills and small plugs of the Prospector Mountain suite (**LKP**) and overlain by related massive, primarily mafic (with lesser intermediate to felsic), flows and breccias of the Carmacks Group (**uKv**), which includes localized coarse clastic sedimentary rocks at the base of the sequence (**lKs**).

The Cretaceous aged, northwest trending, dextral strike slip Big Creek fault approximately borders the northeastern margin of the southern Dawson Range gold and copper belt, while the Coffee Creek fault lies proximal to this boundary further to the northwest *(Figure 14)*. The Coffee Creek fault appears to be a sinistral strike slip Jurassic aged fault that was reactivated in the Cretaceous with dextral strike slip movement. It appears to be offset by the Big Creek fault system. The Dip Creek fault is a northeast trending fault just west of the Project with about 370m of apparent sinistral strike slip offset in this area.

The Rude Creek Gold Project is situated within the northwest trending Dawson Range gold and copper belt, historically considered to extend 250 km from the Mount Nansen area into Alaska, but recently extended another 100 km to the south into the Aishihik Lake area, where age dating has identified similar age intrusions and mineralization. The belt hosts several deposits and mineralized showings of various deposit models including calc-alkalic porphyry copper-gold±molybdenum, associated adjacent epithermal vein and breccia systems, and peripheral polymetallic veins, as well as orogenic and intrusion related gold. Many occur proximal to the Big Creek and Coffee Creek faults and splays.

Significant deposits include Casino Mining Corporation's Casino porphyry copper-gold-molybdenum deposit, the Klaza deposit of Rockhaven Resources (a transitional variant of an epithermal system), and Newmont Goldcorp's Coffee orogenic gold deposit. Mineralization is commonly associated with Late Cretaceous intrusions (primarily small plugs and breccia bodies of the Late Cretaceous Casino suite and, to a lesser extent, the Prospector Mountain suite), and is usually hosted by the Late Cretaceous intrusions, the older metamorphosed basement complex of the Yukon-Tanana terrane, and/or the Mid Cretaceous Dawson Range batholith (Whitehorse suite). The Rude Creek Gold Project lies 14.5 km to the southeast of the Casino deposit, 45 km to the southeast of the Coffee deposit and 75 km to the northwest of the Nucleus and Revenue deposits of Triumph Resources' Freegold Mountain project *(Figure 14)*.

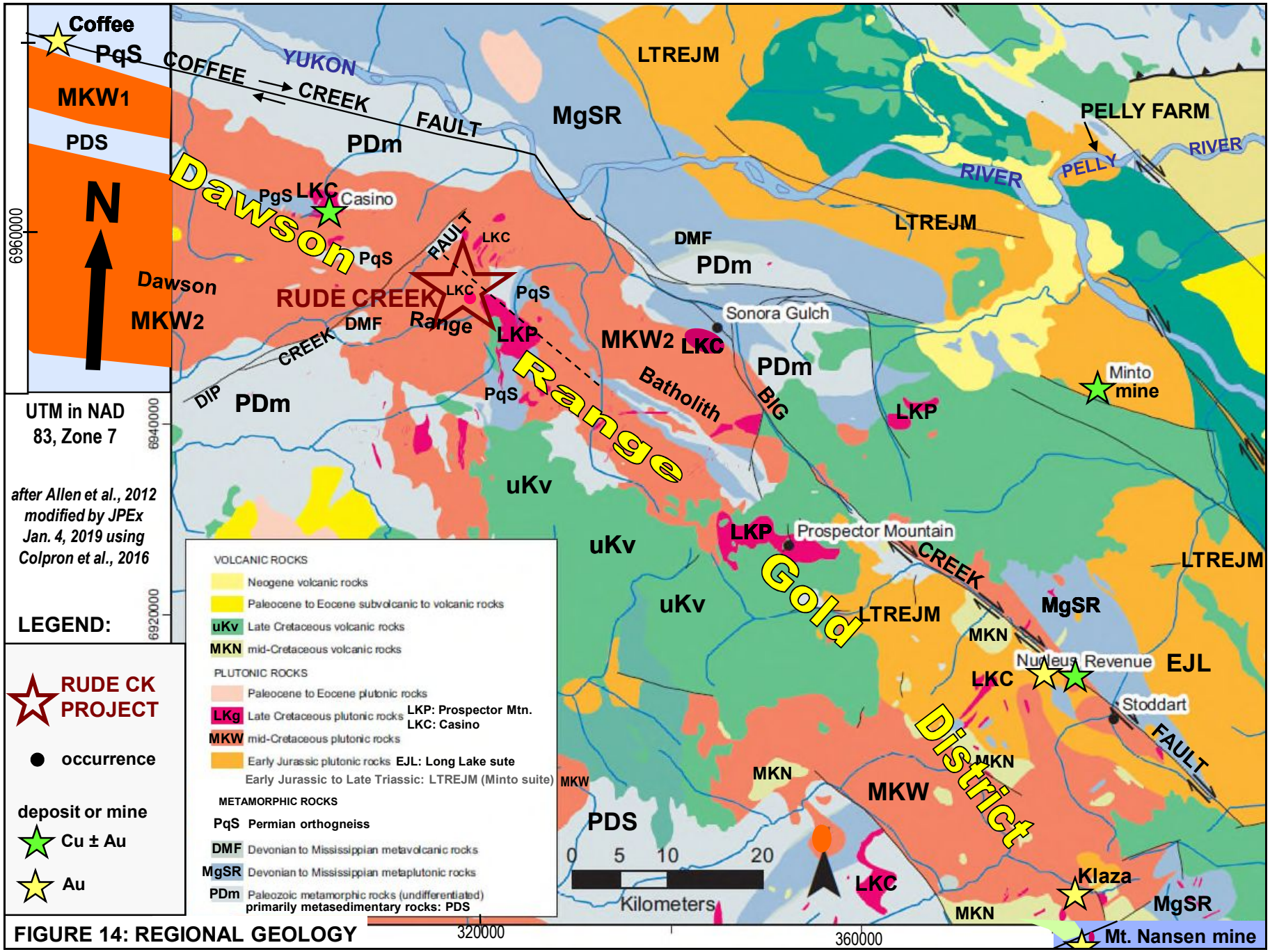


FIGURE 14: REGIONAL GEOLOGY

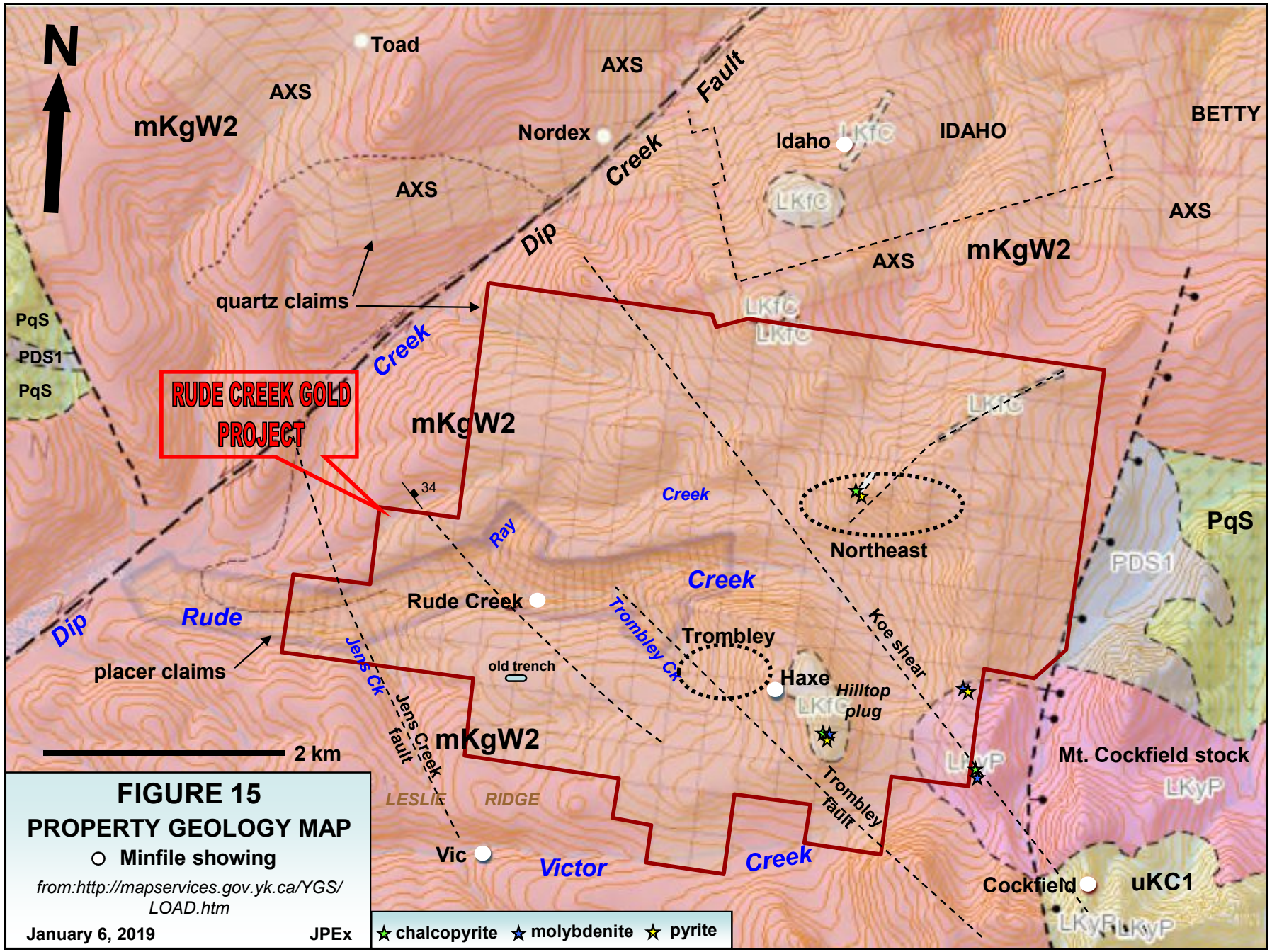


FIGURE 15
PROPERTY GEOLOGY MAP
○ Minfile showing
from:http://mapservices.gov.yk.ca/YGS/LOAD.htm
January 6, 2019 JPEx

7.2 Property Geology (Figure 15)

Property scale mapping has not been undertaken across the Rude Creek Gold Project, but some mapping was conducted in 1990 and 1996 by Cominco in the eastern half of the Project *(Denton, 1980 and Wagner, 1996),* and local prospecting with geological observations was conducted in the Haxe Minfile area by Prospector International *(Jaworski and Meyer, 2000 & Jaworski and Vanwemeskerken, 2001)* and on the Poker claims by Boomerang *(Andersen, 2011)*. The Yukon Geological Survey digital geology has been used as a base in Figure 15 (website at http://mapservices.gov.yk.ca/YGS/Load.htm). Outcrop is limited on the property, comprising 1 to 2 percent, and generally confined to ridge tops and creek exposures. Talus and felsenmeer is fairly common in the eastern property area, but can mask the underlying rock.

The Project is shown by the YGS to be almost entirely underlain by generally equigranular granitic rocks of the Dawson Range phase of the Mid Cretaceous Whitehorse plutonic suite (**mKW2**), which is intruded by a small plug and related dykes and/or sills of the early Late Cretaceous Casino plutonic suite on the hilltop in the headwaters of Rude and Trombley Creeks (Hilltop plug), and by part of the late Late Cretaceous Mt. Cockfield stock of the Prospector Mountain suite (**LKP**) in the southeastern property area, and probable related dykes and sills *(Figure 15)*. Variably micaceous quartzite and siliciclastic schistose metasedimentary rocks of the Devonian to Neoproterozoic Snowcap assemblage (**PDS1**) are exposed just east of the Project, and possibly along the eastern margin.

The Hilltop plug consists of medium grained, hypabyssal, porphyritic hornblende rhyodacite with abundant, large, smoky quartz phenocrysts *(Ryan et al., 2013a)* and has not been dated. It is unknown at this point if it belongs to the Casino or Prospector Mountain suite due to strong similarities between the two.

A table of Formations follows:

Upper Cretaceous

LKyP: *Prospector Mountain suite: Mt. Cockfield stock:* intermediate syenite to monzonite (72 to 68 Ma)

LKyP: *Casino suite:* fine to medium grained quartz-feldspar porphyry monzonite, dacite (79 to 74 Ma)

Middle Cretaceous

mKgW2: *Whitehorse suite:* Dawson Range phase*:* white to beige, medium to coarse grained, unfoliated to weakly foliated, generally equigranular biotite-hornblende granodiorite, lesser granite, tonalite, quartz diorite and diorite

Devonian to Neoproterozoic

PDS1: *Snowcap assemblage:* quartzite, micaceous quartzite, quartz-muscovite-biotite schist (±garnet and aluminosilicates), and minor metaconglomerate

The Dip Creek fault, just west of the Project, is a northeast trending fault with about 370m of apparent sinistral strike slip offset in this area. A northerly trending normal fault, east side down, borders the eastern property boundary. A number of northwest trending faults appear to dissect the Project, which are primarily seen in the property airborne FVD magnetic map *(Figure 10)*. The Jens Creek fault was initially interpreted from airborne geophysics *(Taylor, 1966)* and is evident in the airborne FVD magnetic map. A vertical, northwest trending fault (Trombley fault) is interpreted from the Resistivity/IP

survey on the Trombley zone *(Figures 10, 12 and 13)*. This fault shows a similar strike to a 25m wide shear zone, trending 130/34°NE, mapped in the Rude Creek canyon near the junction with Ray Creek *(Andersen, 2011)*. East-northeast trending cross-structures were noted in the area with slickensides at 077°/69°S, noted 400m downstream and the Rude Creek fissure vein-fault was found to have an orientation of 060°/26°S *(Andersen, 2011)*.

The northwest trending Koe shear zone could trend through upper Battle and Rude Creeks, proximal to the western Northeast soil anomaly, which appears to be supported by the airborne FVD magnetic map *(Figure 10)*. The Koe shear zone hosts gold-silver-antimony-arsenic bearing chalcedonic, drusy and massive quartz veins and clay-sericite-pyrite alteration approximately 8 km southeast of the Northeast zone.

A northeast trending fault, also evident in the airborne FVD magnetic map *(Figure 10),* appears to divert the central, northerly trending gold soil anomalies at the Northeast zone. A northeast trending dyke of the Casino suite appears to follow this structure further to the northeast *(Figure 15)*.

7.3 Mineralization (Figures 3 and 15)

The Rude Creek Gold Project covers the Haxe anomaly and Rude Creek showing, both documented as silver-lead-zinc±gold polymetallic vein occurrences (Minfile Numbers 115J 020 and 021) by the Yukon Geological Survey *(Deklerk, 2009 and http://data.geology.gov.yk.ca/) (Figure 15).* The Rude Creek showing consists of a 4.26m long and up to 1m wide, easterly (or possibly more north-northeasterly) trending carbonate (possible siderite) fissure vein, mineralized with galena, sphalerite and pyrite returning 0.34 g/t Au, 4198 g/t Ag and 37% Pb over 11 cm *(Cockfield, 1927)* and was explored by a 21.9m adit and trenching between 1922 and 1953. Other polymetallic vein occurrences are known in the general area, including the Victor (Minfile Number 115J 021), just to the south of the Project, and the Idaho (115J 099) and Nordex (115J 023), both about 2 km to the north *(Figure 15)*. No information is known about the Toad (115J 024) occurrence.

The Rude Creek showing was re-located in 2010, approximately 250m upstream of its plotted location, at 621818mE, 6951357mN, Nad 83, Zone 7. An 8 cm wide representative sample of the 060°/26°S trending sulphide bearing fissure vein returned 0.38 g/t Au, 1780 g/t Ag, >20% Pb, 0.15% Zn, 0.123% Cu, 140 ppm Mo, with >10,000 ppm As, 1875 ppm Sb, 19.5 ppm Bi, and 10 ppm Hg and the wallrock yielded 3.77% Pb with 9.7 g/t Ag *(Andersen, 2011)*. Tourmaline breccia float was observed just downstream, but did not contain significant results. Tourmaline and tourmaline breccias are commonly associated with porphyry copper deposits and can be associated with gold mineralization. This mineralization lies proximal to a northwest trending shear zone, with a similar trend to the Trombley fault.

Two significant gold soil anomalies have been delineated on the Project *(Figure 3)* with a good correlation of anomalous gold with anomalous bismuth, ±tellurium, and peripheral arsenic, silver, ±antimony and lead. The Trombley anomaly covers an easterly trending 150m by 350m, discontinuous to 550m (due to talus cover), >38 ppb Au soil anomaly *(Figure 4)* underlain by locally tourmaline bearing and chloritized,

biotite-hornblende granodiorite. Multiple northerly gold anomalous trends are evident in the Northeast zone, with at least five distinct linear, 800m long gold anomalies over the 1.5 km wide grid, and remain open in all directions *(Figure 5).* The area also appears to be underlain by biotite-hornblende granodiorite, intruded by a variety of dykes of the Casino and Prospector Mountain suites. Extensive pyrite (up to 15%) and trace chalcopyrite were noted associated with dykes in an outcrop in the western portion of the zone *(Wagner, 1996)*.

The Trombley soil anomaly has been drilled, with a total of 723.9m of RAB and RC drilling in 8 holes. Two north trending structures were intercepted returning 0.53 g/t Au over 13.4m including 0.63g/t Au over 6.1m and 2.14 g/t Au over 1.53m in hole ROYRC17-05 and 0.52 g/t Au over 4.57m including 1.17 g/t Au over 1.52m in ROYRC18-07 *(Figures 17 and 18 and Table 3).* A low grade intercept near the bottom of ROYRC18-07 correlates vertically down dip from the mineralized intercept in ROYRC17-05. The best gold grades are coincident with sericite altered granodiorite, with about 5 to 10% limonite after pyrite, ±pyrite and arsenopyrite, with minor (to 5%) fine quartz ±carbonate veining.

The north trends obtained for the gold bearing structures in drilling indicate that the Trombley grid is not favourably oriented to detect the structures and anomalies remain open to the north and south and somewhat to the east. In addition, three of the drill holes (RAB16-03, RC17-06 and RC18-08) were drilled parallel to the direction of the gold bearing structures. Two additional holes (RAB15-01 and -02) were drilled away from the gold soil anomaly.

The Northeast zone was drilled in 2019 with 298.7m of RC drilling in 3 holes intersecting anomalous gold at shallow depths in all three drill holes commonly associated with anomalous silver, lead, bismuth, copper, arsenic and tellurium, ± higher iron. All holes intersected chloritized and variably pyritized biotite-hornblende granodiorite with quartz feldspar porphyry dykes evident in the top of holes ROYRC19-09 and -10.

The most significant drill intercept, and the best intercept from the property to date, is 1.42 g/t Au with 19.5 ppm Ag, 959 ppm Pb, 67.9 ppm Bi, 194 ppm As, 189 ppm Cu and 5.4% Fe over 9.15m at approximately 36m below surface, including 3.75 g/t Au over 3.05m from ROYRC19-09. The central portion of the interval from 44.20 to 47.55 corresponds to a pyritic, clay altered zone that appears to represent a fault. It is probable that the fault is the northeast trending fault thought to disrupt the Northeast zone soil anomalies and may represent a secondary structure to the northwest trending Koe shear zone, which is thought to lie to the southwest of the Northeast zone. The Koe shear zone hosts gold-silver-antimony-arsenic bearing chalcedonic, drusy and massive quartz veins and clay-sericite-pyrite alteration approximately 8 km to the southeast, off the Project.

Pyrite, minor molybdenite and chalcopyrite ±malachite mineralization occurs within the southern end of the Hilltop plug above the Trombley zone and within the Mt. Cockfield stock in the southeastern Project area where sheeted magnetite veins have also been noted *(Figure 15)*. This mineralization and alteration may be associated with the Cockfield porphyry showing, about 1.5 km southeast of the southeastern Project area.

8.0 DEPOSIT TYPE

The Rude Creek Gold Project lies within the Dawson Range gold district, about 45 km southeast of Newmont Goldcorp's Coffee deposit where Mid Cretaceous aged gold mineralization (dated at 97 to 92 Ma) is hosted by metamorphosed Paleozoic basement rocks of the Yukon-Tanana terrane (primarily a felsic orthogneiss) and the Mid Cretaceous (99.5 ±0.9 Ma) Coffee Creek pluton, part of the Dawson Range Batholith. There is a strong structural control to the mineralization with northerly and easterly structures predominating *(Figure 19)*. Gold mineralization is typically associated with pyrite or limonite (after pyrite) and occurs in brittle structures, breccias, ± with quartz, fracture fillings, quartz vein stockworks, silicified flooded zones and quartz-sericite-pyrite altered granite. Dolomite and illite alteration, hematite, arsenopyrite and stibnite also occur and there is some association of gold with arsenian pyrite. The mineralization has been classified as orogenic *(Makarenko et al., 2014)*.

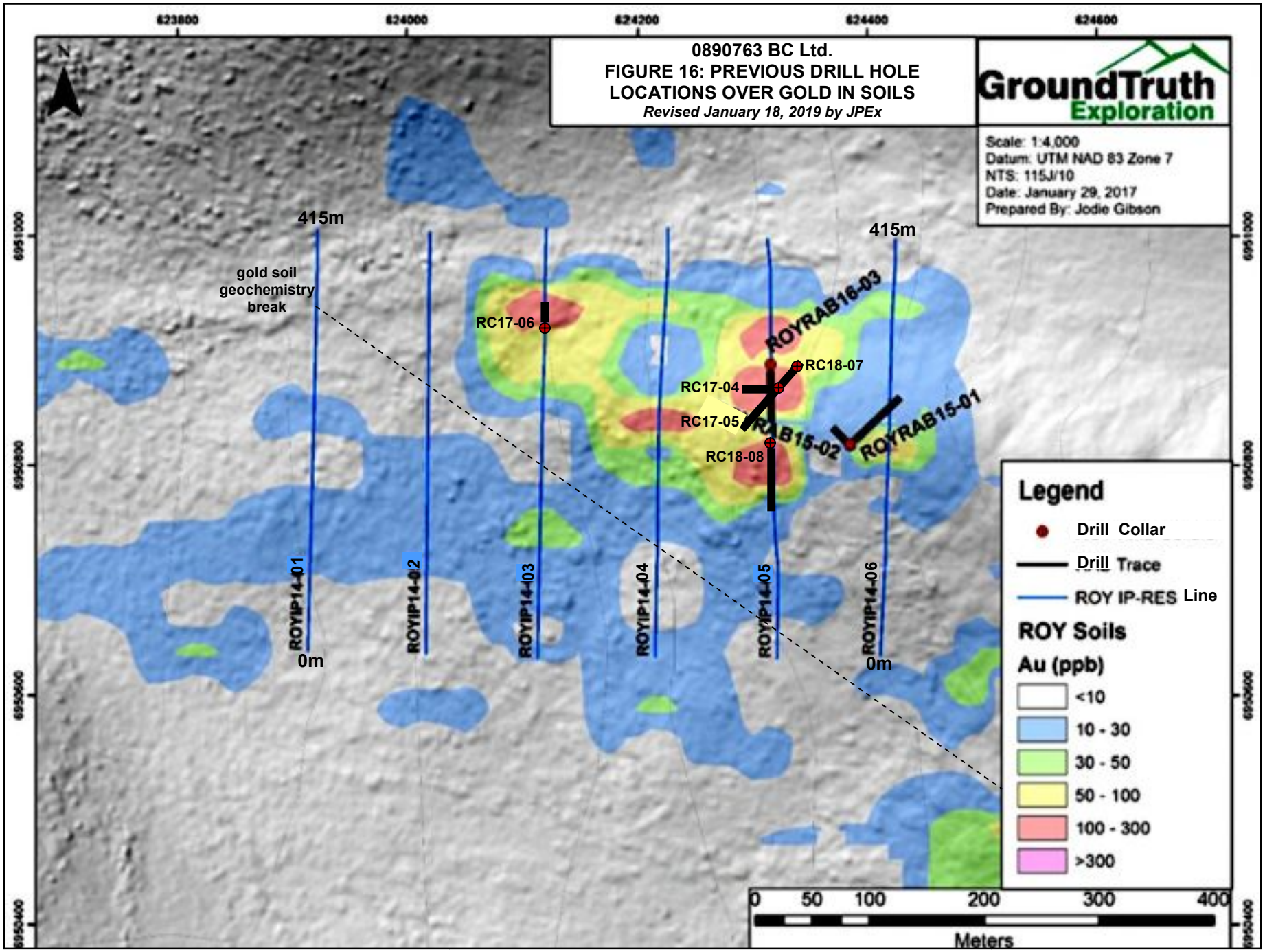
The Rude Creek Gold Project is also situated 80 km south-southeast of the recent Vertigo discovery and 72 km southeast of the Golden Saddle deposit, both orogenic type gold systems owned by White Gold Corp. They occur just to the north of the Dawson Range gold district within the White Gold district, where gold mineralization typically exhibits an older Jurassic age compared to the Cretaceous ages typical within the Dawson Range. The author has not been able to independently verify the above information and it is not necessarily indicative of the mineralization on the Rude Creek Gold Project which is the subject of this report.

Gold mineralization within the White Gold district is characterized by the orogenic type. Mineralization is controlled by a brittle to brittle-ductile D4 deformation event dated as Middle to Late Jurassic (155-160 Ma), which corresponds to the age of regional exhumation and cooling in the region *(Allan et al., 2013).* Epizonal features (breccias, rapid crystallization textures) are prevalent *(Allan et al., 2013*) and gold is commonly associated with oxidized cubic pyrite. A common host rock is the felsic orthogneiss, due to its competency. The alteration assemblage includes sericite, silicification, carbonate, pervasive potassium feldspar and hematite (typical in the footwall zone). Most gold prospects in the White Gold district share a common relationship with small-displacement, easterly trending, sinistral strike-slip faults *(Allan et al., 2013*).

Drilling on the Trombley zone at the Rude Creek Gold Project indicated that the best gold grades are coincident with sericite altered granodiorite, with about 5 to 10% limonite after pyrite, ±pyrite and arsenopyrite, with minor (to 5%) fine quartz ±carbonate veining. Structural control is strongly indicated by mapped and interpreted structures from airborne magnetic and ground resistivity/IP geophysics, dykes and long, linear gold soil anomalies. Mineralization on the property appears to be of the orogenic type.

9.0 EXPLORATION

The 2019 exploration program on the Rude Creek Gold Project consisted of 298.7m of RC drilling in 3 holes, targeting the north end of the Northeast gold soil anomaly and was completed between June 4 and 11 at a cost of approximately $145,000. The program was operated by 0890763 BC Ltd. of the Province of BC with the aid of a grant under the target evaluation module of the Yukon Mineral Exploration Program. The drill program will be discussed under Section 10.2, "2019 Drilling".


0890763 BC Ltd.
FIGURE 16: PREVIOUS DRILL HOLE LOCATIONS OVER GOLD IN SOILS
Revised January 18, 2019 by JPEx
GroundTruth Exploration
Scale: 1:4,000
Datum: UTM NAD 83 Zone 7
NTS: 115J/10
Date: January 29, 2017
Prepared By: Jodie Gibson
N
623800
624000
624200
624400
624600
6951000
6950800
6950600
6950400
415m
0m
gold soil geochemistry break
RC17-06
ROYRAB16-03
RC18-07
RC17-04
RC17-05
ROYRAB15-02
ROYRAB15-01
RC18-08
ROYIP14-01
ROYIP14-02
ROYIP14-03
ROYIP14-04
ROYIP14-05
ROYIP14-06
Legend
Drill Collar
Drill Trace
ROY IP-RES Line
ROY Soils
Au (ppb)
<10
10 - 30
30 - 50
50 - 100
100 - 300
>300
0
50
100
200
300
400
Meters

10.0 DRILLING

10.1 Previous Drilling (Figures 16-18)

A total of 723.9m of drilling in 8 holes was completed on the Rude Creek Gold Project between 2015 and 2018 by 0890763 BC Ltd., including 219.5m of RAB drilling in 3 holes and 504.4m of RC drilling in 5 holes. All drilling targeted the Trombley soil anomaly and was directed by Bart Jaworski of 0890763 BC Ltd. The RAB drilling was executed by GroundTruth of Dawson City, Yukon and the RC drilling by Midnight Sun Drilling Inc. ("Midnight Sun"). The following discussion of the drill programs are primarily summarized from Cote (2015c), and Fage (2017 and 2018a & b).

The RAB drilling was performed by GroundTruth in 2015 and 2016, using their remote controlled, tracked, air/hydraulically operated RAB drill with a 60 hp turbo charged Kubota diesel engine. The drill uses a stationary 300/200 air compressor and a 90 mm COP32 hammer. Drill rods are 1.5m long, drill hole diameter is 8.88 cm and rock chips range in size from 1/4 to 3/8". The RC drilling was conducted by Midnight Sun of Whitehorse, Yukon in 2017 and 2018 using their Grasshopper helicopter portable RC rig using $2^{7}/_{8}$" dual wall RC rods (90 mm hole size) and a center sample hammer. Both the RAB and RC drills were mobilized and demobilized to/from the site by helicopter from a staging area at the Rude Creek airstrip.

RAB chip trays are stored at the premises of GroundTruth Exploration Inc., Dawson City, Yukon Territory and RC chip trays are stored at the Yukon Geological Survey's Bostock core library, Alaska Highway, Whitehorse. Most of the drill sites were inspected by the author during a site examination on January 17, 2019 and the RC chips were reviewed on February 14, 2019 at the core library.

Drill hole specifications are summarized in Table 3 below with drill hole locations shown in Figure 16 and cross sections in Figures 17 and 18. In the drill tables "Elev." denotes elevation and "Az." azimuth.

Table 3: Previous drill hole specifications

Hole Number	Nad 83 Easting	Zone 7 Northing	Elev. (m)	Az. (°)	Dip (°)	Length (m)	No. of Samples
ROYRAB15-01	624386	6950817	1337	045	-55	100.58	63
ROYRAB15-02	624385	6950818	1337	315	-55	30.48	20
ROYRAB16-03	624316	6950888	1302	180	-55	88.39	58
ROYRC17-04	624322	6950871	1306	275	-70	102.41	65
ROYRC17-05	624322	6950871	1306	230	-60	102.41	65
ROYRC17-06	624117	6950921	1218	000	-75	103.02	67
ROYRC18-07	624345	6950890	1309	230	-60	97.54	63
ROYRC18-08	624320	6950830	1297	180	-50	99.06	65
TOTAL						**723.89**	**466**

Recovery appears to have been good, except in the very top, up to 3m, of some holes. The author is not aware of any drilling, sampling or recovery factors that could materially impact the accuracy and reliability of the results.

All holes encountered granodiorite throughout their entire lengths, except for a possible fine grained dyke at 62.5 to 64m in ROYRC17-08, which was associated with elevated gold and arsenic. Drill results are summarized in Table 4 below and are graphically shown on select sections *(Figures 17 and 18)*.

Table 4: Significant previous drill results

Hole No.	From (m)	To (m)	Length (m) *	Au (g/t)
ROYRAB16-03	41.15	48.77	7.62	0.207
including	45.72	47.24	1.52	0.750
ROYRC17-05	5.18	18.59	13.41	0.530
including	5.18	6.71	1.52	2.140
ROYRC18-07	15.24	19.81	4.57	0.520
including	16.76	18.29	1.52	1.176

* Insufficient information is available to estimate the true thickness of these intercepts and, as such, the true thickness may be less than the down-hole length intercept reported above and RC drill holes are sampled in about 1.5m intervals, which may not coincide with the mineralized thicknesses.

ROYRAB15-01 and -02 targeted the strongest soil geochemical anomaly in the Trombley zone, deliberately irrespective of IP geophysical data; however part of the soil anomaly relies on historical data from 1999 to 2000, the exact location of which is suspect. ROYRAB15-02, also did not reach target depth due to slow drilling attributed to hard ground. ROYRAB16-03 targeted coincident recent soil geochemical and IP geophysical anomalies and yielded the best gold intercept from the RAB drill program, which is 0.21 g/t Au over 7.6m, including 0.75 g/t over 1.5m. The IP anomaly consists of a chargeability high/low contact with a coincident resistivity high, interpreted to represent a fault.

The best gold intercept from the 2017-2018 RC drilling was 0.53 g/t Au over 13.4m in hole ROYRC17-05, accompanied by anomalous copper, lead, zinc, arsenic, and silver, and included 2.14 g/t Au over 1.5m. Hole ROYRC18-07 was drilled as a 30m step out behind ROYRC17-05 to test its down dip extent, and returned similar values of 0.52 g/t Au over 4.57m including 1.17 g/t Au over 1.52m near surface (<19.8m) within a 21.3m interval of elevated arsenic (>50 ppm) from surface. A low grade intercept near the bottom of ROYRC18-07 correlates vertically down dip from the 0.53 g/t over 13.41m intercept from ROYRC17-05. The near-surface intercept in ROYRC18-07 is interpreted as a second, near vertical gold bearing structure *(Figure 17)*. The best gold grades are coincident with sericite altered granodiorite, with about 5 to 10% limonite after pyrite, ±pyrite and arsenopyrite, with minor fine quartz ±carbonate veining.

The north trends obtained for the gold bearing structures indicate that the Trombley drilling was not favourably oriented to detect the structures and soil anomalies remain open to the north and south and somewhat to the east. Three of the drill holes (RAB16-03, RC17-06 and RC18-08) were drilled parallel to the gold bearing structures and two additional holes (RAB15-01 and -02) were drilled away from the soil anomaly.

