

Memorandum Report of 2017 Surface Work

On the

Sonora Gulch Property

S 1 to 16, 117, 118
SAM 1 to 8
SAM 9 to 12
SAM 13 to 18
SAM 20
SAM 21, 22
SAM 23 to 30
SAM 31 to 41
SAM 42 to 44
SAM 89 to 90
SAM 91 to 92
SAM 93 to 96

(YC26213 to YC26230)
(YC26181 to YC26188)
(YA03877 to YA03880)
(YC26189 to YC26194)
(YC26195)
(YA03889, YC26196)
(YA03891 to YA03898)
(YC26197 to YC26207)
(YA03910 to YA03912)
(YA08277 to YA08278)
(YC26208 to YC26209)
(YA08281 to YA08284)

SAM 97 to 100
SAM 101 to 125
STONE 1 to 12
STONE 15 to 20
STONE 21 to 34
STONE 35 to 50
STONE 51 to 64
STRAUSS 1 to 84
SWEDE 1 to 4
SWEDE 5, 6
WAM 1 to 10

(YC26210 to YC26212)
(YC57890 to YC57914)
(YC26163 to YC26174)
(YC26175 to YC26180)
(YC29893 to YC29906)
(YC57915 to YC57930)
(YC90025 to YC90038)
(YC59834 to YC59917)
(YA03779 to YA03782)
(YC26162, YA03784)
(YC54316 to YC54325)

**Whitehorse Mining District, Yukon
NTS Sheet 115J09 and 115I12
62°39'N. Lat., 138°02'W. Long.**

Operated by and Recorded to



**By
Mark Fekete, P.Geo.
and
Marty Huber, P.Geo.**

December 5, 2017

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Certificate of Qualifications

I, Mark Fekete, having my place of residence at 178 Dennison Boulevard in Val d'Or in the Province of Quebec do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of British Columbia in 1986, I have been engaged as a Geologist continuously since 1986 and I am a Member in good standing of the Order of Geologists of Quebec (OGQ #553) and the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC #31440), and I am a “qualified person” as defined in Section 1.2 in and for the purposes of National Instrument 43-101;
2. I have not visited the Sonora Gulch property;
3. I co-wrote and I am, as the senior author and qualified person, responsible for the contents of this technical report entitled “Memorandum Report of 2017 Surface Work on the Sonora Gulch Property, Whitehorse Mining District, Yukon, NTS Sheet 115J09 and 115I12, 62°39’N. Lat., 138°02’W. Long.,” based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report;
4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;
5. I am an Officer and Director, and I beneficially hold a number of shares in Taku Gold Corp.;
6. I hold no direct interest in the Sonora Gulch property as a result of my prior involvement with the property; and
7. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-10,1 and according to Form 43-101F1.

Respectfully submitted this 5th day of December 2017,

(s) “*Mark Fekete*”

Mark Fekete, P.Geo.

Certificate of Qualifications

I, Marty Huber, having my place of residence at 16 Flax Mill Dr. Conestogo in the Province of Ontario, do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from Acadia University in May 2011, I have been engaged as a Geologist continuously since 2011 and I am a Member in good standing with the Association of Professional Geoscientists of Nova Scotia (APGNS #232) and I am a “qualified person” as defined in Section 1.2 in and for the purposes of National Instrument 43-101;
2. I have visited the Sonora Gulch property most recently in August, 2017;
3. I co-wrote this technical report entitled “Memorandum Report of 2017 Surface Work on the Sonora Gulch Property, Whitehorse Mining District, Yukon, NTS Sheet 115J09 and 115I12, 62°39’N. Lat., 138°02’W. Long.,” based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report
4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;
5. I hold no direct interest in the Sonora gulch Project as a result of my prior involvement with the property; and
6. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 5th day of December 2017,

(s) “*Marty Huber*”

Marty Huber, P. Geo.

Introduction and Terms of Reference

Breakaway Exploration Management Inc. (“Breakaway”) was engaged by Taku Gold Corp. (“Taku”) to carry out surface exploration on the Sonora Gulch property (“Sonora Gulch” or the “Property”) in Yukon in 2017. This technical report (the “Report”) describes the 2017 work which consisted of a soil geochemical sampling survey. The goal of the survey was to fill gaps between previously completed soil grids on the property to evaluate gold-in-soil trends that may be related to gold bearing structures. The main purpose of this Report is to complete statutory assessment work filings required under the Yukon Quartz Mining Act. It is not intended to and does not fully comply with National Instrument 43-101.

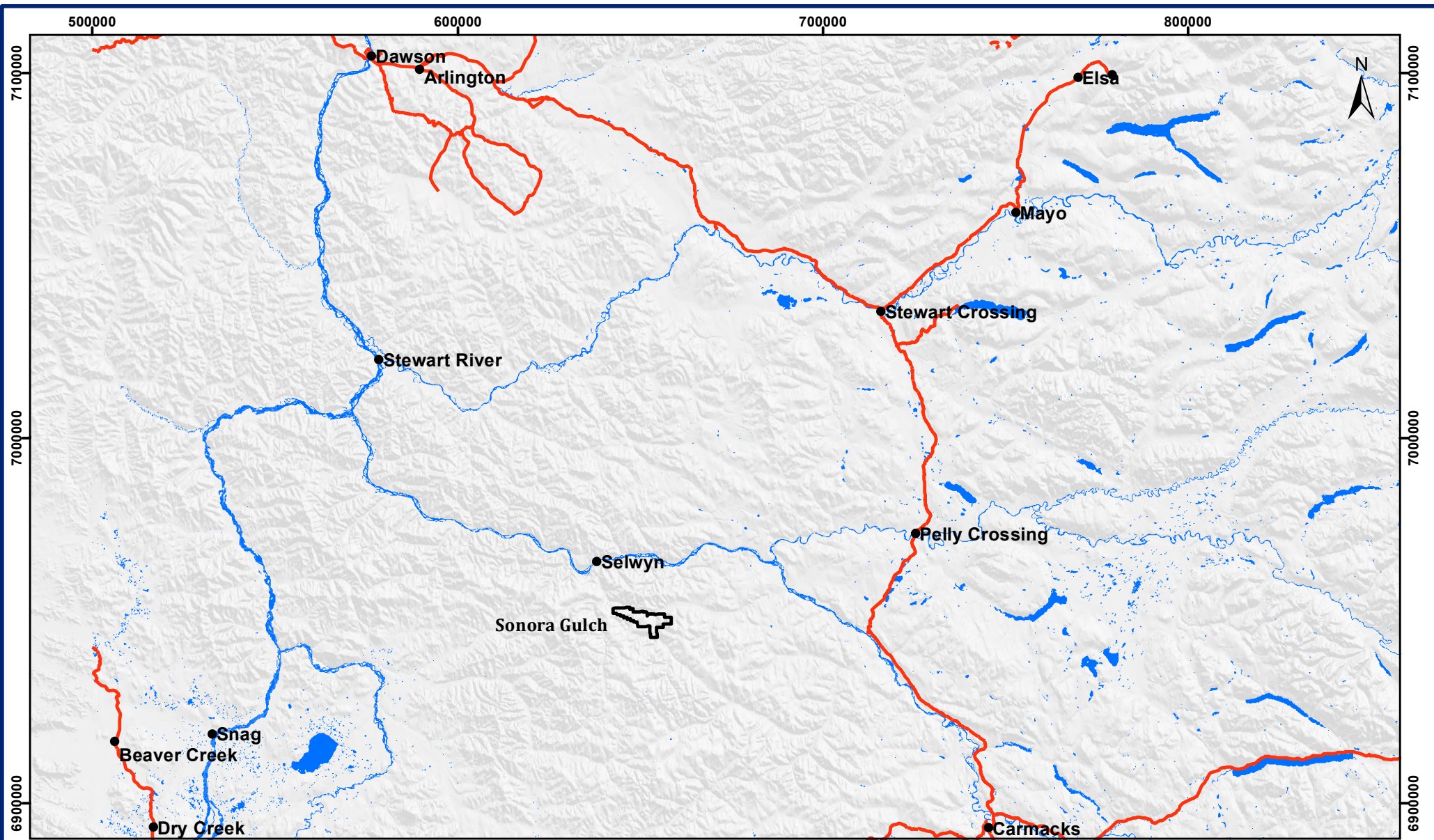
The Authors may have relied on technical data and interpretations found in various sources cited throughout the Report. The Authors may not have verified this information and take no responsibility for its accuracy or completeness. Reference to the compliance or non-compliance with NI 43-101 standards of historical information and data referred to in this Report are made where appropriate. The Authors do not offer any opinion concerning legal, title, environmental, political or other non-technical issues that may be relevant to the Report. The Report may contain links to several web-sites. The Authors take no responsibility for the functionality or content of these websites.

Location and Property Description

The Property covers an approximate area of 5,414 hectares within the Whitehorse Mining Division of Yukon. It is located 265 km northwest of Whitehorse and 170 km southeast of Dawson City (Figure 1). The approximate center of the Property is described by 62°39'00” North Latitude and 138°02'00” West Longitude (UTM WGS84 652300mE, 6950500mN, Zone 7) on N.T.S. Sheets 115J09 and 115I12. The Property includes 259 contiguous, un-surveyed mineral titles (Figure 2) more fully described in Table 1 below. The claims are recorded 100% to Taku subject to an option agreement executed with Golden Predator Mining Corp. on August 1, 2017.

Table 1 - List of Claims

Claim Name No.	Tag No.	#
S 1 to 16, 117, 118	(YC26213 to YC26230)	18
SAM 1 to 8	(YC26181 to YC26188)	8
SAM 9 to 12	(YA03877 to YA03880)	4
SAM 13 to 18	(YC26189 to YC26194)	6
SAM 20	(YC26195)	1
SAM 21, 22	(YA03889, YC26196)	2
SAM 23 to 30	(YA03891 to YA03898)	8
SAM 31 to 41	(YC26197 to YC26207)	11
SAM 42 to 44	(YA03910 to YA03912)	3
SAM 89 to 90	(YA08277 to YA08278)	2
SAM 91 to 92	(YC26208 to YC26209)	2
SAM 93 to 96	(YA08281 to YA08284)	4
SAM 97 to 100	(YC26210 to YC26212)	3
SAM 101 to 125	(YC57890 to YC57914)	25
STONE 1 to 12	(YC26163 to YC26174)	12
STONE 15 to 20	(YC26175 to YC26180)	6
STONE 21 to 34	(YC29893 to YC29906)	14
STONE 35 to 50	(YC57915 to YC57930)	16
STONE 51 to 64	(YC90025 to YC90038)	14
STRAUSS 1 to 84	(YC59834 to YC59917)	84
SWEDE 1 to 4	(YA03779 to YA03782)	4
SWEDE 5, 6	(YC26162, YA03784)	2
WAM 1 to 10	(YC54316 to YC54325)	10
	Total	259

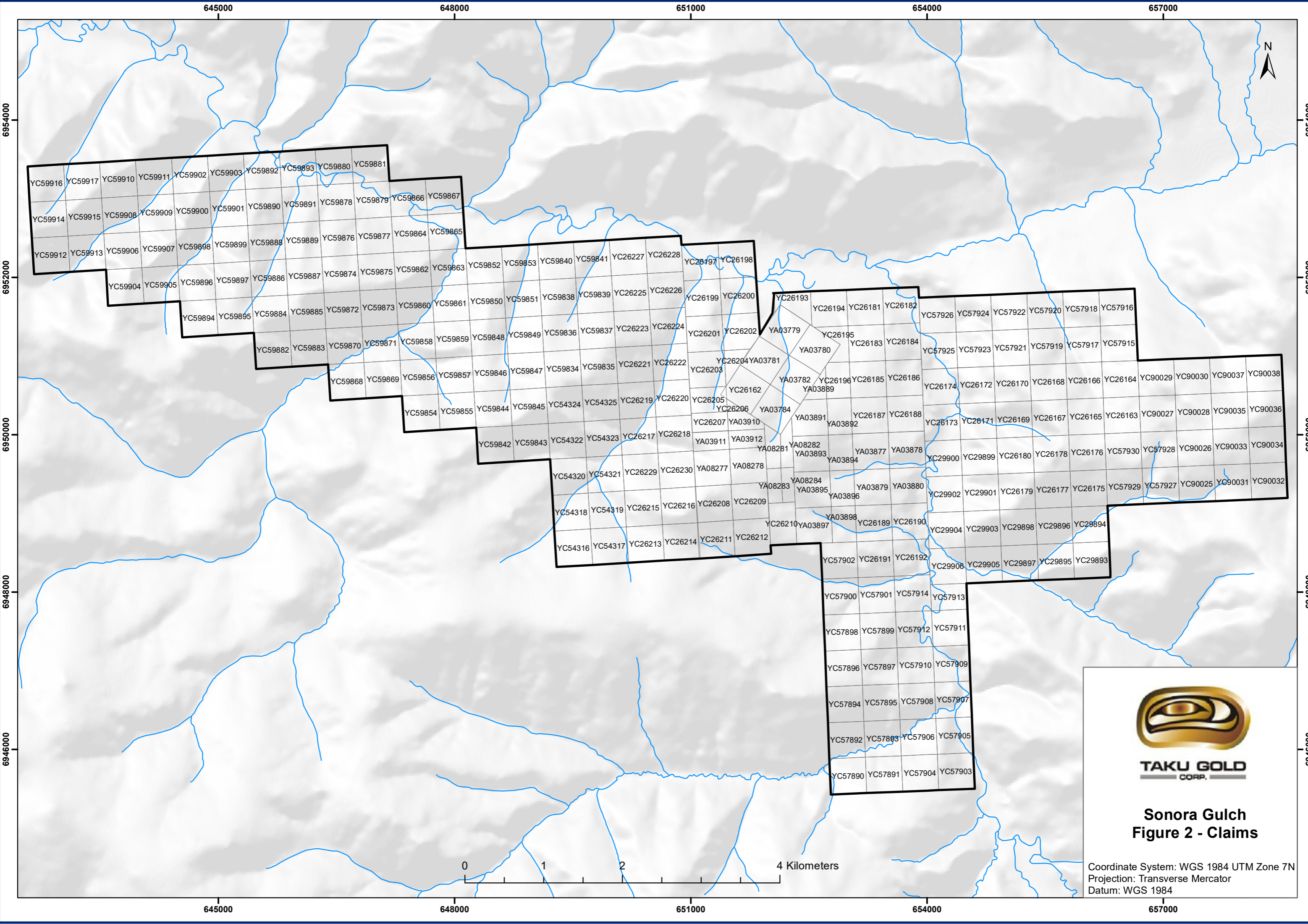


TAKU GOLD
CORP.

Sonora Gulch
Figure 1 - Location



Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator Datum: WGS 1984



TAKU GOLD
CORP.

**Sonora Gulch
Figure 2 - Claims**

Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator
Datum: WGS 1984



Accessibility, Local Resources, Infrastructure, Physiography and Climate

There is no road access to Sonora Gulch during the summer months. Access to the property is best serviced by helicopter from the Minto airstrip located 60 km to the east or from the drivable portion of the Casino Trail. The preferred route for supplies is the Casino Trail winter road, which is maintained by and used to supply Western Copper's Casino Project, this trail passes through the Sonora Gulch camp. This trail starts at the end of the Freegold Road a 69 kilometer long dirt road which is maintained in the summer months from Carmacks to its terminus at the start of the Casino Trail. The first portion of the Casino Trail is passable in the summer with 4-wheel drive to within 30 km of Sonora Gulch. From there supplies can be moved by snow machines in the winter or ferried by helicopter in the summer. The winter road, even if passable, is generally not used until after the "Yukon Quest" dogsled run in February. As a result the winter road is open for use to supply exploration projects like Sonora Gulch for just 5-6 weeks starting in late February.

Sonora Gulch has a climate typical of west central Yukon Dawson Range with pleasant 20-25° daily highs from June through late August and severe cold in the winter with daily highs in the -15° to -20°C range. Precipitation is light but the Property is typically snow covered from early October to mid-May. The drilling season can start in early May and extend to mid-October but mapping and geochemical sampling is best limited to late May through late September.

Exploration History

The following exploration history of the Property has been compiled from the Yukon Geological survey's Integrated Data System. Table 2 below lists all known assessment reports that describe work done within the boundaries of the present Property in whole or in part.

Table 2 - Previous Assessment Work Files

Company	Year	AFR No.	Author	Work
Selwyn Minerals Inc.	1998	093826	R. A. Doherty	Soil Geochem,
Selwyn Minerals Inc.	1999	093940	R. A. Doherty	Soil Geochem,
Firestone Ventures	2004	094536	C. M. Schulze	Soil Geochem,
Firestone Ventures	2006	094685	M. Power	Geophysics
Firestone Ventures	2007	094987	C. M. Schulze	Diamond Drilling, Soil
Firestone Ventures	2007	095007	C. M. Schulze	Soil Geochem
Northern Tiger	2009	095179	C. M. Schulze	Diamond Drilling

There are three mineral showings documented within the Property listed in Table 3 below:

Table 3 - MINFILE Showings

MINFILE No.	MINEFILE Name
115J011	Guess
115J008	Sonora Gulch
115I029	Amadeus

The following exploration summary has been primarily taken from Carl Schulze (2007) 43-101 technical report on the Sonora Gulch Deposit.

In 1899 the Spruce Stake and Old Alex lode claims were staked in Klimes Gulch a year after prospectors made the first placer discovery at Klimes Gulch and first gold in outcrop discovery in a quartz vein in the same area. In 1900 an adit driven 30 m north of Klimes Gulch is reported to have passed through a 2.5 m thick quartz vein with gold values up to 13.7 g Au/t.

In 1965 Coranex, a joint venture between Inco, Dome Exploration, Denison Mines, and McIntyre Porcupine Mines, acquired claims at Sonora Gulch to cover a regional geochemical anomaly believed to be related to a mineralized porphyry copper deposit. That venture was short lived, but in 1969 the Dawson Range Joint Venture (Straus Exploration, Trojan Consolidated Mines, Great Plains Development Co. of Canada and Molybdenum Corp. of America) re-staked Sonora Gulch with the DP 1-24 claims. The joint

venture carried out mapping, silt and soil geochemical sampling and mechanized trenching over 2 field seasons but did not drill and the claims were allowed to lapse. In 1974 Dome returned in joint venture with Cominco Ltd. re-staking, mapping and sampling the Sonora Gulch area again. At the same time prospectors Swede Martensson and A. McDiamird while placer mining staked the Swede 1-6 claims at Sonora Gulch. Almost immediately, a joint venture between Hudson Bay Mining and Smelting, Tombill Mining Ltd. and Minorco Canada Ltd. entered into an option agreement with Martensson and McDiamird on the Swede claims, and then added the Sam 1-86 claims and the Sam 87-98 claims. The joint venture over the next two years carried out mapping, geochemical sampling, bulldozer trenching and drilled 11 short diamond drill holes (490 metres total) mostly in what is now termed the Gold Vein Zone. In 1979 the joint venture dissolved with Hudson Bay continuing on its own and drilling 4 holes totaling 404 m in 1980 and another 6 holes totaling 812 m in 1981. Hudson Bay was sufficiently encouraged to add the Sam 99-128 claims in 1983. Gold values in the 300 to 1000 ppb Au range were returned over long intervals in several holes but intervals over 1 g Au/t were limited to narrow intervals in quartz feldspar porphyry.

Hayes Resources Inc. acquired the Sonora Gulch claims briefly from Hudson Bay in 1984 and carried out a 5-hole, 695-metre core drilling program without significant results. No further work was carried out until Hudson Bay returned the property to Martensson and McDiamird in 1997 who immediately optioned the claim position to Selwyn Minerals. Selwyn, over 2 field seasons, conducted limited trenching and soil sampling along the Big Creek Fault and the Gold Vein Zone southeast of the current camp but did no drilling. The property was returned to Martensson and McDiamird in 1999. The partners proceeded to expand the claim block to both the east and west staking the Stone 1-48 claims on the east boundary and the S 1-16 claims along the west boundary.

In December 2003 Firestone entered into the option agreement with Martensson and McDiamird to earn an 80% interest in the Sonora Gulch property. Firestone initially focused in on what they termed the K-467 anomaly at the confluence of Little Klines Gulch and Hayes Creek. However, focus shifted when a single reconnaissance-style soil geochemical traverse on the opposite side of Hayes Creek picked up a strong gold-in-soil anomaly which eventually was expanded and named the Amadeus Zone. Follow-up mapping, soil sampling starting at the end of the 2005 field season and continuing into the 2006 season showed the Amadeus Zone to be centered on a feldspar porphyry. These early field programs also extended the K-467 anomaly to the north to form the Figaro Zone along the west side of Hayes Creek and identified a new gold anomaly, the Jupiter Zone, above and to the west of the Figaro Zone.

In 2006 Firestone carried out a 10 hole, 1,821 m, diamond drilling program, primarily on the Amadeus Zone. Hole SG06-06 intersected 8.01 g/t gold across 11.1 metres of breccia along a porphyry-gneiss contact. The subsequent 2025 m drill program in 2007 again focused on the Amadeus Zone. That program produce two intercepts in hole SG07-12, 88 m of 0.85 g/t AU and 11 m of 1.05 g/t Au. This hole was collared 50 m south of hole SG06-06 and drilled at about the same angle with the broad low grade anomaly in hole SG07-12 appearing to correlate with the high grade interval in hole SG06-06.

The 2007 program also saw 4 holes drilled at the Jupiter Zone. However, all 4 were lost in broken ground at depths of 20 to 55 m returning poor results over the short intervals covered. One hole was drilled in 2007 into a strong gold anomaly coincident with the hanging wall contact of a peridotite sill in the newly identified Nightmusic Zone northwest of the Jupiter Zone. This lone hole, hole SG07-22, encountered 8.4 m of 0.38 g/t Au just above the sill (Page, 2011).

From 2008 to 2010 Northern Tiger completed extensive exploration work on the Sonora Gulch property including: geological mapping, geochemical sampling, geophysical surveys and diamond drilling. This included the drilling of 10 holes in 2008 which returned 46 m of 2.97 g/t Au over the Nightmusic Zone, 12 holes in 2009 and 12 holes in 2010. Two of the holes in 2010 returned significant anomalies including 4 meters of 11.3 g/t Au and 233 g/t Ag over the Gold Vein Zone and 16 m of 1.88 g/t Au over the Jupiter Zone (Page, 2011).

Geology

The following on regional and property geology and structures is derived from Schulze (2007) which in turn is largely after Davidson (2000).

Regional Geology

The Sonora Gulch property within the Dawson Range lie within the Yukon-Tanana Terrane (YTT), a broad sequence of highly deformed metamorphic rocks accreted on North America along the northwest-southeast trending Tintina Fault (Figure 3). This major break separates YTT metamorphic rocks from shelf sediments to the northeast. Devonian-Mississippian metamorphic rocks making up the YTT consist mainly of metavolcanics with lesser metasediments. The sub-parallel Denali (Shakwak) Fault 140 km to the southwest forms the south western boundary of the YTT, separating it from a younger accreted terrane to the southwest.

Metavolcanic sequences making up the basement of the region include quartz-mica schist and quartz-feldspar to dioritic gneisses. These basement rocks have been intruded by the Cretaceous Dawson Range Batholith which intrudes the YTT over large areas of the Dawson Range. The batholith is made up of large quartz monzonite to granodiorite plutons with lesser high-level felsic porphyry plugs and sills. Locally, small Upper Cretaceous ultramafic sills are emplaced adjacent to major structures. Late Cretaceous Mount Nansen Group volcanic and hypabyssal igneous rocks are present as sills, dykes and flows overlain by mafic flows and pyroclastics of the early Tertiary Carmacks Group.

The Dawson Range is traversed by several regional-scale crustal breaks including the northwest-southeast trending Big Creek Fault. This fault, extends northwest from the Freegold Mountain area 40 km southeast of Sonora Gulch and continues on the northwest trend until it reaches Sonora Gulch. Here, under Hayes Creek Valley on the north side of the Property, the fault deflects to the west and continues on towards Casino.

Mineralized zones in this part of the Dawson Range have an affinity for the Big Creek Fault which seems to have had some control on the location significant prospects such Sonora Gulch, Freegold Mountain and the big porphyry system at Casino. The gold endowment of the trend is attested to by the significant placer development along drainages including Hayes Creek, Sonora Gulch and Klines Gulch on the Property.

Property Geology

The western portions of the Property (which would be everything west of a line roughly 1 km west of Hayes Creek) is underlain by Wolverine Creek metavolcanic and metasedimentary quartz-muscovite, biotite schist, hornblende schist and gneissic equivalents (Figure 4). The felsic metavolcanics include light brown weathering felsic tuffs, which are now quartz muscovite schist, with boudinaged quartz and veins and patchy sulfide blebs. Thin and less common metasedimentary units are now melanocratic schists with a strong northwest trending foliation that parallels stratigraphy.

The Wolverine Creek rocks were first intruded by Cretaceous east-west trending pyroxenite to gabbro sills of varying widths with the largest shown by regional airborne magnetics to have at least a 5 km strike . Along contacts the sills exhibit intense listwanitic alteration with quartz carbonate veining and abundant magnetite. The main intrusive event of the Cretaceous in the region was the intrusion of the coarse grained Dawson Range Batholith. This composite intrusion, where it underlies the south western portion of the Property, is described as a coarse grained, buff to pink granite.

While the Dawson Range Batholith is the major intrusive event of the region the subsequent emplacement of quartz-feldspar and feldspar porphyries is of potentially much greater economic significance. This event is either part of the Late Cretaceous Prospector Mountain Intrusive event or the subsequent Mt. Nansen-Carmacks igneous event. The monzonite to quartz monzonite porphyry stocks have intruded the Wolverine Creek sequence along the northern boundary of the Dawson Range Batholith with the Gold vein zone ("GVZ") porphyry exposed over an 800 by 800 metre area, a porphyry in the Figaro Zone exposed over a 450 by 450 metre area, and the Amadeus porphyry exposed over a 200 by 500 metre area. The airborne

magnetic data indicate that an area 4500 metres long by up to 1500 metres wide running from 700 metres east of the Amadeus Zone to 500 metres west of the GVZ is underlain by more porphyry than indicated by surface mapping. All the porphyries have pronounced northwest-southeast trending fractures presumably related to the west northwest trending Big Creek Fault (Figure 5).

The quartz feldspar porphyry stock of the GVZ area west of Hayes Creek has weak argillic to propylitic alteration and hosts grey to white quartz veining with minor amounts of chalcopyrite and molybdenite. Wolverine Creek metavolcanics in contact with the porphyry are silicified or altered calc-silicate skarn but retain a well developed north dipping foliation that giving the rocks the appearance of having a thinly bedded fabric. On the north side of the stock a zone of silicification and calc silicate alteration extends up to 150 m into the metavolcanics giving way to 200 metres of phyllic to argillic altered metavolcanics. Further away from the stock there is only background propylitic alteration of the metamorphic rocks.

Mapping east of Hayes Creek led to identification of an east-west trending strongly leached Amadeus feldspar porphyry stock, which exhibits moderate to strong argillic and phyllic alteration. Surrounding Wolverine Creek granite gneiss has seen moderate silicification to phyllic alteration, with intercalated metavolcanics seeing less quartz veining.

Structures

On the Sonora Gulch property, porphyry style mineralization is associated with quartz-feldspar and feldspar porphyries. These important 75 Ma porphyries were emplaced along the northwest-southeast trending Big Creek Fault and the margins of the Dawson Range batholith. Intrusion was followed by late stage introduction of galena bearing mesothermal quartz veins along northwest-southeast trending faults. Reactivation along faults is evidenced by slickensides and brecciation found within many of these larger veins.

The 2004 and 2006 mapping programs showed the Big Creek Fault to project along the “Tetradymite Vein Zone” north of the GVZ quartz-feldspar porphyry stock. The northwest-southeast orientation of this fault is consistent with the dominant structural trend in the property area. The Big Creek Fault extends through the area where Firestone’s 2004 sampling confirmed earlier high grade gold mineralization near the intrusive margin, returning a value of 10.1 g/t across 0.7 m from Trench T84-14.