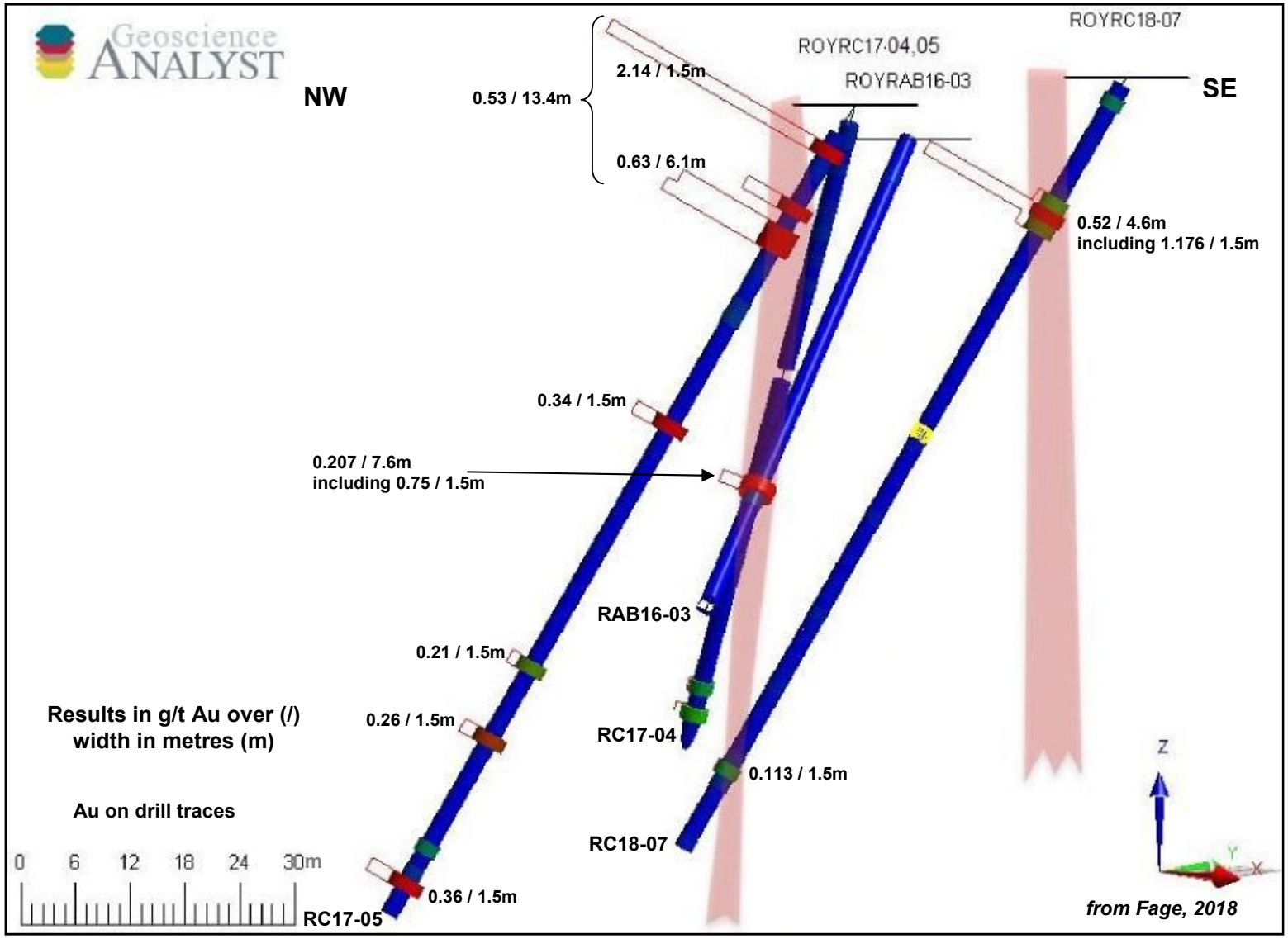


FIGURE 17: Drill section through RC17-05 and RC18-07, looking northeast

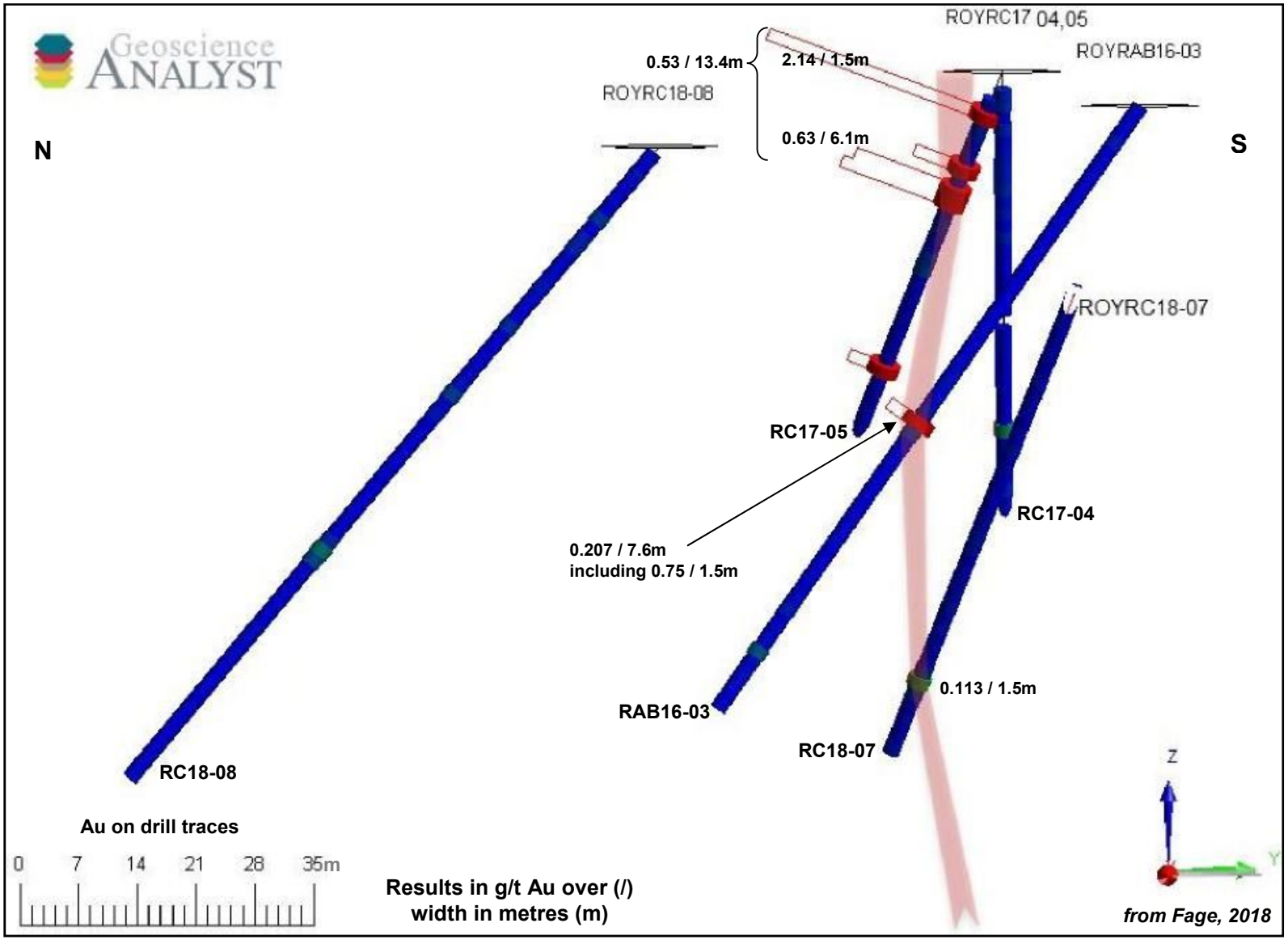


FIGURE 18: Drill section 624320E through RC18-08, looking east

10.2 2019 Drilling (Figures 5 and 19 to 21)

A total of 298.7m of RC drilling in 3 holes was completed on the Rude Creek Gold Project from June 4 to 11, 2019 by 0890763 BC Ltd. with the aid of a grant under the Yukon Mineral Exploration Program. The drilling targeted the north end of the Northeast gold soil anomaly. The northern end of the anomaly was chosen due to favourable topography for drill setups.

The drill program was completed by Midnight Sun, based in Whitehorse, Yukon, using their Grasshopper helicopter portable RC rig with $2^{7}/_{8}$" dual wall RC rods (90 mm hole size) and a center sample hammer, and was directed by Bart Jaworski of 0890763 BC Ltd. The author visited the drill sites on June 9, 2019 and subsequently logged the RC chips between June 21 and 24. Chip trays are stored at the Bostock core library, Yukon Geological Survey, Alaska Highway, Whitehorse. The drill was mobilized and demobilized to/from the site by helicopter from a staging area at the Casino airstrip, 15 km northwest of the drill sites. Drill hole specifications are summarized in Table 5, below with drill hole locations shown in Figure 5.

Table 5: 2019 drill hole specifications

Hole Number	Nad 83 Easting	Zone 7 Northing	Elev. (m)	Az. (°)	Dip (°)	Length (m)	No. of Samples
ROYRC19-09	625613	6953243	1535	081	-60	99.36	65
ROYRC19-10	625612	6953243	1535	261	-70	99.67	65
ROYRC19-11	626403	6953249	1633	081	-60	99.67	65
TOTAL						**298.7**	**195***

* in addition 9 quality assurance and quality control samples were analyzed

Recovery appears to have been good and the author is not aware of any drilling, sampling or recovery factors that could materially impact the accuracy and reliability of the results.

RC logging was completed by the author in 2019 between June 21 and 24. The author collected the chip trays for ROYRC19-09 and -10 during the visit on June 9, 2019 at which time all drill sites were examined and the azimuths verified. The chip trays for ROYRC19-11 were collected from Midnight Sun's shop in Whitehorse on June 18. All holes encountered granodiorite throughout their entire lengths, except for mixed intervals of quartz feldspar porphyry within the granodiorite, possibly occurring as dykes, in ROYRC19-09 and -10 from the tops of the holes to 4m in ROYRC19-09 and to 14m in ROYRC19-10.

Gold values ranged from negligible to 4.25 g/t Au, with anomalous gold commonly associated with anomalous silver, lead, bismuth, copper, arsenic and tellurium, ± higher iron. The overall bismuth values are high with an average of 6.9 ppm Bi throughout the drill holes. Significant drill results for gold are summarized in Table 6 and are graphically shown on the sections with other significantly anomalous elements *(Figures 19 to 21)*.

Table 6: Significant 2019 drill results

Hole No.	From (m)	To (m)	Length (m) *	Au (g/t)
ROYRC19-09	4.88	9.45	4.57	0.27
including	6.40	7.92	1.52	0.54
	41.45	**50.60**	**9.15**	**1.42**
including	**44.50**	**47.55**	**3.05**	**3.75**
including	**46.02**	**47.55**	**1.53**	**4.25**
ROYRC19-10	24.99	26.52	1.53	0.22
ROYRC19-11	57.00	58.52	1.52	0.66

* Insufficient information is available to estimate the true thickness of these intercepts and, as such, the true thickness may be less than the down-hole length intercept reported above and RC drill holes are sampled in about 1.5m intervals, which may not coincide with the mineralized thicknesses.

The most significant drill intercept returned from the 2019 program, and the best intercept from the property to date, is 1.42 g/t Au with 19.5 ppm Ag, 959 ppm Pb, 67.9 ppm Bi, 194 ppm As, 189 ppm Cu and 5.4% Fe over 9.15m, including 2.71 g/t Au, 37.5 ppm Ag, 1881 ppm Pb, 124 ppm Bi, 344 ppm As, 334 ppm Cu and 7.8% Fe over 4.56m from ROYRC19-09. The central portion of the interval from about 44.20 to 47.55 corresponds to a pyritic, clay altered zone that appears to represent a fault, with minor tourmaline and possible quartz-carbonate veinlets. It is probable that the fault is the northeast trending fault shown on Figure 15. This fault may represent a secondary structure to the northwest trending Koe shear zone, which is thought to lie to the southwest of the Northeast zone.

Another anomalous gold intercept was encountered near the top of hole ROYRC19-09 but below the quartz feldspar porphyry intersections. The interval contains 0.27 g/t Au with 76.4 ppm Bi, 455 ppm Cu, 3.9 ppm Ag, and weakly elevated lead over 4.57m, including 0.54 g/t Au over 1.52m.

The highest gold value from ROYRC19-10 is only 0.22 g/t Au over 1.53m, but this intercept is also associated with anomalous silver, lead, bismuth, copper and arsenic *(Figures 19 and 20)*. A similar multi-element anomaly occurs a further 8m downhole and another occurs near the bottom of the hole from 85.95 to 90.53; the latter lacks significant gold and arsenic *(Figures 19 and 20)*.

The only significant gold intercept in ROYRC19-11 is 0.66 g/t Au over 1.52m within an interval of 405 ppm As over 4.56m, with slightly elevated lead *(Figure 21)*. Three other intercepts with anomalous copper, lead, arsenic, and elevated bismuth and silver occur uphole, with one at the top *(Figure 21)*. Overall the iron content is higher in ROYRC19-11 with an average of 2.75% through the hole. Magnetite occurs in the top of the hole, including magnetite stringers and pyrite replaces hornblende through the bottom of the hole.

Drill sampling methods are discussed under Section 11.0, “Sample Preparation, Analyses and Security”, below.

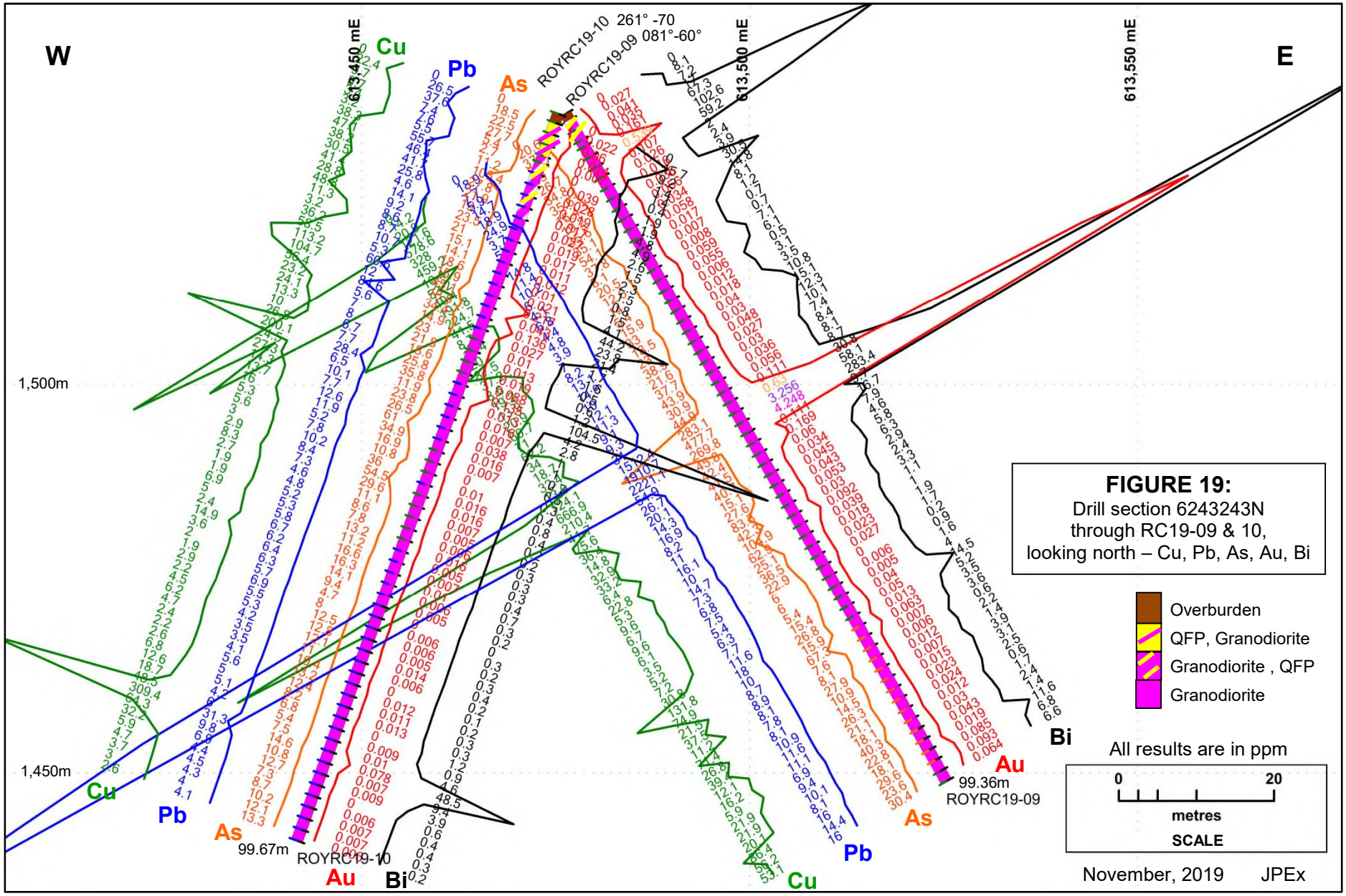


FIGURE 19:
Drill section 6243243N
through RC19-09 & 10,
looking north – Cu, Pb, As, Au, Bi

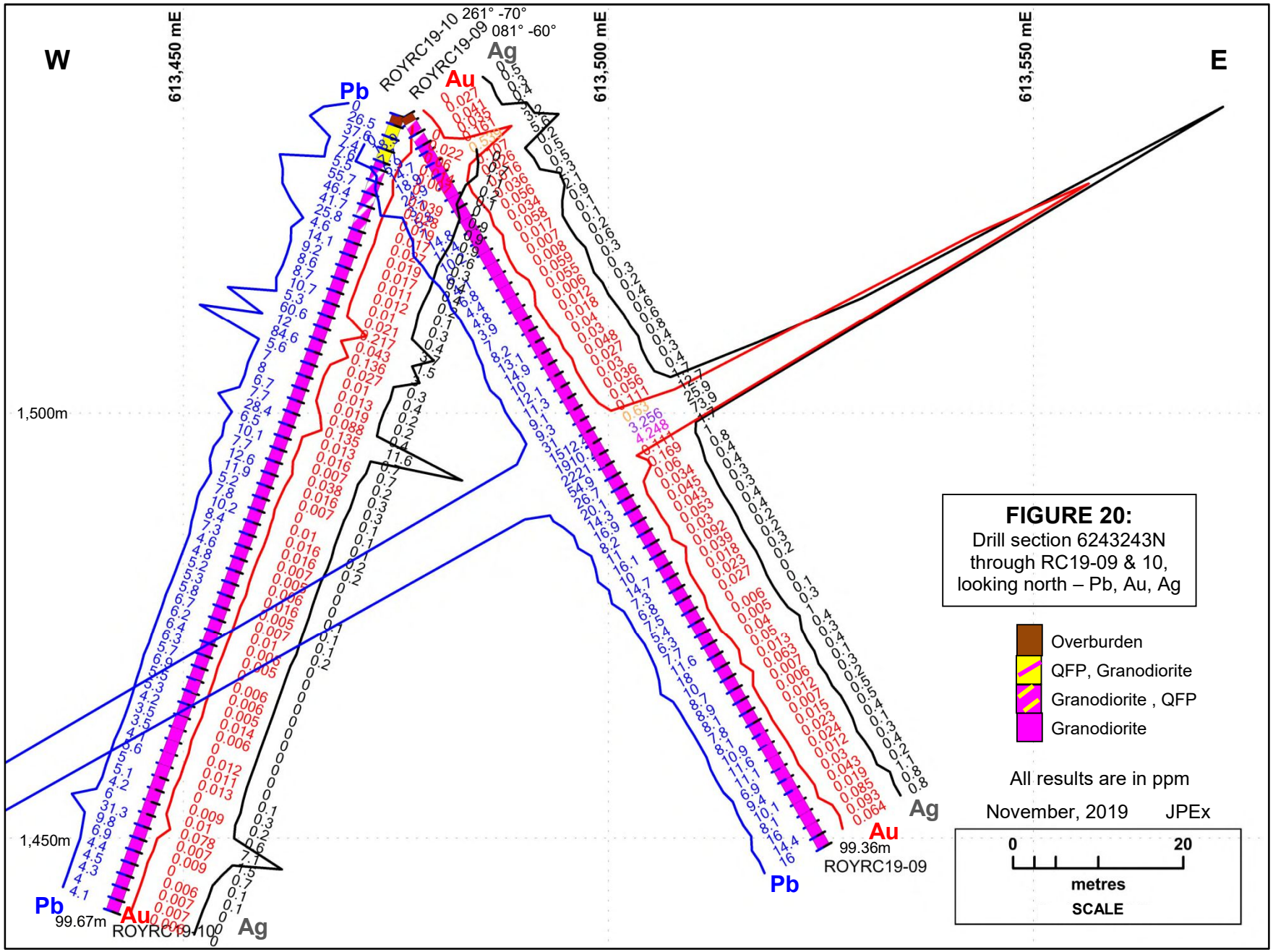


FIGURE 20:
Drill section 6243243N through RC19-09 & 10, looking north – Pb, Au, Ag

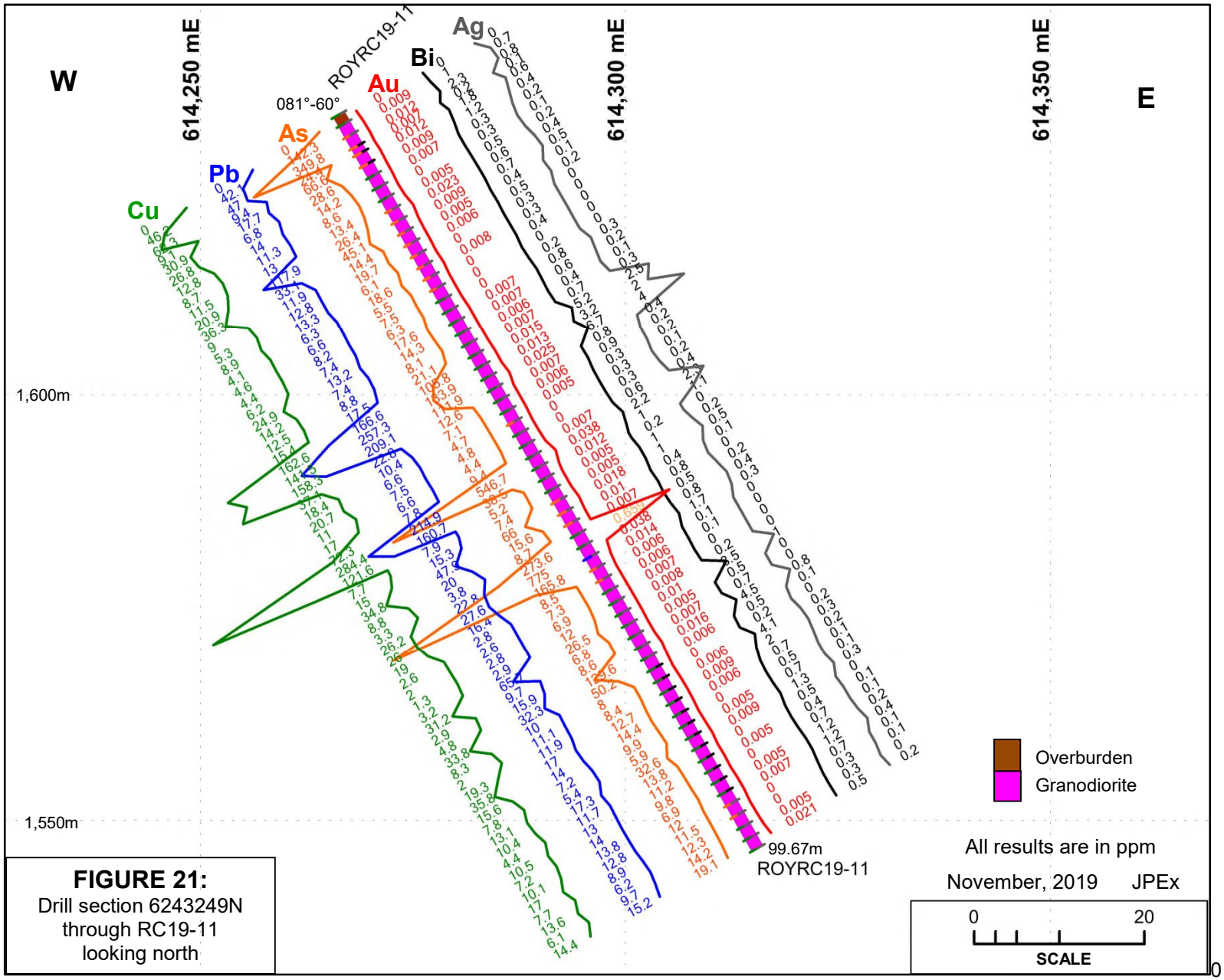


FIGURE 21:
Drill section 6243249N
through RC19-11
looking north

11.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

Almost all RC samples from the 2017 to 2019 RC programs and all RAB samples from the 2015 and 2016 programs were collected at 1.5m intervals and representative chips catalogued in chip trays, which were photographed, logged and stored for future reference.

RC and RAB cuttings are deposited from the cyclone into a 20 litre bucket, which is dumped into an 8:1 splitter, with approximately 2.25 kg bagged as a sample and the remainder deposited into a retention bucket from which another 2.25 kg is bagged and labelled as a duplicate for retention. A small plastic container of chips is collected, dry and then wet sieved, and washed chips catalogued in chip trays with hole and sample number and interval marked. The remainder in the retention bucket is discarded and buckets and splitter are cleaned with pressurized air. The analytical sample is bagged in a 12”x20” ore bag, sample number barcode inserted into bag and sealed with zip tie with external barcode sample number attached. The analytical sample is placed into a rice bag marked with client, project code, bag series and number of samples, with generally 10 samples per bag. The rice bag is sealed with a zip tie and security zip tie.

RC logging was completed by the author in 2019 between June 21 and 24, and by geologists Linda Lewis in 2018 and Kel Sax in 2017. The RAB samples were logged by Adam Fage in 2016 and by Al Doherty, P.Geo. of Aurum Geological Consultants Inc., Whitehorse, Yukon Territory, in Whitehorse in 2015. All sample intervals, primarily 1.5m long, in each drill hole were sampled resulting in a total of 195 samples in 2019 and 466 from the previous drilling from 2015 to 2018.

In the 2019 drill program, 3 blanks and 3 standards were inserted by the author, and 3 duplicates were requested of specific sample rejects at the laboratory, for quality assurance and quality control (“QAQC”). The blank used was commercially available porous stone and the standard was CDN-GS-4D (3.81 ± 0.25 g/t Au) (*http://www.cdnlabs.com/Certificates.htm*). The only record of previous QAQC is in the 2018 program with a total of 12 samples, consisting of 4 blanks and 4 standards inserted by the geologist and 4 duplicates, which were requested of specific sample rejects at the laboratory. The blank used was CDN-BL-10 (<0.01 g/t Au), consisting of granitic material and the standard was CDN-GS-P7L (0.709 ± 0.072 g/t) (*http://www.cdnlabs.com/Certificates.htm*). All standards, blanks and duplicates returned results within acceptable limits. This indicates that the analytical results had an acceptable degree of precision and were free from contamination during sample preparation.

The author collected the chip trays for ROYRC19-09 and -10 during the visit on June 9, 2019 at which time all drill sites were examined and the azimuths verified. The chip trays for ROYRC19-11 were collected from Midnight Sun’s shop in Whitehorse on June 18 at which time the samples were picked up and delivered to the sample preparation facility of Bureau Veritas Mineral Laboratories (“BVML”) in Whitehorse.

All previous RC drill samples were delivered by Midnight Sun to their shop in Whitehorse, where they were logged and then transported to BVML’s facility in

Whitehorse. All RAB drill samples were delivered by GroundTruth to BVML's sample preparation facility in Whitehorse, Yukon via Kluane Freight Lines Ltd.

All samples were prepared at BVML's Whitehorse facility, then internally sent to BVML's Vancouver, British Columbia facility for analysis. Sample preparation for the 2019 RC samples involved crushing 1 kg to 90% passing through 10 mesh, split 250g and pulverize to 85% passing through 200 mesh (PRP90-250). Gold was analyzed by BVML's Group FA430 analysis, which involves a fire assay pre-concentration with an atomic absorption spectrometry ("AAS") finish on a 30g sample. The samples were additionally analyzed for 36 elements, including gold, by BVML's Group AQ200 analysis, a multi-element inductively coupled plasma ("ICP") package which involves an aqua regia digestion with a mass spectrometry ("MS") finish on a 0.5g sample.

All drill and rock sample preparation from 1999 to 2018 involved crushing 1 kg to 70% passing through 10 mesh, split 250g and pulverize to 85% passing through 200 mesh (PRP70-250). All 2017 to 2018 RC drill samples were analyzed for 36 elements, including gold, by BVML's Group AQ202 analysis, a multi-element ICP package which involves a modified aqua regia digestion with a mass spectrometry finish on a 30g sample. Gold in the RAB drill samples was analyzed by BVML's Group FA430 analysis, which involves a fire assay pre-concentration with an AAS finish on a 30g sample. Over limit gold values were assayed by fire assay with a gravimetric finish. The samples were additionally analyzed for 36 elements, including gold, by BVML's Group AQ200 analysis, a multi-element ICP package which involves an aqua regia digestion with an MS finish on a 0.5g sample.

All soil sample preparation from 1999 to 2016 involved drying at 60°C and sieving to -80 mesh and all rock sample preparation was completed as discussed under drill samples (PRP70-250).

The 2014 to 2016 soil samples were sent to BVML's sample preparation facility in Whitehorse where they were prepared, then internally sent to their Vancouver, British Columbia facility for analysis. The samples were analyzed for 36 elements, including gold, by BVML's Group AQ201 analysis, a multi-element ICP package which involves an aqua regia digestion with an MS finish on a 15g sample. Ryan's 2007 and Ethos' 2011 soils were analyzed as above but in 2007 they were sent direct to Acme Analytical Laboratories Ltd. ("Acme", now BVML) in Vancouver, British Columbia and the 2011 samples were delivered by GroundTruth to Acme's preparation facility in Dawson City where they were prepared, then internally sent to their Vancouver, British Columbia facility for analysis.

The 2010 samples by Boomerang and 2011 samples by Silver Quest were submitted to ALS Minerals ("ALS") in Whitehorse for preparation and internally sent to their North Vancouver facility for analysis. All samples were analyzed for gold by fire assay using an atomic absorption finish on a 30g sample and for 51 elements by the ME-MS41 technique using aqua-regia digestion with an ICP-MS finish on a 0.5g sample.

Prospector International's 1999 and 2000 samples were shipped to Acme (now BVML) in Vancouver, British Columbia. Silt samples were sieved to two fractions, -150 +230

mesh and -230 mesh. Gold was analyzed using an aqua regia digestion with an ICP-MS finish on a 30g sample.

Quality control procedures were also implemented at the laboratory, involving the regular insertion of blanks and standards and check repeat analyses and resplits (re-analyses on the original sample prior to splitting). There is no evidence of any tampering with or contamination of the samples during collection, shipping, analytical preparation or analysis. All sample preparation was conducted by the laboratory. The laboratory is entirely independent from the issuer. All samples since 1999, except for the 2010 and 2011 samples were analyzed by Bureau Veritas Mineral Laboratories or Acme Analytical Laboratories Ltd. (now BVML) of Vancouver, British Columbia. The 2010 Boomerang and 2011 Silver Quest samples were analyzed by ALS in North Vancouver. BVML and ALS are, and Acme was, IS0 9001 accredited facilities and their preparation facilities were accredited for the procedures performed. In the author's opinion the sample preparation, security, and analytical procedures were entirely adequate.

A sampling protocol should be implemented by 0890763 BC Ltd., involving the routine and regular insertion of blanks, standards and duplicates sent to the primary laboratory, and re-assaying of selected mineralized pulps at a second independent laboratory in future drill programs on the project.

12.0 DATA VERIFICATION

The current geochemical data was verified by sourcing original analytical certificates and digital data. Analytical data quality assurance and quality control was indicated by the favourable reproducibility obtained in laboratory and company inserted standards, blanks and duplicates (repeats). Quality control procedures are documented in Section 11.0, "Sample Preparation, Analysis and Security".

There does not appear to have been any tampering with or contamination of the samples during collection, shipping, analytical preparation or analysis. In the author's opinion, the data provided in this technical report is adequately reliable for its purposes.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The Rude Creek Gold Project is at an early exploration stage and no metallurgical testing has been carried out.

14.0 MINERAL RESOURCE ESTIMATES

There has not been sufficient work on the Rude Creek Gold Project to undertake a resource calculation.

23.0 ADJACENT PROPERTIES (Figures 2 and 15)

An abutment of one claim width of the AXS claims of Casino Mining Corp. adjoins the Rude Creek Gold Project in one location along the northern property boundary *(Figures 2 and 15, and http://mapservices.gov.yk.ca/YGS/Load.htm)*. The claims appear to have been staked to protect access to the Casino deposit, located 15 km northwest of the Project.

The AXS claims are adjoined to the north by the approximate 1200 ha Idaho property of ATAC Resources Ltd. where limited drilling, not deep enough to test the main IP anomalies, and airborne radiometric data indicate the potential for a high level porphyry system *(website at* http://www.atacresources.com/for-option/idaho-creek*)*. Polymetallic veins also occur at the Idaho property, which are probably distally related to the porphyry system. Mineralization consists of limonite, pyrite, arsenopyrite, galena and sphalerite with peak gold and silver values of 15 g/t Au and 1,389 g/t Ag *(Deklerk, 2009)*.

The author has not been able to independently verify the above information and it is not necessarily indicative of the mineralization on the Rude Creek Gold Project which is the subject of this report.

(Refer to Figures 2 and 15, and website at http://gysde.gov.yk.ca.)

24.0 OTHER RELEVANT DATA AND INFORMATION

To the author's knowledge, there is no additional information or explanation necessary to make this technical report understandable and not misleading.