Although no direct evidence has been found for a major fault zone extending north-south along Hayes Creek, where it runs north south on the west side of the Amadeus Zone, there appears to be sinistral shear with northward displacement of one to two kilometres along the east side. Igneous units east of Hayes Creek have developed a strong gneissic fabric on approach to the valley while no such phenomenon is seen in rocks on the west side of Hayes Creek. In the eastern part of the Property three foliation orientations are present. One strikes east-west with a moderate dip to the south roughly parallel to stratigraphy. A second trend, which is particularly well developed near Hayes Creek, strikes north-south and has associated quartz veining with both foliation and veining dipping steeply to the east or west. The third foliation is likely related to movement on the Big Creek Fault and strikes northwest-southeast with steep dips to the southwest and northeast.

Deposit Types

The following was taken from Page (2011).

The Tintina Gold Belt is an arcuate belt of mid to late Cretaceous intrusive-related hydrothermal deposits starting in southwest Alaska and extending across the width of Alaska into central Yukon and down to the Yukon-British Columbia border. This belt hosts some of the world’s largest gold districts including Donlin Creek, Alaska and the Fairbanks and Klondike placer districts of Alaska and the Yukon respectively. Both of these great placer districts have now been shown to also host large hard rock deposits as at Kinross Gold’s Fort Knox, Alaska intrusion hosted deposit and at its White Gold, Yukon breccias structurally hosted deposit. The Tintina Belt is also host to mineralized porphyries (generally with significant gold as at Casino), endoskarns, exoskarns, replacement deposits, epithermal gold deposits; and vein-style lead-zinc-silver deposits.

Legend

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

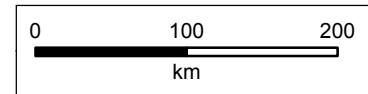
- AA Arctic Alaska

Intermontane

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America

- CA Cassiar
- NAb basinal facies
- NAP shelf facies
- NAc craton & cover



Copyright © 2011
Yukon Geological Survey

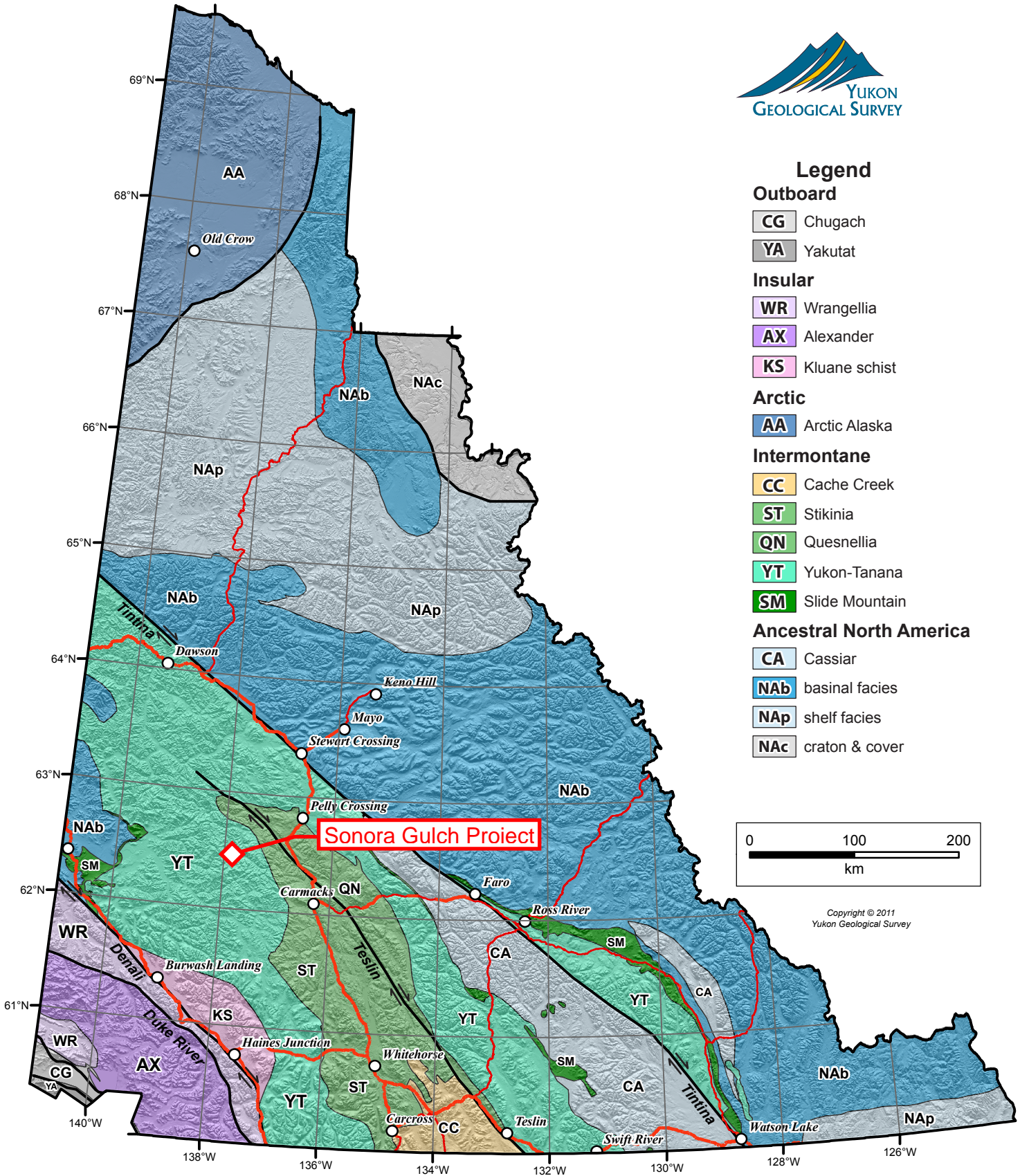


Figure 3 - Yukon Tectonic Map

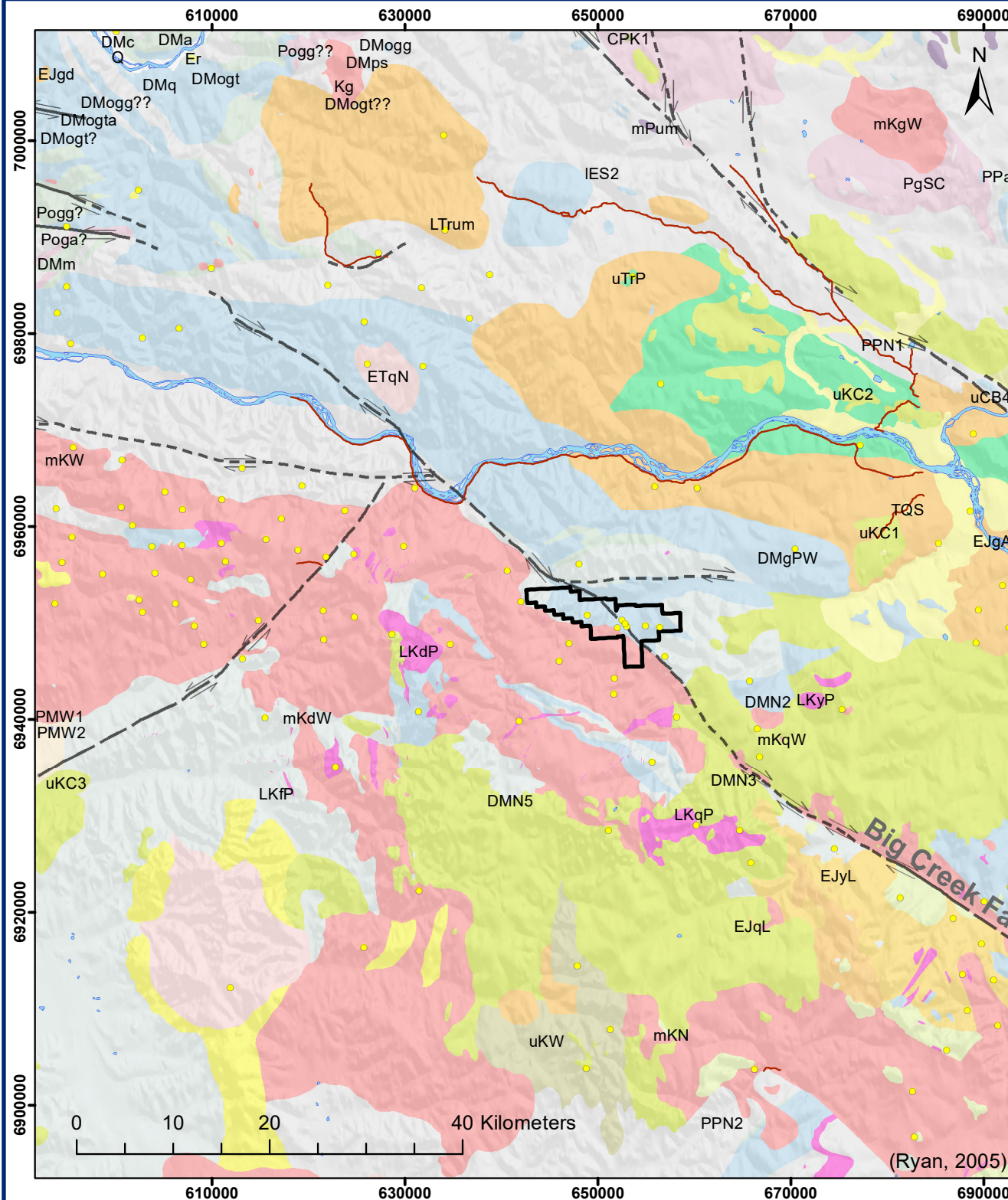


TAKU GOLD
CORP.

Sonora Gulch
Figure 4 - Regional Geology

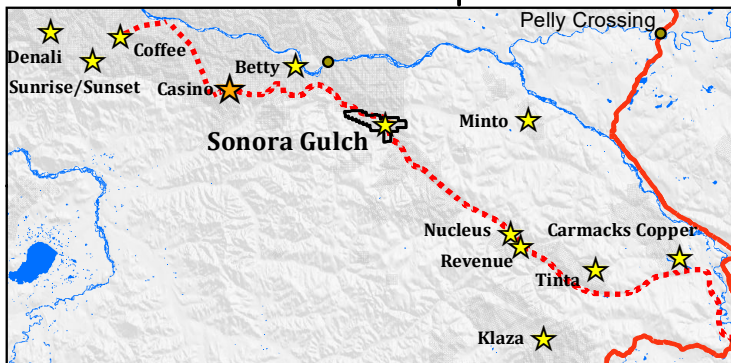
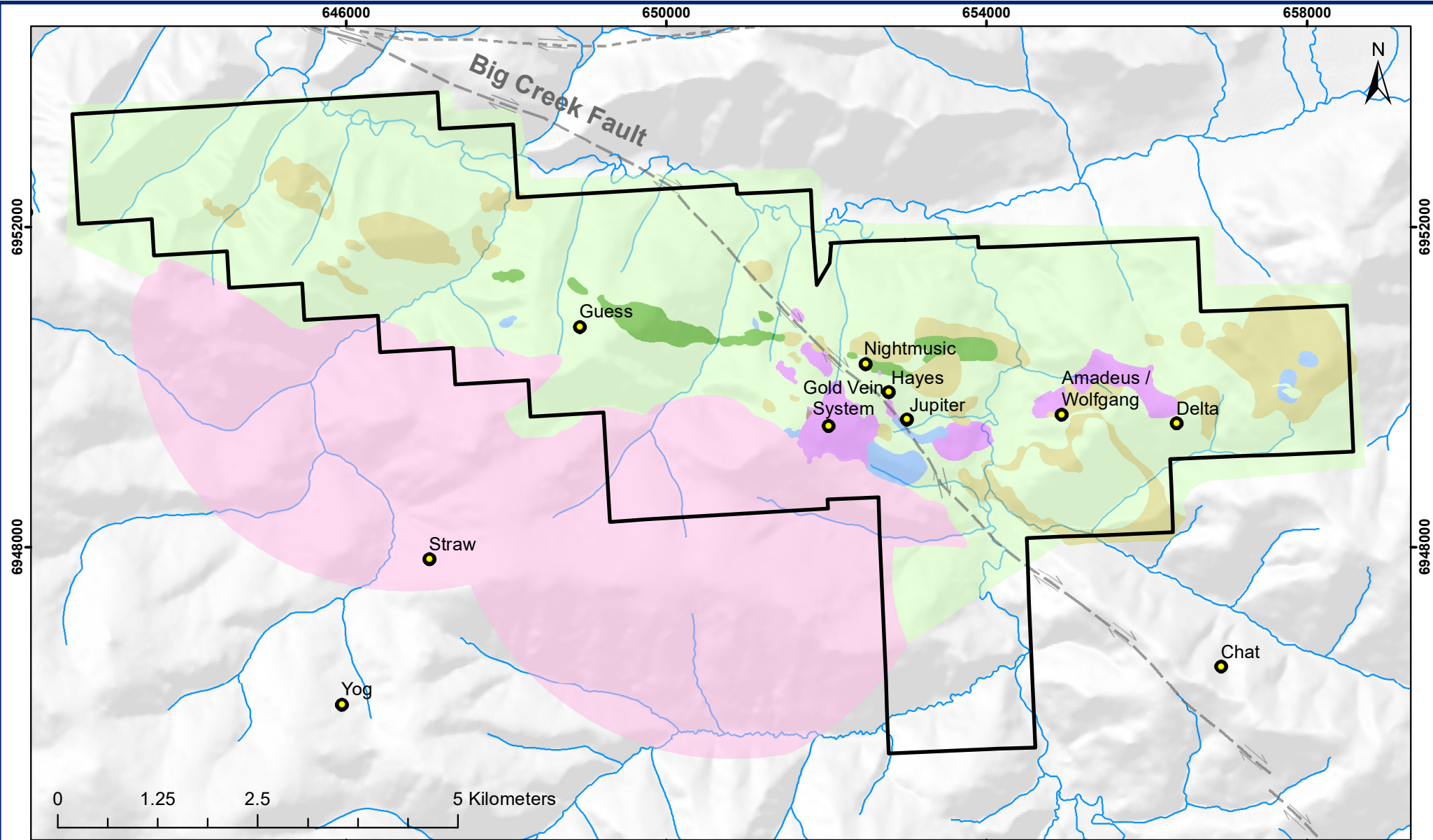
Geology

- Unconsolidated Neogene Sediments
- Nisling Range Plutonic Suite
- Prospector Mountain Plutonic Suite
- Whitehorse Plutonic Suite
- Aishihik Plutonic Suite
- Long Lake Plutonic Suite
- Selkirk Volcanics
- Skukum Volcanics
- Carmacks Group
- Windy Table Group
- Mount Nansen Volcanics
- Povoas Formation
- Semenof Formation
- Windy Group
- Sulphur Creek Plutonic Suite
- Klondike Schist
- Devonian to Mississippian amphibolite schist and gneiss
- Paleozoic Ultramafics
- Simpson Range Plutonic Suite
- Nasina Assemblage
- Nisling-Snowcap Assemblage



(Ryan, 2005)

Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator
Datum: WGS 1984



TAKU GOLD
CORP.

Sonora Gulch

Figure 5 - Property Geology

- Ultramafic
- Diorite schist and gneiss
- Granite gneiss
- Schist and gneiss
- Quartz-feldspar porphyry
- Quartz-feldspar porphyry breccia
- Biotite quartz monzonite
- Strike slip, approximate
- Strike slip, inferred
- Mineral Occurrences

At Sonora Gulch the presence of altered porphyries and the Cu-Mo-Au geochemical signature to long porphyry intercepts argues for a standard porphyry copper setting. However, drilling to date has failed to deliver long intercepts of plus 0.1% Cu as might be expected in a well mineralized porphyry setting. With the shallow depth to drilling, particularly in the GVZ porphyry, there is still a chance for a significant porphyry discovery. However, if an economic gold deposit is present the greatest potential at present is for breccia bodies, contact skarns and epithermal stockworks (as evidenced by high arsenic-antimony values with some mineralization – which could also be orogenic). Another alternative (Schulze, 2007) is for Brewery Creek type mineralization characterized by quartz stockworks and disseminated pyrite with sub-micron gold in pyrite.

There is also a significant amount of mineralization encountered at Sonora Gulch that is not widely dispersed through porphyries but concentrated in relatively narrow zones of veining or in skarn. One of the earliest identified of these is the “Tetradymite Vein System” which has quartz veins concentrated along the Big Creek Fault. Schulze (2007) sees these as being stockwork mineralization related distally to one of the porphyries.

The conclusion based on drill results to date is that Sonora Gulch at a minimum has two poorly developed porphyry Cu-Mo-Au centers. However, a well mineralized center has yet to be encountered.

The strongest gold anomaly at Sonora Gulch is in the heart of the Amadeus Zone, but the gold in soil anomaly extends from 1500 metres east of Amadeus for 9 kilometres to west. Schulze (2007) sees the gold being related to quartz pyrite stringer zones emplaced along steeply south-dipping breccias within porphyries or along porphyry – gneiss contacts. This gold dominated mineralization could be epithermal in origin and either post date the porphyries or be high level mineralization above a porphyry.

Minor exoskarn occurrences have been identified in the Jupiter and Nightmusic Zones north of the GVZ quartz feldspar porphyry. At Nightmusic, north of the GVZ, some of the gold zones are emplaced along the hanging wall of a west northwest striking ultramafic sill which appears to have acted as a barrier to hydrothermal solutions and allowed for the intense fluid – rock interaction required to convert a metavolcanic rock to skarn.

Both the classic porphyry and the Brewery Creek type deposits have relatively large “footprints” and present targets with large tonnage - low grade potential. The other occurrence types, whether breccia, skarn, epithermal or orogenic, while not precluded from ultimately being very large, will more likely present smaller but potentially much higher grade gold-silver targets.

2017 Exploration Work

A soil geochemical survey was completed on the Sonora Gulch property on August 7th, 2017 by a five-man with a helicopter set-out from Dawson City located approximately 170km to the northwest. Final results from the analytical work were received on September 18, 2017. Professional Geologist Marty Huber the (“Junior Author”) compiled the field data into digital maps and wrote this report up to November 28, 2017. A detailed “Statement of Work” is included herein as Appendix A. The work was planned and managed on a day-to-day basis by the Junior Author.

Soil Geochemical Survey

A total of 151 deep-auger-type soil samples were collected with hand augers at 50m sample intervals on pre-determined grids with lines spaced 100m. Sample locations were tagged in the field and recorded with HP iPAQ 200 series field computers running GeoInfoMobile and Tierra Mapper software paired with Holux GPS receivers in map datum UTM WGS84 Zone 7N. Sample locations (Figure 6) and descriptions are included as Appendix B. Soil sample material consisted primarily of lithosoil. Soil samples were placed in Kraft-type paper bags affixed with barcode stickers with appropriate sample numbers. Batches of samples were subsequently dried, sealed in rice bags and shipped to Bureau Veritas in Vancouver, B.C. for analysis. Samples were dried and sieved to -80 mesh size and analyzed for 36 elements (including gold) by 15 gram (g) Aqua Regia digestion, ICP-MS finish (Appendix C). BV is accredited under ISO 9001.

It is the Authors' opinion that the sampling procedures, security measures, sample preparations and analytical methods applied to the soil, rock and core samples were diligently followed and are adequate to meet industry standards commonly accepted or this level of exploration. The authors have relied upon the adequacy and accuracy of the analytical results provided by BV. Independent verification of those results has not been undertaken. The Junior Author reconciled the field data with the analytical results and found one irregularity, sample 202360 (which was included with job WHI17000601, Appendix C) was not taken from the Sonora Gulch property and was subsequently removed from the dataset.

Results

Samples returned gold values from below detection (i.e. <0.5 ppb Au) to a maximum of 109.9 ppb Au with several samples returning anomalous gold values (i.e. > 20 ppb Au). Anomalous samples are primarily localized towards the southern portion of the grid trending in a roughly northeast direction. Arsenic values appear to trend well with gold values and range up to 458 ppm As.

Interpretation of Results and Conclusions

The 2017 soil geochemical work was successful in filling in gaps between previously completed geochemical grids. The overall Au trends show some correlation with the previous samples, however not in the orientation that was expected (i.e. southeast-northwest to join the previously exposed anomalies instead they trend northeast-southwest; Figure 8). The overall extent of the soil anomaly covers a strike of over 8 km east-west continuously and up to 1.5 km north-south. The precious and base metal anomalies exposed from all previous geochemical, geological and geophysical work on the property have adequately defined limits for future exploration and focus should remain on further defining the known zones: Gold vein, Nightmusic and Amadeus.

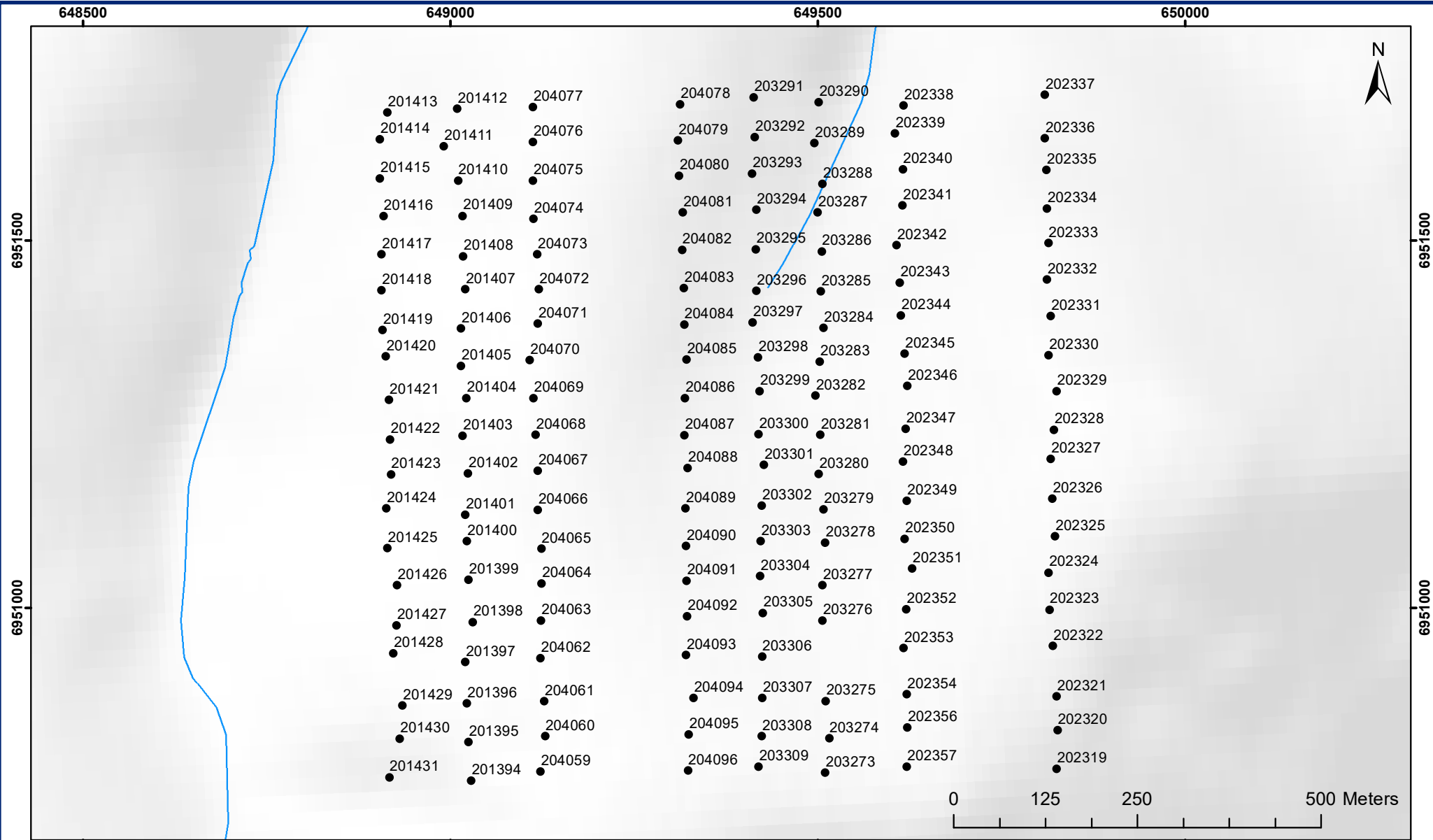
Recommendations

It is recommended that all data; drill logs, geological mapping, geochemical surveys, geophysics be compiled into 3D models and further interpreted to define future drill targets. It is estimated this would cost approximately \$20,000 to compile results and produce confident targets.

References

- Bennett, V., Colpron, M, and Burke, M. 2010: Current thinking on Dawson Range Tectonics and Metallogeny, Yukon Geologic Survey Miscellaneous Report #2.
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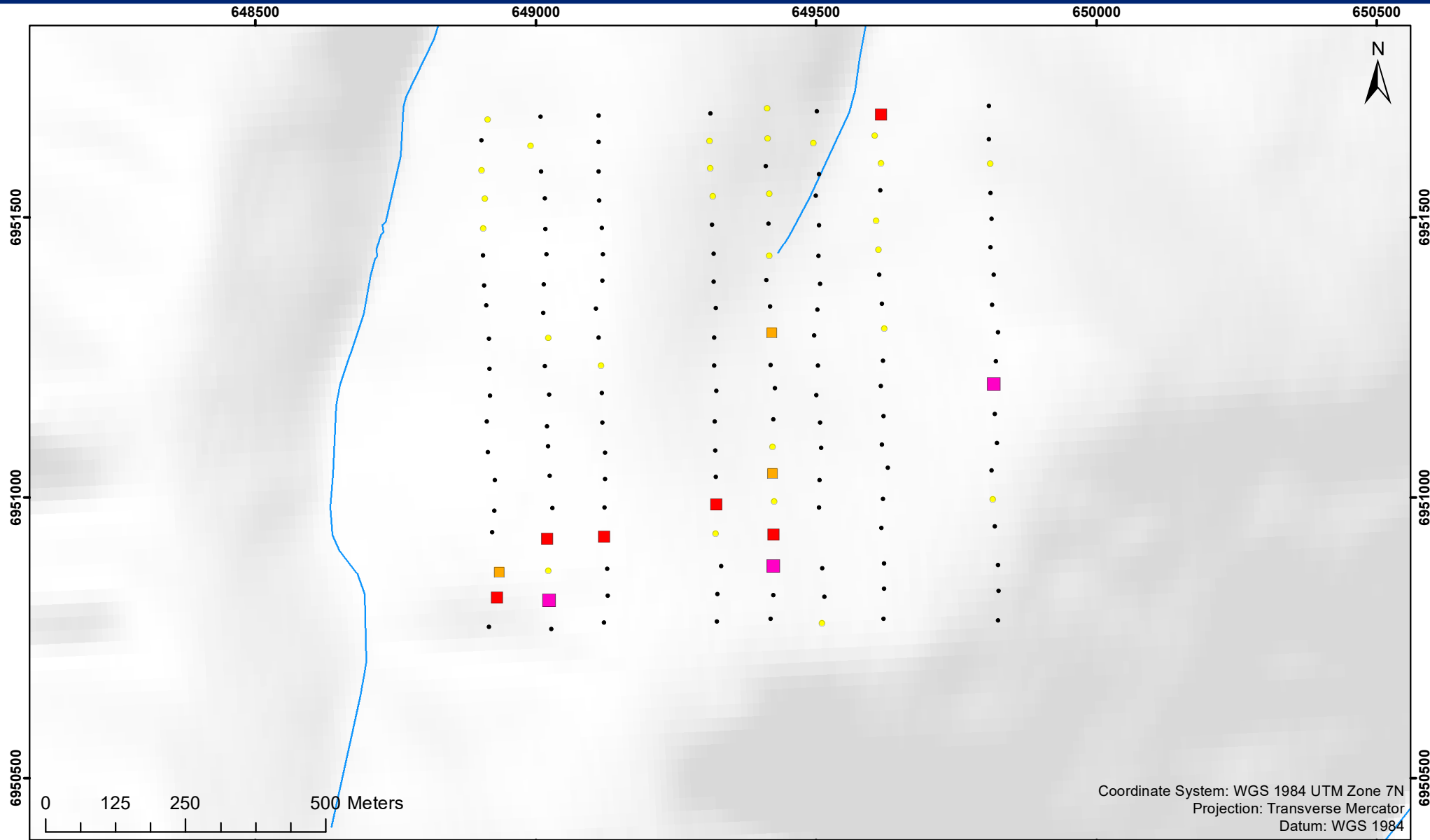
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- Schulze, C.M., 2007: Technical report on the 2006 and 2007 Exploration Programs on the Sonora Property, Dawson Range-Yukon. NI 43-101 report for Firestone Ventures Corp.