25.0 INTERPRETATION AND CONCLUSIONS

Two significant gold soil anomalies have been previously delineated on the Project with associated anomalous bismuth, ±tellurium, and peripheral arsenic, silver, ±antimony and lead. The 2019 drill program targeted the open ended northern extent of the previously undrilled Northeast zone soil anomaly. A total of 298.7m of RC drilling in 3 holes was completed returning gold values ranging from negligible to 4.25 g/t Au. Anomalous gold was encountered at shallow depths in all three drill holes commonly associated with anomalous silver, lead, bismuth, copper, arsenic and tellurium, ± higher iron. All holes intersected chloritized and variably pyritized biotite-hornblende granodiorite with quartz feldspar porphyry dykes evident in the top of holes ROYRC19-09 and -10. The overall bismuth values are high with an average of 6.9 ppm Bi throughout the drill holes.

The most significant drill intercept returned from the 2019 program, and the best intercept from the property to date, is 1.42 g/t Au with 19.5 ppm Ag, 959 ppm Pb, 67.9

ppm Bi, 194 ppm As, 189 ppm Cu and 5.4% Fe over 9.15m at approximately 36m below surface, including 3.75 g/t Au over 3.05m from ROYRC19-09. The central portion of the interval from 44.20 to 47.55 corresponds to a pyritic, clay altered zone that appears to represent a fault. It is probable the fault is the northeast trending fault thought to disrupt the Northeast zone soil anomalies and may represent a secondary structure to the northwest trending Koe shear zone, which is thought to lie to the southwest of the Northeast zone. The Koe shear zone hosts gold-silver-antimony-arsenic bearing chalcedonic, drusy and massive quartz veins and clay-sericite-pyrite alteration approximately 8 km to the southeast, off the Project.

The Northeast zone appears to be underlain by biotite-hornblende granodiorite, intruded by a variety of dykes of the Casino and Prospector Mountain suites. Extensive pyrite (up to 15%) and trace chalcopyrite were noted associated with dykes in an outcrop in the western portion of the zone. Multiple northerly gold anomalous trends are evident in the Northeast zone, with at least five distinct, linear, 800m long gold anomalies over the 1.5 km wide grid, open to the north, west, east and somewhat to the south. The drilling targeted the north end of the Northeast gold soil anomaly primarily due to favourable topography for drill setups. Sample density on the Northeast soil grid is only at 50m stations along 200m spaced lines. Additional soil sampling and prospecting/mapping is necessary to delineate the extent, and better constrain the orientation, of the gold soil anomalies.

The Trombley gold soil anomaly covers an apparently easterly trending 150m by 350m, discontinuous to 550m (due to talus cover), >38 ppb Au soil anomaly underlain by locally tourmaline bearing and chloritized biotite-hornblende granodiorite. Drilling of the soil anomaly, with a total of 723.9m of percussion drilling in 8 holes intersected two north trending structures returning 0.53 g/t Au over 13.4m including 0.63 g/t Au over 6.1m and 2.14 g/t Au over 1.5m in hole ROYRC17-05 and 0.52 g/t Au over 4.57m including 1.17 g/t Au over 1.5m in ROYRC17-07.

The best gold grades on the Trombley anomaly are coincident with sericite altered granodiorite, with about 5 to 10% limonite after pyrite, ±pyrite and arsenopyrite, with minor fine quartz ±carbonate veining. Both the soil grid and most of the drilling were not favourably oriented or positioned to intersect north trending structures. The anomaly and gold bearing structures remain open to the north, south and somewhat to the east, as well as down dip.

The deposit model for the Rude Creek Gold Project is the orogenic type, such as at Newmont Goldcorp's Coffee deposit, and at the Golden Saddle and VG deposits and the newly discovered Vertigo zone of White Gold Corp. The Coffee deposit is hosted by metamorphosed Paleozoic basement rocks of the Yukon-Tanana terrane and the Mid Cretaceous Coffee Creek pluton, of the Whitehorse plutonic suite in the Dawson Range batholith, with a strong structural control. Northerly and easterly trends dominate *(Figure 22)*. Strong similarities exist between the Rude Creek Gold Project and the Coffee deposit as follows: both are located within the Dawson Range gold district and are, at least in part, hosted by phases of the Whitehorse plutonic suite; steeply dipping, north trending structures dominate at the Supremo zone within the Coffee deposit and have been intersected in drilling at the Trombley zone and are suggested by trends within the

Northeast gold soil anomaly on the Rude Creek Gold Project; a strong structural control is indicated at both; and there is a similarity in the size, shape and tenor of the gold in soil anomalies *(Figure 22).* The author has shown the data from the Coffee deposit for comparison only and it is not necessarily indicative of the mineralization on the Rude Creek Gold Project which is the subject of this report, and does not suggest that similar results will be obtained on the Rude Creek Gold Project.

Similarities in the soil anomalies include the presence of multiple, long, linear >30 ppb Au soil anomalies. Many are >300m long and some reach 800m long in the Northeast zone at Rude Creek, limited by the extent of the grid. The Trombley grid is, and some of the drill holes were, oriented parallel to the gold bearing structures intersected in the drilling. The Kona zone at Coffee and the Rude Creek Gold Project are both underlain by phases of the Whitehorse plutonic suite, which provide good competent host rocks. This allows for the development of persistent, continuous structures. Dacite to rhyodacite dykes occur on both properties and an association of increased gold grade proximal to the dykes was noted in trenches and drill holes at the Coffee deposit. However, the mineralization at Coffee has been dated at 97-92 Ma, just slightly younger than the 99.5 Ma date on the Coffee Creek pluton part of the Dawson Range batholith. The dykes appear to be younger, probably following the same structures that are related to the mineralization. Therefore, mapping the dykes may be useful in delineating the controlling structures.

The orientation of mineralization related to the gold soil anomaly at the Supremo zone of the Coffee deposit was difficult to determine and trenches were originally excavated parallel to the structural trends. A cross trench at T3, aerial lineaments, detailed soil sampling, and detailed prospecting were useful in providing a more accurate understanding of the underlying source and structural orientations. Consequently structural analysis, geophysical interpretation and detailed soil sampling are initially recommended prior to further drilling as discussed in the following section, “Recommendations”.

The Rude Creek Gold Project is at an early stage of exploration, and as such considered a high risk. The above interpretations and the following recommendations for work are based on the results of geochemical and geophysical surveys, which are subject to a wide range of interpretation, with limited percussion drilling. There are no specific risks that the author foresees that would impact continued exploration and development of the property. Although the author believes the surveys on the property are scientifically valid, evaluating the geological controls on mineralization is hampered by a lack of rock exposure. At the present time and for the foreseeable future, the project is not generating any cash flow.

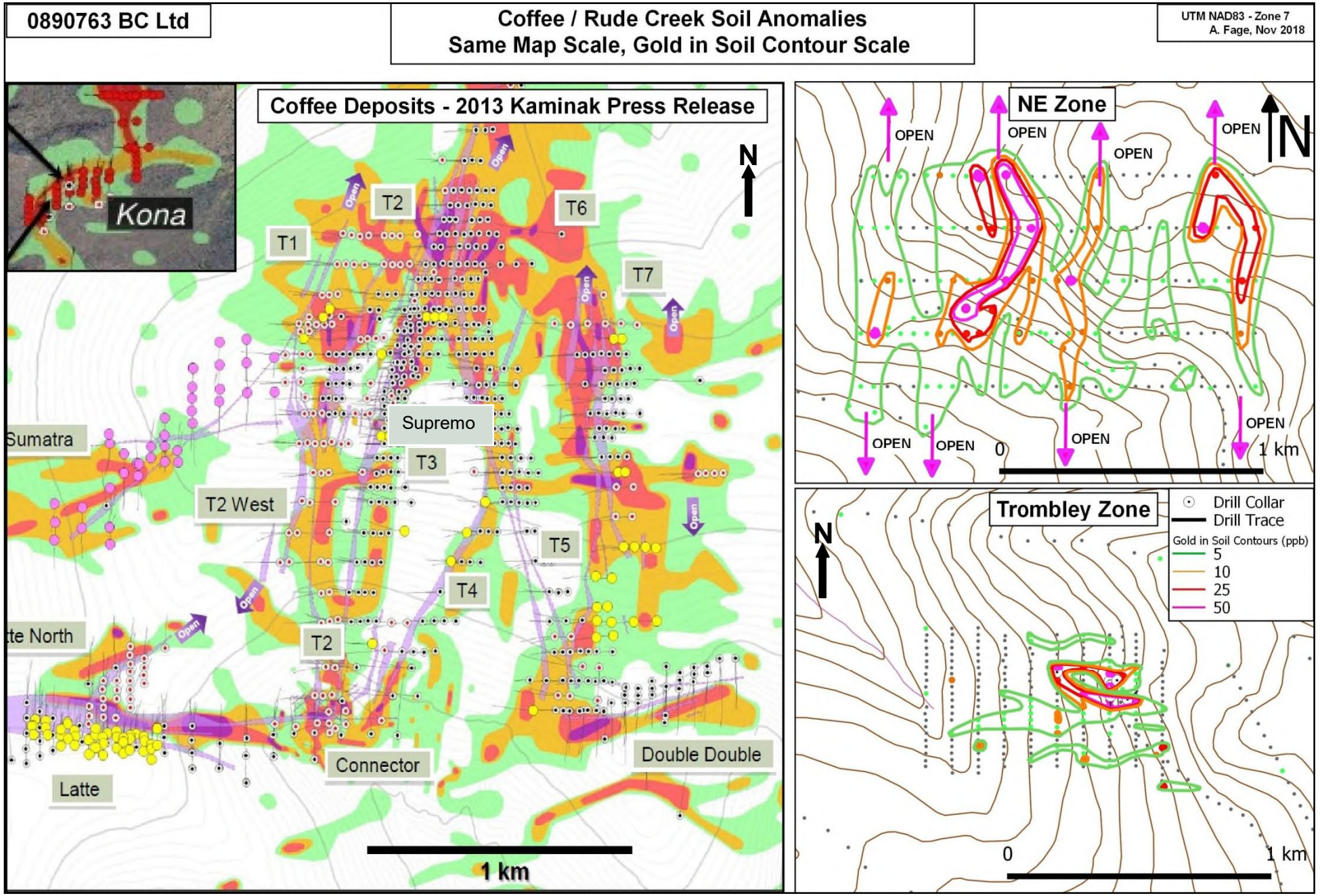


Figure 22: Comparison of Soils at Coffee and Rude Creek

26.0 RECOMMENDATIONS AND BUDGET

Based on: favourable geological setting (Dawson Range gold district); competent host rocks (Dawson Range batholith); structural complexity (evident within the airborne magnetic data, resistivity/induced polarization data and presence of linear younger dykes); significant gold soil anomalies with associated bismuth, ±tellurium, and peripheral arsenic, silver, ±antimony and lead; significant initial drill intercepts on the Northeast and Trombley zones despite limited drilling; and similarities and proximity to Newmont Goldcorp's Coffee deposit and other significant gold discoveries within the Dawson Range and White gold districts, further work is recommended on the Rude Creek Gold Project.

A two phase exploration program is recommended with Phase 1 consisting of: additional grid soil sampling in the Northeast and Trombley areas; and detailed mapping, prospecting and structural analysis including a detailed integration and interpretation of the airborne geophysical data.

Sample density on the Northeast soil grid is only at 50m stations along 200m spaced lines. Infill east-west trending lines at a 100m spacing is initially recommended with 25m sample stations and extension of the grid to the north, west, east and somewhat to the south to delineate the extent, and better constrain the orientation, of the gold soil anomalies. Additional grid soil sampling is also recommended on the Trombley soil grid. Infill sampling is recommended along 7 infill lines in the eastern grid area and can continue along north trending lines with a 50m sample spacing. Additional east-west lines are recommended to the north (2 lines) and south (1 line) at a 25m sample spacing on lines 100m apart.

Detailed mapping and prospecting is recommended across the property with emphasis on the two grids and a structural and airborne geophysical analysis.

An initial Phase 2 drill program, contingent on results from Phase 1, is recommended with 1,000m of RC drilling in about 5 to 6 holes with a helicopter supported rig to test the gold mineralization intersected in the RAB and RC drilling on the Trombley zone and the multiple northerly trending gold in soil anomalies and significant gold mineralization intersected in the initial RC drilling on the Northeast zone, and/or additional soil anomalies generated in Phase 1.

26.1 Budget

Based on the above recommendations, the following two phase exploration program with corresponding budget is proposed. Phase 2 is entirely contingent on results from Phase 1.

Phase 1

• soil grids (1000 samples - labour, assays, incl. QAQC)	$ 65,000
• detailed mapping, prospecting, structural analysis, assays	15,000
• camp, accommodation, food, communication	10,000
• helicopter	12,000
• preparation, compilation, report and drafting	5,000
• communication, supplies, travel & expediting	3,000
• contingency	10,000
TOTAL:	**$120,000**

Phase 2 (contingent on results from Phase 1)

• RC drilling (1000m in 5-6 holes, all in)	$200,000
• logging, sampling, supervision	5,000
• assays (600 Au, ICP @35/each)	21,000
• camp, accommodation, food, communication	10,000
• helicopter	15,000
• preparation, compilation, report and drafting	5,000
• communication, supplies, travel & expediting	4,000
• contingency	15,000
TOTAL:	**$275,000**

SIGNATURE PAGE

Respectfully submitted,

Effective Date: November 12, 2019

"Jean Pautler"

Signing Date: November 12, 2019

Jean Pautler, P.Geo.

27.0 REFERENCES

Aeroquest Airborne, 2011. Report on a helicopter-borne magnetic and radiometric survey. Prepared by Aeroquest Airborne for Silver Quest Resources Ltd. *In:* Congdon, 2011.

Allan, M.M. and Friend, M., 2018. Bedrock geological map of the Mount Freegold district, Dawson Range (NTS 115I/6 and parts of 115I/2,3,5,7,10,11,12). Yukon Geological Survey, Open File 2018-2, scale 1:50 000.

Allan, M.M., Mortensen, J.K., Hart, C.J., Bailey, L., Sanchez, M., Ciolkiewicz, W., MacKenzie D., and Creaser, R.A., 2013. Magmatic and metallogenic framework of west-central Yukon and eastern Alaska. In Society of Economic Geologists, Inc. Special Publication 17, pp. 111–168.

Allan, M.M., Mortensen, J.K., Hart, C.J., Chapman, R.J., Wrighton, T.M., and Rusk, B., 2012. The nature and timing of mineralization at the Revenue and Nucleus deposits, Freegold Mountain area, Yukon. *In:* Allan, M.M., Hart C.J., and Mortensen, J.K. (eds) Yukon Gold Project: Final Technical Report. Mineral Deposit Research Unit, pp. 55 - 78.

Andersen, Farrell J., 2011. 2010 geochemical exploration on the POKER property. Prepared for Silver Quest Resources Ltd. by Boomerang Exploration Ltd. Yukon assessment report #095313.

Arscott, D., 1986. 1985 program Koe claims. Prepared for Kerr Addison Mines Ltd. Yukon assessment report #091725.

Arseneau, Gilles, 2018. Independent Mineral Resource Estimate for the White Gold Project, Dawson Range, Yukon, Canada. Prepared for White Gold Corp. by Arseneau Consulting Services Inc.

Bennett, V., Schulze, C., Ouellette, D. and Pollries, B., 2010. Deconstructing complex Au-Ag-Cu mineralization, Sonora Gulch project, Dawson Range: A Late Cretaceous evolution to the epithermal environment. In: Yukon Exploration and Geology 2009, K.E. MacFarlane, L.H. Weston and L.R. Blackburn (eds.), Yukon Geological Survey, p. 23-45.

Bond, J.D. and Lipovsky, P.S., 2012. Surficial geology of Colorado Creek (115J/10), Yukon (1:50 000 scale). Yukon Geological Survey, Energy, Mines and Resources, Government of Yukon, Open File 2012-2.

Cairnes, D.D., 1917. Summary report of the Geological Survey Department of Mines - 1916, pp. 30-33.

Campbell, J., Armitage, A. and Barnes, W., 2009. Technical report on the Nucleus property, Freegold Mountain Project, including an updated mineral resource estimate. Northern Freegold Resources (available at www.sedar.com).

Carnes, R.C., 1987. Report on geochemical survey Mt. Cockfield property, Mt. Cockfield, Y.T. Report for Nordac Mining Corporation. Yukon assessment report #091924.

Cockfield, W.E., 1928. Silver-lead deposits of Rude Creek, Yukon. *In:* Geological Survey of Canada Summary Report -1927, pp. 11A-13A.

Colpron, M., Israel, S., Murphy, D.C., Pigage, L.C. and Moynihan, D., 2016. Yukon Bedrock Geology Map 2016. Yukon Geological Survey, Open File 2016-1, scale 1:1 000 000.

Colpron, M. and Nelson, J. L. 2011. A digital atlas of terranes for the Northern Cordillera. Yukon Geological Survey and British Columbia Geology Survey, BCGS GeoFile 2011-11 http://www.geology.gov.yk.ca/pdf/CanCord_terranes_2011.pdf.

Congdon, R., 2011. Assessment report on the 2011 airborne geophysical survey on the Rude Creek Project, Yukon. Report for Silver Quest Resources Ltd. Yukon assessment report #095465.

Cote, C., 2015c. Geochemical assessment report: rotary air blast (RAB) drill & soil sample program Rude Creek gold project. Report for 0890763 BC Ltd by GroundTruth Exploration Inc. Yukon assessment report #096792.

2015b. Geochemical assessment report: rotary air blast (RAB) drill & soil sample program Rude Creek gold project. Prepared for 0890763 BC Ltd. by GroundTruth Exploration Inc. Yukon Mineral Exploration Program, YEIP 2015-098.

2015a. Geophysical and geochemical YMEP summary report: high resolution resistivity/induced polarization survey & soil sample program. Prepared for 0890763 BC Ltd. by GroundTruth Exploration Inc. Yukon Mineral Exploration Program, YEIP 2014-100.

Deklerk, R., 2009. The MINFILE Manual. Yukon Geological Survey, CD-ROM.

Deklerk, R. and Traynor, S. (compilers), 2005. Yukon MINFILE 2005 - A database of mineral occurrences. Yukon Geological Survey.

Doherty, R.A., 1992. Geological and geochemical assessment report on the Battle Mountain property. Report prepared for Walhala Exploration Ltd. Assessment Report #093064.

Dolan, W.M., and Costin, C.P., 1970. Geophysical & geochemical reports on the Co Claim Group. Report prepared for Newmont Mining Corp. of Canada Ltd. Yukon assessment report #060215.

Fage, A., 2018b. Geochemical assessment report: reverse circulation (RC) drill survey, on the Rude Creek Gold Project. Report prepared for 0890763 BC Ltd. by GroundTruth Exploration Inc. Yukon assessment report #097194.

2018a. Geochemical assessment report: reverse circulation (RC) drill survey, on the Rude Creek Gold Project. Report prepared for 0890763 BC Ltd. by GroundTruth Exploration Inc. Yukon assessment report #097059.

2017. Geochemical & airborne survey assessment report: rotary air blast (RAB) drill, soil sampling & XCAM fixed wing aerial survey, Rude Creek Gold Project. Report prepared for 0890763 BC Ltd. by GroundTruth Exploration Inc. Yukon assessment report #096956.

Geological Survey of Canada, 1986. Regional Geochemical Reconnaissance, southwest Yukon (NTS 115J and 115K E1/2). Geological Survey of Canada Open File 1363, Map 99-1986, scale 1:250,000.

1965-68. Airborne magnetic survey, Snag, Yukon Territory (Sheet 115J, 115K E1/2), Geological Survey of Canada, Aeromagnetic Series Map 7840 G, scale 1:253,440.

Government of Yukon, 2018. Yukon Geological Survey's Integrated Data System (YGSIDS). Available at website http://data.geology.gov.yk.ca/.

1999. Yukon Official Road Map. Tourism Yukon, Whitehorse, Yukon Territory.

Hayward, N., Miles, W. and Oneschuk, D., 2012. Geophysical Series, detailed geophysical compilation project, Yukon Plateau, Yukon, NTS 115-I, J, K, N, O, P and 116A and B. Geological Survey of Canada, Open File 7279, 2 sheets, https://doi.org/10.4095/292097.

INAC, 1972. Mineral Industry Report 1969 - 70, D.B. Craig and P. Laporte, (eds). Indian Affairs and Northern Development, Northern Economic Development Branch, pp 61-63.

Jaworski, Bart J. and Meyer, B., 2000. Geological and geochemical report on the Rude Creek intrusion related gold target, west central Yukon Territory. Prospector International Resources Inc. Yukon assessment report #094062.

Jaworski, Bart J. and Vanwermeskerken, M., 2001. Geological and geochemical report on the Rude Creek intrusion related gold target, west central Yukon Territory. Prospector International Resources Inc. Yukon assessment report #094213.

Johnston, S., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, Central Yukon (115J/9 & 10,115I/12). Indian and Northern Affairs Canada /Department of Indian and Northern Development: Exploration & Geological Services Division, Open File 1995-2(G).

Johnston, S.T. and Shives, R.B.K., 1995. Interpretation of an airborne multiparameter geophysical survey of the northern Dawson Range, central Yukon: A progress report. *In:* Yukon Exploration and Geology, 1994. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 105-111.

Kreft, B., 1994. Placer mining and exploration compilation (NTS 1151 and 115J, K). Indian and Northern Affairs Canada /Department of Indian and Northern Development: Exploration & Geological Services Division, Open File 1994-9(G).

LeBarge, W.P., l996. Placer deposits of the Yukon: overview and potential for new discoveries. *In:* LeBarge W.P. (ed.) 1996. Yukon Quaternary Geology Volume 1, Exploration and Geological Services Division, Northern Affairs Program, Yukon Region, p. 1-12.

Makarenko, M., Pilotto, D., Klingmann, S., Doerksen, G., Levy, M., Sim, R., and Lightner, F., 2014. Preliminary economic assessment technical report, Coffee Project, Yukon Territory, Canada. Report prepared for Kaminak Gold Corporation by JDS Energy and Mining Inc.

Moul, F., 2011. Battle geophysics interpretation. Unpublished internal memo for Silver Quest Resources Ltd. Not found by author.

Newmont Goldcorp Inc., 2018. Website at https://www.newmontgoldcorp.com/.

Pautler, J.M., 2019. Technical report on the Rude Creek Gold Project, Dawson Range gold district, Yukon Territory. Report for Michelin Mining Corp. Available at www.sedar.com.

2011. Technical report on the Wolf and Betty properties, Dawson Range, Yukon Territory. Report for Ethos Capital Corp. Available at www.sedar.com.

Payne, J.G. Gonzalez, R.A., Akhurst, K. and Sisson, W.G., 1987. Geology of Colorado Creek (115J/10), Selwyn River (NTS 115I J/9) and Prospector Mountain (115I/5) map areas, western Dawson Range, west-central Yukon; Geological Survey of Canada, Open File 1987-3.

Ryan, S., 2008. Geochemical report, Royal 1-12 claims. Yukon assessment report #095042.

Ryan, J.J., Zagorevski, A., Williams, S.P., Roots, C., Ciolkiewicz, W., Hayward, N., and Chapman, J.B., 2013b. Geology, Stevenson Ridge (northwest part), Yukon. Geological Survey of Canada, Canadian Geoscience Map 117 (2nd edition, preliminary), scale 1:100 000. doi:10.4095/292408.

2013a. Geology, Stevenson Ridge (northeast part), Yukon. Geological Survey of Canada, Canadian Geoscience Map 116 (2nd edition, preliminary), scale 1:100 000. doi:10.4095/292407.

Shives, R.B.K. and Carson, J.M., 1994. Airborne geophysical survey, Selwyn River, east (NTS 115I/12 and 115J/9) and west (NTS 115I and 115J/10, 11, 14 and 15), Yukon Territory. Geological Survey of Canada, Open File 2816, 119 p.

Sim, R. and Kappes, D., 2014. Mineral Resource evaluation, Coffee Gold Project, Yukon Territory, Canada; report prepared for Kaminak Gold Corporation by SIM Geological Inc. and Kappes, Cassiday & Associates.

Tallman, P., 2012. Geochemical report Rude Creek Project, White Gold district Yukon Territory, Canada. Report for Ethos Gold Corp. Yukon assessment report #096156.

Taylor, C.D.N., 1966. Engineering report on the mining property near Casino Creek, Yukon. Report for Nordex Exploration Ltd. Yukon assessment report #17450.

Tempelman-Kluit, D. J., 1974. Reconnaissance geology of the Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon Territory. Geological Survey of Canada, Paper 73-14, 93 p.

Trowsdale, G., 1970. Stream sediment sampling report on Nickel Hill - Pathfinder Group Dawson Range, Yukon Territory. Yukon assessment report #06225.

Wagner, D., 1996. Battle Creek area, Yukon. Report for Cominco Limited, Yukon Assessment Report #093401.

Waugh, D. H., 1970. Geochemical report on the Vic claim group - Dawson Range area. Report for Great Horn Mining Syndicate Inc. by International Mine Services Ltd.

Weiershäuser, L., Nowak, M., Barnett, W., 2010. White Gold Property, Dawson Range, Yukon, Canada. Prepared for Underworld Resources Ltd. by SRK Consulting (Canada) Inc. and reviewed by Gilles Arseneau. Available at www.sedar.com.

Yukon Geological Survey, 2018. Yukon Digital Bedrock Geology. Website at http://www.geology.gov.yk.ca/update_yukon_bedrock_geology_map.html.

CERTIFICATE, DATE AND SIGNATURE

1) I, Jean Marie Pautler of 103-108 Elliott Street, Whitehorse, Yukon Territory am self-employed as a consultant geologist, authored and am responsible for all sections of this report entitled “Drilling assessment report on the Rude Creek Gold Project, Dawson Range gold district, Yukon Territory”, dated November 12, 2019.
2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980) with over 35 years mineral exploration experience in the North American Cordillera. Pertinent experience includes the acquisition and delineation of the Tsacha epithermal gold deposit, British Columbia for Teck Exploration Ltd. and exploration and property examinations for Teck Exploration Ltd. in 1993 and 1998 to 2000, and with Kerr Addison Mines from 1983 to 1988 within the Dawson Range, White Gold and Klondike Gold districts of the Yukon. I have recent previous independent experience and knowledge of the area having conducted exploration, including property examinations, within the Dawson Range gold-copper belt between 2005 and 2019. I have examined the Coffee, Golden Saddle, Casino, Revenue-Nucleus and Klaza deposits, the Mount Nansen mine and the Mt. Cockfield, Sonora Gulch, Mariposa and Vertigo occurrences.
3) I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 19804.
4) I have visited the subject mining property of this report and am a “Qualified Person” in the context of and have read and understand National Instrument 43-101 and the Companion Policy to NI 43-101. This report was not prepared in compliance with NI 43-101.
5) This report is based on a review of pertinent data, a site visit by the author on June 9, 2019, near the end of the RC drill program, and subsequent logging of the RC chips. A previous site visit was completed by the author on January 17, 2019. I have no prior experience working on the Rude Creek Gold Project.
6) At the effective date of the technical report, to the best of my knowledge, information, and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.
7) I am entirely independent, as defined in section 1.5 of National Instrument 43-101, of 0890763 BC Ltd., Michelin Mining Corp., and the Rude Creek Gold property.

Dated at Carcross, Yukon Territory this 12th day of November, 2019,

“Signed and Sealed”

“Jean Pautler”

Jean Pautler, P.Geo. (APEGBC Reg. No. 19804)
JP Exploration Services Inc.
#103-108 Elliott St. Whitehorse, Yukon Y1A 6C4

Appendix I

Statement of Expenditures 2019

Geologist:	JP Exploration Services Inc., YT				
	June 9, 21-24	site visit, log chips	Inv 555	1,890.00	
	Nov 9-13	preparation & report	in prep	2,500.00	
				Total	**$4,390.00**
RC Drilling:	Midnight Sun Drilling Inc., Whitehorse, YT				
	June 4 - 11, 2019 – 3 man crew				
	includes camp, mob/demob				
	May 27	Invoice 10221		43,749.99	
	June 10	Invoice 10225		43,749.99	
	June 11	Invoice 10226		43,750.01	
				Total	**131,249.99**
Geochemistry:	Bureau Veritas Laboratories Ltd., Vancouver, BC				
	433 rock samples for Au, ICP				
	July 16	133 samples	VANI336138	3,518.52	
	July 16	71 samples	VANI336139	6,594.14	
				Total:	**10,112.66**
Fixed Wing:	Great River Air, Dawson City, YT				
	June 9	Thistle to Casino & return			**552.83**
TOTAL:					**$146,305.48**

Appendix II

Drill Logs

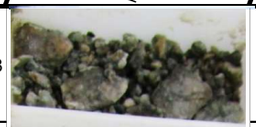
RUDE CREEK PROJECT HOLE_ID: ROYRC19-09 CO-ORDS:625613E, 6953243N Az:081 dip -60 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
0	3	0.00	0.91																		No Recovery	-	-
3	8	0.91	2.44		W811302	Granodiorite, qfp	orange brown, red	moderate	limonite	10					pyrite	1	dissem	sericite	selective	weak	medium grained, equigranular granodiorite (wth 5-7% hornblende, biotite,) and 15% fine grained monzonite with fine hbl- probable qfp since seen at drill pad) with orange limonite fracture fillings, 1% oxidized cubic pyrite, nonmagnetic, weak quartz-sericite alteration, granodiorite is trace magnetic	W811302	
8	13	2.44	3.96		W811303	Granodiorite, qfp	orange brown	moderate	limonite, goethite	10					pyrite	3	dissem	sericite	selective	moderate	granodiorite and 15% qfp as above with strong limonite fracture fillings and 3% oxidized cubic pyrite, moderate quartz-sericite alteration, minor pyrite in granodiorite, trace magnetic; , trace calcareous	W811303	0.04
13	16	3.96	4.88		W811304	Granodiorite	grey-green	weak	limonite	3					pyrite	3	dissem	chlorite	selective	moderate	granodiorite as above with 3% disseminated and blebby pyrite (primarily replacing mafics), chlorite replacing mafics and as fracture fillings; trace calcareous	W811304	0.04
16	21	4.88	6.40		W811305	Granodiorite	grey-green	weak	limonite	2					pyrite	1	dissem	chlorite	selective	moderate	granodiorite with 1% disseminated pyrite, chlorite, trace magnetic and calcareous; weak sericite	W811305	0.16
21	26	6.40	7.92		W811306	Granodiorite	grey-green	trace	limonite	1					pyrite	2	dissem	chlorite	selective	moderate	granodiorite with 2% disseminated pyrite, chlorite; trace magnetic and calcareous;	W811306	0.54
26	31	7.92	9.45		W811307	Granodiorite	grey-green	trace	limonite	1					pyrite	1	dissem	chlorite	selective	strong	granodiorite with 1% disseminated pyrite, chlorite, trace magnetic and calcareous	W811307	0.11
31	36	9.45	10.97		W811308	Granodiorite	grey-green	weak	limonite	2					pyrite	2	dissem	chlorite	selective	strong	granodiorite with 2% disseminated pyrite, chlorite, epidote fracture fillings trace magnetic and calcareous	W811308	0.03
36	41	10.97	12.50		W811309	Granodiorite	grey-green	none		0					pyrite	2	dissem	chlorite	selective	moderate	granodiorite with 2% disseminated pyrite, chlorite, epidote fracture fillings,trace magnetic and calcareous	W811309	0.02
41	46	12.50	14.02		W811310	Granodiorite	grey-green	none		0					pyrite	2	dissem	chlorite	selective	moderate	granodiorite with 2% disseminated pyrite, chlorite, epidote fracture fillings, trace magnetic and calcareous	W811310	0.04

RUDE CREEK PROJECT HOLE_ID: ROYRC19-09 CO-ORDS:625613E, 6953243N Az:081 dip -60 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
46	51	14.02	15.54		W811311	Grano diorite	grey-green	trace	limonite	1					pyrite	1	dissem	chlorite	selective	moderate	granodiorite with 1% disseminated pyrite, chlorite, trace magnetic and calcareous	W811311	0.06
51	56	15.54	17.07		W811312	Grano diorite	grey-green	weak	limonite, goetite	4					pyrite	1	dissem	chlorite	selective	moderate	granodiorite with 1% disseminated pyrite, chlorite, minor limonite, some goethite fracture fillings, trace magnetic and calcareous	W811312	0.03
56	61	17.07	18.59		W811313	Grano diorite	orange brown	moderate	limonite, hematite	10					pyrite	1	dissem	chlorite	selective	weak	granodiorite with 1% disseminated pyrite, chlorite replacing mafics, moderate limonite, some hematite fracture fillings, trace magnetic and calcareous	W811313	0.06
61	66	18.59	20.12		W811314	Grano diorite	grey	weak	limonite	5					pyrite	1	dissem	chlorite	selective	weak	granodiorite with 1% disseminated pyrite, some oxidized cubic pyrite, less chlorite, weak limonite fracture fillings, trace magnetic and calcareous	W811314	0.02
66	71	20.12	21.64		W811315	Grano diorite	grey-green	none		0								chlorite	selective	moderate	granodiorite with chlorite, weak epidote fracture fillings, trace magnetic and calcareous	W811315	0.01
71	76	21.64	23.16		W811316	Grano diorite	grey-green	none		0								chlorite	selective	moderate	granodiorite with chlorite replacing mafics and fracture fillings, less epidote fracture fillings, weak magnetic and trace calcareous;	W811316	0.01
76	81	23.16	24.69		W811317	Grano diorite	grey-green	trace	limonite	0.2					pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote fracture fillings, 1% pyrite aggregates, trace magnetic and calcareous	W811317	0.06
81	86	24.69	26.21		W811318	Grano diorite	grey-green	trace	limonite	1								chlorite	selective	weak	granodiorite with chlorite, trace limonite fracture fillings, trace magnetic and calcareous	W811318	0.06
86	91	26.21	27.74		W811319	Grano diorite	grey-green	trace	limonite	0.2								chlorite	selective	moderate	granodiorite with chlorite replacing mafics & fracture fillings, trace limonite fracture fillings, trace magnetic and calcareous	W811319	0.01
91	96	27.74	29.26		W811320	Grano diorite	grey-green	trace	limonite	0.2					pyrite	2	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak limonite fracture fillings, 2% fine disseminated pyrite, trace magnetic and calcareous	W811320	0.01