TAKU GOLD
CORP.

Sonora Gulch
Figure 6 - Sample Locations 2017

Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator
Datum: WGS 1984

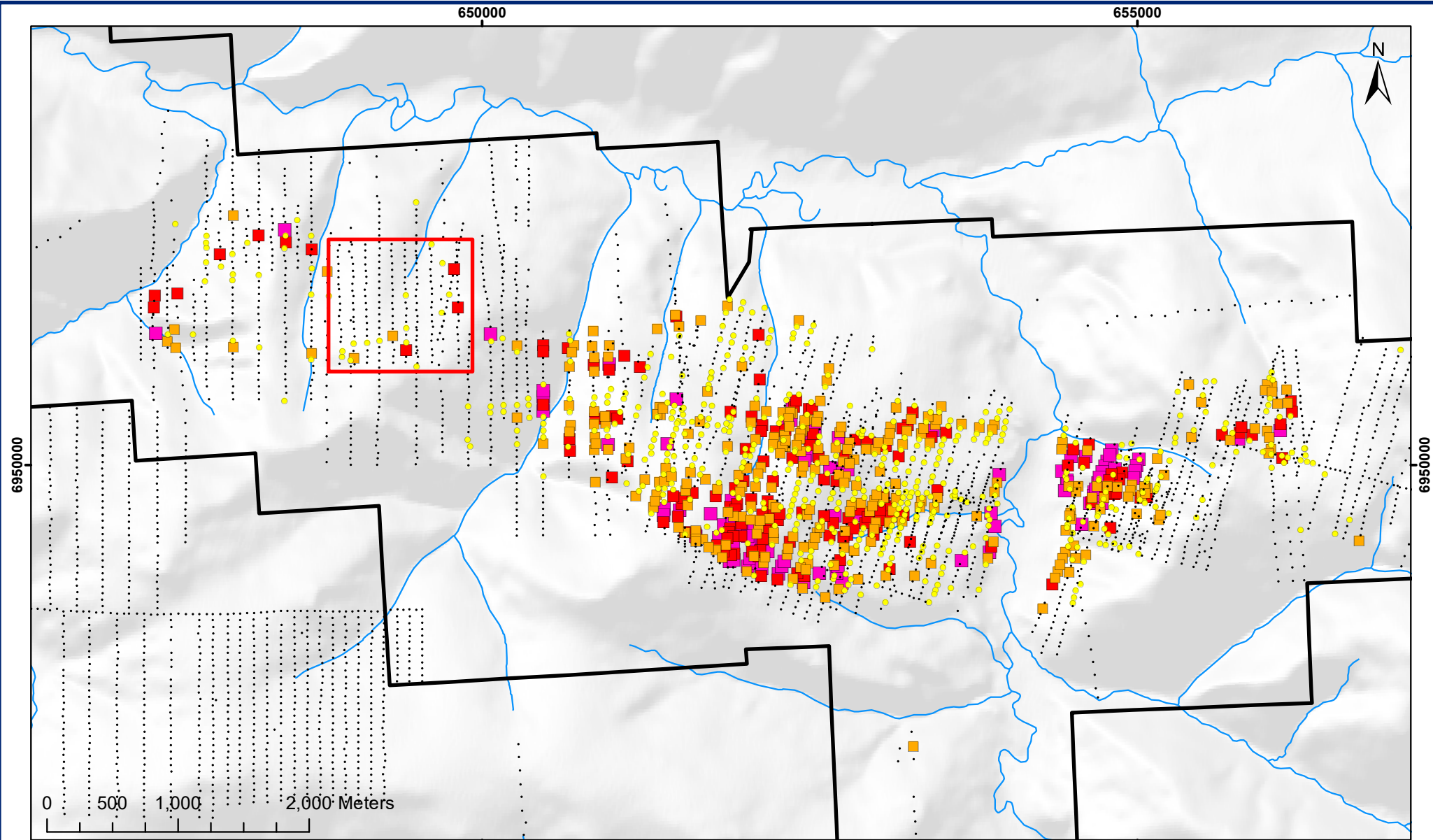


TAKU GOLD
CORP.

Sonora Gulch
Figure 7 - Soil Results 2017

Soil Au ppb

- 1 - 10
- 10 - 20
- 20 - 30
- 30 - 60
- 60 - 110



TAKU GOLD
CORP.

Sonora Gulch

Figure 8 - Soil Compilation 2004 - 2017

Soil Au ppb

- 0 - 20
- 20 - 50
- 50 - 100
- 100 - 200
- 200 - 2340

Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator
Datum: WGS 1984

Appendix A - Statement of Work Expenditures

APPLICATION FOR A CERTIFICATE OF WORK

I, _____,
Agent for Taku Gold Corp.
of 1740 chemin Sullivan, bur 1100 Val-d'Or, Quebec J9P 7H1
Phone 819 354-5244
Client I.D. Number: _____
make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

See attached "List of Claims"

situated at Sonora Gulch Claim sheet No. 115J09

in the Whitehorse Mining District, to the value of at least \$12,696.48 dollars,

since the 1st day of August 2017,

to represent the following mineral claims under the authority of Grouping Certificate No. HW07663.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

See attached "List of Claims"

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

On August 7, 2017, a crew of five flew from Dawson to the Sonora Gulch property. A total of 152 soil samples were collected on a block of 9 contiguous claims in the central part of the property. Repairs were done to the camp and

the 2 geologists examined drill core. Bureau Veritas delivered sample results on September 8, 2017.

Geologist Marty Huber prepared maps and the report to December 7, 2017

Sworn before me at Whitehorse this _____ day of December 2017.

Notary Public

Owner or Authorized Agent

Statement of Expenses 2017 Sonora - Geochem

Project	Sonora Gulch						
5100	Geochem						
Field	Aug-17	Sep-17					
Report	Dec-17						
Code	Activity	Item	Date Invoice	Supplier Invoice	No. Invoice	Amount	Totals
5150	Geochem	Wages & Contract					
		Geologist M.Huber	15-Sep-17	BXM	1181	\$600.00	
		Geologist D.Wales	15-Sep-17	BXM	1181	\$375.00	
		Junior Techs (3)	15-Sep-17	BXM	1181	\$840.00	
		Geologist M.Huber	8-Dec-17	BXM	1216	\$1,200.00	
							\$3,015.00
5151	Geochem	F&L					
		\$150 per manday	15-Sep-17	BXM	1181	\$900.00	
							\$900.00
5152	Geochem	Supplies					
		Bags, tags etc.	15-Sep-17	BXM	1181	\$387.50	
							\$387.50
5153	Geochem	Transport					
		Truck & Fuel	15-Sep-17	BXM	1181	\$200.00	
		Helicopter	7-Aug-17	Heli-Dynamics	14314	\$4,647.50	
							\$4,847.50
5154	Geochem	Rentals					
		FM radios, GPS etc.	15-Sep-17	BXM	1181	\$70.00	
		GIS Lic.	8-Dec-17	BXM	1216	\$20.00	
							\$90.00
5155	Geochem	Data, printing etc.					
						\$0.00	
							\$0.00
5156	Geochem	Assay					
		152 samples	8-Sep-17	BV	279918	\$3,456.48	
							\$3,456.48
5157	Geochem	Other					
						\$0.00	
							\$0.00
							\$12,696.48
						Claims Worked	9
						Cost per Claim	\$1,410.72

Claim List Work 2017 Sonora

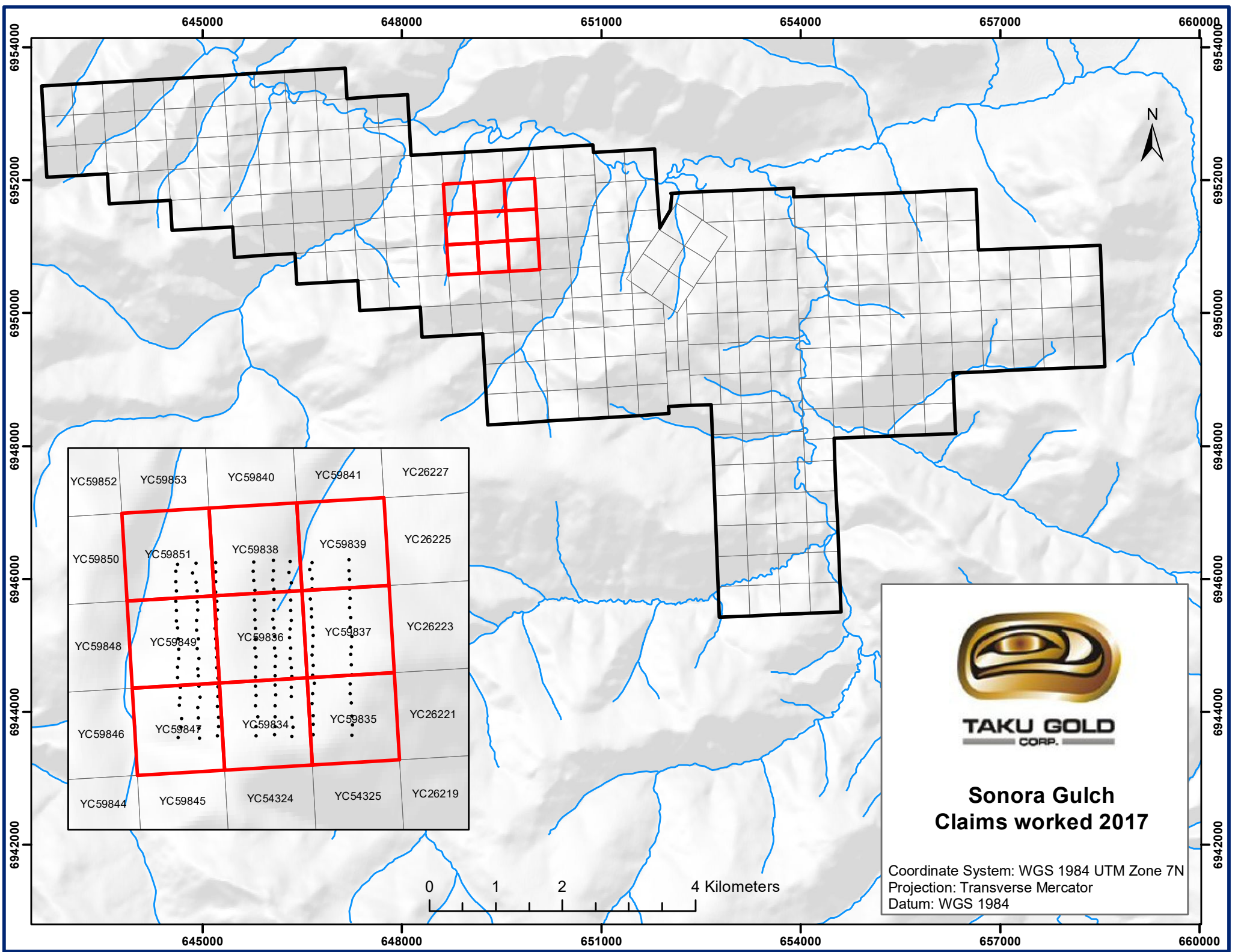
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YC59864	STRAUSS	31	22-Dec-17	22-Dec-20			3	\$ 5.00	\$ 15.00
YC59866	STRAUSS	33	22-Dec-17	22-Dec-20			3	\$ 5.00	\$ 15.00
YC59868	STRAUSS	35	22-Dec-17	22-Dec-20			3	\$ 5.00	\$ 15.00
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YC59879	STRAUSS	46	22-Dec-17	22-Dec-20			3	\$ 5.00	\$ 15.00
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YC59897	STRAUSS	64	22-Dec-20					\$ 5.00	\$ -
YC59899	STRAUSS	66	22-Dec-20					\$ 5.00	\$ -
YC59900	STRAUSS	67	22-Dec-20					\$ 5.00	\$ -

Claim List Work 2017 Sonora

Claim Information					Actual Work Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Soil Geochem	Years	Annual Fee	Total
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YC59840	STRAUSS	7	22-Dec-21				\$ 5.00	\$ -
YC59841	STRAUSS	8	22-Dec-21				\$ 5.00	\$ -
YC59842	STRAUSS	9	22-Dec-21				\$ 5.00	\$ -
YC59844	STRAUSS	11	22-Dec-21				\$ 5.00	\$ -
YC59855	STRAUSS	22	22-Dec-21				\$ 5.00	\$ -
YC59865	STRAUSS	32	22-Dec-21				\$ 5.00	\$ -
YC59867	STRAUSS	34	22-Dec-21				\$ 5.00	\$ -
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YC59838	STRAUSS	5	22-Dec-22		\$1,410.72		\$ 5.00	\$ -
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YC57927	STONE	47	22-Dec-24				\$ 5.00	\$ -

Claim List Work 2017 Sonora

Claim Information					Actual Work Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Soil Geochem	Years	Annual Fee	Total
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YC57930	STONE	50	22-Dec-24				\$ 5.00	\$ -
YC59834	STRAUSS	1	22-Dec-24		\$1,410.72		\$ 5.00	\$ -
YC59835	STRAUSS	2	22-Dec-24		\$1,410.72		\$ 5.00	\$ -
YC59836	STRAUSS	3	22-Dec-24		\$1,410.72		\$ 5.00	\$ -
YC59846	STRAUSS	13	22-Dec-24				\$ 5.00	\$ -
YC59848	STRAUSS	15	22-Dec-24				\$ 5.00	\$ -
YC59849	STRAUSS	16	22-Dec-24		\$1,410.72		\$ 5.00	\$ -
YC59850	STRAUSS	17	22-Dec-24				\$ 5.00	\$ -
YC59851	STRAUSS	18	22-Dec-24		\$1,410.72		\$ 5.00	\$ -
YA03891	SAM	23	22-Dec-29				\$ 5.00	\$ -
YA03892	SAM	24	22-Dec-29				\$ 5.00	\$ -
YA03779	SWEDE	1	22-Dec-30				\$ 5.00	\$ -
YA03780	SWEDE	2	22-Dec-30				\$ 5.00	\$ -
YA03781	SWEDE	3	22-Dec-30				\$ 5.00	\$ -
YA03782	SWEDE	4	22-Dec-30				\$ 5.00	\$ -
YA03784	SWEDE	6	22-Dec-30				\$ 5.00	\$ -
YA03877	SAM	9	22-Dec-30				\$ 5.00	\$ -
YA03878	SAM	10	22-Dec-30				\$ 5.00	\$ -
YA03879	SAM	11	22-Dec-30				\$ 5.00	\$ -
YA03880	SAM	12	22-Dec-30				\$ 5.00	\$ -
YA03889	SAM	21	22-Dec-30				\$ 5.00	\$ -
YA03893	SAM	25	22-Dec-30				\$ 5.00	\$ -
YA03894	SAM	26	22-Dec-30				\$ 5.00	\$ -
YA03895	SAM	27	22-Dec-30				\$ 5.00	\$ -
YA03896	SAM	28	22-Dec-30				\$ 5.00	\$ -
YA03897	SAM	29	22-Dec-30				\$ 5.00	\$ -
YA03898	SAM	30	22-Dec-30				\$ 5.00	\$ -
YA03910	SAM	42	22-Dec-30				\$ 5.00	\$ -
YA03911	SAM	43	22-Dec-30				\$ 5.00	\$ -
YA03912	SAM	44	22-Dec-30				\$ 5.00	\$ -
YA08277	SAM	89	22-Dec-30				\$ 5.00	\$ -
YA08278	SAM	90	22-Dec-30				\$ 5.00	\$ -
YA08281	SAM	93	22-Dec-30				\$ 5.00	\$ -
YA08282	SAM	94	22-Dec-30				\$ 5.00	\$ -
YA08283	SAM	95	22-Dec-30				\$ 5.00	\$ -
YA08284	SAM	96	22-Dec-30				\$ 5.00	\$ -
YC26206	SAM	40	22-Dec-30				\$ 5.00	\$ -
YC26217	S	5	22-Dec-30				\$ 5.00	\$ -
YC26219	S	7	22-Dec-30				\$ 5.00	\$ -
YC26221	S	9	22-Dec-30				\$ 5.00	\$ -
YC26223	S	11	22-Dec-30				\$ 5.00	\$ -
YC26224	S	12	22-Dec-30				\$ 5.00	\$ -
YC26225	S	13	22-Dec-30				\$ 5.00	\$ -
YC26226	S	14	22-Dec-30				\$ 5.00	\$ -
YC26227	S	15	22-Dec-30				\$ 5.00	\$ -
YC26228	S	16	22-Dec-30				\$ 5.00	\$ -
YC26229	S	117	22-Dec-30				\$ 5.00	\$ -
YC29893	STONE	21	22-Dec-30				\$ 5.00	\$ -
YC29894	STONE	22	22-Dec-30				\$ 5.00	\$ -
YC29895	STONE	23	22-Dec-30				\$ 5.00	\$ -
YC29896	STONE	24	22-Dec-30				\$ 5.00	\$ -
YC29897	STONE	25	22-Dec-30				\$ 5.00	\$ -
YC29898	STONE	26	22-Dec-30				\$ 5.00	\$ -
YC29899	STONE	27	22-Dec-30				\$ 5.00	\$ -
YC29900	STONE	28	22-Dec-30				\$ 5.00	\$ -
YC29901	STONE	29	22-Dec-30				\$ 5.00	\$ -
YC29902	STONE	30	22-Dec-30				\$ 5.00	\$ -
YC29903	STONE	31	22-Dec-30				\$ 5.00	\$ -
YC29904	STONE	32	22-Dec-30				\$ 5.00	\$ -
YC29905	STONE	33	22-Dec-30				\$ 5.00	\$ -
YC29906	STONE	34	22-Dec-30				\$ 5.00	\$ -
YC26162	SWEDE	5	22-Dec-31				\$ 5.00	\$ -
YC26163	STONE	1	22-Dec-31				\$ 5.00	\$ -
YC26164	STONE	2	22-Dec-31				\$ 5.00	\$ -
YC26165	STONE	3	22-Dec-31				\$ 5.00	\$ -
YC26166	STONE	4	22-Dec-31				\$ 5.00	\$ -
YC26167	STONE	5	22-Dec-31				\$ 5.00	\$ -



YC59852	YC59853	YC59840	YC59841	YC26227
YC59850	YC59851	YC59838	YC59839	YC26225
YC59848	YC59849	YC59836	YC59837	YC26223
YC59846	YC59847	YC59834	YC59835	YC26221
YC59844	YC59845	YC54324	YC54325	YC26219



TAKU GOLD
CORP.

**Sonora Gulch
Claims worked 2017**

Coordinate System: WGS 1984 UTM Zone 7N
Projection: Transverse Mercator
Datum: WGS 1984

Appendix B - Sample Locations and Descriptions

Appendix B - Sample Locations and Descriptions

Sample	SampleDate	Sampler	Elevation	Easting	Northing	EastNorthDatum	SampleType	S_Colour	S_Texture	S_Terrain	Horizon	Depth	S_Moisture	S_Quality	S_Vegetation
201394	2017-08-07	CodyReeves	1022.3	649029	6950765	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201395	2017-08-07	CodyReeves	1025.3	649025	6950818	UTMZ7N_WGS84	Lithosoil	BrownLight	Silt	Ridge	C	50	Moist	Good	ForestMixed
201396	2017-08-07	CodyReeves	1030.9	649023	6950870	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	45	Frozen	Good	ForestMixed
201397	2017-08-07	CodyReeves	1027.5	649020	6950927	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	60	Moist	Excellent	ForestMixed
201398	2017-08-07	CodyReeves	1027.6	649030	6950981	UTMZ7N_WGS84	Lithosoil	RustyOrange	Sand	Ridge	C	45	Dry	Excellent	ForestMixed
201399	2017-08-07	CodyReeves	1013.3	649025	6951038	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	45	Moist	Good	ForestMixed
201400	2017-08-07	CodyReeves	1014	649022	6951091	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	40	Frozen	Poor	ForestMixed
201401	2017-08-07	CodyReeves	993.4	649020	6951127	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	40	Frozen	Poor	ForestMixed
201402	2017-08-07	CodyReeves	989.7	649024	6951183	UTMZ7N_WGS84	Lithosoil	BrownDark	Silt	Ridge	B	50	Frozen	Good	ForestMixed
201403	2017-08-07	CodyReeves	979.3	649017	6951234	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201404	2017-08-07	CodyReeves	971.9	649022	6951285	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	70	Moist	Excellent	ForestMixed
201405	2017-08-07	CodyReeves	960.9	649014	6951329	UTMZ7N_WGS84	Lithosoil	BrownLight	Silt	Ridge	C	50	Moist	Good	ForestMixed
201406	2017-08-07	CodyReeves	945.5	649014	6951380	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201407	2017-08-07	CodyReeves	930.6	649020	6951434	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	B	45	Frozen	Good	ForestMixed
201408	2017-08-07	CodyReeves	925.4	649018	6951479	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	C	50	Wet	Good	ForestMixed
201409	2017-08-07	CodyReeves	917	649017	6951533	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201410	2017-08-07	CodyReeves	923.1	649011	6951581	UTMZ7N_WGS84	Lithosoil	Brown	Sand	Ridge	C	50	Moist	Good	ForestMixed
201411	2017-08-07	CodyReeves	906.8	648991	6951628	UTMZ7N_WGS84	Lithosoil	BrownDark	Silt	Ridge	B	40	Frozen	Poor	ForestMixed
201412	2017-08-07	CodyReeves	893.5	649009	6951679	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	45	Frozen	Good	ForestMixed
201413	2017-08-07	CodyReeves	881.4	648915	6951674	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	45	Frozen	Poor	ForestMixed
201414	2017-08-07	CodyReeves	851.8	648904	6951637	UTMZ7N_WGS84	Lithosoil	BrownDark	Silt	Ridge	C	40	Moist	Good	ForestMixed
201415	2017-08-07	CodyReeves	859	648904	6951584	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	50	Frozen	Good	ForestMixed
201416	2017-08-07	CodyReeves	874.3	648909	6951533	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	55	Dry	Excellent	ForestMixed
201417	2017-08-07	CodyReeves	891.5	648906	6951481	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	60	Dry	Excellent	ForestMixed
201418	2017-08-07	CodyReeves	898.7	648907	6951432	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201419	2017-08-07	CodyReeves	916.6	648908	6951378	UTMZ7N_WGS84	Lithosoil	BrownLight	Clay	Ridge	C	60	Moist	Excellent	ForestMixed
201420	2017-08-07	CodyReeves	923.5	648913	6951342	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Dry	Excellent	ForestMixed
201421	2017-08-07	CodyReeves	937.6	648917	6951283	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	50	Frozen	Good	ForestMixed
201422	2017-08-07	CodyReeves	955.2	648918	6951229	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	55	Dry	Excellent	ForestMixed
201423	2017-08-07	CodyReeves	966	648919	6951182	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	45	Moist	Good	ForestMixed
201424	2017-08-07	CodyReeves	972.9	648913	6951136	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Excellent	ForestMixed
201425	2017-08-07	CodyReeves	983.5	648915	6951081	UTMZ7N_WGS84	Lithosoil	Brown	Silt	Ridge	B	45	Frozen	Good	ForestMixed
201426	2017-08-07	CodyReeves	996.2	648927	6951031	UTMZ7N_WGS84	Lithosoil	BrownLight	Silt	Ridge	C	45	Wet	Good	ForestMixed
201427	2017-08-07	CodyReeves	994	648927	6950977	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	55	Moist	Excellent	ForestMixed

Appendix B - Sample Locations and Descriptions

Sample	SampleDate	Sampler	Elevation	Easting	Northing	EastNorthDatum	SampleType	S_Colour	S_Texture	S_Terrain	Horizon	Depth	S_Moisture	S_Quality	S_Vegetation
201428	2017-08-07	CodyReeves	993.6	648922	6950938	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Excellent	ForestMixed
201429	2017-08-07	CodyReeves	997.8	648935	6950867	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	50	Moist	Good	ForestMixed
201430	2017-08-07	CodyReeves	999.4	648931	6950822	UTMZ7N_WGS84	Lithosoil	BrownLight	Silt	Ridge	C	55	Moist	Good	ForestMixed
201431	2017-08-07	CodyReeves	983.1	648917	6950770	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	Ridge	C	45	Moist	Good	ForestMixed
202319	2017-08-07	KieranTompkins	1051.3	649825	6950781	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateE	C	35	Moist	Good	ForestMixed
202320	2017-08-07	KieranTompkins	1054.2	649826	6950834	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateE	C	40	Dry	Good	ForestMixed
202321	2017-08-07	KieranTompkins	1047.5	649825	6950880	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateE	C	30	Dry	Poor	ForestMixed
202322	2017-08-07	KieranTompkins	1039.5	649820	6950948	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNE	C	50	Moist	Good	ForestMixed
202323	2017-08-07	KieranTompkins	1034.4	649815	6950998	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNE	C	40	Moist	Good	ForestMixed
202324	2017-08-07	KieranTompkins	1031.2	649814	6951048	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	40	Moist	Good	ForestMixed
202325	2017-08-07	KieranTompkins	1026.2	649823	6951097	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	70	Moist	Good	ForestBlackSpruce
202326	2017-08-07	KieranTompkins	1016.5	649819	6951149	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	60	Moist	Good	ForestBlackSpruce
202327	2007-09-01	KieranTompkins	1017.3	649817	6951203	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	60	Moist	Good	ForestBlackSpruce
202328	2017-08-07	KieranTompkins	1008	649821	6951243	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	65	Moist	Good	ForestBlackSpruce
202329	2017-08-07	KieranTompkins	991.7	649825	6951295	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	65	Wet	Excellent	ForestBlackSpruce
202330	2017-08-07	KieranTompkins	981.6	649814	6951344	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	65	Moist	Good	ForestBlackSpruce
202331	2017-08-07	KieranTompkins	958.8	649817	6951397	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	80	Moist	Good	ForestBlackSpruce
202332	2017-08-07	KieranTompkins	948	649812	6951447	UTMZ7N_WGS84	Soil	BrownDark	Silt	ModerateNW	C	60	Frozen	Good	ForestBlackSpruce
202333	2017-08-07	KieranTompkins	947.8	649814	6951497	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	60	Frozen	Good	ForestBlackSpruce
202334	2017-08-07	KieranTompkins	931.9	649812	6951543	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	60	Moist	Good	ForestBlackSpruce
202335	2017-08-07	KieranTompkins	910.3	649811	6951596	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	65	Moist	Good	ForestBlackSpruce
202336	2017-08-07	KieranTompkins	894.8	649809	6951639	UTMZ7N_WGS84	TalusFine	Brown	Silt	ModerateN	C	40	Moist	Good	ForestBlackSpruce
202337	2017-08-07	KieranTompkins	872.9	649809	6951699	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	50	Moist	Good	ForestBlackSpruce
202338	2017-08-07	KieranTompkins	812	649616	6951683	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	60	Moist	Good	ForestBlackSpruce
202339	2017-08-07	KieranTompkins	818	649605	6951646	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNW	C	60	Moist	Good	ForestBlackSpruce
202340	2017-08-07	KieranTompkins	842.6	649616	6951597	UTMZ7N_WGS84	Soil	BrownDark	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce
202341	2017-08-07	KieranTompkins	868.9	649615	6951548	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce
202342	2017-08-07	KieranTompkins	895	649607	6951494	UTMZ7N_WGS84	Soil	BrownDark	Silt	Swamp	C	40	Moist	Good	ForestBlackSpruce
202343	2017-08-07	KieranTompkins	902.7	649611	6951443	UTMZ7N_WGS84	Soil	BrownDark	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce
202344	2017-08-07	KieranTompkins	920.1	649613	6951398	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce
202345	2017-08-07	KieranTompkins	934.7	649618	6951346	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce
202346	2017-08-07	KieranTompkins	952.8	649622	6951302	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	60	Moist	Good	ForestBlackSpruce
202347	2017-08-07	KieranTompkins	971.6	649620	6951244	UTMZ7N_WGS84	Soil	BrownDark	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202348	2017-08-07	KieranTompkins	985	649616	6951199	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNW	C	50	Moist	Good	ForestBlackSpruce