RUDE CREEK PROJECT HOLE_ID: ROYRC19-09 CO-ORDS:625613E, 6953243N Az:081 dip -60 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
96	101	29.26	30.78		W811321	Grano diorite	grey-green	trace	limonite	1					pyrite	0.5	dissem	chlorite	selective	moderate	granodiorite with chlorite, minor epidote, trace limonite fracture fillings, trace blebby cubic pyrite, trace calcareous	W811321	0.02
101	106	30.78	32.31		W811322	Grano diorite	grey-green	weak	limonite	1					pyrite	0.2	dissem	chlorite	selective	weak	granodiorite with weak chlorite, very minor epidote, trace limonite fracture fillings, trace fine disseminated pyrite, trace calcareous	W811322	0.04
106	111	32.31	33.83		W811323	Grano diorite	grey-green	weak	limonite	2					pyrite	0.2	dissem	chlorite	selective	weak	granodiorite with minor chlorite and epidote, weak limonite fracture fillings, trace disseminated cubic pyrite, trace calcareous	W811323	0.03
111	116	33.83	35.36		W811324	Grano diorite	grey-green	weak	limonite	2					pyrite	0.2	dissem	chlorite	selective	moderate-weak	granodiorite with chlorite, less epidote, weak limonite fracture fillings,trace fine disseminated pyrite, trace magnetic and calcareous	W811324	0.05
116	121	35.36	36.88		W811325	Grano diorite	grey-green	weak	limonite	2					pyrite	0.5	dissem	chlorite	selective	moderate-weak	granodiorite with chlorite, weak limonite fracture fillings, 0.5% fine disseminated cubic pyrite, trace magnetic and calcareous	W811325	0.03
121	126	36.88	38.40		W811326	Grano diorite	weak orange-grey	weak	limonite	3					pyrite	0.3	dissem	chlorite	selective	weak	granodiorite with less chlorite, epidote; weak limonite fracture fillings, cubic fine disseminated pyrite, trace magnetic and calcareous	W811326	0.03
126	131	38.40	39.93		W811327	Grano diorite	weak orange-grey	weak	limonite	2					pyrite	0.5	dissem	chlorite	selective	weak	granodiorite with chlorite, weak limonite fracture fillings, 2% fine disseminated pyrite, trace magnetic and calcareous	W811327	0.04
131	136	39.93	41.45		W811328	Grano diorite	weak orange-grey	moderate	limonite	10					pyrite	1	dissem	chlorite	selective	weak	granodiorite with less chlorite, more limonite fracture fillings,1% fine disseminated and blebby cubic pyrite; trace magnetic and calcareous	W811328	0.06
136	141	41.45	42.98		W811329	Grano diorite	orange-brown	weak	limonite	5					pyrite	1	dissem	chlorite	selective	weak-moderate	granodiorite with chlorite, weak epidote, weak limonite fracture fillings, 1% fine disseminated pyrite, trace magnetic and calcareous	W811329	0.11
141	146	42.98	44.50		W811330	Grano diorite	orange-brown	weak	limonite	3					pyrite	0.2	dissem	chlorite clay	selective	weak weak	granodiorite with weak clay alteration (of feldspar) - start of possible fault zone at 145' , weak chlorite replacing mafics, weak limonite fracture fillings, trace fine disseminated pyrite, nonmagnetic, trace calcareous	W811330	0.63

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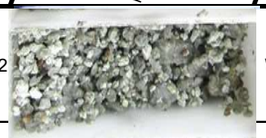
FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
146	151	44.50	46.02		W811331	Grano diorite	white-grey	trace	limonite	1					pyrite	7	dissem	clay	selective	strong	granodiorite with strong clay altered feldspar - possible fault zone (probable NE trending fault, from 145-155', thought to disrupt NE zone anomalies, trace limonite fracture fillings, 7% fine disseminated to blebby & cubic pyrite, nonmagnetic, trace calcareous; possible tourmaline & quartz-carbonate veinlets	W811331	3.26
151	156	46.02	47.55		W811332	Grano diorite	white-grey	weak	limonite	2					pyrite	3	dissem	chlorite clay	selective	weak moderate	granodiorite with moderate clay alteration of feldspar - possible fault zone, weak chlorite, weak limonite fracture fillings, 3% fine disseminated pyrite, trace magnetic and calcareous; possible tourmaline & quartz-carbonate veinlets	W811332	4.25
156	161	47.55	49.07		W811333	Grano diorite	grey	weak trace	limonite hematite	3					pyrite	1	dissem	epidote	selective	weak moderate	granodiorite with weak chlorite and weak-moderate epidote replacing mafics, weak limonite & trace hematite as fracture fillings, 1% fine disseminated pyrite, weakly magnetic, trace calcareous	W811333	0.11
161	166	49.07	50.60		W811334	Grano diorite	grey	trace	limonite	1					pyrite	2	dissem	chlorite	selective	weak	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 2% fine disseminated pyrite, weakly magnetic, trace calcareous	W811334	0.17
166	171	50.60	52.12		W811335	Grano diorite	grey	weak	limonite	2					pyrite	1	dissem	chlorite	selective	weak	granodiorite with chlorite, weak limonite fracture fillings, 1% fine disseminated pyrite, weakly magnetic, trace calcareous	W811335	0.06
171	176	52.12	53.64		W811336	Grano diorite	grey	trace	limonite	1					pyrite	1	dissem	chlorite	selective	weak	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 1% fine disseminated pyrite, weakly magnetic, trace calcareous	W811336	0.03
176	181	53.64	55.17		W811337	Grano diorite	grey	trace	limonite	0.5					pyrite	0.5	dissem	chlorite	selective	weak	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, trace fine disseminated pyrite, weakly magnetic and calcareous	W811337	0.05
181	186	55.17	56.69		W811338	Grano diorite	grey	trace	limonite	0.5					pyrite	0.1	dissem	chlorite	selective	weak	granodiorite with chlorite, trace epidote, weak limonite fracture fillings, trace fine disseminated pyrite, trace magnetic	W811338	0.04
186	191	56.69	58.22		W811339	Grano diorite	grey	trace	limonite	0.5					pyrite	2	dissem	chlorite	selective	weak	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 2% fine disseminated pyrite, weakly magnetic	W811339	0.05
191	196	58.22	59.74		W811340	Grano diorite	grey	trace	limonite	0.5					pyrite	1.5	dissem	chlorite	selective	weak	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 1.5% disseminated pyrite, weakly magnetic	W811340	0.03

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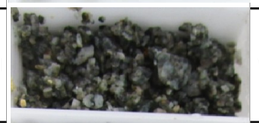
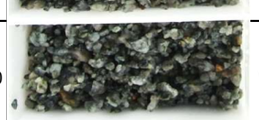
FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
196	201	59.74	61.26		W811341	Granodiorite	grey-green	weak	limonite	3					pyrite	3	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, weak limonite fracture fillings, 3% disseminated pyrite, nonmagnetic, trace calcareous	W811341	0.09
201	206	61.26	62.79		W811342	Granodiorite	grey-green	trace	limonite	1					pyrite	2	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 2% disseminated pyrite, trace magnetic, trace calcareous	W811342	0.04
206	211	62.79	64.31		W811343	Granodiorite	grey	trace	limonite	1					pyrite	2	dissem	chlorite	selective	weak-moderate	granodiorite with chlorite, less epidote, trace limonite fracture fillings,	W811343	0.02
211	216	64.31	65.84		W811344	Granodiorite	weak orange-grey	weak	limonite	5					pyrite	1	dissem	chlorite	selective	weak	granodiorite with chlorite, very weak epidote, trace limonite fracture fillings, 1% disseminated pyrite, trace magnetic, trace calcareous	W811344	0.02
216	221	65.84	67.36		W811345	Granodiorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, very weak epidote, trace limonite fracture fillings, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811345	0.03
221	226	67.36	68.88		W811346	Granodiorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811346	<0.005
226	231	68.88	70.41		W811347	Granodiorite	grey-green	trace	limonite	1					pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811347	0.01
231	236	70.41	71.93		W811348	Granodiorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811348	0.01
236	241	71.93	73.46		W811349	Granodiorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811349	0.04
241	246	73.46	74.98		W811350	Granodiorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, very weak epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811350	0.05

RUDE CREEK PROJECT HOLE_ID: ROYRC19-09 CO-ORDS:625613E, 6953243N Az:081 dip -60 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
246	251	74.98	76.50		W811351	Grano diorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811351	0.01
251	256	76.50	78.03		W811352	Grano diorite	grey-green	none							pyrite	3	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, 3% disseminated pyrite, moderate magnetic, trace calcareous	W811352	0.06
256	261	78.03	79.55		W811353	Grano diorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811353	0.01
261	266	79.55	81.08		W811354	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, trace disseminated pyrite, moderate magnetic, trace calcareous	W811354	0.01
266	271	81.08	82.60		W811355	Grano diorite	grey-green	none							pyrite	1	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, 1% disseminated pyrite, moderate magnetic, trace calcareous	W811355	0.01
271	276	82.60	84.12		W811356	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite	selective	moderate	granodiorite with chlorite, very weak epidote, trace disseminated pyrite, moderate magnetic, trace calcareous	W811356	0.01
276	281	84.12	85.65		W811357	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite	selective	weak	granodiorite with chlorite, trace disseminated pyrite, moderate magnetic, trace calcareous	W811357	0.02
281	286	85.65	87.17		W811358	Grano diorite	grey-green	trace	limonite	1					pyrite	0.5	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote, trace limonite fracture fillings, trace disseminated pyrite, weakly magnetic, trace calcareous	W811358	0.02
286	291	87.17	88.70		W811359	Grano diorite	grey-green	trace	limonite	1					pyrite	0.2	dissem	chlorite	selective	moderate	granodiorite with chlorite, weak epidote, trace limonite fracture fillings, trace disseminated pyrite, trace magnetic, trace calcareous	W811359	0.02
291	296	88.70	90.22		W811360	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite	selective	moderate	granodiorite with chlorite, trace epidote,trace disseminated pyrite, weakly magnetic, trace calcareous	W811360	0.01

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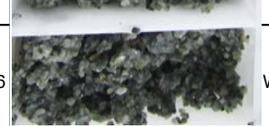
FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
296	301	90.22	91.74		W811361	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite	selective	weak-mode	granodiorite with chlorite & weak epidote replacing mafics, trace disseminated pyrite, nonmagnetic, trace calcareous,	W811361	0.03
301	306	91.74	93.27		W811362	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.2		chlorite	selective	moderate	granodiorite with chlorite & weak epidote replacing mafics, trace limonite fracture fillings, trace disseminated pyrite, trace magnetic, trace calcareous	W811362	0.04
306	311	93.27	94.79		W811363	Grano diorite	grey-green	none							pyrite	0.2	dissem	epidote	selective	weak	granodiorite with weak epidote replacing mafics, trace disseminated pyrite, weakly magnetic, trace calcareous	W811363	0.02
311	316	94.79	96.32		W811364	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite	selective	moderate	granodiorite with chlorite & weak epidote replacing mafics, trace disseminated pyrite, trace magnetic, trace calcareous	W811364	0.09
316	321	96.32	97.84		W811365	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite	selective	moderate	granodiorite with chlorite & weak epidote replacing mafics, trace disseminated pyrite, weakly magnetic, trace calcareous	W811365	0.09
321	326	97.84	99.36		W811366	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite	selective	moderate	granodiorite with chlorite & weak epidote replacing mafics, trace disseminated pyrite, weakly magnetic, trace calcareous	W811366	0.06

RUDE CREEK PROJECT HOLE_ID: ROYRC19-10 CO-ORDS:625612E, 6953243N Az:261 dip -70 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
0	4	0.00	1.22			Over-burden															No Recovery		- -
4	9	1.22	2.74		W811368	QFP, Grano diorite	orange-brown	moderate trace	limonite, goethite	10 0.2					pyrite	0.2		chlorite	selective	trace	50% fine grained monzonite with minor fine hbl-probable qfp, limonite fracture fillings; some goethite knots, trace pyrite; 50% medium grained, equigranular granodiorite with variable hbl, biotite; mafics variably partly replaced by chlorite and	W811368	0.022
9	14	2.74	4.27		W811369	QFP, Grano diorite	grey-white	weak	limonite	2					pyrite	1	oxcupy dissem				most qfp monzonite (seen at drill site) with minor granodiorite as above, trace limonite fracture fillings, 1% oxidized cubic pyrite; nonmagnetic	W811369	0.060
14	19	4.27	5.79		W811370	QFP, Grano diorite	grey-white	weak	limonite	2					pyrite	0.5		clay chlorite	selective	moderate weak	less qfp monzonite (30%) which is moderate clay altered; 70% minor granodiorite as above with weak chlorite; weak limonite fracture fillings, trace fine pyrite; nonmagnetic	W811370	0.014
19	22	5.79	6.71		W811371	Grano diorite, QFP	grey-green	trace	goethite	0.2								chlorite	selective	moderate	most granodiorite as above; trace goethite blebs, moderate chlorite alteration, very weak sericite, nonmagnetic	W811371	0.007
22	27	6.71	8.23		W811372	Grano diorite, QFP	grey-green	none							pyrite	0.2	oxcupy	chlorite	selective	moderate	most granodiorite as above; trace oxidized cubic pyrite, moderate chlorite alteration, very weak sericite, nonmagnetic	W811372	0.000
27	32	8.23	9.75		W811373	Grano diorite, QFP	grey-green	weak trace	limonite hematite	2 0.2					pyrite	0.2	oxcupy	chlorite	selective	moderate	most granodiorite as above; minor limonite and trace hematite fracture fillings, trace oxidized cubic pyrite, moderate chlorite alteration, very weak sericite, nonmagnetic	W811373	0.039
32	37	9.75	11.28		W811374	Grano diorite, QFP	grey-green, bit orange	none	limonite	3								chlorite	selective	moderate	most granodiorite as above; weak limonite fracture fillings, moderate chlorite alteration, very weak sericite, nonmagnetic	W811374	0.028
37	42	11.28	12.80		W811375	Grano diorite, QFP	grey-green, bit orange	weak	limonite	3								chlorite	selective	moderate	most granodiorite as above; weak limonite fracture fillings, moderate chlorite alteration, weak sericite, nonmagnetic, weak calcareous	W811375	0.019

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FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
42	47	12.80	14.33		W811376	Grano diorite, QFP	grey-green, bit orange	weak	limonite	4					pyrite	0.2	cubic	chlorite	selective	weak	most granodiorite as above; weak limonite fracture fillings, trace disseminated cubic pyrite, weak chlorite alteration, nonmagneticweak sericite - possibly related to contact All granodiorite below 47'	W811376	0.017
47	52	14.33	15.85		W811377	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.2		chlorite	selective	weak	most granodiorite as above; weak limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, weak sericite, nonmagnetic	W811377	0.027
52	57	15.85	17.37		W811378	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, trace magnetic	W811378	0.019
57	62	17.37	18.90		W811379	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, trace sericite?, trace magnetic	W811379	0.017
62	67	18.90	20.42		W811380	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, trace sericite?, trace magnetic	W811380	0.011
67	72	20.42	21.95		W811381	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, trace magnetic	W811381	0.012
72	77	21.95	23.47		W811382	Grano diorite	grey-green	none							pyrite	0.5	dissem	chlorite epidote	selective	moderate	granodiorite, trace disseminated pyrite, moderate chlorite alteration, weak epidote, trace magnetic	W811382	0.010
77	82	23.47	24.99		W811383	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic	W811383	0.021
82	87	24.99	26.52		W811384	Grano diorite	grey-green, bit orange	moderate	limonite	10					pyrite	0.2	dissem	chlorite epidote	selective	moderate	granodiorite, moderate limonite fracture fillings, trace disseminated pyrite, moderate chlorite alteration, weak epidote, weakly magnetic	W811384	0.217

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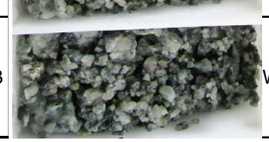
FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NO	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NO	Au (ppm)
87	92	26.52	28.04		W811385	Grano diorite	grey-green	trace	limonite	1					pyrite	0.5	dissem	chlorite epidote	selective	weak trace	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, weakly magnetic	W811385	0.043
92	97	28.04	29.57		W811386	Grano diorite	grey-green, trace orange	weak	limonite	3					pyrite	0.2	dissem	chlorite epidote	selective	weak-moderate	granodiorite, weak limonite fracture fillings, trace disseminated pyrite, weak-moderate chlorite alteration, minor epidote, weakly magnetic	W811386	0.136
97	102	29.57	31.09		W811387	Grano diorite	grey-green	trace	limonite	0.5								chlorite epidote	selective	weak trace	granodiorite, trace limonite fracture fillings, weak chlorite alteration, trace epidote, trace magnetic	W811387	0.027
102	107	31.09	32.61		W811388	Grano diorite	grey-green	trace	limonite	1					pyrite	0.2	dissem	chlorite epidote	selective	weak trace	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, trace magnetic	W811388	0.010
107	112	32.61	34.14		W811389	Grano diorite	grey-green	trace	limonite	0.1					pyrite	0.5	dissem	chlorite epidote	selective	weak trace	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, trace magnetic	W811389	0.013
112	117	34.14	35.66		W811390	Grano diorite	grey-green	trace	limonite	0.5					pyrite	0.5	dissem	chlorite epidote	selective	weak trace	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, weak chlorite alteration, trace epidote, trace magnetic	W811390	0.019
117	122	35.66	37.19		W811391	Grano diorite	grey-green	trace	limonite	1					pyrite	0.5	dissem	chlorite	selective	very weak	granodiorite, trace limonite fracture fillings, trace disseminated pyrite, very weak chlorite alteration, nonmagnetic	W811391	0.088
122	127	37.19	38.71		W811392	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite	selective	weak-moderate	granodiorite, trace disseminated pyrite, weak - moderate chlorite alteration, nonmagnetic	W811392	0.135
127	132	38.71	40.23		W811393	Grano diorite	grey-green	none										chlorite	selective	weak-moderate	granodiorite, weak - moderate chlorite alteration, nonmagnetic	W811393	0.013

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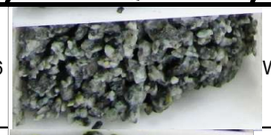
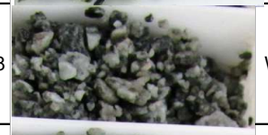
FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
132	137	40.23	41.76		W811394	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	weak-moderate, trace	granodiorite, trace disseminated pyrite, weak - moderate chlorite alteration, moderately magnetic	W811394	0.016
137	142	41.76	43.28		W811395	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	weak very trace	granodiorite, trace limonite, weak chlorite alteration, very trace epidote, weaky magnetic and calcareous	W811395	0.007
142	147	43.28	44.81		W811396	Grano diorite	grey-green	trace	limonite	0.1					pyrite	0.2	dissem	chlorite epidote	selective	weak very trace	granodiorite, trace limonite, trace disseminated pyrite, weak chlorite alteration, very trace epidote, weaky magnetic	W811396	0.038
147	152	44.81	46.33		W811397	Grano diorite	grey-green	trace	limonite	0.1					pyrite	0.2	dissem	chlorite epidote	selective	very weak trace	granodiorite, trace limonite, trace disseminated pyrite, very weak chlorite alteration, trace epidote, weaky magnetic	W811397	0.016
152	157	46.33	47.85		W811398	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	very weak trace	granodiorite, trace limonite, very weak chlorite alteration, trace epidote, weaky magnetic	W811398	0.007
157	162	47.85	49.38		W811399	Grano diorite	grey-green	trace	limonite	0.1					pyrite	0.2	dissem	chlorite epidote	selective	very weak very trace	granodiorite, trace limonite, trace disseminated pyrite, very weak chlorite alteration, very trace epidote, weaky magnetic	W811399	0.000
162	167	49.38	50.90		W811400	Grano diorite	grey-green, trace orange	trace	limonite	0.5					pyrite	0.2	dissem	chlorite epidote	selective	weak trace	granodiorite, trace limonite, trace disseminated pyrite, weak chlorite alteration, trace epidote, weaky magnetic	W811400	0.010
167	172	50.90	52.43		W811401	Grano diorite	grey-green, trace orange	trace	limonite	1					pyrite	0.2	dissem	chlorite epidote	selective	very weak very trace	granodiorite, trace limonite, trace disseminated pyrite, very weak chlorite alteration, very trace epidote, weaky magnetic	W811401	0.016
172	177	52.43	53.95		W811402	Grano diorite	grey-green, trace orange	trace	limonite	0.1								chlorite epidote	selective	very weak very trace	granodiorite, trace limonite, very weak chlorite alteration, very trace epidote, weaky magnetic	W811402	0.016

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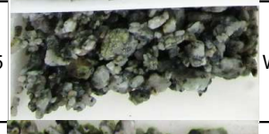
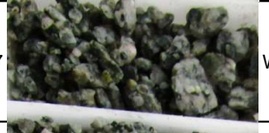
FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
177	182	53.95	55.47		W811403	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	weak	granodiorite, trace limonite, weak chlorite alteration, weak epidote, trace magnetic	W811403	0.007
182	187	55.47	57.00		W811404	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	weak	granodiorite, trace limonite, weak chlorite alteration, weak epidote, trace magnetic	W811404	0.005
187	192	57.00	58.52		W811405	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	weak	granodiorite, trace limonite, weak chlorite alteration, weak epidote, weakly magnetic	W811405	0.006
192	197	58.52	60.05		W811406	Grano diorite	grey-green	none							pyrite	0.3	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic	W811406	0.016
197	202	60.05	61.57		W811407	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic, trace calcareous	W811407	0.005
202	207	61.57	63.09		W811408	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic, trace calcareous	W811408	0.007
207	212	63.09	64.62		W811409	Grano diorite	grey-green	none							pyrite	0.5	blebs	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic, trace calcareous	W811409	0.010
212	217	64.62	66.14		W811410	Grano diorite	grey-green	trace							pyrite	0.1	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, trace magnetic, trace calcareous, orange calcite	W811410	0.006
217	222	66.14	67.67		W811411	Grano diorite	grey-green	none							pyrite	0.2	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, trace magnetic, trace calcareous, orange calcite	W811411	0.005

RUDE CREEK PROJECT HOLE_ID: ROYRC19-10 CO-ORDS:625612E, 6953243N Az:261 dip -70 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
222	227	67.67	69.19		W811412	Grano diorite	grey-green	none										chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic, trace calcareous	W811412	0.000
227	232	69.19	70.71		W811413	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous, orange calcite	W811413	0.006
232	237	70.71	72.24		W811414	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous	W811414	0.006
237	242	72.24	73.76		W811415	Grano diorite	grey-green	none										chlorite epidote	selective	weak	granodiorite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous	W811415	0.005
242	247	73.76	75.29		W811416	Grano diorite	grey-green	none							pyrite	0.1	blebs	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous	W811416	0.014
247	252	75.29	76.81		W811417	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous	W811417	0.006
252	257	76.81	78.33		W811418	Grano diorite	grey-green	none										chlorite epidote	selective	weak	granodiorite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous, orange calcite	W811418	0.000
257	262	78.33	79.86		W811419	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous, orange calcite	W811419	0.012
262	267	79.86	81.38		W811420	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous, orange calcite	W811420	0.011

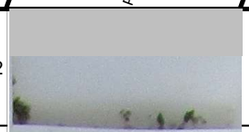
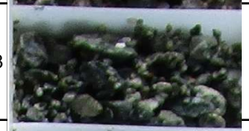
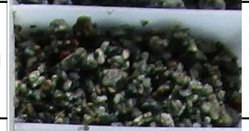
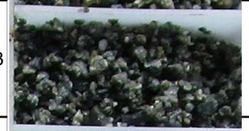
RUDE CREEK PROJECT HOLE_ID: ROYRC19-10 CO-ORDS:625612E, 6953243N Az:261 dip -70 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
267	272	81.38	82.91		W811421	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	weak trace	granodiorite, trace disseminated pyrite, weak chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811421	0.013
272	277	82.91	84.43		W811422	Grano diorite	grey-green	none										chlorite epidote	selective	weak trace	granodiorite, weak chlorite alteration, trace epidote, moderately magnetic, trace calcareous	W811422	0.000
277	282	84.43	85.95		W811423	Grano diorite	grey-green	none										chlorite epidote	selective	weak trace	granodiorite, weak chlorite alteration, trace epidote, moderately magnetic, trace calcareous	W811423	0.009
282	287	85.95	87.48		W811424	Grano diorite	grey-green	none										chlorite epidote	selective	weak trace	granodiorite, weak chlorite alteration, weak epidote, moderately magnetic, trace calcareous	W811424	0.010
287	292	87.48	89.00		W811425	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	weak	granodiorite, trace disseminated pyrite, weak chlorite alteration, weak epidote, weakly magnetic, trace calcareous	W811425	0.078
292	297	89.00	90.53		W811426	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous	W811426	0.007
297	302	90.53	92.05		W811427	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811427	0.009
302	307	92.05	93.57		W811428	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811428	0.000
307	312	93.57	95.10		W811429	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811429	0.006

RUDE CREEK PROJECT HOLE_ID: ROYRC19-10 CO-ORDS:625612E, 6953243N Az:261 dip -70 DATE LOGGED: 2019_06_21 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTOS	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
312	317	95.10	96.62		W811430	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811430	0.007
317	322	96.62	98.15		W811431	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite	W811431	0.007
322	327	98.15	99.67		W811432	Grano diorite	grey-green	none							pyrite	1.1	dissem	chlorite epidote	selective	trace	granodiorite, trace disseminated pyrite, trace chlorite alteration, trace epidote, moderately magnetic, trace calcareous, orange calcite End of Hole: 327 ft, 99.67m	W811432	0.006

RUDE CREEK PROJECT HOLE_ID: ROYRC19-11 CO-ORDS:626403E, 6953249N Az:081 dip -60 DATE LOGGED: 2019_06_23 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
0	4	0.00	1.22																		No recovery	-	-
4	9	1.22	2.74		W811434	Grano diorite	grey-white, weak orange	moderate	limonite	7								clay	selective	trace	medium grained, eqigranular granodiorite, limonite fracture fillings and around mafics,, ~10% hornblende, biotite, trace selective clay alteration of feldspars, trace magnetic, trace calcareous	W811434	0.009
9	14	2.74	4.27		W811435	Grano diorite	orange brown	moderate	limonite	10								chlorite-epidote clay	selective	very weak trace	granodiorite as above with moderate limonite fracture fillings and around mafics, very weak chlorite and epidote replacing mafics and some fracture fillings, trace clay, moderately magnetic with 10% magnetite stringers, trace calcareous	W811435	0.012
14	17	4.27	5.18		W811436	Grano diorite	grey	none										chlorite-epidote clay	selective	very weak trace	granodiorite as above with very weak chlorite and epidote, trace clay, trace magnetic, trace calcareous	W811436	0.007
17	22	5.18	6.71		W811437	Grano diorite	grey	trace	limonite	1								chlorite-epidote clay	selective	very weak trace	granodiorite as above with trace limonite fracture fillings , very weak chlorite and epidote, trace clay, trace magnetic, trace calcareous, calcite	W811437	0.012
22	27	6.71	8.23		W811438	Grano diorite	grey	none										chlorite-epidote clay	selective	very weak trace	granodiorite as above with very weak chlorite and epidote, trace clay, weak magnetic, trace calcareous	W811438	0.009
27	32	8.23	9.75		W811439	Grano diorite	grey	none										chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote, trace magnetic, trace calcareous	W811439	0.007
32	37	9.75	11.28		W811440	Grano diorite	grey	none							pyrite	0.1	blebs	chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, moderately magnetic, trace calcareous	W811440	<0.005
37	42	11.28	12.80		W811441	Grano diorite	grey	none							pyrite	0.1	dissem	chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, strongly magnetic, trace calcareous	W811441	0.005
42	47	12.80	14.33		W811442	Grano diorite	grey	none										chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, weakly magnetic, trace calcareous	W811442	0.023

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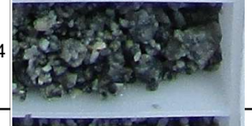
FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
47	52	14.33	15.85		W811443	Grano diorite	grey-weak green	none										chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811443	0.009
52	57	15.85	17.37		W811444	Grano diorite	grey-weak green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous and minor orange calcite	W811444	0.005
57	62	17.37	18.90		W811445	Grano diorite	grey-weak green	trace	limonite, hematite	0.2								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite and hematite, very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811445	0.006
62	67	18.90	20.42		W811446	Grano diorite	grey-weak green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, moderately magnetic, trace calcareous	W811446	<0.005
67	72	20.42	21.95		W811447	Grano diorite	grey-weak green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811447	0.008
72	77	21.95	23.47		W811448	Grano diorite	grey-weak green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811448	<0.005
77	82	23.47	24.99		W811449	Grano diorite	grey-wk green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, moderately magnetic, trace calcareous	W811449	<0.005
82	87	24.99	26.52		W811450	Grano diorite	grey-wk green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811450	<0.005
87	92	26.52	28.04		W811451	Grano diorite	grey-wk green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811451	0.007
92	97	28.04	29.57		W811452	Grano diorite	grey-wk green	trace	limonite	0.2								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite, very weak chlorite and trace epidote replacing mafics, moderately magnetic, trace calcareous, minor orange calcite,	W811452	0.007

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FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
97	102	29.57	31.09		W811453	Grano diorite	grey-wk green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, moderately magnetic, trace calcareous	W811453	0.006
102	107	31.09	32.61		W811454	Grano diorite	grey-wk green	trace	hematite	0.3					pyrite	0.1	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with trace hematite, trace pyrite, very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811454	0.007
107	112	32.61	34.14		W811455	Grano diorite	grey-wk green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811455	0.015
112	117	34.14	35.66		W811456	Grano diorite	grey-wk green, bit orange	trace	limonite	1								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite, very weak chlorite and trace epidote replacing mafics, moderately magnetic, trace calcareous	W811456	0.013
117	122	35.66	37.19		W811457	Grano diorite	grey-wk green, bit orange	trace	limonite, hematite	1								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite and hematite, very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811457	0.025
122	127	37.19	38.71		W811458	Grano diorite	grey-green	trace	limonite, hematite	0.2								chlorite epidote	selective	weak very weak	granodiorite as above with trace limonite and hematite, weak chlorite and very weak epidote replacing mafics, moderately magnetic, trace calcareous	W811458	0.007
127	132	38.71	40.23		W811459	Grano diorite	grey-green	trace	limonite, hematite	0.1								chlorite epidote	selective	weak very weak	granodiorite as above with trace limonite and hematite, weak chlorite and very weak epidote replacing mafics, moderately magnetic, trace calcareous	W811459	0.006
132	137	40.23	41.76		W811460	Grano diorite	grey-green	trace	limonite	0.1								chlorite epidote	selective	weak very weak	granodiorite as above with trace limonite, weak chlorite and very weak epidote replacing mafics, moderately magnetic, trace calcareous	W811460	0.005
137	142	41.76	43.28		W811461	Grano diorite	grey-green	trace	limonite, hematite	0.2					pyrite	0.1	blebs	chlorite epidote	selective	weak very weak	granodiorite as above with trace limonite and hematite, trace blebby pyrite and very weak epidote replacing mafics, moderate to strongly magnetic, trace calcareous	W811461	<0.005
142	147	43.28	44.81		W811462	Grano diorite	grey-green	none										chlorite epidote	selective	weak very weak	granodiorite as above with weak chlorite and very weak epidote replacing mafics, moderate to strongly magnetic, trace calcareous	W811462	<0.005

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FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORM	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
147	152	44.81	46.33		W811463	Grano diorite	grey-green	none										chlorite epidote	selective	weak very weak	granodiorite as above with weak chlorite and very weak epidote replacing mafics, moderate to strongly magnetic, trace calcareous	W811463	0.007
152	157	46.33	47.85		W811464	Grano diorite	grey-green	moderate	limonite	7								chlorite epidote	selective	very weak	granodiorite as above with moderate limonite very weak chlorite and epidote replacing mafics, weakly magnetic, trace calcareous	W811464	0.038
157	162	47.85	49.38		W811465	Grano diorite	grey-green	weak	limonite	3								chlorite epidote	selective	very weak	granodiorite as above with weak limonite very weak chlorite and epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811465	0.012
162	167	49.38	50.90		W811466	Grano diorite	grey-green	none										chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, weakly magnetic, trace calcareous	W811466	0.005
167	172	50.90	52.43		W811467	Grano diorite	grey-green	none										chlorite epidote	selective	very weak	granodiorite as above with very weak chlorite and epidote replacing mafics, moderately magnetic, trace calcareous	W811467	0.005
172	177	52.43	53.95		W811468	Grano diorite	grey-green, bit orange	trace	limonite hematite	1					pyrite	0.1	dissem	chlorite epidote	selective	very weak	granodiorite as above with trace limonite and hematite, trace pyrite, very weak chlorite and epidote replacing mafics, moderately magnetic, trace calcareous, orange calcite	W811468	0.018
177	182	53.95	55.47		W811469	Grano diorite	grey-green, bit orange	weak	limonite	3								chlorite epidote	selective	very weak trace	granodiorite as above with weak limonite , very weak chlorite and trace epidote replacing mafics, weak to moderately magnetic, trace calcareous	W811469	0.010
182	187	55.47	57.00		W811470	Grano diorite	grey-green, bit orange	weak	limonite	3								chlorite epidote	selective	very weak trace	granodiorite as above with weak limonite , very weak chlorite and trace epidote replacing mafics, weakly magnetic, trace calcareous	W811470	0.007
187	192	57.00	58.52		W811471	Grano diorite	grey-green, bit orange	weak	limonite	2					pyrite	0.1	dissem	chlorite epidote	selective	very weak trace	granodiorite as above with weak limonite, trace pyrite, very weak chlorite and trace epidote replacing mafics, trace magnetic, trace calcareous, trace clay	W811471	0.659
192	197	58.52	60.05		W811472	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	very weak trace	granodiorite as above with trace pyrite, very weak chlorite and trace epidote replacing mafics, non-magnetic, trace calcareous	W811472	0.038