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Sample	SampleDate	Sampler	Elevation	Easting	Northing	EastNorthDatum	SampleType	S_Colour	S_Texture	S_Terrain	Horizon	Depth	S_Moisture	S_Quality	S_Vegetation
202349	2017-08-07	KieranTompkins	1003.6	649621	6951146	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202350	2017-08-07	KieranTompkins	1011.4	649618	6951094	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202351	2017-08-07	KieranTompkins	1018.9	649628	6951053	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202352	2017-08-07	KieranTompkins	1033.7	649620	6950998	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202353	2017-08-07	KieranTompkins	1044.7	649617	6950946	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202354	2017-08-07	KieranTompkins		649621	6950883	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestBlackSpruce
202356	2017-08-07	KieranTompkins		649622	6950838	UTMZ7N_WGS84	Soil	BrownLight	Silt	ModerateNW	C	60	Moist	Good	ForestBlackSpruce
202357	2017-08-07	KieranTompkins		649621	6950784	UTMZ7N_WGS84	Soil	BrownLight	Silt	ModerateNW	C	60	Moist	Good	ForestBlackSpruce
203273	2017-08-07	BrendanMcCauley	1072.6	649510	6950776	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Moist	Excellent	ForestMixed
203274	2017-08-07	BrendanMcCauley	1066.8	649516	6950823	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Moist	Excellent	ForestMixed
203275	2017-08-07	BrendanMcCauley	1060.9	649511	6950874	UTMZ7N_WGS84	Soil	Brown	Silt	Ridge	C	60	Moist	Excellent	ForestMixed
203276	2017-08-07	BrendanMcCauley	1037.2	649506	6950983	UTMZ7N_WGS84	Colluvium	Brown	Silt	Ridge	C	60	Moist	Excellent	ForestMixed
203277	2017-08-07	BrendanMcCauley	1025	649507	6951031	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Moist	Excellent	ForestMixed
203278	2017-08-07	BrendanMcCauley	1007.9	649510	6951089	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	45	Moist	Excellent	ForestBlackSpruce
203279	2017-08-07	BrendanMcCauley	996.4	649508	6951134	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	60	Moist	Excellent	ForestMixed
203280	2017-08-07	BrendanMcCauley	983.2	649501	6951182	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	80	Moist	Excellent	ForestBlackSpruce
203281	2017-08-07	BrendanMcCauley	964.4	649504	6951236	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepN	C	80	Moist	Excellent	ForestMixed
203282	2017-08-07	BrendanMcCauley	940	649497	6951289	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepN	C	60	Moist	Excellent	ForestBlackSpruce
203283	2017-08-07	BrendanMcCauley	913.6	649503	6951335	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	80	Moist	Good	ForestMixed
203284	2017-08-07	BrendanMcCauley	899.3	649508	6951381	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	80	Moist	Good	ForestBlackSpruce
203285	2017-08-07	BrendanMcCauley	880.3	649504	6951431	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	60	Moist	Good	ForestBlackSpruce
203286	2017-08-07	BrendanMcCauley	877.9	649505	6951485	UTMZ7N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Moist	Good	ForestBlackSpruce
203287	2017-08-07	BrendanMcCauley	853.2	649500	6951539	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepN	C	60	Moist	Good	ForestBlackSpruce
203288	2017-08-07	BrendanMcCauley	853.8	649506	6951577	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	B	60	Moist	Poor	ForestMixed
203289	2017-08-07	BrendanMcCauley	847.1	649495	6951632	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	B	60	Moist	Poor	ForestMixed
203290	2017-08-07	BrendanMcCauley	879	649502	6951688	UTMZ7N_WGS84	Soil	Blue	Silt	SteepNE	C	60	Moist	Good	ForestMixed
203291	2017-08-07	BrendanMcCauley	884.3	649413	6951695	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepNE	C	65	Moist	Good	ForestBlackSpruce
203292	2017-08-07	BrendanMcCauley	885.3	649414	6951641	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	70	Moist	Good	ForestBlackSpruce
203293	2017-08-07	BrendanMcCauley	898.1	649411	6951591	UTMZ7N_WGS84	Soil	BrownDark	Silt	SteepNE	B	70	Moist	Poor	ForestBlackSpruce
203294	2017-08-07	BrendanMcCauley	902.7	649416	6951542	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	60	Moist	Good	ForestBlackSpruce
203295	2017-08-07	BrendanMcCauley	903.5	649416	6951488	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	80	Moist	Good	ForestMixed
203296	2017-08-07	BrendanMcCauley	949.9	649416	6951432	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	60	Moist	Good	ForestBlackSpruce
203297	2017-08-07	BrendanMcCauley		649411	6951388	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	80	Moist	Good	ForestMixed
203298	2017-08-07	BrendanMcCauley	919.2	649418	6951341	UTMZ7N_WGS84	Soil	Brown	Silt	SteepNE	C	60	Moist	Good	ForestMixed

Appendix B - Sample Locations and Descriptions

Sample	SampleDate	Sampler	Elevation	Easting	Northing	EastNorthDatum	SampleType	S_Colour	S_Texture	S_Terrain	Horizon	Depth	S_Moisture	S_Quality	S_Vegetation
203299	2017-08-07	BrendanMcCauley	949.6	649421	6951295	UTMZ7N_WGS84	Soil	Brown	Silt	Drainage	C	60	Moist	Excellent	ForestMixed
203300	2017-08-07	BrendanMcCauley	950.6	649420	6951236	UTMZ7N_WGS84	Soil	BrownDark	Silt	SteepN	B	50	Moist	Poor	ForestMixed
203301	2017-08-07	BrendanMcCauley	967.9	649427	6951195	UTMZ7N_WGS84	Colluvium	BrownDark	Silt	SteepN	C	50	Moist	Poor	ForestMixed
203302	2017-08-07	BrendanMcCauley	994.4	649424	6951139	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	60	Wet	Good	ForestMixed
203303	2017-08-07	BrendanMcCauley	1006.6	649422	6951091	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepN	C	60	Wet	Excellent	ForestBlackSpruce
203304	2017-08-07	BrendanMcCauley	1019.9	649422	6951044	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	60	Wet	Good	ForestBlackSpruce
203305	2017-08-07	BrendanMcCauley	1031.3	649425	6950993	UTMZ7N_WGS84	Colluvium	Brown	Silt	SteepN	C	60	Wet	Good	ForestMixed
203306	2017-08-07	BrendanMcCauley	1044.9	649424	6950934	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	60	Wet	Good	ForestMixed
203307	2017-08-07	BrendanMcCauley	1056.8	649424	6950877	UTMZ7N_WGS84	Colluvium	BrownLight	Silt	SteepN	C	60	Moist	Excellent	ForestMixed
203308	2017-08-07	BrendanMcCauley	1064.6	649424	6950826	UTMZ7N_WGS84	Soil	Brown	Silt	SteepN	C	65	Moist	Excellent	ForestMixed
203309	2017-08-07	BrendanMcCauley	1070.2	649419	6950784	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	C	60	Moist	Good	ForestMixed
204059	2017-08-07	DylanWales	1052.8	649122	6950777	UTMZ7N_WGS84	Lithosoil	Grey	Clay	ModerateN	C	60	Wet	Good	ForestMixed
204060	2017-08-07	DylanWales	1051.2	649129	6950826	UTMZ7N_WGS84	Lithosoil	BrownDark	Sand	ModerateN	C	40	Moist	Excellent	ForestMixed
204061	2017-08-07	DylanWales	1047.4	649128	6950873	UTMZ7N_WGS84	Lithosoil	Grey	Silt	ModerateN	C	70	Moist	Excellent	ForestMixed
204062	2017-08-07	DylanWales	1041.2	649123	6950932	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	B	30	Frozen	Good	ForestMixed
204063	2017-08-07	DylanWales	1035.4	649124	6950983	UTMZ7N_WGS84	Lithosoil	Brown	Sand	ModerateN	C	30	Moist	Excellent	ForestMixed
204064	2017-08-07	DylanWales	1028	649124	6951033	UTMZ7N_WGS84	Lithosoil	Brown	Sand	ModerateN	C	60	Wet	Excellent	ForestMixed
204065	2017-08-07	DylanWales	1019.7	649124	6951081	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	60	Moist	Excellent	ForestMixed
204066	2017-08-07	DylanWales	1011.1	649119	6951133	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	60	Moist	Excellent	ForestMixed
204067	2017-08-07	DylanWales	1005.6	649119	6951187	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	C	70	Moist	Excellent	ForestMixed
204068	2017-08-07	DylanWales	986.5	649116	6951236	UTMZ7N_WGS84	Soil	Grey	Clay	ModerateN	B	60	Frozen	Poor	ForestMixed
204069	2017-08-07	DylanWales	979.5	649113	6951286	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	70	Wet	Excellent	ForestMixed
204070	2017-08-07	DylanWales	981.1	649108	6951337	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	40	Frozen	Poor	ForestMixed
204071	2017-08-07	DylanWales	977.7	649119	6951387	UTMZ7N_WGS84	Lithosoil	BrownLight	Silt	ModerateN	C	30	Moist	Good	ForestMixed
204072	2017-08-07	DylanWales	970.2	649121	6951434	UTMZ7N_WGS84	Lithosoil	Brown	Silt	ModerateN	C	30	Dry	Excellent	ForestMixed
204073	2017-08-07	DylanWales	965.5	649118	6951481	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	C	60	Moist	Excellent	ForestMixed
204074	2017-08-07	DylanWales	939.1	649113	6951529	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	B	40	Frozen	Good	ForestMixed
204075	2017-08-07	DylanWales	918	649112	6951581	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	40	Frozen	Good	ForestMixed
204076	2017-08-07	DylanWales	904.7	649113	6951634	UTMZ7N_WGS84	Soil	BrownDark	Gravel	ModerateN	B	40	Frozen	Poor	ForestMixed
204077	2017-08-07	DylanWales	894.3	649113	6951681	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	40	Moist	Excellent	ForestMixed
204078	2017-08-07	DylanWales	919	649312	6951685	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	40	Frozen	Poor	ForestMixed
204079	2017-08-07	DylanWales	910.9	649310	6951636	UTMZ7N_WGS84	Soil	BrownDark	Silt	ModerateN	B	40	Frozen	Poor	ForestMixed
204080	2017-08-07	DylanWales	916.3	649312	6951588	UTMZ7N_WGS84	Lithosoil	Grey	Silt	ModerateN	C	40	Moist	Good	ForestMixed
204081	2017-08-07	DylanWales	924.9	649316	6951538	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	50	Frozen	Poor	ForestMixed

Appendix B - Sample Locations and Descriptions

Sample	SampleDate	Sampler	Elevation	Easting	Northing	EastNorthDatum	SampleType	S_Colour	S_Texture	S_Terrain	Horizon	Depth	S_Moisture	S_Quality	S_Vegetation
204082	2017-08-07	DylanWales	933.3	649315	6951487	UTMZ7N_WGS84	Lithosoil	BrownDark	Silt	ModerateN	B	60	Frozen	Good	ForestMixed
204083	2017-08-07	DylanWales	940.1	649318	6951435	UTMZ7N_WGS84	Lithosoil	BrownDark	Clay	ModerateN	B	70	Wet	Poor	ForestMixed
204084	2017-08-07	DylanWales	948.9	649318	6951385	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	C	30	Dry	Excellent	ForestMixed
204085	2017-08-07	DylanWales	954.2	649321	6951338	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	70	Moist	Poor	ForestMixed
204086	2017-08-07	DylanWales	961.2	649319	6951286	UTMZ7N_WGS84	Lithosoil	Grey	Silt	ModerateN	C	80	Moist	Excellent	ForestMixed
204087	2017-08-07	DylanWales	975.4	649318	6951235	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	50	Moist	Excellent	ForestMixed
204088	2017-08-07	DylanWales	983.5	649323	6951191	UTMZ7N_WGS84	Lithosoil	BrownDark	Clay	ModerateN	C	70	Moist	Good	ForestMixed
204089	2017-08-07	DylanWales	996.3	649320	6951136	UTMZ7N_WGS84	Soil	Brown	Silt	ModerateN	B	70	Frozen	Good	ForestMixed
204090	2017-08-07	DylanWales	1009	649321	6951084	UTMZ7N_WGS84	Lithosoil	Grey	Sand	ModerateN	C	60	Moist	Excellent	ForestMixed
204091	2017-08-07	DylanWales	1018	649322	6951037	UTMZ7N_WGS84	Lithosoil	Brown	Sand	ModerateN	C	40	Wet	Excellent	ForestMixed
204092	2017-08-07	DylanWales	1032	649322	6950988	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	C	40	Moist	Excellent	ForestMixed
204093	2017-08-07	DylanWales	1041.9	649320	6950936	UTMZ7N_WGS84	Lithosoil	BrownLight	Sand	ModerateN	C	60	Moist	Excellent	ForestMixed
204094	2017-08-07	DylanWales	1053.8	649331	6950877	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	40	Frozen	Poor	ForestMixed
204095	2017-08-07	DylanWales	1063.6	649324	6950828	UTMZ7N_WGS84	Soil	BrownDark	Clay	ModerateN	B	40	Frozen	Poor	ForestMixed
204096	2017-08-07	DylanWales	1063.7	649323	6950779	UTMZ7N_WGS84	Lithosoil	Brown	Sand	ModerateN	C	40	Moist	Excellent	ForestMixed

Appendix C - Analytical Certificates



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

Client: **Taku Gold Corp**
680 3rd Ave, Suite 203
Val D'Or Québec J9P 1S5 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 15, 2017
Report Date: September 12, 2017
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI17000601.1

CLIENT JOB INFORMATION

Project: Sonora Gulch
Shipment ID:
P.O. Number
Number of Samples: 152

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

Invoice To: Taku Gold Corp.
Suite 608 - 409 Granville St.
Vancouver British Columbia V6C 1T2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	152	Dry at 60C			WHI
SS80	152	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	152	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	152	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS


JEFFREY CANNON
Geochemistry Department Supervisor



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

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Client: Taku Gold Corp
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Val D'Or Québec J9P 1S5 Canada