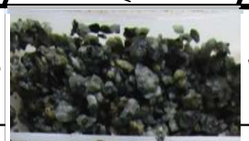
RUDE CREEK PROJECT HOLE_ID: ROYRC19-11 CO-ORDS:626403E, 6953249N Az:081 dip -60 DATE LOGGED: 2019_06_23 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
197	202	60.05	61.57		W811473	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.1	cubic	chlorite	selective	very weak	granodiorite as above with trace limonite and cubic pyrite, very weak chlorite and epidote replacing mafics, non-magnetic, trace calcareous	W811473	0.014
202	207	61.57	63.09		W811474	Grano diorite	grey-green	trace	limonite	0.2								chlorite	selective	very weak	granodiorite as above with trace limonite, very weak chlorite, trace magnetic, trace calcareous	W811474	0.006
207	212	63.09	64.62		W811475	Grano diorite	grey-green	trace	limonite	0.5								chlorite	selective	very weak	granodiorite as above with trace limonite, very weak chlorite, weakly magnetic, trace calcareous	W811475	0.006
212	217	64.62	66.14		W811476	Grano diorite	grey-green	trace	limonite	0.5					pyrite	0.1	dissem	chlorite	selective	very weak	granodiorite as above with trace limonite, very weak chlorite, trace magnetic, trace calcareous	W811476	0.007
217	222	66.14	67.67		W811477	Grano diorite	grey-green, bit orange	weak trace	limonite hematite	2 0.5								chlorite	selective	very weak	granodiorite as above with weak limonite and trace hematite, very weak chlorite, trace magnetic, trace calcareous	W811477	0.008
222	227	67.67	69.19		W811478	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite	selective	very weak	granodiorite as above with trace pyrite, very weak chlorite, weak magnetic, trace calcareous	W811478	0.010
227	232	69.19	70.71		W811479	Grano diorite	grey-green	none										chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, trace magnetic, trace calcareous	W811479	0.005
232	237	70.71	72.24		W811480	Grano diorite	grey-green	none							pyrite	0.1	dissem	chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, trace magnetic, trace pyrite, trace calcareous	W811480	0.007
237	242	72.24	73.76		W811481	Grano diorite	grey-green	trace	limonite	0.5								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite, very weak chlorite and trace epidote, weakly magnetic, trace calcareous	W811481	0.016
242	247	73.76	75.29		W811482	Grano diorite	grey-green	trace	limonite	0.5								chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite, very weak chlorite and trace epidote, weakly magnetic, trace calcareous	W811482	0.006

RUDE CREEK PROJECT HOLE_ID: ROYRC19-11 CO-ORDS:626403E, 6953249N Az:081 dip -60 DATE LOGGED: 2019_06_23 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
247	252	75.29	76.81		W811483	Grano diorite	grey-green	none										chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, weakly magnetic, trace calcareous	W811483	<0.005
252	257	76.81	78.33		W811484	Grano diorite	grey-green	none										chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, weakly magnetic, trace calcareous	W811484	0.006
257	262	78.33	79.86		W811485	Grano diorite	grey-green	none										chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, weakly magnetic, trace calcareous	W811485	0.009
262	267	79.86	81.38		W811486	Grano diorite	grey-green	none										chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, trace magnetic, trace calcareous	W811486	0.006
267	272	81.38	82.91		W811487	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, trace magnetic, trace calcareous, pyrite blebs replacing hornblende	W811487	<0.005
272	277	82.91	84.43		W811488	Grano diorite	grey	none							pyrite	0.2	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, moderately magnetic, trace calcareous, pyrite blebs replacing hornblende	W811488	0.005
277	282	84.43	85.95		W811489	Grano diorite	grey-green	trace	limonite	0.2					pyrite	0.2	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with trace limonite, very weak chlorite and trace epidote, moderately magnetic, trace calcareous, pyrite blebs replacing hornblende	W811489	0.009
282	287	85.95	87.48		W811490	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	very weak weak	granodiorite as above with very weak chlorite and weak epidote, trace magnetic, trace calcareous, pyrite blebs replacing hornblende	W811490	<0.005
287	292	87.48	89.00		W811491	Grano diorite	grey-green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, moderately magnetic, trace calcareous	W811491	0.005
292	297	89.00	90.53		W811492	Grano diorite	grey-green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, moderately magnetic, trace calcareous	W811492	<0.005

RUDE CREEK PROJECT HOLE_ID: ROYRC19-11 CO-ORDS:626403E, 6953249N Az:081 dip -60 DATE LOGGED: 2019_06_23 LOGGED BY: J. PAUTLER

FROM_FT	TO_FT	FROM_M	TO_M	PHOTO	SAMPLE_NC	LITHA	COLOR	REDOX	OXIDE_MIN	OXIDE_PCT	VEIN	VEIN_PCT	AS_PCT	AS_FORM	SULF1	SULF1_PCT	SULF1_FORI	ALT-1	ALT-1_FORM	ALT-1_INT	COMMENTS / DESCRIPTION	SAMPLE_NC	Au (ppm)
297	302	90.53	92.05		W811493	Grano diorite	grey-green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, moderately magnetic, trace calcareous	W811493	0.005
302	307	92.05	93.57		W811494	Grano diorite	grey-green	none							pyrite	0.2	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, moderately magnetic, trace calcareous, pyrite blebs replacing hornblende	W811494	0.007
307	312	93.57	95.10		W811495	Grano diorite	grey-green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, weakly magnetic, trace calcareous	W811495	<0.005
312	317	95.10	96.62		W811496	Grano diorite	grey-green	none										chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, weakly magnetic, trace calcareous	W811496	<0.005
317	322	96.62	98.15		W811497	Grano diorite	grey-green	none							pyrite	0.1	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, trace magnetic, trace calcareous, trace pyrite blebs replacing hornblende	W811497	0.005
322	327	98.15	99.67		W811498	Grano diorite	grey-green	none							pyrite	1	blebs	chlorite epidote	selective	very weak trace	granodiorite as above with very weak chlorite and trace epidote, trace magnetic, trace calcareous, minor pyrite blebs replacing hornblende	W811498	0.021

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-09	0.00	0.91	0.91									
ROYRC19-09	0.91	2.44	1.52	W811302	0.027	14.2	18.9	0.5	20.6	8.1	1.65	0
ROYRC19-09	2.44	3.96	1.52	W811303	0.041	20.9	7.7	0.3	37.9	7.2	1.82	0
ROYRC19-09	3.96	4.88	0.91	W811304	0.035	121.6	5.9	0.4	28.7	17.0	2.51	0
ROYRC19-09	4.88	6.40	1.52	W811305	0.161	578.6	14.7	3.0	39.0	67.3	3.10	0.3
ROYRC19-09	6.40	7.92	1.52	W811306	0.539	328.0	18.9	3.2	26.7	102.6	2.86	0.2
ROYRC19-09	7.92	9.45	1.52	W811307	0.107	459.2	24.9	5.6	34.8	59.2	2.92	0
ROYRC19-09	9.45	10.97	1.52	W811308	0.026	10.4	3.7	0.2	35.6	2.0	3.1	0
ROYRC19-09	10.97	12.50	1.52	W811309	0.016	53.2	5.8	0.5	16.4	2.4	2.87	0
ROYRC19-09	12.50	14.02	1.52	W811310	0.036	40.4	7.0	0.5	19.2	3.9	2.83	0
ROYRC19-09	14.02	15.54	1.52	W811311	0.056	191.8	14.8	2.3	35.6	30.5	3.07	0
ROYRC19-09	15.54	17.07	1.52	W811312	0.034	224.7	11.4	2.1	35.1	14.8	3.18	0
ROYRC19-09	17.07	18.59	1.52	W811313	0.058	41.5	10.2	0.9	54.1	8.1	3.28	0
ROYRC19-09	18.59	20.12	1.52	W811314	0.017	8.7	6.0	0.1	37.8	1.2	3.02	0
ROYRC19-09	20.12	21.64	1.52	W811315	0.007	10.4	4.1	0.1	8.1	0.7	2.46	0
ROYRC19-09	21.64	23.16	1.52	W811316	0.008	20.0	6.8	0.2	20.5	0.7	2.07	0
ROYRC19-09	23.16	24.69	1.52	W811317	0.059	87.5	4.4	0.6	12.6	7.1	2.16	0
ROYRC19-09	24.69	26.21	1.52	W811318	0.055	37.2	4.8	0.3	14.0	6.1	2	0
ROYRC19-09	26.21	27.74	1.52	W811319	0.006	8.6	3.9	0.0	5.4	0.5	2.09	0
ROYRC19-09	27.74	29.26	1.52	W811320	0.012	19.2	7.0	0.3	15.9	3.1	2.19	0.2
ROYRC19-09	29.26	30.78	1.52	W811321	0.018	13.9	8.2	0.2	33.0	3.5	2.67	0.3
ROYRC19-09	30.78	32.31	1.52	W811322	0.040	20.9	13.1	0.4	18.5	10.8	2.29	0
ROYRC19-09	32.31	33.83	1.52	W811323	0.030	60.7	14.9	0.6	23.0	15.1	2.21	0.2
ROYRC19-09	33.83	35.36	1.52	W811324	0.048	71.0	10.0	0.6	38.9	12.3	2.87	0
ROYRC19-09	35.36	36.88	1.52	W811325	0.027	62.2	12.1	0.8	21.6	10.1	2.62	0
ROYRC19-09	36.88	38.40	1.52	W811326	0.030	34.0	11.3	0.4	37.7	7.4	2.65	0.3
ROYRC19-09	38.40	39.93	1.52	W811327	0.036	18.7	9.1	0.3	43.9	8.4	2.62	0.4
ROYRC19-09	39.93	41.45	1.52	W811328	0.056	32.4	9.3	0.4	30.9	8.1	2.69	0.5
ROYRC19-09	41.45	42.98	1.52	W811329	0.111	13.9	31.0	1.7	44.9	8.7	2.98	0.8
ROYRC19-09	42.98	44.50	1.52	W811330	0.630	124.1	1512.4	12.7	283.1	30.8	7.49	1
ROYRC19-09	44.50	46.02	1.52	W811331	3.256	666.9	1910.7	25.9	477.7	58.1	10.02	1.2
ROYRC19-09	46.02	47.55	1.52	W811332	4.248	210.4	2221.1	73.9	269.8	283.4	5.9	2.2
ROYRC19-09	47.55	49.07	1.52	W811333	0.111	41.7	54.9	1.7	45.8	9.7	3.12	0.9

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-09	49.07	50.60	1.52	W811334	0.169	75.6	26.7	1.0	42.4	16.7	2.94	0.7
ROYRC19-09	50.60	52.12	1.52	W811335	0.060	36.4	20.1	0.8	41.5	7.9	2.73	0.5
ROYRC19-09	52.12	53.64	1.52	W811336	0.034	14.8	14.3	0.4	40.7	4.6	2.75	0.3
ROYRC19-09	53.64	55.17	1.52	W811337	0.045	32.9	16.9	0.4	15.1	5.8	2.72	0
ROYRC19-09	55.17	56.69	1.52	W811338	0.043	33.2	8.2	0.3	27.6	6.3	3.02	0
ROYRC19-09	56.69	58.22	1.52	W811339	0.053	6.4	11.0	0.3	83.3	2.9	2.76	0.2
ROYRC19-09	58.22	59.74	1.52	W811340	0.030	22.8	16.1	0.4	42.3	2.4	2.31	0.3
ROYRC19-09	59.74	61.26	1.52	W811341	0.092	5.3	10.0	0.4	104.9	3.3	2.96	0.4
ROYRC19-09	61.26	62.79	1.52	W811342	0.039	9.6	14.7	0.2	62.9	1.1	2.66	0
ROYRC19-09	62.79	64.31	1.52	W811343	0.018	6.7	7.3	0.2	25.1	1.0	2.41	0
ROYRC19-09	64.31	65.84	1.52	W811344	0.023	9.6	6.8	0.3	36.5	1.9	2.43	0.2
ROYRC19-09	65.84	67.36	1.52	W811345	0.027	6.1	7.5	0.2	22.9	1.7	2.58	0
ROYRC19-09	67.36	68.88	1.52	W811346	0.000	3.5	5.4	0.0	6.0	0.2	2.6	0
ROYRC19-09	68.88	70.41	1.52	W811347	0.006	5.2	6.3	0.0	6.0	0.9	2.64	0
ROYRC19-09	70.41	71.93	1.52	W811348	0.005	7.2	7.7	0.1	5.4	1.6	2.75	0
ROYRC19-09	71.93	73.46	1.52	W811349	0.040	30.8	11.6	0.3	15.4	4.0	2.83	0
ROYRC19-09	73.46	74.98	1.52	W811350	0.050	131.8	18.0	1.0	26.8	14.5	2.5	0
ROYRC19-09	74.98	76.50	1.52	W811351	0.013	74.9	10.0	0.4	15.9	5.2	2.71	0
ROYRC19-09	76.50	78.03	1.52	W811352	0.063	21.5	8.7	0.3	67.3	3.5	3.36	0
ROYRC19-09	78.03	79.55	1.52	W811353	0.007	37.5	8.9	0.4	7.6	3.6	2.63	0
ROYRC19-09	79.55	81.08	1.52	W811354	0.006	11.2	8.1	0.1	8.1	0.6	2.54	0
ROYRC19-09	81.08	82.60	1.52	W811355	0.012	71.4	7.8	0.3	27.9	2.2	2.48	0
ROYRC19-09	82.60	84.12	1.52	W811356	0.007	26.8	8.1	0.2	10.9	1.4	2.63	0
ROYRC19-09	84.12	85.65	1.52	W811357	0.015	39.4	10.9	0.5	14.5	3.9	2.76	0
ROYRC19-09	85.65	87.17	1.52	W811358	0.023	12.1	11.6	0.5	26.3	3.1	2.22	0.4
ROYRC19-09	87.17	88.70	1.52	W811359	0.024	16.2	11.1	0.4	21.1	2.5	2.41	0.3
ROYRC19-09	88.70	90.22	1.52	W811360	0.012	5.9	6.9	0.1	18.1	0.6	2.24	0
ROYRC19-09	90.22	91.74	1.52	W811361	0.030	21.9	9.4	0.3	40.3	1.7	2.57	0
ROYRC19-09	91.74	93.27	1.52	W811362	0.043	21.9	10.1	0.4	22.8	2.4	2.7	0
ROYRC19-09	93.27	94.79	1.52	W811363	0.019	20.1	8.1	0.2	18.1	1.4	2.62	0
ROYRC19-09	94.79	96.32	1.52	W811364	0.085	86.4	16.0	1.1	29.6	11.6	2.82	0
ROYRC19-09	96.32	97.84	1.52	W811365	0.093	56.2	14.4	0.8	23.6	6.8	2.63	0
ROYRC19-09	97.84	99.36	1.52	W811366	0.064	53.1	16.0	0.8	30.4	6.6	2.59	0

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-10	0.00	1.22	1.22									
ROYRC19-10	1.22	2.74	1.52	W811368	0.022	22.4	26.5	0.7	18.5	15.7	1.84	0
ROYRC19-10	2.74	4.27	1.52	W811369	0.060	9.7	37.6	1.1	22.5	9.2	1.51	0
ROYRC19-10	4.27	5.79	1.52	W811370	0.014	3.7	7.4	0.2	27.7	1.4	1.82	0
ROYRC19-10	5.79	6.71	0.91	W811371	0.007	3.4	7.6	0.1	5.4	1.4	0.9	0
ROYRC19-10	6.71	8.23	1.52	W811372	0.000	3.2	5.5	0.0	2.7	0.4	1.02	0
ROYRC19-10	8.23	9.75	1.52	W811373	0.039	38.3	55.7	0.9	11.2	1.9	1.23	0
ROYRC19-10	9.75	11.28	1.52	W811374	0.028	47.1	46.4	0.9	106.4	1.9	1.45	0
ROYRC19-10	11.28	12.80	1.52	W811375	0.019	38.2	41.7	0.9	27.8	4.8	1.06	0
ROYRC19-10	12.80	14.33	1.52	W811376	0.017	30.5	25.8	0.6	21.9	4.9	1.37	0
ROYRC19-10	14.33	15.85	1.52	W811377	0.027	41.4	4.6	0.3	19.0	2.6	2.58	0
ROYRC19-10	15.85	17.37	1.52	W811378	0.019	28.8	14.1	0.4	23.5	1.5	2.39	0
ROYRC19-10	17.37	18.90	1.52	W811379	0.017	48.8	9.2	0.4	21.0	2.3	2.21	0
ROYRC19-10	18.90	20.42	1.52	W811380	0.011	11.3	8.6	0.2	15.1	1.5	2.35	0
ROYRC19-10	20.42	21.95	1.52	W811381	0.012	3.2	8.7	0.1	14.1	0.8	2.42	0
ROYRC19-10	21.95	23.47	1.52	W811382	0.010	36.2	10.7	0.3	18.6	1.5	2.33	0
ROYRC19-10	23.47	24.99	1.52	W811383	0.021	58.5	5.3	0.4	15.9	4.1	2.37	0
ROYRC19-10	24.99	26.52	1.52	W811384	0.217	113.2	60.6	3.7	45.1	44.2	3.04	0.6
ROYRC19-10	26.52	28.04	1.52	W811385	0.043	104.7	12.0	1.5	16.5	23.8	2.36	0
ROYRC19-10	28.04	29.57	1.52	W811386	0.136	56.4	84.6	3.0	34.4	21.4	2.98	0.3
ROYRC19-10	29.57	31.09	1.52	W811387	0.027	23.2	5.6	0.3	14.9	1.7	2.12	0
ROYRC19-10	31.09	32.61	1.52	W811388	0.010	24.1	7.0	0.4	23.0	1.6	2.14	0
ROYRC19-10	32.61	34.14	1.52	W811389	0.013	13.3	8.0	0.2	21.8	0.5	2.24	0
ROYRC19-10	34.14	35.66	1.52	W811390	0.019	10.0	6.7	0.2	18.6	0.6	2.3	0
ROYRC19-10	35.66	37.19	1.52	W811391	0.088	26.8	7.7	0.4	25.8	1.2	2.15	0
ROYRC19-10	37.19	38.71	1.52	W811392	0.135	200.1	28.4	11.6	35.8	104.5	2.58	0.3
ROYRC19-10	38.71	40.23	1.52	W811393	0.013	24.5	6.5	0.7	11.9	4.2	2.26	0
ROYRC19-10	40.23	41.76	1.52	W811394	0.016	27.3	10.1	0.7	23.8	2.8	2.59	0
ROYRC19-10	41.76	43.28	1.52	W811395	0.007	14.3	7.7	0.2	26.5	1.0	2.51	0
ROYRC19-10	43.28	44.81	1.52	W811396	0.038	13.7	12.6	0.3	61.0	1.0	2.42	0
ROYRC19-10	44.81	46.33	1.52	W811397	0.016	16.0	11.9	0.3	34.9	0.7	2.21	0
ROYRC19-10	46.33	47.85	1.52	W811398	0.007	5.3	5.2	0.1	16.9	0.5	2.31	0
ROYRC19-10	47.85	49.38	1.52	W811399	0.000	5.6	7.8	0.1	10.8	0.3	2.28	0

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-10	49.38	50.90	1.52	W811400	0.010	3.0	10.2	0.1	36.0	0.4	2.44	0
ROYRC19-10	50.90	52.43	1.52	W811401	0.016	2.9	8.4	0.2	54.5	0.8	2.2	0
ROYRC19-10	52.43	53.95	1.52	W811402	0.016	8.3	7.3	0.2	29.6	0.4	2.64	0
ROYRC19-10	53.95	55.47	1.52	W811403	0.007	2.7	4.6	0.0	11.1	0.2	1.97	0
ROYRC19-10	55.47	57.00	1.52	W811404	0.005	1.9	4.8	0.0	8.6	0.2	2.03	0
ROYRC19-10	57.00	58.52	1.52	W811405	0.006	1.9	5.2	0.0	7.8	0.3	2.02	0
ROYRC19-10	58.52	60.05	1.52	W811406	0.016	6.9	5.3	0.1	13.2	0.3	2.25	0
ROYRC19-10	60.05	61.57	1.52	W811407	0.005	5.0	5.8	0.1	11.2	0.3	2.14	0
ROYRC19-10	61.57	63.09	1.52	W811408	0.007	2.4	6.7	0.1	16.6	0.4	2.16	0
ROYRC19-10	63.09	64.62	1.52	W811409	0.010	14.9	6.2	0.2	16.3	0.7	2.3	0
ROYRC19-10	64.62	66.14	1.52	W811410	0.006	3.6	6.4	0.0	14.1	0.3	2.19	0
ROYRC19-10	66.14	67.67	1.52	W811411	0.005	2.0	6.3	0.0	9.4	0.2	2.12	0
ROYRC19-10	67.67	69.19	1.52	W811412	0.000	1.9	5.7	0.0	4.7	0.0	1.92	0
ROYRC19-10	69.19	70.71	1.52	W811413	0.006	2.9	6.9	0.0	8.0	0.3	1.98	0
ROYRC19-10	70.71	72.24	1.52	W811414	0.006	2.2	5.5	0.0	12.5	0.2	2.27	0
ROYRC19-10	72.24	73.76	1.52	W811415	0.005	4.5	5.3	0.0	12.8	0.3	2.34	0
ROYRC19-10	73.76	75.29	1.52	W811416	0.014	6.2	4.2	0.0	12.1	0.4	2.25	0
ROYRC19-10	75.29	76.81	1.52	W811417	0.006	4.7	3.5	0.0	11.0	0.2	2.25	0
ROYRC19-10	76.81	78.33	1.52	W811418	0.000	2.4	3.5	0.0	10.4	0.1	2.29	0
ROYRC19-10	78.33	79.86	1.52	W811419	0.012	2.2	4.1	0.0	13.2	0.2	2.37	0
ROYRC19-10	79.86	81.38	1.52	W811420	0.011	2.6	5.6	0.0	12.4	0.3	2.29	0
ROYRC19-10	81.38	82.91	1.52	W811421	0.013	6.8	5.0	0.1	8.2	0.3	2.65	0
ROYRC19-10	82.91	84.43	1.52	W811422	0.000	12.6	5.1	0.3	6.8	1.2	2.57	0
ROYRC19-10	84.43	85.95	1.52	W811423	0.009	18.7	4.2	0.2	5.4	0.9	2.59	0
ROYRC19-10	85.95	87.48	1.52	W811424	0.010	48.5	6.0	0.6	7.5	4.6	2.6	0
ROYRC19-10	87.48	89.00	1.52	W811425	0.078	309.4	31.3	7.1	14.6	48.5	2.54	0
ROYRC19-10	89.00	90.53	1.52	W811426	0.007	64.3	9.8	1.5	10.8	9.4	2.44	0
ROYRC19-10	90.53	92.05	1.52	W811427	0.009	32.2	6.9	0.7	12.7	3.9	2.48	0
ROYRC19-10	92.05	93.57	1.52	W811428	0.000	5.9	4.4	0.1	7.3	0.6	2.42	0
ROYRC19-10	93.57	95.10	1.52	W811429	0.006	4.7	4.5	0.1	8.7	0.4	2.41	0
ROYRC19-10	95.10	96.62	1.52	W811430	0.007	3.7	4.3	0.0	10.2	0.4	2.22	0
ROYRC19-10	96.62	98.15	1.52	W811431	0.007	3.0	4.0	0.0	12.1	0.3	2.27	0
ROYRC19-10	98.15	99.67	1.52	W811432	0.006	2.6	4.1	0.0	13.3	0.2	2.51	0

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-11	0.00	1.22	1.22									
ROYRC19-11	1.22	2.74	1.52	W811434	0.009	46.2	42.1	0.7	142.3	1.0	3.34	0
ROYRC19-11	2.74	4.27	1.52	W811435	0.012	62.3	47.0	0.8	349.8	2.3	3.93	0.8
ROYRC19-11	4.27	5.18	0.91	W811436	0.007	9.1	9.4	0.1	24.4	0.2	2.7	0
ROYRC19-11	5.18	6.71	1.52	W811437	0.012	30.9	17.7	0.6	66.6	1.8	3.07	0
ROYRC19-11	6.71	8.23	1.52	W811438	0.009	26.8	6.8	0.4	28.6	1.2	3.33	0
ROYRC19-11	8.23	9.75	1.52	W811439	0.007	12.8	14.0	0.2	14.2	0.3	2.73	0
ROYRC19-11	9.75	11.28	1.52	W811440	0.000	8.7	11.3	0.1	8.6	0.3	3.66	0
ROYRC19-11	11.28	12.80	1.52	W811441	0.005	11.5	13.0	0.2	13.4	0.5	3.38	0
ROYRC19-11	12.80	14.33	1.52	W811442	0.023	20.9	117.9	0.4	26.4	0.6	3.48	0
ROYRC19-11	14.33	15.85	1.52	W811443	0.009	36.3	33.1	0.5	45.1	0.7	3.43	0
ROYRC19-11	15.85	17.37	1.52	W811444	0.005	9.0	11.9	0.1	14.4	0.4	3.29	0
ROYRC19-11	17.37	18.90	1.52	W811445	0.006	5.3	12.8	0.2	19.7	0.5	3.49	0
ROYRC19-11	18.90	20.42	1.52	W811446	0.000	8.9	13.3	0.0	6.1	0.3	3.42	0
ROYRC19-11	20.42	21.95	1.52	W811447	0.008	4.1	6.3	0.0	18.6	0.3	3.21	0
ROYRC19-11	21.95	23.47	1.52	W811448	0.000	4.6	6.6	0.0	5.5	0.4	3.49	0
ROYRC19-11	23.47	24.99	1.52	W811449	0.000	4.4	8.2	0.0	7.5	0.0	3.20	0
ROYRC19-11	24.99	26.52	1.52	W811450	0.000	6.2	7.4	0.0	6.3	0.2	3.45	0
ROYRC19-11	26.52	28.04	1.52	W811451	0.007	24.9	13.2	0.3	17.6	0.8	3.72	0
ROYRC19-11	28.04	29.57	1.52	W811452	0.007	14.2	7.4	0.2	14.3	0.6	3.23	0
ROYRC19-11	29.57	31.09	1.52	W811453	0.006	12.5	8.8	0.1	8.1	0.4	3.51	0
ROYRC19-11	31.09	32.61	1.52	W811454	0.007	15.4	17.5	0.3	21.1	0.7	3.29	0
ROYRC19-11	32.61	34.14	1.52	W811455	0.015	162.6	166.6	2.5	105.8	5.2	3.89	0
ROYRC19-11	34.14	35.66	1.52	W811456	0.013	141.5	257.3	2.0	133.9	3.2	3.25	0
ROYRC19-11	35.66	37.19	1.52	W811457	0.025	158.3	209.1	4.0	111.9	6.7	3.56	0
ROYRC19-11	37.19	38.71	1.52	W811458	0.007	37.1	22.8	0.4	12.6	0.8	3.11	0
ROYRC19-11	38.71	40.23	1.52	W811459	0.006	18.4	10.4	0.2	7.1	0.9	3.51	0
ROYRC19-11	40.23	41.76	1.52	W811460	0.005	20.7	6.6	0.2	4.7	0.3	3.37	0
ROYRC19-11	41.76	43.28	1.52	W811461	0.000	11.0	7.5	0.1	4.8	0.3	3.14	0
ROYRC19-11	43.28	44.81	1.52	W811462	0.000	17.0	6.6	0.2	4.4	0.3	3.26	0
ROYRC19-11	44.81	46.33	1.52	W811463	0.007	72.3	7.8	0.4	9.4	0.6	3.53	0
ROYRC19-11	46.33	47.85	1.52	W811464	0.038	284.4	214.9	2.3	546.7	2.2	4.31	0
ROYRC19-11	47.85	49.38	1.52	W811465	0.012	121.6	160.7	1.1	38.5	1.0	3.99	0

Appendix III: Drill Intervals with Select Results												
HOLE_ID	From (m)	To (m)	Interval	Sample_ No.	Au_ppm	Cu	Pb	Ag	As	Bi	Fe	Te
ROYRC19-11	49.38	50.90	1.52	W811466	0.005	7.7	7.9	0.0	5.2	0.2	2.62	0
ROYRC19-11	50.90	52.43	1.52	W811467	0.005	15.0	15.3	0.2	7.4	1.0	3.27	0
ROYRC19-11	52.43	53.95	1.52	W811468	0.018	34.8	47.9	0.5	66.0	1.0	4.10	0
ROYRC19-11	53.95	55.47	1.52	W811469	0.010	8.8	20.0	0.1	15.6	0.4	2.4	0
ROYRC19-11	55.47	57.00	1.52	W811470	0.007	3.3	3.8	0.0	8.7	0.8	2.52	0
ROYRC19-11	57.00	58.52	1.52	W811471	0.659	26.2	22.8	0.2	273.6	0.5	2.89	0
ROYRC19-11	58.52	60.05	1.52	W811472	0.038	26.0	27.6	0.4	775.0	0.8	3.37	0
ROYRC19-11	60.05	61.57	1.52	W811473	0.014	19.0	16.4	0.3	165.8	1.7	3.15	0
ROYRC19-11	61.57	63.09	1.52	W811474	0.006	2.6	2.8	0.0	8.5	0.1	2.28	0
ROYRC19-11	63.09	64.62	1.52	W811475	0.006	2.0	2.6	0.0	7.3	0.1	2.26	0
ROYRC19-11	64.62	66.14	1.52	W811476	0.007	1.3	2.8	0.0	6.9	0.0	1.6	0
ROYRC19-11	66.14	67.67	1.52	W811477	0.008	3.2	2.9	0.0	12.0	0.2	2.69	0
ROYRC19-11	67.67	69.19	1.52	W811478	0.010	31.2	65.7	1.0	26.5	8.5	2.95	0
ROYRC19-11	69.19	70.71	1.52	W811479	0.005	2.9	9.7	0.0	6.8	0.5	2.23	0
ROYRC19-11	70.71	72.24	1.52	W811480	0.007	4.8	15.9	0.0	8.6	0.7	2.99	0
ROYRC19-11	72.24	73.76	1.52	W811481	0.016	33.8	32.3	0.8	129.6	4.5	3.64	0
ROYRC19-11	73.76	75.29	1.52	W811482	0.006	8.3	10.0	0.1	50.2	0.5	2.67	0
ROYRC19-11	75.29	76.81	1.52	W811483	0.000	2.0	11.1	0.0	8.0	0.2	3.02	0
ROYRC19-11	76.81	78.33	1.52	W811484	0.006	19.3	11.9	0.2	8.4	4.1	3.20	0
ROYRC19-11	78.33	79.86	1.52	W811485	0.009	35.8	17.0	0.3	12.7	2.0	3.20	0
ROYRC19-11	79.86	81.38	1.52	W811486	0.006	15.6	14.0	0.2	14.4	0.7	2.77	0
ROYRC19-11	81.38	82.91	1.52	W811487	0.000	7.8	7.2	0.1	9.9	0.5	2.96	0
ROYRC19-11	82.91	84.43	1.52	W811488	0.005	13.1	5.4	0.1	5.9	0.7	3.75	0
ROYRC19-11	84.43	85.95	1.52	W811489	0.009	10.4	17.3	0.3	32.6	1.3	2.84	0
ROYRC19-11	85.95	87.48	1.52	W811490	0.000	4.4	11.7	0.0	13.8	0.5	3.06	0
ROYRC19-11	87.48	89.00	1.52	W811491	0.005	10.5	13.0	0.1	11.2	0.4	3.72	0
ROYRC19-11	89.00	90.53	1.52	W811492	0.000	7.2	14.0	0.1	9.8	0.7	3.75	0
ROYRC19-11	90.53	92.05	1.52	W811493	0.005	10.1	13.8	0.2	6.9	1.2	3.79	0
ROYRC19-11	92.05	93.57	1.52	W811494	0.007	17.0	12.8	0.4	12.0	1.2	3.89	0
ROYRC19-11	93.57	95.10	1.52	W811495	0.000	7.7	8.9	0.1	11.5	0.7	3.23	0
ROYRC19-11	95.10	96.62	1.52	W811496	0.000	13.6	6.2	0.1	12.3	0.3	3.26	0
ROYRC19-11	96.62	98.15	1.52	W811497	0.005	6.1	9.7	0.0	14.2	0.3	3.70	0
ROYRC19-11	98.15	99.67	1.52	W811498	0.021	14.4	15.2	0.2	19.1	0.5	3.75	0

Appendix IV

Geochemical Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Michelin Mining Corp.**
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Submitted By: Ken
Receiving Lab: Canada-Whitehorse
Received: June 20, 2019
Report Date: August 07, 2019
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI19000063.1

CLIENT JOB INFORMATION

Project: Rude Creek
Shipment ID: 001
P.O. Number
Number of Samples: 133

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	130	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA430	133	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	133	Environmental disposal charge-Fire assay lead waste			VAN
AQ200	133	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SLBHP	1	Sort, label and box pulps			WHI
SHP01	133	Per sample shipping charges for branch shipments			VAN
SPTRF	2	Split samples by riffle splitter			WHI

ADDITIONAL COMMENTS

Invoice To: Michelin Mining Corp.
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Michelin Mining Corp.**
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811301	Rock Pulp	0.28	3.930	25.0	74.8	20.8	140	1.5	72.2	8.0	307	2.76	675.7	27.4	4.5	32	1.8	9.2	4.7	59	2.02
W811302	Reverse	1.94	0.027	1.1	14.2	18.9	32	0.5	5.0	4.9	462	1.65	20.6	13.9	9.7	35	0.1	1.2	8.1	13	0.69
W811303	Reverse	0.75	0.041	1.7	20.9	7.7	25	0.3	2.9	6.5	396	1.82	37.9	44.1	10.5	27	0.1	1.4	7.2	10	0.71
W811304	Reverse	1.40	0.035	1.3	121.6	5.9	43	0.4	3.7	4.6	535	2.51	28.7	18.3	15.7	30	<0.1	0.9	17.0	26	1.26
W811305	Reverse	2.54	0.161	1.3	578.6	14.7	55	3.0	4.1	9.0	601	3.10	39.0	64.1	14.3	23	0.3	1.8	67.3	28	1.13
W811306	Reverse	2.40	0.539	1.3	328.0	18.9	56	3.2	4.2	6.7	585	2.86	26.7	25.0	13.1	22	0.3	2.5	102.6	32	0.97
W811307	Reverse	2.35	0.107	1.2	459.2	24.9	48	5.6	4.8	10.6	553	2.92	34.8	63.5	15.6	27	0.5	2.7	59.2	38	1.03
W811308	Reverse	2.51	0.026	1.2	10.4	3.7	44	0.2	4.0	10.6	549	3.10	35.6	32.1	13.5	24	<0.1	0.8	2.0	35	0.92
W811309	Reverse	2.44	0.016	1.4	53.2	5.8	55	0.5	4.8	5.2	620	2.87	16.4	13.0	18.0	37	<0.1	1.5	2.4	47	1.16
W811310	Reverse	2.64	0.036	1.5	40.4	7.0	49	0.5	4.7	6.9	595	2.83	19.2	21.8	15.9	30	<0.1	0.9	3.9	42	1.17
W811311	Reverse	2.63	0.056	7.8	191.8	14.8	48	2.3	4.4	12.8	702	3.07	35.6	47.6	15.3	31	0.2	0.9	30.5	32	1.39
W811312	Reverse	2.71	0.034	1.2	224.7	11.4	54	2.1	4.6	10.9	686	3.18	35.1	49.6	15.8	21	0.2	0.6	14.8	23	1.10
W811313	Reverse	2.67	0.058	1.2	41.5	10.2	44	0.9	4.0	10.5	605	3.28	54.1	36.7	14.5	18	0.3	1.6	8.1	23	0.93
W811314	Reverse	2.89	0.017	1.4	8.7	6.0	54	0.1	4.7	9.6	689	3.02	37.8	12.2	13.1	22	0.2	1.5	1.2	33	1.08
W811315	Reverse	2.53	0.007	1.2	10.4	4.1	57	0.1	4.2	2.8	613	2.46	8.1	1.7	15.0	24	<0.1	1.7	0.7	29	1.25
W811316	Reverse	2.53	0.008	1.4	20.0	6.8	44	0.2	4.1	3.8	497	2.07	20.5	3.8	15.6	30	0.2	2.9	0.7	26	1.26
W811317	Reverse	2.85	0.059	1.2	87.5	4.4	43	0.6	3.8	6.2	564	2.16	12.6	10.0	15.2	29	0.1	2.1	7.1	21	1.37
W811318	Reverse	2.85	0.055	4.6	37.2	4.8	29	0.3	3.9	7.5	507	2.00	14.0	20.4	15.2	20	0.1	1.3	6.1	13	1.10
W811319	Reverse	2.80	0.006	2.0	8.6	3.9	34	<0.1	4.0	5.2	708	2.09	5.4	1.6	16.3	34	<0.1	1.2	0.5	25	1.87
W811320	Reverse	2.63	0.012	2.1	19.2	7.0	36	0.3	4.1	5.2	414	2.19	15.9	6.8	15.7	24	0.1	2.8	3.1	28	0.92
W811321	Reverse	2.37	0.018	3.1	13.9	8.2	37	0.2	5.5	11.6	414	2.67	33.0	9.6	16.8	27	0.1	3.4	3.5	30	1.00
W811322	Reverse	2.64	0.040	1.8	20.9	13.1	44	0.4	4.7	4.7	455	2.29	18.5	8.2	14.3	23	0.2	3.3	10.8	32	0.76
W811323	Reverse	2.60	0.030	2.0	60.7	14.9	39	0.6	4.3	7.7	416	2.21	23.0	11.0	15.1	46	0.2	2.8	15.1	33	0.68
W811324	Reverse	2.41	0.048	2.2	71.0	10.0	42	0.6	4.3	4.5	480	2.87	38.9	31.9	13.8	38	0.1	2.1	12.3	37	0.67
W811325	Reverse	2.54	0.027	2.1	62.2	12.1	41	0.8	4.6	6.1	442	2.62	21.6	8.2	14.7	79	0.2	1.4	10.1	46	0.65
W811326	Reverse	3.11	0.030	1.9	34.0	11.3	39	0.4	4.8	6.5	427	2.65	37.7	26.0	15.4	83	0.1	1.5	7.4	45	0.68
W811327	Reverse	2.41	0.036	1.8	18.7	9.1	40	0.3	4.5	6.7	477	2.62	43.9	23.8	15.9	26	<0.1	1.1	8.4	38	1.06
W811328	Reverse	2.47	0.056	1.9	32.4	9.3	42	0.4	4.8	6.9	507	2.69	30.9	29.9	15.6	27	<0.1	1.1	8.1	43	1.01
W811329	Reverse	2.59	0.111	1.2	13.9	31.0	39	1.7	4.0	7.0	505	2.98	44.9	72.8	15.6	35	0.3	0.6	8.7	13	1.42
W811330	Reverse	1.43	0.630	5.0	124.1	1512.4	49	12.7	4.7	21.6	378	7.49	283.1	156.6	17.4	14	1.7	1.3	30.8	7	0.50

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811301	Rock Pulp	0.080	2	21	0.84	231	0.001	<20	0.30	0.002	0.19	1.9	5.22	3.1	2.2	1.82	1	6.0	0.7
W811302	Reverse	0.053	22	6	0.30	91	0.016	<20	0.91	0.040	0.22	0.6	<0.01	1.0	0.2	<0.05	3	<0.5	<0.2
W811303	Reverse	0.055	20	6	0.30	92	0.003	<20	0.79	0.032	0.22	0.8	<0.01	0.8	0.2	0.14	3	<0.5	<0.2
W811304	Reverse	0.076	19	11	0.60	69	0.011	<20	1.25	0.034	0.25	1.5	<0.01	2.5	0.3	0.47	6	<0.5	<0.2
W811305	Reverse	0.074	17	12	0.78	65	0.047	<20	1.49	0.036	0.25	2.2	<0.01	2.9	0.4	0.76	7	<0.5	0.3
W811306	Reverse	0.075	14	12	0.79	71	0.096	<20	1.56	0.038	0.26	2.6	<0.01	3.1	0.4	0.47	7	<0.5	0.2
W811307	Reverse	0.077	14	13	0.65	56	0.109	<20	1.34	0.041	0.17	2.8	<0.01	3.4	0.3	0.73	6	<0.5	<0.2
W811308	Reverse	0.066	16	13	0.67	66	0.075	<20	1.42	0.047	0.24	1.6	<0.01	3.4	0.4	0.76	6	<0.5	<0.2
W811309	Reverse	0.074	23	15	0.79	79	0.106	<20	1.50	0.044	0.16	1.5	<0.01	4.3	0.3	0.30	6	<0.5	<0.2
W811310	Reverse	0.073	23	15	0.78	74	0.073	<20	1.38	0.046	0.17	1.4	<0.01	3.6	0.2	0.58	6	<0.5	<0.2
W811311	Reverse	0.076	16	13	0.73	66	0.015	<20	1.53	0.037	0.23	1.3	<0.01	2.9	0.3	0.77	6	<0.5	<0.2
W811312	Reverse	0.079	16	10	0.72	92	0.005	<20	1.61	0.030	0.30	0.4	<0.01	2.2	0.3	0.80	6	<0.5	<0.2
W811313	Reverse	0.071	14	12	0.58	80	0.004	<20	1.33	0.031	0.29	0.7	<0.01	2.0	0.4	1.14	5	<0.5	<0.2
W811314	Reverse	0.072	15	12	0.88	67	0.056	<20	1.66	0.032	0.24	1.3	<0.01	2.9	0.4	0.49	6	<0.5	<0.2
W811315	Reverse	0.074	13	12	0.87	69	0.083	<20	1.60	0.038	0.24	1.5	<0.01	2.6	0.4	<0.05	6	<0.5	<0.2
W811316	Reverse	0.072	14	13	0.52	70	0.082	<20	1.30	0.035	0.26	2.0	<0.01	2.5	0.5	0.10	5	<0.5	<0.2
W811317	Reverse	0.070	18	11	0.50	73	0.027	<20	1.27	0.037	0.29	0.7	<0.01	2.4	0.5	0.14	5	<0.5	<0.2
W811318	Reverse	0.066	18	11	0.46	122	0.008	<20	1.29	0.019	0.38	0.5	<0.01	1.5	0.4	0.15	3	<0.5	<0.2
W811319	Reverse	0.068	19	15	0.58	93	0.038	<20	1.27	0.033	0.25	1.1	<0.01	2.6	0.3	<0.05	4	<0.5	<0.2
W811320	Reverse	0.067	14	14	0.61	56	0.094	<20	1.19	0.046	0.18	2.5	<0.01	2.5	0.3	0.33	5	<0.5	0.2
W811321	Reverse	0.072	13	20	0.66	43	0.107	<20	1.20	0.040	0.15	3.2	<0.01	2.6	0.3	0.82	5	<0.5	0.3
W811322	Reverse	0.071	12	15	0.70	41	0.110	<20	1.21	0.043	0.13	2.0	<0.01	2.6	0.2	0.32	6	<0.5	<0.2
W811323	Reverse	0.069	16	16	0.70	47	0.107	<20	1.24	0.038	0.13	1.8	<0.01	2.4	0.2	0.22	5	<0.5	0.2
W811324	Reverse	0.065	16	16	0.88	76	0.109	<20	1.41	0.041	0.15	1.7	<0.01	2.7	0.2	0.32	6	<0.5	<0.2
W811325	Reverse	0.066	23	17	0.75	241	0.133	<20	1.27	0.062	0.29	1.5	<0.01	3.6	0.4	0.27	5	<0.5	<0.2
W811326	Reverse	0.067	22	18	0.80	175	0.134	<20	1.20	0.057	0.19	1.9	<0.01	3.7	0.3	0.76	5	<0.5	0.3
W811327	Reverse	0.072	21	16	0.85	60	0.041	<20	1.31	0.036	0.14	0.9	<0.01	3.3	0.2	0.94	6	<0.5	0.4
W811328	Reverse	0.065	25	17	0.82	104	0.057	<20	1.25	0.047	0.18	1.2	<0.01	3.9	0.2	0.84	5	<0.5	0.5
W811329	Reverse	0.070	15	8	0.35	78	0.003	<20	0.95	0.020	0.27	0.7	<0.01	1.6	0.3	1.73	4	0.6	0.8
W811330	Reverse	0.067	7	6	0.14	63	0.001	<20	0.89	0.005	0.32	1.6	<0.01	1.0	0.3	7.13	3	2.6	1.0

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811331	Reverse	1.92	3.256	1.5	666.9	1910.7	34	25.9	4.7	43.6	80	10.02	477.7	667.2	18.2	7	1.2	2.9	58.1	5	0.20
W811332	Reverse	2.56	4.248	1.5	210.4	2221.1	46	73.9	4.6	23.3	344	5.90	269.8	278.7	21.2	11	2.5	3.3	283.4	14	0.63
W811333	Reverse	2.30	0.111	2.3	41.7	54.9	53	1.7	5.2	8.0	521	3.12	45.8	83.1	15.7	28	0.2	1.2	9.7	43	0.73
W811334	Reverse	2.47	0.169	2.8	75.6	26.7	51	1.0	5.2	7.6	487	2.94	42.4	640.0	15.2	43	0.2	1.9	16.7	48	0.66
W811335	Reverse	2.54	0.060	6.3	36.4	20.1	41	0.8	5.0	7.0	417	2.73	41.5	34.3	14.1	30	0.2	2.5	7.9	38	0.69
W811336	Reverse	2.20	0.034	2.5	14.8	14.3	40	0.4	5.4	7.4	442	2.75	40.7	20.2	14.3	28	0.1	2.6	4.6	42	0.62
W811337	Reverse	2.61	0.045	2.6	32.9	16.9	43	0.4	4.8	4.8	427	2.72	15.1	5.9	13.7	42	0.2	2.5	5.8	45	0.61
W811338	Reverse	2.09	0.043	2.8	33.2	8.2	41	0.3	5.1	7.1	403	3.02	27.6	25.2	14.9	46	<0.1	3.0	6.3	42	0.62
W811339	Reverse	2.32	0.053	3.9	6.4	11.0	39	0.3	4.8	8.3	395	2.76	83.3	37.5	13.4	38	<0.1	3.3	2.9	30	0.60
W811340	Reverse	2.37	0.030	2.8	22.8	16.1	42	0.4	4.9	7.2	456	2.31	42.3	21.9	14.5	28	0.2	3.3	2.4	32	0.65
W811341	Reverse	2.31	0.092	2.6	5.3	10.0	51	0.4	4.6	9.4	504	2.96	104.9	64.0	13.8	26	<0.1	3.2	3.3	25	0.70
W811341	Rock DUP		0.077	2.6	4.8	9.4	42	0.4	4.6	9.4	501	2.89	99.2	64.2	13.9	26	<0.1	3.2	3.1	25	0.69
W811342	Reverse	1.84	0.039	2.8	9.6	14.7	42	0.2	5.2	6.4	473	2.66	62.9	39.0	15.7	32	0.2	2.3	1.1	34	0.77
W811343	Reverse	2.47	0.018	4.6	6.7	7.3	39	0.2	4.9	6.2	456	2.41	25.1	11.5	13.6	41	0.1	1.2	1.0	42	0.69
W811344	Reverse	2.30	0.023	4.4	9.6	6.8	37	0.3	4.8	6.5	549	2.43	36.5	15.6	14.2	52	0.1	2.1	1.9	35	0.79
W811345	Reverse	1.97	0.027	2.9	6.1	7.5	45	0.2	5.4	8.2	504	2.58	22.9	9.9	15.2	45	0.1	1.6	1.7	42	0.72
W811346	Reverse	2.12	<0.005	2.8	3.5	5.4	42	<0.1	4.9	4.8	467	2.60	6.0	1.0	14.0	40	<0.1	1.3	0.2	45	0.70
W811347	Reverse	2.07	0.006	2.6	5.2	6.3	43	<0.1	4.8	5.9	508	2.64	6.0	0.8	14.6	59	<0.1	1.2	0.9	45	0.88
W811348	Reverse	1.93	0.005	2.6	7.2	7.7	53	0.1	4.7	3.5	495	2.75	5.4	<0.5	13.8	70	0.2	1.8	1.6	44	0.80
W811349	Reverse	2.37	0.040	9.0	30.8	11.6	53	0.3	5.0	6.7	498	2.83	15.4	6.9	13.8	50	0.3	1.7	4.0	44	0.82
W811350	Reverse	1.40	0.050	2.9	131.8	18.0	55	1.0	5.4	8.2	463	2.50	26.8	10.3	14.3	39	0.5	2.0	14.5	38	0.71
W811351	Reverse	2.32	0.013	3.5	74.9	10.0	48	0.4	5.5	7.0	485	2.71	15.9	232.7	14.5	43	0.2	2.0	5.2	40	0.75
W811352	Reverse	1.92	0.063	3.3	21.5	8.7	53	0.3	5.5	15.7	574	3.36	67.3	28.7	14.6	33	0.2	2.0	3.5	35	0.90
W811353	Reverse	1.47	0.007	3.3	37.5	8.9	46	0.4	4.8	4.6	445	2.63	7.6	1.4	14.0	50	0.2	1.6	3.6	43	0.93
W811354	Reverse	2.68	0.006	2.7	11.2	8.1	45	0.1	4.9	3.0	473	2.54	8.1	1.4	13.8	37	0.2	2.2	0.6	38	0.82
W811355	Reverse	2.47	0.012	3.5	71.4	7.8	44	0.3	4.5	7.4	490	2.48	27.9	6.7	12.7	35	<0.1	2.5	2.2	29	0.75
W811356	Reverse	1.93	0.007	2.5	26.8	8.1	42	0.2	4.4	2.9	426	2.63	10.9	1.7	13.1	29	0.2	1.9	1.4	41	0.69
W811357	Reverse	2.51	0.015	2.9	39.4	10.9	46	0.5	5.2	6.0	455	2.76	14.5	16.5	14.9	32	0.2	1.7	3.9	40	0.74
W811358	Reverse	2.31	0.023	4.3	12.1	11.6	38	0.5	4.8	5.0	454	2.22	26.3	12.8	12.7	24	0.1	2.0	3.1	26	0.78
W811359	Reverse	2.39	0.024	3.9	16.2	11.1	48	0.4	4.8	4.1	466	2.41	21.1	11.4	14.3	30	0.2	2.1	2.5	31	0.83

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Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811331	Reverse	0.091	3	6	0.04	33	0.002	<20	0.60	0.004	0.32	1.2	<0.01	0.8	0.3	>10	3	6.1	1.2
W811332	Reverse	0.088	11	9	0.24	70	0.003	<20	0.94	0.007	0.30	2.2	<0.01	2.0	0.4	5.69	4	2.8	2.2
W811333	Reverse	0.068	25	19	0.78	191	0.122	<20	1.20	0.048	0.29	1.5	<0.01	3.7	0.3	1.05	5	<0.5	0.9
W811334	Reverse	0.067	25	22	0.82	157	0.151	<20	1.21	0.063	0.22	3.0	<0.01	3.7	0.3	0.86	5	<0.5	0.7
W811335	Reverse	0.065	21	20	0.73	127	0.120	<20	1.08	0.051	0.19	2.6	<0.01	2.6	0.3	0.84	5	<0.5	0.5
W811336	Reverse	0.066	22	20	0.75	118	0.126	<20	1.11	0.067	0.17	2.7	<0.01	3.0	0.2	0.66	5	<0.5	0.3
W811337	Reverse	0.062	21	21	0.76	179	0.132	<20	1.12	0.070	0.24	1.8	<0.01	2.9	0.3	0.21	5	<0.5	<0.2
W811338	Reverse	0.067	22	22	0.74	90	0.124	<20	1.08	0.051	0.14	3.5	<0.01	2.7	0.2	0.82	5	<0.5	<0.2
W811339	Reverse	0.065	16	21	0.67	52	0.099	<20	1.07	0.052	0.11	2.3	<0.01	2.1	0.2	0.74	4	<0.5	0.2
W811340	Reverse	0.061	20	20	0.72	44	0.101	<20	1.13	0.051	0.10	1.9	<0.01	2.0	0.1	0.35	5	<0.5	0.3
W811341	Reverse	0.064	13	17	0.83	45	0.080	<20	1.27	0.049	0.12	2.5	<0.01	1.9	0.2	1.12	5	<0.5	0.4
W811341	Rock DUP	0.066	13	17	0.82	45	0.079	<20	1.23	0.051	0.13	2.4	<0.01	1.8	0.2	1.06	5	<0.5	0.3
W811342	Reverse	0.068	20	20	0.70	87	0.100	<20	1.09	0.052	0.15	2.1	<0.01	2.3	0.2	0.54	5	<0.5	<0.2
W811343	Reverse	0.062	22	21	0.65	293	0.158	<20	1.09	0.089	0.34	2.1	<0.01	3.1	0.3	0.24	5	<0.5	<0.2
W811344	Reverse	0.068	18	18	0.70	133	0.100	<20	1.47	0.053	0.20	1.4	<0.01	2.6	0.2	0.13	5	<0.5	0.2
W811345	Reverse	0.064	23	21	0.78	142	0.130	<20	1.16	0.063	0.20	1.9	<0.01	3.2	0.2	0.24	5	<0.5	<0.2
W811346	Reverse	0.066	22	21	0.78	195	0.142	<20	1.17	0.065	0.27	1.3	<0.01	3.3	0.3	<0.05	5	<0.5	<0.2
W811347	Reverse	0.061	24	20	0.77	244	0.142	<20	1.35	0.072	0.32	1.2	<0.01	3.4	0.4	<0.05	5	<0.5	<0.2
W811348	Reverse	0.070	20	21	0.83	142	0.131	<20	1.30	0.062	0.23	1.4	<0.01	3.0	0.3	<0.05	5	<0.5	<0.2
W811349	Reverse	0.072	22	20	0.85	168	0.137	<20	1.28	0.061	0.23	1.5	<0.01	3.0	0.3	0.12	5	<0.5	<0.2
W811350	Reverse	0.071	20	21	0.77	90	0.130	<20	1.22	0.055	0.16	2.3	<0.01	2.8	0.2	0.20	5	<0.5	<0.2
W811351	Reverse	0.073	20	23	0.78	119	0.135	<20	1.25	0.062	0.21	1.9	<0.01	2.9	0.3	0.12	5	<0.5	<0.2
W811352	Reverse	0.069	15	19	0.85	67	0.102	<20	1.39	0.047	0.22	3.0	<0.01	2.6	0.4	0.77	5	<0.5	<0.2
W811353	Reverse	0.066	22	21	0.68	128	0.121	<20	1.15	0.054	0.23	1.6	<0.01	3.2	0.4	0.05	5	<0.5	<0.2
W811354	Reverse	0.073	20	20	0.69	109	0.122	<20	1.21	0.056	0.21	1.3	<0.01	2.8	0.3	<0.05	5	<0.5	<0.2
W811355	Reverse	0.066	13	18	0.68	59	0.097	<20	1.23	0.046	0.16	1.9	<0.01	2.1	0.3	0.22	5	<0.5	<0.2
W811356	Reverse	0.070	18	20	0.66	51	0.119	<20	1.19	0.052	0.19	2.2	<0.01	2.8	0.3	0.08	5	<0.5	<0.2
W811357	Reverse	0.072	21	23	0.69	72	0.124	<20	1.18	0.051	0.18	2.4	<0.01	3.0	0.3	0.21	5	<0.5	<0.2
W811358	Reverse	0.067	12	20	0.63	53	0.084	<20	1.15	0.040	0.16	1.8	<0.01	2.1	0.2	0.11	5	<0.5	0.4
W811359	Reverse	0.071	15	19	0.68	47	0.096	<20	1.22	0.043	0.14	1.8	<0.01	2.3	0.2	0.13	5	<0.5	0.3

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811360	Reverse	2.93	0.012	2.9	5.9	6.9	47	0.1	4.4	4.0	491	2.24	18.1	3.7	13.2	38	0.1	1.9	0.6	30	0.90
W811361	Reverse	1.13	0.030	2.4	21.9	9.4	44	0.3	4.8	8.0	496	2.57	40.3	7.4	14.0	73	0.2	2.2	1.7	33	1.03
W811362	Reverse	2.07	0.043	2.7	21.9	10.1	44	0.4	4.9	6.2	519	2.70	22.8	34.7	14.2	127	0.1	1.8	2.4	37	0.95
W811363	Reverse	2.08	0.019	2.5	20.1	8.1	47	0.2	4.7	5.4	498	2.62	18.1	8.7	17.0	65	0.2	1.7	1.4	37	0.84
W811364	Reverse	1.84	0.085	2.6	86.4	16.0	55	1.1	5.3	15.1	525	2.82	29.6	26.3	15.6	46	0.3	1.7	11.6	38	0.84
W811365	Reverse	2.63	0.093	2.7	56.2	14.4	53	0.8	4.9	9.9	508	2.63	23.6	21.0	15.5	40	0.3	1.5	6.8	37	0.96
W811366	Reverse	2.34	0.064	2.7	53.1	16.0	55	0.8	4.7	12.8	475	2.59	30.4	22.9	14.7	27	0.2	1.4	6.6	30	0.89
W811367	Rock	0.23	<0.005	0.1	1.7	1.6	3	<0.1	0.6	0.3	29	0.20	0.6	<0.5	0.8	5	<0.1	<0.1	<0.1	2	0.07
W811368	Reverse	2.84	0.022	1.4	22.4	26.5	37	0.7	7.0	5.7	489	1.84	18.5	60.7	11.5	27	0.2	1.0	15.7	16	0.51
W811369	Reverse	2.11	0.060	1.2	9.7	37.6	23	1.1	2.1	3.5	345	1.51	22.5	21.0	6.8	22	<0.1	0.5	9.2	6	0.53
W811370	Reverse	1.69	0.014	2.3	3.7	7.4	27	0.2	2.2	3.7	466	1.82	27.7	5.8	6.6	42	<0.1	0.4	1.4	5	1.21
W811371	Reverse	1.81	0.007	1.0	3.4	7.6	23	0.1	1.6	1.2	346	0.90	5.4	0.9	6.0	58	<0.1	0.5	1.4	2	1.64
W811372	Reverse	2.53	<0.005	1.0	3.2	5.5	26	<0.1	1.0	1.7	355	1.02	2.7	<0.5	5.5	43	<0.1	0.3	0.4	2	1.30
W811373	Reverse	2.36	0.039	1.3	38.3	55.7	29	0.9	0.9	4.2	488	1.23	11.2	8.4	5.4	31	<0.1	0.4	1.9	5	0.78
W811374	Reverse	2.84	0.028	1.6	47.1	46.4	45	0.9	0.8	4.1	755	1.45	106.4	358.6	5.6	67	0.9	1.1	1.9	4	0.92
W811375	Reverse	2.24	0.019	1.4	38.2	41.7	29	0.9	0.6	5.0	458	1.06	27.8	11.8	5.6	34	0.7	0.6	4.8	2	1.62
W811376	Reverse	2.81	0.017	1.5	30.5	25.8	38	0.6	1.1	3.6	394	1.37	21.9	4.9	7.6	51	0.7	1.7	4.9	5	1.53
W811377	Reverse	2.71	0.027	2.7	41.4	4.6	45	0.3	4.0	6.8	683	2.58	19.0	13.0	14.6	42	<0.1	0.7	2.6	22	1.68
W811378	Reverse	2.88	0.019	1.6	28.8	14.1	46	0.4	3.9	8.2	527	2.39	23.5	17.0	12.5	28	0.2	1.7	1.5	25	0.95
W811379	Reverse	3.04	0.017	1.7	48.8	9.2	43	0.4	4.5	7.3	505	2.21	21.0	4.2	12.5	28	0.1	2.0	2.3	29	1.05
W811380	Reverse	3.05	0.011	1.7	11.3	8.6	51	0.2	4.3	4.3	553	2.35	15.1	6.6	13.8	27	0.1	1.8	1.5	30	1.03
W811381	Reverse	2.94	0.012	2.1	3.2	8.7	52	0.1	4.9	4.9	547	2.42	14.1	3.1	13.8	28	0.2	2.7	0.8	27	0.96
W811382	Reverse	2.68	0.010	1.9	36.2	10.7	45	0.3	4.7	8.3	520	2.33	18.6	4.4	13.0	31	0.2	2.3	1.5	31	0.88
W811383	Reverse	2.86	0.021	1.5	58.5	5.3	43	0.4	4.5	7.2	525	2.37	15.9	9.3	12.3	18	0.1	1.5	4.1	28	0.85
W811384	Reverse	2.61	0.217	1.8	113.2	60.6	38	3.7	3.7	12.1	381	3.04	45.1	1178.3	14.3	111	0.5	1.6	44.2	21	0.98
W811385	Reverse	2.82	0.043	1.8	104.7	12.0	44	1.5	3.7	10.8	582	2.36	16.5	29.8	13.0	179	0.2	1.2	23.8	21	1.16
W811386	Reverse	2.17	0.136	6.7	56.4	84.6	47	3.0	4.6	21.5	499	2.98	34.4	35.9	13.5	107	1.1	2.1	21.4	24	0.87
W811387	Reverse	3.16	0.027	1.0	23.2	5.6	43	0.3	3.4	7.7	506	2.12	14.9	7.4	12.1	51	0.8	2.3	1.7	29	1.38
W811388	Reverse	2.23	0.010	1.8	24.1	7.0	41	0.4	4.3	5.4	472	2.14	23.0	9.2	13.8	62	0.2	3.1	1.6	31	1.26
W811389	Reverse	2.38	0.013	2.0	13.3	8.0	41	0.2	4.6	6.5	468	2.24	21.8	15.5	13.5	44	0.1	3.4	0.5	33	1.07

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CERTIFICATE OF ANALYSIS WHI19000063.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811360	Reverse	0.069	13	19	0.70	53	0.090	<20	1.29	0.047	0.16	1.7	<0.01	2.1	0.3	0.07	5	<0.5	<0.2
W811361	Reverse	0.066	18	18	0.73	63	0.100	<20	1.35	0.048	0.15	1.5	<0.01	2.4	0.3	0.21	6	<0.5	<0.2
W811362	Reverse	0.076	19	18	0.80	91	0.102	<20	1.40	0.044	0.18	1.2	<0.01	2.6	0.4	0.14	6	<0.5	<0.2
W811363	Reverse	0.074	17	19	0.76	62	0.108	<20	1.30	0.049	0.16	1.8	<0.01	2.5	0.3	0.14	5	<0.5	<0.2
W811364	Reverse	0.074	21	21	0.76	60	0.108	<20	1.39	0.053	0.15	2.2	<0.01	2.7	0.2	0.46	6	<0.5	<0.2
W811365	Reverse	0.067	19	19	0.66	57	0.092	<20	1.29	0.052	0.15	1.6	<0.01	2.6	0.2	0.39	6	<0.5	<0.2
W811366	Reverse	0.070	11	18	0.68	57	0.079	<20	1.28	0.046	0.17	2.0	<0.01	2.0	0.2	0.52	6	<0.5	<0.2
W811367	Rock	0.002	2	3	0.07	50	0.006	<20	0.25	0.117	0.14	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
W811368	Reverse	0.060	22	10	0.35	99	0.018	<20	1.01	0.029	0.22	0.8	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
W811369	Reverse	0.054	23	4	0.28	75	0.003	<20	0.87	0.046	0.22	0.4	<0.01	0.8	0.2	<0.05	4	<0.5	<0.2
W811370	Reverse	0.056	19	5	0.35	95	0.003	<20	0.99	0.053	0.27	1.2	<0.01	0.8	0.3	0.22	5	<0.5	<0.2
W811371	Reverse	0.052	29	5	0.20	120	0.004	<20	0.75	0.033	0.30	0.4	<0.01	0.6	0.3	<0.05	3	<0.5	<0.2
W811372	Reverse	0.050	28	3	0.26	124	0.003	<20	0.86	0.039	0.30	0.2	<0.01	0.5	0.3	<0.05	3	<0.5	<0.2
W811373	Reverse	0.049	30	3	0.25	82	0.002	<20	1.00	0.026	0.25	0.1	<0.01	0.5	0.3	<0.05	4	<0.5	<0.2
W811374	Reverse	0.052	27	3	0.24	119	0.002	<20	1.12	0.027	0.29	0.2	<0.01	0.6	0.4	<0.05	4	<0.5	<0.2
W811375	Reverse	0.051	18	2	0.07	68	<0.001	<20	0.61	0.035	0.23	0.3	<0.01	0.6	0.2	0.20	1	<0.5	<0.2
W811376	Reverse	0.052	21	4	0.14	105	0.001	<20	0.81	0.036	0.27	0.3	<0.01	0.8	0.3	0.23	2	<0.5	<0.2
W811377	Reverse	0.066	19	10	0.73	63	0.007	<20	1.37	0.031	0.23	0.5	<0.01	2.1	0.3	0.22	6	<0.5	<0.2
W811378	Reverse	0.062	10	12	0.66	72	0.060	<20	1.40	0.042	0.21	1.1	<0.01	2.0	0.2	0.23	5	<0.5	<0.2
W811379	Reverse	0.068	10	14	0.60	48	0.089	<20	1.20	0.040	0.13	1.7	<0.01	2.0	0.2	0.24	5	<0.5	<0.2
W811380	Reverse	0.069	11	15	0.69	58	0.092	<20	1.30	0.050	0.18	1.5	<0.01	2.1	0.4	0.16	5	<0.5	<0.2
W811381	Reverse	0.070	10	17	0.76	59	0.096	<20	1.31	0.045	0.13	1.7	<0.01	2.0	0.2	0.10	5	<0.5	<0.2
W811382	Reverse	0.069	13	16	0.69	67	0.099	<20	1.36	0.056	0.17	1.4	<0.01	2.3	0.2	0.17	5	<0.5	<0.2
W811383	Reverse	0.075	12	13	0.73	55	0.065	<20	1.43	0.040	0.19	0.9	<0.01	2.2	0.3	0.18	5	<0.5	<0.2
W811384	Reverse	0.072	17	10	0.47	154	0.022	<20	1.41	0.041	0.33	0.5	<0.01	2.4	0.5	1.05	6	<0.5	0.6
W811385	Reverse	0.075	17	10	0.69	101	0.016	<20	1.43	0.030	0.28	0.3	<0.01	2.2	0.3	0.35	5	<0.5	<0.2
W811386	Reverse	0.072	19	11	0.71	101	0.032	<20	1.71	0.036	0.36	0.3	<0.01	2.7	0.5	0.34	6	<0.5	0.3
W811387	Reverse	0.070	14	10	0.60	52	0.075	<20	1.43	0.045	0.22	0.6	<0.01	2.5	0.4	0.06	5	<0.5	<0.2
W811388	Reverse	0.073	15	13	0.62	81	0.089	<20	1.36	0.051	0.26	1.0	<0.01	2.9	0.4	0.08	5	<0.5	<0.2
W811389	Reverse	0.068	19	16	0.67	63	0.110	<20	1.17	0.062	0.16	1.3	<0.01	2.7	0.3	0.15	5	<0.5	<0.2

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Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811390	Reverse	2.53	0.019	2.3	10.0	6.7	40	0.2	4.4	5.0	465	2.30	18.6	6.3	13.0	43	0.1	4.2	0.6	31	1.00
W811391	Reverse	2.24	0.088	2.0	26.8	7.7	40	0.4	5.0	8.9	442	2.15	25.8	24.0	13.6	53	<0.1	2.9	1.2	30	1.07
W811392	Reverse	2.60	0.135	2.5	200.1	28.4	48	11.6	4.9	13.2	541	2.58	35.8	29.8	13.4	41	0.2	3.4	104.5	29	1.25
W811393	Reverse	2.04	0.013	2.3	24.5	6.5	44	0.7	4.4	5.5	502	2.26	11.9	6.1	13.3	32	<0.1	2.2	4.2	28	1.27
W811394	Reverse	2.51	0.016	2.6	27.3	10.1	45	0.7	4.9	5.2	485	2.59	23.8	3.6	12.3	40	<0.1	2.7	2.8	38	1.04
W811395	Reverse	1.51	0.007	3.0	14.3	7.7	36	0.2	5.2	6.0	462	2.51	26.5	1.2	17.3	34	0.1	2.5	1.0	40	0.81
W811396	Reverse	2.39	0.038	2.8	13.7	12.6	41	0.3	4.9	10.4	475	2.42	61.0	5.2	14.7	37	0.2	3.3	1.0	36	0.97
W811397	Reverse	2.50	0.016	2.8	16.0	11.9	41	0.3	4.9	7.1	426	2.21	34.9	2.2	15.2	36	0.2	3.1	0.7	34	0.89
W811398	Reverse	2.60	0.007	1.7	5.3	5.2	44	0.1	4.3	5.7	529	2.31	16.9	4.8	12.8	31	<0.1	1.9	0.5	29	1.02
W811399	Reverse	1.99	<0.005	2.4	5.6	7.8	45	0.1	4.6	5.2	503	2.28	10.8	<0.5	13.9	35	<0.1	2.0	0.3	31	1.14
W811400	Reverse	2.29	0.010	2.8	3.0	10.2	44	0.1	4.6	6.1	487	2.44	36.0	2.1	12.3	51	0.1	1.9	0.4	25	1.02
W811401	Reverse	3.25	0.016	1.9	2.9	8.4	42	0.2	4.1	8.5	441	2.20	54.5	7.2	13.3	55	<0.1	1.8	0.8	24	0.82
W811401	Rock DUP		0.013	1.9	2.8	7.9	39	0.2	4.2	8.4	427	2.18	53.5	8.1	12.4	52	<0.1	1.7	0.7	25	0.82
W811402	Reverse	1.61	0.016	3.9	8.3	7.3	51	0.2	6.4	9.2	544	2.64	29.6	7.4	11.5	67	0.1	2.8	0.4	38	0.91
W811403	Reverse	1.59	0.007	1.5	2.7	4.6	38	<0.1	4.4	5.2	429	1.97	11.1	1.5	12.0	36	<0.1	2.2	0.2	28	0.68
W811404	Reverse	1.98	0.005	1.5	1.9	4.8	36	<0.1	4.7	4.4	442	2.03	8.6	1.5	11.1	38	<0.1	2.4	0.2	27	0.74
W811405	Reverse	2.46	0.006	1.8	1.9	5.2	37	<0.1	4.8	3.2	446	2.02	7.8	1.3	11.5	36	<0.1	2.6	0.3	31	0.86
W811406	Reverse	2.06	0.016	1.5	6.9	5.3	37	0.1	4.6	5.0	446	2.25	13.2	2.0	12.2	35	<0.1	2.1	0.3	39	0.86
W811407	Reverse	1.80	0.005	1.5	5.0	5.8	38	0.1	4.3	4.2	446	2.14	11.2	1.2	12.5	39	<0.1	2.1	0.3	35	0.87
W811408	Reverse	2.37	0.007	1.2	2.4	6.7	39	0.1	4.3	8.5	448	2.16	16.6	1.9	12.2	47	<0.1	2.2	0.4	36	0.88
W811409	Reverse	2.02	0.010	1.3	14.9	6.2	38	0.2	4.8	9.9	467	2.30	16.3	1.9	12.7	48	<0.1	2.0	0.7	42	0.99
W811410	Reverse	2.01	0.006	1.8	3.6	6.4	37	<0.1	5.0	11.7	436	2.19	14.1	1.7	11.8	50	<0.1	1.8	0.3	40	0.89
W811411	Reverse	2.09	0.005	1.4	2.0	6.3	38	<0.1	4.7	6.1	462	2.12	9.4	1.0	11.3	49	<0.1	2.0	0.2	35	0.97
W811412	Reverse	2.93	<0.005	1.6	1.9	5.7	34	<0.1	5.0	2.6	439	1.92	4.7	<0.5	11.1	44	<0.1	1.7	<0.1	33	0.91
W811413	Reverse	2.12	0.006	2.2	2.9	6.9	34	<0.1	5.1	5.4	424	1.98	8.0	2.4	13.0	64	<0.1	1.8	0.3	33	1.01
W811414	Reverse	2.06	0.006	1.7	2.2	5.5	39	<0.1	5.0	9.1	492	2.27	12.5	1.5	12.3	76	<0.1	2.1	0.2	39	1.23
W811415	Reverse	2.26	0.005	2.7	4.5	5.3	38	<0.1	5.6	9.9	480	2.34	12.8	1.0	12.2	68	<0.1	2.4	0.3	40	1.08
W811416	Reverse	1.95	0.014	2.3	6.2	4.2	39	<0.1	5.2	8.9	460	2.25	12.1	1.3	11.8	86	<0.1	2.4	0.4	41	1.02
W811417	Reverse	1.68	0.006	2.5	4.7	3.5	39	<0.1	5.4	8.5	453	2.25	11.0	0.6	12.0	42	<0.1	2.8	0.2	38	0.90
W811418	Reverse	2.14	<0.005	2.2	2.4	3.5	39	<0.1	4.9	6.3	460	2.29	10.4	3.0	10.9	48	<0.1	2.5	0.1	34	0.99

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811390	Reverse	0.065	13	17	0.66	58	0.110	<20	1.24	0.064	0.18	1.2	<0.01	2.6	0.3	0.11	5	<0.5	<0.2
W811391	Reverse	0.071	12	16	0.63	59	0.076	<20	1.33	0.052	0.20	1.2	<0.01	2.9	0.3	0.16	5	<0.5	<0.2
W811392	Reverse	0.070	14	16	0.67	60	0.079	<20	1.34	0.051	0.20	1.5	<0.01	2.6	0.3	0.28	5	<0.5	0.3
W811393	Reverse	0.070	12	18	0.63	55	0.084	<20	1.24	0.053	0.20	1.7	<0.01	2.7	0.3	0.08	5	<0.5	<0.2
W811394	Reverse	0.069	14	20	0.66	64	0.109	<20	1.35	0.076	0.20	1.6	<0.01	3.2	0.3	0.13	5	<0.5	<0.2
W811395	Reverse	0.071	22	21	0.64	96	0.120	<20	1.21	0.080	0.17	1.9	<0.01	3.3	0.3	0.12	5	<0.5	<0.2
W811396	Reverse	0.065	19	20	0.66	77	0.112	<20	1.28	0.077	0.16	1.7	<0.01	3.1	0.2	0.20	5	<0.5	<0.2
W811397	Reverse	0.067	20	20	0.60	57	0.110	<20	1.14	0.059	0.12	1.9	<0.01	2.8	0.2	0.15	5	<0.5	<0.2
W811398	Reverse	0.063	13	15	0.74	62	0.076	<20	1.47	0.055	0.22	1.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
W811399	Reverse	0.066	14	18	0.69	48	0.079	<20	1.32	0.051	0.16	0.9	<0.01	2.7	0.3	0.06	5	<0.5	<0.2
W811400	Reverse	0.065	12	18	0.74	71	0.063	<20	1.38	0.051	0.22	0.6	<0.01	2.3	0.3	0.30	5	<0.5	<0.2
W811401	Reverse	0.076	11	12	0.64	66	0.049	<20	1.41	0.043	0.25	0.4	<0.01	2.3	0.4	0.19	4	<0.5	<0.2
W811401	Rock DUP	0.070	11	12	0.63	64	0.048	<20	1.46	0.045	0.25	0.4	<0.01	2.2	0.4	0.19	4	<0.5	<0.2
W811402	Reverse	0.091	9	20	0.95	39	0.083	<20	1.62	0.056	0.17	1.7	<0.01	3.1	0.3	0.10	6	<0.5	<0.2
W811403	Reverse	0.062	9	12	0.70	40	0.064	<20	1.33	0.055	0.16	0.5	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
W811404	Reverse	0.059	9	13	0.72	42	0.077	<20	1.37	0.059	0.16	0.4	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
W811405	Reverse	0.059	9	14	0.70	37	0.088	<20	1.27	0.053	0.13	0.8	<0.01	2.1	0.2	<0.05	5	<0.5	<0.2
W811406	Reverse	0.061	14	13	0.74	49	0.108	<20	1.25	0.064	0.14	0.9	<0.01	2.7	0.2	0.08	5	<0.5	<0.2
W811407	Reverse	0.059	14	12	0.76	42	0.101	<20	1.27	0.064	0.14	0.8	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
W811408	Reverse	0.060	14	11	0.77	42	0.108	<20	1.34	0.070	0.15	0.9	<0.01	2.2	0.2	0.08	5	<0.5	<0.2
W811409	Reverse	0.063	18	12	0.82	55	0.117	<20	1.43	0.069	0.14	0.9	<0.01	2.8	0.2	0.09	5	<0.5	<0.2
W811410	Reverse	0.063	15	15	0.76	74	0.119	<20	1.39	0.062	0.17	0.9	<0.01	2.7	0.2	0.07	5	<0.5	<0.2
W811411	Reverse	0.063	12	13	0.78	43	0.102	<20	1.39	0.062	0.15	0.8	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
W811412	Reverse	0.067	11	15	0.70	40	0.095	<20	1.34	0.065	0.15	0.8	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
W811413	Reverse	0.065	14	16	0.69	55	0.087	<20	1.36	0.049	0.13	1.1	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
W811414	Reverse	0.067	16	14	0.78	77	0.107	<20	1.50	0.056	0.16	0.7	<0.01	2.7	0.2	0.07	5	<0.5	<0.2
W811415	Reverse	0.065	17	19	0.78	101	0.119	<20	1.32	0.058	0.21	1.7	<0.01	2.9	0.2	0.07	5	<0.5	<0.2
W811416	Reverse	0.066	16	17	0.76	100	0.122	<20	1.29	0.055	0.20	1.3	<0.01	2.9	0.3	0.07	5	<0.5	<0.2
W811417	Reverse	0.063	17	18	0.77	76	0.118	<20	1.23	0.056	0.17	1.3	<0.01	2.6	0.2	0.06	5	<0.5	<0.2
W811418	Reverse	0.062	14	16	0.75	50	0.106	<20	1.34	0.057	0.17	1.0	<0.01	2.1	0.2	0.08	5	<0.5	<0.2

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811419	Reverse	2.17	0.012	2.0	2.2	4.1	40	<0.1	4.8	6.6	476	2.37	13.2	1.3	10.4	47	<0.1	2.5	0.2	33	0.98
W811420	Reverse	2.12	0.011	2.2	2.6	5.6	40	<0.1	4.5	6.7	469	2.29	12.4	1.5	10.2	31	<0.1	2.6	0.3	31	0.87
W811421	Reverse	2.32	0.013	2.2	6.8	5.0	41	0.1	4.9	5.7	461	2.65	8.2	1.4	11.4	38	<0.1	2.3	0.3	43	0.83
W811422	Reverse	1.76	<0.005	2.5	12.6	5.1	37	0.3	5.1	6.1	452	2.57	6.8	0.7	11.1	57	<0.1	1.4	1.2	46	0.90
W811423	Reverse	1.89	0.009	2.2	18.7	4.2	36	0.2	4.8	5.4	437	2.59	5.4	<0.5	11.7	58	<0.1	1.2	0.9	48	0.77
W811424	Reverse	2.18	0.010	2.3	48.5	6.0	37	0.6	5.2	6.9	452	2.60	7.5	1.6	11.5	45	0.1	1.3	4.6	50	0.83
W811425	Reverse	1.52	0.078	2.1	309.4	31.3	38	7.1	4.9	12.2	461	2.54	14.6	5.8	12.1	39	0.5	2.1	48.5	40	1.01
W811426	Reverse	2.02	0.007	2.3	64.3	9.8	37	1.5	5.2	7.3	446	2.44	10.8	1.6	12.2	37	0.2	1.6	9.4	42	0.90
W811427	Reverse	2.02	0.009	2.3	32.2	6.9	37	0.7	5.2	9.1	471	2.48	12.7	0.9	11.9	41	0.1	1.6	3.9	42	1.05
W811428	Reverse	1.89	<0.005	2.6	5.9	4.4	36	0.1	5.1	6.1	456	2.42	7.3	<0.5	11.6	42	<0.1	1.0	0.6	47	0.89
W811429	Reverse	2.19	0.006	2.6	4.7	4.5	35	0.1	5.1	6.3	461	2.41	8.7	<0.5	10.9	52	<0.1	1.1	0.4	46	0.91
W811430	Reverse	2.34	0.007	2.7	3.7	4.3	33	<0.1	4.9	5.9	440	2.22	10.2	1.0	9.9	51	<0.1	1.6	0.4	40	1.04
W811431	Reverse	2.29	0.007	2.5	3.0	4.0	34	<0.1	5.0	8.2	440	2.27	12.1	0.8	15.5	76	<0.1	1.3	0.3	42	1.00

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000063.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811419	Reverse	0.062	13	15	0.76	35	0.095	<20	1.43	0.063	0.16	1.0	<0.01	1.9	0.2	0.17	5	<0.5	<0.2
W811420	Reverse	0.057	11	15	0.71	49	0.094	<20	1.29	0.065	0.22	1.0	<0.01	1.9	0.3	0.17	5	<0.5	<0.2
W811421	Reverse	0.061	18	17	0.79	112	0.126	<20	1.36	0.067	0.29	0.9	<0.01	2.9	0.4	0.06	6	<0.5	<0.2
W811422	Reverse	0.062	19	19	0.79	243	0.158	<20	1.36	0.084	0.42	1.0	<0.01	3.3	0.6	<0.05	6	<0.5	<0.2
W811423	Reverse	0.060	21	17	0.75	269	0.158	<20	1.29	0.083	0.45	0.9	<0.01	3.5	0.6	<0.05	5	<0.5	<0.2
W811424	Reverse	0.065	18	18	0.80	228	0.153	<20	1.30	0.074	0.40	1.1	<0.01	3.9	0.5	<0.05	5	<0.5	<0.2
W811425	Reverse	0.065	15	15	0.78	72	0.112	<20	1.37	0.053	0.22	1.7	<0.01	2.7	0.4	0.17	6	<0.5	<0.2
W811426	Reverse	0.067	17	17	0.75	116	0.126	<20	1.27	0.062	0.31	1.4	<0.01	2.9	0.5	0.08	5	<0.5	<0.2
W811427	Reverse	0.066	16	17	0.77	155	0.132	<20	1.39	0.070	0.34	0.9	<0.01	2.8	0.5	0.12	5	<0.5	<0.2
W811428	Reverse	0.066	21	19	0.72	233	0.148	<20	1.20	0.075	0.39	1.5	<0.01	3.3	0.5	0.05	5	<0.5	<0.2
W811429	Reverse	0.065	19	19	0.75	239	0.148	<20	1.25	0.077	0.39	1.1	<0.01	3.2	0.5	0.08	5	<0.5	<0.2
W811430	Reverse	0.062	17	18	0.72	142	0.118	<20	1.35	0.063	0.28	1.0	<0.01	2.7	0.4	0.07	5	<0.5	<0.2
W811431	Reverse	0.060	18	19	0.74	201	0.132	<20	1.34	0.067	0.35	1.1	<0.01	3.2	0.4	0.11	5	<0.5	<0.2

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QUALITY CONTROL REPORT WHI19000063.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
W811323	Reverse Circ	2.60	0.030	2.0	60.7	14.9	39	0.6	4.3	7.7	416	2.21	23.0	11.0	15.1	46	0.2	2.8	15.1	33	0.68
REP W811323	QC			2.0	61.0	14.7	40	0.6	4.4	7.7	419	2.20	22.9	319.0	14.8	46	0.2	2.9	15.4	33	0.68
W811357	Reverse Circ	2.51	0.015	2.9	39.4	10.9	46	0.5	5.2	6.0	455	2.76	14.5	16.5	14.9	32	0.2	1.7	3.9	40	0.74
REP W811357	QC			2.9	39.9	10.6	44	0.5	5.2	5.7	470	2.78	13.9	2.5	15.0	30	0.2	1.6	3.9	40	0.73
REP W811368	QC		0.021																		
W811371	Reverse Circ	1.81	0.007	1.0	3.4	7.6	23	0.1	1.6	1.2	346	0.90	5.4	0.9	6.0	58	<0.1	0.5	1.4	2	1.64
REP W811371	QC		0.006																		
W811392	Reverse Circ	2.60	0.135	2.5	200.1	28.4	48	11.6	4.9	13.2	541	2.58	35.8	29.8	13.4	41	0.2	3.4	104.5	29	1.25
REP W811392	QC			2.4	198.1	28.0	47	11.6	4.6	13.4	548	2.59	36.5	34.3	13.4	41	0.2	3.3	103.9	29	1.25
W811422	Reverse Circ	1.76	<0.005	2.5	12.6	5.1	37	0.3	5.1	6.1	452	2.57	6.8	0.7	11.1	57	<0.1	1.4	1.2	46	0.90
REP W811422	QC			2.4	12.1	5.1	36	0.2	5.0	6.0	448	2.56	6.7	<0.5	11.2	57	<0.1	1.4	1.2	46	0.89
W811427	Reverse Circ	2.02	0.009	2.3	32.2	6.9	37	0.7	5.2	9.1	471	2.48	12.7	0.9	11.9	41	0.1	1.6	3.9	42	1.05
REP W811427	QC		0.007																		
W811430	Reverse Circ	2.34	0.007	2.7	3.7	4.3	33	<0.1	4.9	5.9	440	2.22	10.2	1.0	9.9	51	<0.1	1.6	0.4	40	1.04
REP W811430	QC		0.007																		
Core Reject Duplicates																					
W811335	Reverse Circ	2.54	0.060	6.3	36.4	20.1	41	0.8	5.0	7.0	417	2.73	41.5	34.3	14.1	30	0.2	2.5	7.9	38	0.69
DUP W811335	QC		0.054	6.7	37.9	21.4	44	0.9	4.8	7.2	434	2.87	43.6	35.2	14.4	33	0.2	2.7	8.4	39	0.72
W811368	Reverse Circ	2.84	0.022	1.4	22.4	26.5	37	0.7	7.0	5.7	489	1.84	18.5	60.7	11.5	27	0.2	1.0	15.7	16	0.51
DUP W811368	QC		0.014	1.2	21.6	30.5	35	0.5	6.4	5.2	454	1.69	18.2	5.7	10.7	24	0.2	1.1	9.3	15	0.49
W811401	Rock DUP		0.013	1.9	2.8	7.9	39	0.2	4.2	8.4	427	2.18	53.5	8.1	12.4	52	<0.1	1.7	0.7	25	0.82
DUP W811401	QC		0.014	1.7	2.9	8.3	40	0.2	3.9	8.0	428	2.16	52.3	6.7	12.3	53	<0.1	1.8	0.7	25	0.83
Reference Materials																					
STD BVGEO01	Standard			11.0	4405.1	191.6	1809	2.5	160.8	25.1	743	3.62	114.7	213.8	14.7	55	6.4	2.3	24.0	70	1.28
STD BVGEO01	Standard			10.2	4403.3	184.2	1796	2.3	155.4	24.1	719	3.56	109.0	186.7	11.7	53	6.3	2.7	21.8	71	1.36
STD DS11	Standard			15.7	152.8	145.7	345	1.7	79.5	13.6	1065	3.21	42.7	102.9	8.0	67	2.6	7.2	12.3	47	1.06
STD DS11	Standard			14.6	153.0	149.0	347	2.0	81.0	14.3	1043	3.13	42.9	347.0	8.5	68	2.4	6.4	12.1	48	1.09
STD DS11	Standard			13.9	152.8	139.0	349	1.9	77.5	13.9	1002	3.11	44.9	49.8	8.5	65	2.2	8.5	13.0	50	1.03

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Client: **Michelin Mining Corp.**
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000063.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
W811323	Reverse Circ	0.069	16	16	0.70	47	0.107	<20	1.24	0.038	0.13	1.8	<0.01	2.4	0.2	0.22	5	<0.5	0.2
REP W811323	QC	0.072	16	16	0.70	48	0.110	<20	1.24	0.039	0.12	1.8	<0.01	2.4	0.2	0.22	5	<0.5	0.2
W811357	Reverse Circ	0.072	21	23	0.69	72	0.124	<20	1.18	0.051	0.18	2.4	<0.01	3.0	0.3	0.21	5	<0.5	<0.2
REP W811357	QC	0.070	20	21	0.70	70	0.111	<20	1.19	0.052	0.18	2.3	<0.01	2.7	0.3	0.21	5	<0.5	<0.2
REP W811368	QC																		
W811371	Reverse Circ	0.052	29	5	0.20	120	0.004	<20	0.75	0.033	0.30	0.4	<0.01	0.6	0.3	<0.05	3	<0.5	<0.2
REP W811371	QC																		
W811392	Reverse Circ	0.070	14	16	0.67	60	0.079	<20	1.34	0.051	0.20	1.5	<0.01	2.6	0.3	0.28	5	<0.5	0.3
REP W811392	QC	0.070	14	16	0.67	61	0.080	<20	1.35	0.051	0.20	1.5	<0.01	2.7	0.3	0.28	6	<0.5	0.3
W811422	Reverse Circ	0.062	19	19	0.79	243	0.158	<20	1.36	0.084	0.42	1.0	<0.01	3.3	0.6	<0.05	6	<0.5	<0.2
REP W811422	QC	0.060	20	19	0.77	242	0.155	<20	1.34	0.081	0.42	1.0	<0.01	3.2	0.6	<0.05	6	<0.5	<0.2
W811427	Reverse Circ	0.066	16	17	0.77	155	0.132	<20	1.39	0.070	0.34	0.9	<0.01	2.8	0.5	0.12	5	<0.5	<0.2
REP W811427	QC																		
W811430	Reverse Circ	0.062	17	18	0.72	142	0.118	<20	1.35	0.063	0.28	1.0	<0.01	2.7	0.4	0.07	5	<0.5	<0.2
REP W811430	QC																		
Core Reject Duplicates																			
W811335	Reverse Circ	0.065	21	20	0.73	127	0.120	<20	1.08	0.051	0.19	2.6	<0.01	2.6	0.3	0.84	5	<0.5	0.5
DUP W811335	QC	0.064	21	20	0.77	137	0.125	<20	1.17	0.058	0.21	2.7	<0.01	2.8	0.3	0.86	5	<0.5	0.5
W811368	Reverse Circ	0.060	22	10	0.35	99	0.018	<20	1.01	0.029	0.22	0.8	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
DUP W811368	QC	0.057	21	8	0.33	98	0.015	<20	0.94	0.029	0.21	0.8	<0.01	1.3	0.2	<0.05	3	<0.5	<0.2
W811401	Rock DUP	0.070	11	12	0.63	64	0.048	<20	1.46	0.045	0.25	0.4	<0.01	2.2	0.4	0.19	4	<0.5	<0.2
DUP W811401	QC	0.068	11	12	0.64	66	0.048	<20	1.44	0.044	0.25	0.4	<0.01	2.2	0.4	0.18	4	<0.5	<0.2
Reference Materials																			
STD BVGEO01	Standard	0.079	27	170	1.31	343	0.237	<20	2.28	0.179	0.88	3.8	0.10	6.0	0.6	0.64	7	5.0	1.0
STD BVGEO01	Standard	0.068	22	163	1.29	294	0.232	<20	2.31	0.185	0.85	3.7	0.08	5.3	0.6	0.64	7	4.6	0.9
STD DS11	Standard	0.076	19	61	0.87	435	0.090	<20	1.17	0.070	0.40	3.4	0.26	3.4	5.2	0.27	5	2.0	4.9
STD DS11	Standard	0.075	20	62	0.86	455	0.095	<20	1.23	0.074	0.41	2.9	0.27	3.4	5.7	0.28	5	2.4	4.8
STD DS11	Standard	0.066	18	59	0.83	405	0.092	<20	1.16	0.071	0.40	2.2	0.26	3.0	4.9	0.27	5	1.7	4.5

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Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000063.1

		WGHT Wgt kg 0.01	FA430 Au ppm 0.005	AQ200 Mo ppm 0.1	AQ200 Cu ppm 0.1	AQ200 Pb ppm 0.1	AQ200 Zn ppm 1	AQ200 Ag ppm 0.1	AQ200 Ni ppm 0.1	AQ200 Co ppm 0.1	AQ200 Mn ppm 1	AQ200 Fe % 0.01	AQ200 As ppm 0.5	AQ200 Au ppb 0.5	AQ200 Th ppm 0.1	AQ200 Sr ppm 1	AQ200 Cd ppm 0.1	AQ200 Sb ppm 0.1	AQ200 Bi ppm 0.1	AQ200 V ppm 1	AQ200 Ca % 0.01
STD OREAS262	Standard			0.6	112.9	56.2	143	0.5	61.9	27.7	530	3.18	35.0	53.5	9.1	34	0.6	2.0	1.0	21	3.09
STD OREAS262	Standard			0.7	119.8	59.1	160	0.5	64.7	27.4	561	3.35	37.7	62.2	9.4	36	0.7	2.6	1.1	21	3.21
STD OREAS262	Standard			0.6	114.8	58.8	149	0.5	64.5	28.2	550	3.33	36.9	63.9	9.5	36	0.7	1.9	1.1	23	3.03
STD OREAS256	Standard		7.673																		
STD OREAS263	Standard		0.216																		
STD OREAS253	Standard		1.220																		
STD OREAS262	Standard			0.6	110.0	50.9	137	0.4	62.7	26.2	524	3.12	33.6	57.3	7.5	33	0.6	3.5	0.9	20	2.97
STD OREAS262	Standard			0.9	116.9	56.1	145	0.4	69.3	26.2	524	3.22	36.3	62.8	9.9	35	0.7	3.3	1.1	22	2.94
STD OXC145	Standard		0.216																		
STD OXC145	Standard		0.216																		
STD OXH139	Standard		1.340																		
STD OXH139	Standard		1.342																		
STD OXN134	Standard		7.762																		
STD OXN134	Standard		<0.005																		
STD OREAS256 Expected			7.66																		
STD OREAS263 Expected			0.21																		
STD OREAS253 Expected			1.22																		
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD DS11 Expected				13.9	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected				0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	3.39	1.03	22.5	2.98
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		0.005																		
BLK	Blank		<0.005																		
BLK	Blank		0.005																		

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Client: **Michelin Mining Corp.**
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Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000063.1

		AQ200 P % 0.001	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
STD OREAS262	Standard	0.039	16	41	1.17	258	0.003	<20	1.25	0.066	0.30	<0.1	0.16	3.3	0.5	0.25	4	0.5	0.2
STD OREAS262	Standard	0.044	18	43	1.21	266	0.003	<20	1.28	0.070	0.31	0.1	0.17	3.5	0.5	0.26	4	<0.5	0.2
STD OREAS262	Standard	0.047	19	47	1.21	279	0.003	<20	1.45	0.071	0.35	<0.1	0.17	3.6	0.5	0.26	4	<0.5	0.2
STD OREAS256	Standard																		
STD OREAS263	Standard																		
STD OREAS253	Standard																		
STD OREAS262	Standard	0.035	13	40	1.15	241	0.003	<20	1.17	0.067	0.29	0.1	0.14	2.8	0.4	0.24	4	<0.5	0.2
STD OREAS262	Standard	0.038	16	52	1.14	245	0.003	<20	1.23	0.066	0.30	0.1	0.18	3.1	0.4	0.25	4	<0.5	<0.2
STD OXC145	Standard																		
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OREAS256 Expected																			
STD OREAS263 Expected																			
STD OREAS253 Expected																			
STD BVGEO01 Expected		0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	0.26	3.1	4.9	0.2835	4.7	2.2	4.56
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.003		1.204	0.071	0.312	0.13	0.17	3.24	0.47	0.253	3.73	0.4	0.23
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		

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QUALITY CONTROL REPORT WHI19000063.1

		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
BLK	Blank		0.006																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.014	0.7	1.9	1.5	29	<0.1	0.6	3.7	476	1.87	0.9	3.9	2.3	27	<0.1	<0.1	<0.1	25	0.67
ROCK-WHI	Prep Blank		<0.005	0.8	1.6	1.3	29	<0.1	0.6	3.5	476	1.80	1.1	<0.5	2.3	22	<0.1	<0.1	<0.1	25	0.67

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Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000063.1

		AQ200 P % 0.001	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-WHI	Prep Blank	0.046	7	2	0.46	56	0.094	<20	0.94	0.089	0.09	0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.044	7	2	0.43	62	0.086	<20	0.91	0.081	0.09	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2

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Submitted By: Ken
Receiving Lab: Canada-Whitehorse
Received: June 20, 2019
Report Date: August 07, 2019
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI19000065.1

CLIENT JOB INFORMATION

Project:	Rude Creek
Shipment ID:	001
P.O. Number	
Number of Samples:	71

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	68	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA430	71	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	71	Environmental disposal charge-Fire assay lead waste			VAN
AQ200	71	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SLBHP	2	Sort, label and box pulps			WHI
SHP01	71	Per sample shipping charges for branch shipments			VAN
SPTRF	1	Split samples by riffle splitter			WHI

ADDITIONAL COMMENTS

Invoice To: Michelin Mining Corp.
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Michelin Mining Corp.**
c/o Pacific Opportunity Capital Ltd.
Suite 410-325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000065.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811432	Reverse	1.86	0.006	2.6	2.6	4.1	36	<0.1	5.6	9.0	469	2.51	13.3	1.3	12.7	72	<0.1	1.6	0.2	47	1.07
W811433	Rock Pulp	0.27	3.852	28.3	79.3	22.8	139	1.5	83.4	7.6	324	3.03	761.7	27.1	1.7	34	2.1	9.8	4.3	69	2.29
W811434	Reverse	4.06	0.009	1.5	46.2	42.1	46	0.7	11.7	10.4	800	3.34	142.3	3.6	11.4	15	0.9	1.3	1.0	24	0.46
W811435	Reverse	3.76	0.012	1.6	62.3	47.0	54	0.8	10.7	18.4	819	3.93	349.8	11.0	11.8	41	0.9	1.5	2.3	33	0.68
W811436	Reverse	2.08	0.007	0.6	9.1	9.4	46	0.1	6.6	9.8	731	2.70	24.4	1.7	10.4	88	0.2	1.7	0.2	36	1.67
W811437	Reverse	2.95	0.012	0.8	30.9	17.7	49	0.6	9.4	16.3	764	3.07	66.6	6.2	10.5	164	0.3	2.3	1.8	36	1.34
W811438	Reverse	3.00	0.009	0.9	26.8	6.8	45	0.4	7.2	11.3	799	3.33	28.6	4.3	9.0	227	0.2	1.7	1.2	40	1.47
W811439	Reverse	2.55	0.007	1.1	12.8	14.0	44	0.2	6.7	8.5	670	2.73	14.2	0.9	10.2	36	0.2	1.7	0.3	42	1.12
W811440	Reverse	2.59	<0.005	1.2	8.7	11.3	51	0.1	7.9	8.1	801	3.66	8.6	0.7	11.3	42	0.2	0.9	0.3	64	1.04
W811441	Reverse	2.60	0.005	1.1	11.5	13.0	48	0.2	7.4	9.0	788	3.38	13.4	1.5	11.0	47	0.4	0.8	0.5	59	1.05
W811442	Reverse	2.54	0.023	4.0	20.9	117.9	150	0.4	9.3	11.5	870	3.48	26.4	103.4	11.0	61	1.2	0.6	0.6	61	1.99
W811443	Reverse	2.62	0.009	1.0	36.3	33.1	51	0.5	8.1	9.5	854	3.43	45.1	3.8	9.6	22	0.7	1.1	0.7	39	1.01
W811444	Reverse	2.61	0.005	0.9	9.0	11.9	46	0.1	7.2	7.6	835	3.29	14.4	1.9	14.7	23	0.3	0.8	0.4	46	1.22
W811445	Reverse	2.84	0.006	0.8	5.3	12.8	45	0.2	7.4	10.3	1098	3.49	19.7	2.4	9.9	24	0.2	0.6	0.5	40	1.84
W811446	Reverse	2.44	<0.005	1.4	8.9	13.3	48	<0.1	7.5	8.1	715	3.42	6.1	0.7	12.0	85	0.2	0.8	0.3	61	1.07
W811447	Reverse	2.56	0.008	1.3	4.1	6.3	44	<0.1	8.1	13.4	755	3.21	18.6	4.3	10.8	24	0.1	1.1	0.3	44	1.22
W811448	Reverse	2.51	<0.005	1.7	4.6	6.6	49	<0.1	8.1	8.2	698	3.49	5.5	<0.5	10.6	53	0.1	1.0	0.4	62	1.03
W811449	Reverse	2.66	<0.005	1.5	4.4	8.2	45	<0.1	8.2	9.1	699	3.20	7.5	<0.5	9.4	55	0.1	0.9	<0.1	51	0.90
W811450	Reverse	2.25	<0.005	1.5	6.2	7.4	49	<0.1	8.3	8.8	762	3.45	6.3	0.5	11.2	89	0.1	1.1	0.2	53	1.04
W811451	Reverse	2.60	0.007	1.3	24.9	13.2	84	0.3	10.0	14.1	888	3.72	17.6	1.7	10.6	53	1.2	1.0	0.8	51	1.54
W811452	Reverse	2.52	0.007	1.3	14.2	7.4	48	0.2	7.9	9.8	786	3.23	14.3	2.1	12.6	44	0.2	0.9	0.6	47	1.55
W811453	Reverse	2.41	0.006	1.6	12.5	8.8	51	0.1	8.3	8.7	814	3.51	8.1	0.9	17.3	42	0.2	1.1	0.4	56	1.23
W811454	Reverse	2.55	0.007	1.2	15.4	17.5	56	0.3	8.6	9.4	872	3.29	21.1	2.9	12.5	32	0.4	0.7	0.7	49	1.33
W811455	Reverse	2.78	0.015	8.4	162.6	166.6	157	2.5	7.9	13.9	1108	3.89	105.8	9.1	12.0	28	2.0	0.5	5.2	41	1.48
W811456	Reverse	2.46	0.013	3.1	141.5	257.3	255	2.0	7.7	13.0	1041	3.25	133.9	7.9	12.7	24	3.3	0.6	3.2	20	2.42
W811457	Reverse	1.91	0.025	16.5	158.3	209.1	70	4.0	10.0	13.6	994	3.56	111.9	19.7	11.3	27	1.6	0.8	6.7	35	1.96
W811458	Reverse	1.91	0.007	1.3	37.1	22.8	52	0.4	8.1	9.1	825	3.11	12.6	2.2	12.1	29	0.6	0.9	0.8	49	1.63
W811459	Reverse	2.47	0.006	1.4	18.4	10.4	47	0.2	7.8	8.4	763	3.51	7.1	0.9	9.7	47	0.1	0.7	0.9	63	1.84
W811460	Reverse	2.65	0.005	1.7	20.7	6.6	45	0.2	7.7	8.3	664	3.37	4.7	0.9	10.5	44	0.1	0.7	0.3	63	1.11
W811461	Reverse	2.76	<0.005	1.7	11.0	7.5	43	0.1	7.4	8.1	729	3.14	4.8	0.8	11.1	41	0.1	0.7	0.3	58	1.38

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Project: Rude Creek
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	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811432	Reverse	0.064	19	19	0.80	201	0.153	<20	1.47	0.084	0.37	1.1	<0.01	3.5	0.4	0.12	6	<0.5	<0.2
W811433	Rock Pulp	0.085	2	21	0.93	207	0.001	<20	0.40	0.003	0.23	1.7	5.21	2.9	2.3	2.05	1	6.5	0.9
W811434	Reverse	0.064	19	8	0.41	133	0.004	<20	1.73	0.021	0.33	0.2	0.03	2.9	0.3	<0.05	5	<0.5	<0.2
W811435	Reverse	0.071	20	10	0.47	109	0.014	<20	2.05	0.022	0.37	0.3	0.02	3.4	0.4	<0.05	6	<0.5	0.8
W811436	Reverse	0.070	9	11	0.50	96	0.080	<20	1.88	0.058	0.22	0.6	0.01	2.6	0.2	<0.05	6	<0.5	<0.2
W811437	Reverse	0.065	8	10	0.54	175	0.065	<20	2.04	0.065	0.23	0.5	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
W811438	Reverse	0.071	8	11	0.64	179	0.100	<20	2.24	0.074	0.25	0.6	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
W811439	Reverse	0.073	9	14	0.57	83	0.106	<20	1.58	0.066	0.20	0.8	<0.01	3.1	0.2	0.06	6	<0.5	<0.2
W811440	Reverse	0.074	18	18	0.96	113	0.136	<20	1.97	0.076	0.17	0.7	<0.01	5.0	0.1	<0.05	7	<0.5	<0.2
W811441	Reverse	0.071	15	17	0.84	153	0.098	<20	1.89	0.069	0.23	0.4	<0.01	4.9	0.2	<0.05	7	<0.5	<0.2
W811442	Reverse	0.073	16	20	0.80	103	0.053	<20	1.87	0.054	0.20	0.3	<0.01	5.0	0.2	<0.05	7	<0.5	<0.2
W811443	Reverse	0.068	12	13	0.62	71	0.037	<20	1.82	0.041	0.22	0.2	<0.01	3.4	0.2	<0.05	7	<0.5	<0.2
W811444	Reverse	0.071	25	15	0.71	79	0.019	<20	1.75	0.042	0.20	<0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
W811445	Reverse	0.073	18	13	0.82	61	0.003	<20	2.01	0.029	0.20	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
W811446	Reverse	0.069	20	18	0.88	207	0.124	<20	1.81	0.081	0.24	0.5	<0.01	4.5	0.2	<0.05	7	<0.5	<0.2
W811447	Reverse	0.072	11	18	0.77	54	0.092	<20	1.74	0.052	0.17	0.5	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
W811448	Reverse	0.071	16	20	0.88	174	0.162	<20	1.92	0.098	0.24	0.8	<0.01	4.4	0.2	<0.05	7	<0.5	<0.2
W811449	Reverse	0.069	11	19	0.82	56	0.120	<20	1.74	0.066	0.11	0.5	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
W811450	Reverse	0.069	11	18	0.81	93	0.117	<20	1.90	0.078	0.14	0.6	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
W811451	Reverse	0.071	10	17	0.82	90	0.041	<20	2.09	0.067	0.15	<0.1	<0.01	3.8	0.1	<0.05	8	<0.5	<0.2
W811452	Reverse	0.073	16	18	0.75	58	0.006	<20	1.91	0.049	0.13	<0.1	<0.01	3.9	0.1	0.06	7	<0.5	<0.2
W811453	Reverse	0.073	17	19	0.82	58	0.086	<20	1.91	0.074	0.12	0.2	<0.01	3.9	0.1	<0.05	8	<0.5	<0.2
W811454	Reverse	0.073	16	16	0.77	64	0.024	<20	1.84	0.048	0.15	0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
W811455	Reverse	0.072	20	14	0.71	80	0.004	<20	1.99	0.026	0.24	0.2	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
W811456	Reverse	0.063	24	9	0.47	70	0.002	<20	1.68	0.011	0.29	0.2	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
W811457	Reverse	0.070	23	12	0.60	75	0.003	<20	1.81	0.029	0.29	0.2	<0.01	3.6	0.2	0.06	6	<0.5	<0.2
W811458	Reverse	0.069	23	15	0.73	101	0.012	<20	1.70	0.051	0.21	<0.1	<0.01	4.9	0.2	<0.05	7	<0.5	<0.2
W811459	Reverse	0.067	19	21	0.93	290	0.086	<20	1.85	0.083	0.37	<0.1	<0.01	6.0	0.3	<0.05	7	<0.5	<0.2
W811460	Reverse	0.067	20	19	0.88	316	0.103	<20	1.77	0.094	0.37	<0.1	<0.01	5.3	0.3	<0.05	7	<0.5	<0.2
W811461	Reverse	0.068	21	19	0.89	215	0.067	<20	1.72	0.069	0.27	<0.1	<0.01	4.8	0.2	<0.05	7	<0.5	<0.2

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	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811462	Reverse	2.75	<0.005	1.2	17.0	6.6	42	0.2	7.3	8.1	761	3.26	4.4	0.6	10.4	43	0.1	0.5	0.3	63	1.66
W811463	Reverse	2.62	0.007	1.3	72.3	7.8	48	0.4	7.8	9.2	720	3.53	9.4	5.9	10.0	38	0.1	1.0	0.6	60	1.11
W811464	Reverse	2.81	0.038	3.3	284.4	214.9	114	2.3	11.2	19.7	959	4.31	546.7	31.0	11.1	22	2.5	1.5	2.2	38	1.55
W811465	Reverse	3.03	0.012	4.1	121.6	160.7	97	1.1	8.8	10.5	930	3.99	38.5	6.2	9.8	36	1.2	1.4	1.0	40	0.90
W811466	Reverse	2.84	0.005	1.9	7.7	7.9	39	<0.1	6.7	4.5	651	2.62	5.2	0.6	12.2	33	0.2	0.9	0.2	41	0.84
W811467	Reverse	2.80	0.005	2.0	15.0	15.3	48	0.2	7.3	7.1	731	3.27	7.4	0.9	13.5	41	0.4	0.9	1.0	53	0.92
W811468	Reverse	2.80	0.018	6.0	34.8	47.9	73	0.5	8.1	11.8	1070	4.10	66.0	11.6	12.5	37	0.7	1.3	1.0	34	1.07
W811469	Reverse	2.18	0.010	3.6	8.8	20.0	42	0.1	3.0	3.8	883	2.40	15.6	6.1	14.5	21	0.4	0.5	0.4	10	1.62
W811470	Reverse	2.48	0.007	3.3	3.3	3.8	25	<0.1	3.2	3.1	891	2.52	8.7	83.2	13.5	24	<0.1	0.3	0.8	11	1.85
W811471	Reverse	2.67	0.659	3.6	26.2	22.8	41	0.2	4.7	4.8	871	2.89	273.6	38.3	12.2	23	0.4	0.5	0.5	11	1.95
W811471	Rock DUP		0.536	3.6	25.0	25.6	42	0.2	4.5	4.6	866	2.90	273.5	28.8	12.1	22	0.4	0.6	0.5	11	1.93
W811472	Reverse	1.94	0.038	3.4	26.0	27.6	43	0.4	3.3	8.9	729	3.37	775.0	158.6	11.4	11	0.3	0.8	0.8	9	1.37
W811473	Reverse	2.92	0.014	3.4	19.0	16.4	35	0.3	4.1	4.5	1011	3.15	165.8	5.1	12.2	24	0.2	0.5	1.7	11	1.87
W811474	Reverse	2.67	0.006	2.4	2.6	2.8	25	<0.1	3.8	2.3	838	2.28	8.5	1.0	12.7	30	<0.1	0.3	0.1	13	1.74
W811475	Reverse	2.60	0.006	2.4	2.0	2.6	24	<0.1	4.0	4.6	740	2.26	7.3	1.3	12.6	29	<0.1	0.4	0.1	14	1.44
W811476	Reverse	2.66	0.007	2.2	1.3	2.8	17	<0.1	2.9	0.9	609	1.60	6.9	0.8	14.3	31	<0.1	0.4	<0.1	8	1.47
W811477	Reverse	2.82	0.008	1.9	3.2	2.9	29	<0.1	4.7	2.3	841	2.69	12.0	2.3	11.9	40	<0.1	0.6	0.2	26	1.79
W811478	Reverse	2.41	0.010	7.1	31.2	65.7	48	1.0	8.7	7.7	773	2.95	26.5	4.8	9.8	23	0.3	0.9	8.5	35	1.05
W811479	Reverse	2.43	0.005	2.2	2.9	9.7	36	<0.1	6.0	4.4	611	2.23	6.8	1.0	9.2	43	0.2	1.0	0.5	31	1.96
W811480	Reverse	2.72	0.007	2.5	4.8	15.9	45	<0.1	7.7	6.3	642	2.99	8.6	0.9	9.7	26	0.2	1.0	0.7	44	0.78
W811481	Reverse	2.44	0.016	4.3	33.8	32.3	74	0.8	9.5	11.5	788	3.64	129.6	9.6	8.7	44	0.8	1.5	4.5	47	1.04
W811482	Reverse	2.29	0.006	2.2	8.3	10.0	48	0.1	7.1	5.9	655	2.67	50.2	1.4	9.1	19	0.4	1.0	0.5	39	0.91
W811483	Reverse	2.33	<0.005	11.1	2.0	11.1	48	<0.1	7.9	5.3	712	3.02	8.0	0.6	11.1	22	0.3	1.1	0.2	43	0.99
W811484	Reverse	1.85	0.006	2.3	19.3	11.9	51	0.2	7.4	6.3	721	3.20	8.4	1.5	11.8	51	0.3	1.4	4.1	52	1.05
W811485	Reverse	2.15	0.009	5.7	35.8	17.0	47	0.3	7.9	7.9	719	3.20	12.7	2.5	9.0	25	0.2	1.1	2.0	48	0.93
W811486	Reverse	2.51	0.006	1.9	15.6	14.0	44	0.2	7.2	7.2	616	2.77	14.4	2.2	9.9	29	0.3	1.2	0.7	42	0.79
W811487	Reverse	2.44	<0.005	3.3	7.8	7.2	41	0.1	7.0	7.3	644	2.96	9.9	0.9	11.1	32	0.2	1.0	0.5	48	0.82
W811488	Reverse	2.41	0.005	4.6	13.1	5.4	43	0.1	7.8	8.2	611	3.75	5.9	0.9	9.7	50	<0.1	0.8	0.7	69	0.78
W811489	Reverse	2.47	0.009	4.8	10.4	17.3	46	0.3	7.9	9.4	544	2.84	32.6	3.2	10.9	28	0.3	1.4	1.3	43	0.85
W811490	Reverse	2.50	<0.005	2.3	4.4	11.7	45	<0.1	7.8	8.1	651	3.06	13.8	1.2	11.5	33	0.2	1.4	0.5	50	0.95

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000065.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811462	Reverse	0.068	22	18	0.95	324	0.093	<20	1.92	0.079	0.38	<0.1	<0.01	5.0	0.3	<0.05	7	<0.5	<0.2
W811463	Reverse	0.071	19	18	0.93	258	0.058	<20	1.97	0.076	0.29	<0.1	<0.01	5.3	0.2	<0.05	7	<0.5	<0.2
W811464	Reverse	0.061	15	11	0.78	63	0.004	<20	2.07	0.026	0.19	0.2	<0.01	4.2	0.2	0.60	7	1.0	<0.2
W811465	Reverse	0.070	17	14	0.84	76	0.004	<20	2.11	0.031	0.19	<0.1	<0.01	4.2	0.2	0.13	7	<0.5	<0.2
W811466	Reverse	0.072	14	19	0.61	139	0.010	<20	1.52	0.057	0.19	0.1	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
W811467	Reverse	0.071	17	21	0.79	92	0.039	<20	1.69	0.063	0.15	0.2	<0.01	4.1	0.1	<0.05	6	<0.5	<0.2
W811468	Reverse	0.059	17	19	0.52	256	0.034	<20	1.89	0.027	0.38	0.4	<0.01	3.1	0.6	0.27	7	<0.5	<0.2
W811469	Reverse	0.043	19	8	0.32	82	0.005	<20	1.21	0.017	0.31	0.2	<0.01	1.0	0.3	0.07	5	<0.5	<0.2
W811470	Reverse	0.056	19	9	0.32	76	0.003	<20	1.27	0.016	0.31	0.1	<0.01	1.0	0.3	0.07	5	<0.5	<0.2
W811471	Reverse	0.062	16	9	0.25	73	0.003	<20	1.22	0.009	0.34	0.3	<0.01	0.9	0.4	0.23	5	<0.5	<0.2
W811471	Rock DUP	0.062	16	9	0.25	72	0.003	<20	1.20	0.008	0.34	0.4	<0.01	0.9	0.4	0.23	5	<0.5	<0.2
W811472	Reverse	0.061	11	8	0.22	68	0.002	<20	1.34	0.009	0.45	0.4	<0.01	0.7	0.5	0.45	5	<0.5	<0.2
W811473	Reverse	0.062	18	9	0.40	82	0.003	<20	1.55	0.009	0.47	1.1	<0.01	1.0	0.5	0.18	6	<0.5	<0.2
W811474	Reverse	0.065	20	9	0.44	85	0.004	<20	1.30	0.017	0.38	0.2	<0.01	1.0	0.4	<0.05	6	<0.5	<0.2
W811475	Reverse	0.060	20	11	0.44	86	0.005	<20	1.26	0.029	0.36	0.1	<0.01	1.0	0.4	<0.05	6	<0.5	<0.2
W811476	Reverse	0.041	23	11	0.29	92	0.004	<20	0.93	0.024	0.35	0.1	<0.01	0.7	0.3	<0.05	4	<0.5	<0.2
W811477	Reverse	0.061	23	12	0.53	86	0.006	<20	1.42	0.029	0.34	0.1	<0.01	2.2	0.4	<0.05	7	<0.5	<0.2
W811478	Reverse	0.069	13	15	0.62	60	0.036	<20	1.65	0.045	0.25	0.4	<0.01	2.8	0.3	<0.05	7	<0.5	<0.2
W811479	Reverse	0.068	9	16	0.46	91	0.089	<20	1.43	0.062	0.23	1.0	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
W811480	Reverse	0.073	11	19	0.67	107	0.104	<20	1.66	0.064	0.22	1.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
W811481	Reverse	0.066	10	15	0.75	82	0.083	<20	2.15	0.064	0.22	1.1	<0.01	3.4	0.2	0.05	8	<0.5	<0.2
W811482	Reverse	0.068	10	13	0.59	75	0.068	<20	1.56	0.067	0.21	0.4	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
W811483	Reverse	0.069	11	15	0.72	66	0.062	<20	1.73	0.067	0.19	0.3	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
W811484	Reverse	0.065	13	17	0.85	67	0.107	<20	1.89	0.078	0.17	0.8	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
W811485	Reverse	0.067	9	14	0.83	61	0.074	<20	1.80	0.069	0.18	0.3	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
W811486	Reverse	0.066	10	14	0.69	84	0.037	<20	1.71	0.068	0.22	<0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
W811487	Reverse	0.067	15	14	0.75	88	0.067	<20	1.73	0.067	0.17	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
W811488	Reverse	0.068	17	22	0.92	346	0.202	<20	1.78	0.126	0.39	1.4	<0.01	4.8	0.3	<0.05	7	<0.5	<0.2
W811489	Reverse	0.073	11	17	0.60	84	0.119	<20	1.52	0.053	0.18	1.4	<0.01	2.9	0.2	0.09	6	<0.5	<0.2
W811490	Reverse	0.071	13	16	0.74	68	0.136	<20	1.70	0.064	0.15	1.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000065.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
W811491	Reverse	2.57	0.005	1.4	10.5	13.0	48	0.1	7.6	9.8	673	3.72	11.2	1.4	11.4	46	0.2	0.9	0.4	67	0.75
W811492	Reverse	2.44	<0.005	2.0	7.2	14.0	47	0.1	7.9	9.4	634	3.75	9.8	0.8	10.4	56	0.2	1.1	0.7	68	0.89
W811493	Reverse	2.33	0.005	1.5	10.1	13.8	50	0.2	7.7	8.3	666	3.79	6.9	0.7	12.0	64	0.2	1.0	1.2	67	1.15
W811494	Reverse	2.56	0.007	2.3	17.0	12.8	50	0.4	9.0	11.7	703	3.89	12.0	3.1	10.3	72	0.1	1.0	1.2	70	1.09
W811495	Reverse	2.59	<0.005	2.6	7.7	8.9	43	0.1	8.0	9.3	606	3.23	11.5	0.9	8.7	48	0.2	1.9	0.7	52	0.93
W811496	Reverse	2.34	<0.005	2.1	13.6	6.2	42	0.1	7.7	8.5	737	3.26	12.3	1.2	11.9	64	0.1	1.9	0.3	44	0.94
W811497	Reverse	2.72	0.005	2.3	6.1	9.7	45	<0.1	9.1	10.4	850	3.70	14.2	1.6	10.1	37	0.1	1.4	0.3	45	1.08
W811498	Reverse	2.84	0.021	4.2	14.4	15.2	65	0.2	7.8	7.6	814	3.75	19.1	3.8	11.0	38	0.4	1.9	0.5	48	0.87
W811499	Rock	0.25	<0.005	0.1	1.1	1.6	3	<0.1	0.7	0.2	25	0.21	<0.5	<0.5	0.5	5	<0.1	<0.1	<0.1	2	0.07
W811500	Rock	0.16	<0.005	0.1	1.3	1.9	3	<0.1	0.6	0.2	31	0.24	<0.5	<0.5	0.9	4	<0.1	<0.1	<0.1	1	0.07
W811501	Rock Pulp	0.27	3.846	25.4	71.5	20.6	141	1.6	73.6	7.4	313	2.81	709.0	28.4	3.8	32	1.8	7.2	4.8	58	2.14

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Project: Rude Creek
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000065.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
W811491	Reverse	0.068	16	18	0.95	227	0.178	<20	1.88	0.101	0.27	0.7	<0.01	4.5	0.2	<0.05	7	<0.5	<0.2
W811492	Reverse	0.067	18	20	0.94	288	0.182	<20	1.92	0.131	0.36	0.4	<0.01	4.8	0.3	<0.05	7	<0.5	<0.2
W811493	Reverse	0.070	23	19	0.94	292	0.125	<20	1.88	0.107	0.35	<0.1	<0.01	5.4	0.3	<0.05	7	<0.5	<0.2
W811494	Reverse	0.070	18	24	1.04	294	0.188	<20	2.03	0.117	0.36	0.4	<0.01	5.1	0.3	<0.05	7	<0.5	<0.2
W811495	Reverse	0.070	11	22	0.77	130	0.151	<20	1.70	0.078	0.18	1.0	<0.01	3.7	0.2	<0.05	6	<0.5	<0.2
W811496	Reverse	0.070	15	18	0.74	99	0.088	<20	1.90	0.075	0.20	0.3	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
W811497	Reverse	0.077	12	22	0.81	79	0.063	<20	1.97	0.058	0.16	0.2	<0.01	2.9	0.2	<0.05	7	<0.5	<0.2
W811498	Reverse	0.072	16	19	0.81	73	0.087	<20	1.95	0.061	0.16	0.5	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
W811499	Rock	0.002	2	1	0.07	46	0.005	<20	0.28	0.124	0.15	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
W811500	Rock	<0.001	2	1	0.06	55	0.004	<20	0.29	0.172	0.20	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
W811501	Rock Pulp	0.086	2	20	0.87	72	<0.001	<20	0.32	<0.001	0.20	1.9	5.25	3.2	1.5	1.90	1	5.6	0.8

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Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000065.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
W811438	Reverse Circ	3.00	0.009	0.9	26.8	6.8	45	0.4	7.2	11.3	799	3.33	28.6	4.3	9.0	227	0.2	1.7	1.2	40	1.47
REP W811438	QC			0.9	26.4	6.8	46	0.4	6.7	11.5	804	3.29	29.1	4.2	9.0	224	0.2	1.6	1.3	39	1.46
W811471	Rock DUP		0.536	3.6	25.0	25.6	42	0.2	4.5	4.6	866	2.90	273.5	28.8	12.1	22	0.4	0.6	0.5	11	1.93
REP W811471	QC			3.8	25.9	22.6	42	0.2	4.5	4.7	886	2.99	270.7	60.1	12.3	23	0.4	0.6	0.4	11	1.96
W811476	Reverse Circ	2.66	0.007	2.2	1.3	2.8	17	<0.1	2.9	0.9	609	1.60	6.9	0.8	14.3	31	<0.1	0.4	<0.1	8	1.47
REP W811476	QC		0.006																		
W811498	Reverse Circ	2.84	0.021	4.2	14.4	15.2	65	0.2	7.8	7.6	814	3.75	19.1	3.8	11.0	38	0.4	1.9	0.5	48	0.87
REP W811498	QC		0.020																		
Core Reject Duplicates																					
W811448	Reverse Circ	2.51	<0.005	1.7	4.6	6.6	49	<0.1	8.1	8.2	698	3.49	5.5	<0.5	10.6	53	0.1	1.0	0.4	62	1.03
DUP W811448	QC		<0.005	1.6	4.4	6.3	48	<0.1	8.0	7.8	664	3.30	4.9	<0.5	9.2	49	0.1	0.9	0.2	59	0.97
W811481	Reverse Circ	2.44	0.016	4.3	33.8	32.3	74	0.8	9.5	11.5	788	3.64	129.6	9.6	8.7	44	0.8	1.5	4.5	47	1.04
DUP W811481	QC		0.020	4.4	33.3	34.3	75	0.8	9.8	12.0	785	3.70	138.2	10.0	8.1	43	0.8	1.5	4.8	46	1.05
Reference Materials																					
STD BVGEO01	Standard			10.5	4351.9	183.8	1837	2.4	154.5	22.7	723	3.80	110.3	191.3	12.2	55	6.4	3.2	21.0	71	1.34
STD DS11	Standard			15.3	152.1	137.0	343	1.5	85.8	12.7	1075	3.16	44.0	49.1	5.9	68	2.5	7.1	10.4	49	1.15
STD DS11	Standard			14.9	145.2	149.4	345	1.8	79.7	13.8	1073	3.09	47.7	70.7	8.9	72	2.4	6.8	12.7	47	1.05
STD OREAS262	Standard			0.7	117.1	54.0	134	0.4	67.1	27.5	551	3.42	34.5	57.7	7.5	35	0.6	2.9	0.9	22	3.15
STD OREAS262	Standard			0.7	114.8	59.8	135	0.4	66.0	27.4	547	3.38	34.3	65.0	10.0	35	0.6	3.5	0.9	21	3.11
STD OREAS262	Standard			0.7	109.5	56.4	145	0.5	65.1	25.5	559	3.26	36.5	58.1	9.9	35	0.6	2.4	1.0	20	3.05
STD OXC145	Standard		0.207																		
STD OXC145	Standard		0.216																		
STD OXH139	Standard		1.311																		
STD OXH139	Standard		1.333																		
STD OXN134	Standard		7.591																		
STD OXN134	Standard		7.806																		
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD OXN134 Expected			7.667																		

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QUALITY CONTROL REPORT WHI19000065.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
W811438	Reverse Circ	0.071	8	11	0.64	179	0.100	<20	2.24	0.074	0.25	0.6	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
REP W811438	QC	0.071	7	12	0.65	175	0.100	<20	2.25	0.074	0.25	0.6	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
W811471	Rock DUP	0.062	16	9	0.25	72	0.003	<20	1.20	0.008	0.34	0.4	<0.01	0.9	0.4	0.23	5	<0.5	<0.2
REP W811471	QC	0.063	16	9	0.25	73	0.003	<20	1.22	0.009	0.34	0.4	<0.01	0.9	0.4	0.23	5	<0.5	<0.2
W811476	Reverse Circ	0.041	23	11	0.29	92	0.004	<20	0.93	0.024	0.35	0.1	<0.01	0.7	0.3	<0.05	4	<0.5	<0.2
REP W811476	QC																		
W811498	Reverse Circ	0.072	16	19	0.81	73	0.087	<20	1.95	0.061	0.16	0.5	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
REP W811498	QC																		
Core Reject Duplicates																			
W811448	Reverse Circ	0.071	16	20	0.88	174	0.162	<20	1.92	0.098	0.24	0.8	<0.01	4.4	0.2	<0.05	7	<0.5	<0.2
DUP W811448	QC	0.070	12	20	0.85	162	0.152	<20	1.80	0.081	0.22	0.8	<0.01	4.0	0.2	<0.05	7	<0.5	<0.2
W811481	Reverse Circ	0.066	10	15	0.75	82	0.083	<20	2.15	0.064	0.22	1.1	<0.01	3.4	0.2	0.05	8	<0.5	<0.2
DUP W811481	QC	0.067	10	16	0.74	80	0.081	<20	2.14	0.066	0.22	1.1	<0.01	3.3	0.2	0.06	8	<0.5	<0.2
Reference Materials																			
STD BVGEO01	Standard	0.068	22	168	1.26	291	0.238	<20	2.29	0.189	0.86	4.3	0.09	5.3	0.6	0.63	8	4.9	1.0
STD DS11	Standard	0.069	16	60	0.86	377	0.094	<20	1.23	0.077	0.41	2.5	0.27	3.0	4.6	0.27	6	2.4	4.7
STD DS11	Standard	0.069	18	57	0.86	457	0.086	<20	1.21	0.072	0.40	2.8	0.31	3.3	5.4	0.28	5	2.2	5.0
STD OREAS262	Standard	0.036	15	44	1.19	226	0.003	<20	1.36	0.071	0.33	0.1	0.15	3.0	0.4	0.25	4	0.6	0.2
STD OREAS262	Standard	0.036	14	42	1.17	219	0.003	<20	1.28	0.068	0.31	0.1	0.16	2.9	0.4	0.25	4	<0.5	0.2
STD OREAS262	Standard	0.041	16	44	1.16	264	0.003	<20	1.24	0.067	0.30	0.1	0.16	3.4	0.4	0.25	4	<0.5	0.2
STD OXC145	Standard																		
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD BVGEO01 Expected		0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OXN134 Expected																			

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Project: Rude Creek
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000065.1

		WGHT Wgt kg 0.01	FA430 Au ppm 0.005	AQ200 Mo ppm 0.1	AQ200 Cu ppm 0.1	AQ200 Pb ppm 0.1	AQ200 Zn ppm 1	AQ200 Ag ppm 0.1	AQ200 Ni ppm 0.1	AQ200 Co ppm 0.1	AQ200 Mn ppm 1	AQ200 Fe % 0.01	AQ200 As ppm 0.5	AQ200 Au ppb 0.5	AQ200 Th ppm 0.1	AQ200 Sr ppm 1	AQ200 Cd ppm 0.1	AQ200 Sb ppm 0.1	AQ200 Bi ppm 0.1	AQ200 V ppm 1	AQ200 Ca % 0.01
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD DS11 Expected				13.9	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected				0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	3.39	1.03	22.5	2.98
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		0.008																		
BLK	Blank		0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.7	2.3	1.1	27	<0.1	1.0	3.4	482	1.93	1.1	<0.5	1.9	24	<0.1	<0.1	<0.1	25	0.66
ROCK-WHI	Prep Blank		<0.005	1.1	1.7	0.9	28	<0.1	1.1	3.4	483	1.87	1.1	<0.5	1.8	24	<0.1	<0.1	<0.1	24	0.68

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QUALITY CONTROL REPORT WHI19000065.1

		AQ200 P % 0.001	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
STD OXC145 Expected																			
STD OXH139 Expected																			
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	0.26	3.1	4.9	0.2835	4.7	2.2	4.56
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.003		1.204	0.071	0.312	0.13	0.17	3.24	0.47	0.253	3.73	0.4	0.23
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-WHI	Prep Blank	0.039	5	4	0.44	50	0.096	<20	0.98	0.115	0.11	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.038	5	3	0.46	50	0.089	<20	0.97	0.093	0.09	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2

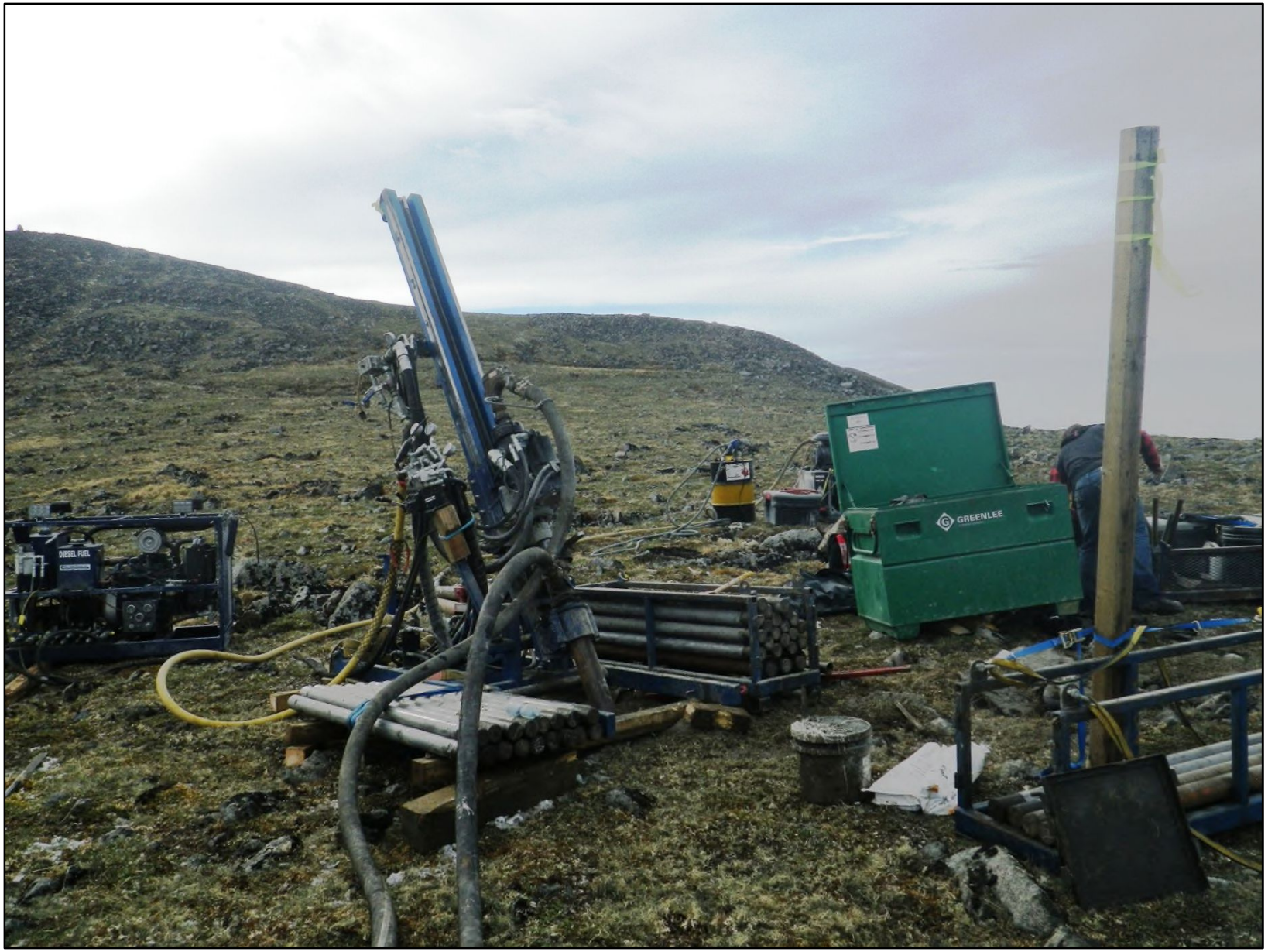
Appendix V

Photographs

Collection of samples from Midnight Sun on June 18, 2019

ROY RC19-09; view looking westerly

ROY RC19-10 and -09 on June 9, 2019; view looking northeasterly



ROY RC19-11 on June 9, 2019; view looking northwest

ROY RC19-11 site on June 9, 2019; view looking southwest

View of Northeast zone from southwest