Project: Sonora Gulch
Report Date: September 12, 2017

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CERTIFICATE OF ANALYSIS

WHI17000601.1

Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
202351	Soil	0.2	12.9	7.5	43	<0.1	260.7	39.5	465	2.88	7.0	1.5	1.9	31	0.2	0.6	0.2	29	0.41	0.032	9
202347	Soil	0.3	26.5	7.3	51	0.1	359.6	35.7	1087	2.35	8.0	2.0	1.8	48	0.3	1.0	0.2	23	0.78	0.055	11
202357	Soil	0.4	14.1	10.9	48	<0.1	163.2	24.6	302	3.07	13.5	1.8	2.1	19	0.2	1.3	0.2	53	0.19	0.015	8
202341	Soil	0.5	17.9	16.8	81	0.4	48.8	16.0	631	2.92	102.3	5.8	3.9	60	0.2	9.1	0.2	45	1.47	0.053	17
204063	Soil	1.1	23.6	18.1	64	<0.1	28.1	15.2	375	3.99	48.8	3.0	10.7	17	0.3	1.2	0.5	72	0.19	0.027	16
204070	Soil	0.6	24.9	15.8	51	0.1	28.9	12.0	696	2.38	17.7	1.2	2.4	65	0.3	1.6	0.2	37	1.91	0.061	15
203275	Soil	0.6	21.2	18.9	53	0.2	296.2	30.7	358	3.14	22.6	2.8	3.7	30	0.1	2.4	0.3	37	0.68	0.055	11
203309	Soil	0.9	36.2	17.1	52	0.2	40.3	17.0	724	3.33	25.5	2.2	6.4	31	0.2	2.5	4.1	57	0.79	0.066	36
204074	Soil	0.6	24.2	14.7	60	0.1	38.0	15.6	486	3.17	21.6	1.6	4.8	58	0.2	2.6	0.1	52	1.47	0.067	20
203277	Soil	0.3	27.9	9.6	50	<0.1	417.4	47.2	715	3.94	7.8	1.5	2.0	29	0.1	0.6	0.2	43	0.61	0.038	7
203305	Soil	0.4	20.7	25.3	53	0.5	381.9	37.5	405	1.90	41.8	19.6	1.6	48	0.5	10.6	0.2	21	1.17	0.050	14
204065	Soil	1.4	26.8	23.3	70	0.2	26.9	14.7	511	3.06	15.7	5.9	19.0	26	0.1	1.1	0.6	51	0.53	0.040	51
203283	Soil	0.1	19.4	10.5	60	0.1	270.3	31.8	400	4.07	11.6	2.5	3.8	29	0.2	1.0	0.2	37	0.40	0.034	12
204064	Soil	2.8	29.0	37.9	79	0.3	29.6	13.0	518	3.50	31.1	3.1	21.2	26	0.2	1.8	1.1	54	0.56	0.036	57
203300	Soil	0.8	27.1	9.3	59	0.2	233.0	49.7	2358	2.75	29.9	7.9	1.1	60	0.4	3.9	0.2	41	1.32	0.100	11
203287	Soil	0.2	15.9	9.2	61	0.1	218.4	25.6	581	2.18	11.8	3.0	2.3	35	0.2	1.7	0.2	23	0.56	0.051	11
203307	Soil	0.2	24.9	19.7	63	0.5	611.4	66.0	1044	3.84	196.4	109.9	2.3	16	0.3	16.2	0.2	<2	0.28	0.016	7
203291	Soil	0.7	26.9	19.6	71	0.2	39.6	13.6	632	3.02	75.8	17.1	4.0	72	0.2	10.8	0.2	43	2.33	0.065	23
203273	Soil	0.9	38.6	36.4	92	0.6	50.2	14.3	414	3.11	31.7	18.9	11.5	27	0.3	4.3	0.7	48	0.78	0.065	41
204095	Soil	1.1	43.4	13.5	56	0.2	24.8	14.7	347	3.90	26.0	4.0	11.2	22	0.1	3.0	0.4	61	0.54	0.054	55
201429	Soil	0.8	24.2	19.4	70	0.3	43.2	16.3	639	3.54	115.0	24.0	8.5	40	0.2	10.1	3.8	54	1.14	0.058	33
203298	Soil	0.7	29.2	9.5	69	0.1	196.1	28.4	4757	3.06	36.4	5.7	2.9	56	0.4	2.8	0.3	38	1.87	0.061	14
203284	Soil	0.2	18.9	7.9	53	0.1	301.6	36.1	843	2.38	4.6	2.3	2.3	37	0.2	0.7	0.1	21	0.56	0.047	10
203285	Soil	0.2	16.8	10.1	55	0.1	228.6	29.7	486	2.54	5.7	7.4	3.2	28	0.2	1.0	0.2	25	0.43	0.035	11
201397	Soil	1.1	22.2	28.5	60	0.4	33.2	12.5	843	2.90	111.0	32.4	18.7	45	0.3	6.6	1.2	41	1.04	0.063	140
201408	Soil	0.3	40.2	10.8	65	0.2	63.6	14.6	376	3.25	32.8	6.2	6.2	68	0.2	2.5	0.2	43	1.78	0.056	31
203292	Soil	0.6	30.1	14.0	72	0.2	61.7	18.4	629	3.59	71.2	14.3	6.0	68	0.2	3.3	0.2	58	1.73	0.091	22
203286	Soil	0.3	17.5	11.0	54	0.2	209.1	35.7	828	2.64	18.4	3.5	2.3	37	0.2	2.2	0.2	27	0.64	0.048	11
203279	Soil	0.2	19.3	14.4	55	0.1	288.4	40.2	374	3.04	7.8	5.7	3.4	26	0.1	1.3	0.2	20	0.44	0.033	11
203290	Soil	0.5	34.9	13.6	83	0.2	69.4	16.6	589	3.01	41.9	8.7	3.5	82	0.3	2.8	0.2	46	2.68	0.068	19



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Project: Sonora Gulch
Report Date: September 12, 2017

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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
202351	Soil	425	2.21	116	0.057	2	1.53	0.012	0.04	0.1	0.03	3.6	0.1	<0.05	4	<0.5	<0.2	
202347	Soil	441	1.73	228	0.049	3	1.50	0.013	0.05	<0.1	0.05	4.8	0.1	<0.05	4	0.6	<0.2	
202357	Soil	250	1.63	118	0.085	1	1.80	0.012	0.06	0.1	0.01	3.5	0.1	<0.05	5	<0.5	<0.2	
202341	Soil	85	0.82	181	0.080	2	1.46	0.010	0.19	0.1	0.04	3.9	0.3	0.07	5	0.6	<0.2	
204063	Soil	41	0.65	169	0.067	2	2.39	0.010	0.09	0.1	0.03	4.7	0.2	<0.05	7	<0.5	<0.2	
204070	Soil	36	0.53	226	0.046	2	1.27	0.012	0.09	<0.1	0.05	3.3	0.1	0.07	4	0.6	<0.2	
203275	Soil	351	2.02	136	0.069	2	1.81	0.013	0.11	0.1	0.04	4.8	0.2	<0.05	5	<0.5	<0.2	
203309	Soil	54	0.95	253	0.063	<1	2.16	0.012	0.11	0.2	0.08	5.7	0.2	0.05	7	<0.5	<0.2	
204074	Soil	59	1.20	191	0.082	<1	1.72	0.010	0.31	0.1	0.05	4.9	0.3	0.07	6	<0.5	<0.2	
203277	Soil	675	5.10	124	0.084	1	2.76	0.011	0.11	<0.1	0.03	8.1	0.3	<0.05	6	<0.5	<0.2	
203305	Soil	223	1.41	129	0.032	4	1.02	0.016	0.05	0.2	0.07	3.1	0.1	<0.05	3	<0.5	<0.2	
204065	Soil	35	0.63	244	0.077	1	1.72	0.011	0.14	0.1	0.04	5.1	0.2	<0.05	5	<0.5	<0.2	
203283	Soil	501	1.69	206	0.075	1	1.65	0.014	0.06	<0.1	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2	
204064	Soil	40	0.81	215	0.076	<1	2.10	0.010	0.14	0.2	0.03	4.6	0.2	<0.05	6	<0.5	<0.2	
203300	Soil	219	1.00	246	0.028	3	1.14	0.013	0.05	<0.1	0.06	3.0	0.1	0.11	3	0.8	<0.2	
203287	Soil	456	1.71	154	0.049	2	1.24	0.011	0.06	<0.1	0.05	3.6	<0.1	<0.05	4	<0.5	<0.2	
203307	Soil	1348	4.31	50	0.015	<1	0.89	0.003	0.04	<0.1	0.05	5.3	0.1	<0.05	2	<0.5	<0.2	
203291	Soil	54	0.85	212	0.054	3	1.56	0.012	0.23	0.1	0.04	4.8	0.3	<0.05	5	0.6	<0.2	
203273	Soil	67	1.17	218	0.077	2	2.15	0.011	0.19	0.2	0.05	5.5	0.3	<0.05	6	<0.5	<0.2	
204095	Soil	46	0.95	254	0.045	1	2.24	0.008	0.11	0.2	0.07	8.4	0.2	<0.05	7	<0.5	<0.2	
201429	Soil	57	1.09	189	0.055	1	1.77	0.009	0.30	0.1	0.06	7.2	0.4	<0.05	5	0.5	<0.2	
203298	Soil	279	1.28	470	0.061	3	1.54	0.013	0.15	<0.1	0.05	5.1	0.3	0.10	4	<0.5	<0.2	
203284	Soil	593	1.95	182	0.052	3	1.41	0.012	0.05	<0.1	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2	
203285	Soil	583	1.85	181	0.062	3	1.50	0.014	0.05	<0.1	0.04	5.0	0.1	<0.05	4	<0.5	<0.2	
201397	Soil	35	0.54	229	0.039	2	1.58	0.012	0.13	0.2	0.07	5.6	0.2	<0.05	5	0.7	<0.2	
201408	Soil	92	1.10	203	0.097	2	1.76	0.012	0.34	<0.1	0.05	5.8	0.3	<0.05	6	0.5	<0.2	
203292	Soil	99	1.41	221	0.098	<1	2.08	0.014	0.31	0.2	0.05	5.9	0.3	<0.05	7	<0.5	<0.2	
203286	Soil	484	1.78	197	0.050	1	1.48	0.011	0.06	0.1	0.03	4.5	0.1	<0.05	4	<0.5	<0.2	
203279	Soil	570	2.21	137	0.074	1	1.59	0.016	0.07	0.1	0.03	5.7	0.1	<0.05	4	<0.5	<0.2	
203290	Soil	116	1.36	233	0.082	3	1.88	0.012	0.36	<0.1	0.04	4.5	0.3	0.06	5	<0.5	<0.2	



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Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
202336	Soil	0.8	25.6	15.2	78	0.4	43.2	23.2	2400	3.14	66.5	6.1	5.1	43	0.3	5.9	0.3	47	1.03	0.077	23
202352	Soil	0.2	28.8	10.0	46	0.2	227.2	18.5	280	2.29	5.0	3.4	2.0	50	0.2	1.0	0.2	31	0.70	0.079	11
201394	Soil	0.6	38.4	12.5	84	0.2	37.7	17.1	469	3.64	27.8	8.4	7.1	42	0.2	5.8	2.2	69	1.30	0.052	20
201412	Soil	0.3	27.2	11.6	64	<0.1	54.7	15.2	746	2.88	8.6	3.8	4.8	112	0.2	1.1	0.1	44	3.71	0.080	25
201407	Soil	0.5	22.1	10.7	62	0.1	34.5	16.0	578	3.36	38.8	7.6	5.2	82	0.1	4.3	0.1	47	2.02	0.057	27
203280	Soil	0.2	18.7	11.1	60	0.1	249.6	36.6	575	2.84	7.4	3.3	2.9	37	0.3	1.3	0.2	35	0.59	0.042	10
203306	Soil	0.5	19.5	25.6	75	0.6	246.5	29.7	524	2.32	107.4	36.8	2.0	44	0.6	18.6	0.3	37	1.11	0.050	11
204061	Soil	0.8	13.6	11.1	54	<0.1	23.2	8.7	282	2.50	15.1	<0.5	5.0	31	0.1	1.5	2.2	56	0.57	0.019	12
201395	Soil	1.4	37.0	87.8	203	1.3	44.7	14.7	757	3.81	200.2	83.3	12.3	26	1.0	27.2	0.4	40	0.64	0.072	39
201428	Soil	0.6	49.2	5.8	89	0.1	49.8	25.6	862	5.07	15.6	<0.5	4.5	36	0.1	0.6	0.3	85	1.01	0.057	11
204069	Soil	0.5	56.4	9.1	70	<0.1	116.9	31.0	519	5.17	10.8	0.7	4.3	32	<0.1	0.4	0.1	97	0.83	0.067	15
201422	Soil	1.4	15.0	8.3	43	<0.1	10.0	6.9	493	1.70	19.5	2.0	5.8	39	0.2	3.5	1.0	37	1.11	0.036	17
201398	Soil	1.1	17.0	13.6	53	<0.1	29.7	13.5	356	3.60	16.1	0.8	6.4	14	<0.1	0.8	1.0	69	0.15	0.020	14
201414	Soil	0.6	30.3	22.5	67	0.2	122.8	21.6	785	3.50	47.7	8.0	5.3	77	0.2	2.2	0.2	48	2.32	0.088	27
202333	Soil	0.7	22.3	18.5	77	0.2	38.9	15.8	745	2.91	94.7	7.7	8.8	52	0.3	46.8	0.3	50	1.49	0.059	34
202334	Soil	0.7	29.7	19.4	88	0.3	43.1	16.1	768	3.18	74.1	5.4	6.2	46	0.2	13.6	0.3	48	1.22	0.060	24
204080	Soil	0.7	20.3	14.8	66	0.5	28.9	17.3	816	3.42	122.1	16.6	7.7	39	<0.1	3.0	0.2	66	0.70	0.052	34
204085	Soil	0.8	34.1	18.9	78	0.2	56.2	16.0	518	3.67	91.9	7.9	9.2	53	0.2	10.3	0.2	54	1.25	0.057	46
202349	Soil	0.2	25.9	10.5	54	0.1	395.8	33.7	253	2.57	4.1	3.9	3.9	30	0.2	1.0	0.2	28	0.42	0.028	14
204083	Soil	0.6	29.2	13.0	66	0.1	32.8	15.7	444	3.39	24.7	0.9	6.3	40	0.2	2.6	0.2	57	0.93	0.051	27
204096	Soil	1.5	23.1	17.5	57	0.1	20.9	9.7	399	3.39	26.3	3.5	6.3	19	0.1	1.7	0.4	61	0.27	0.038	60
201427	Soil	0.8	33.1	14.2	62	0.1	33.7	15.4	544	3.36	30.4	1.5	8.9	52	0.1	2.0	0.6	58	1.44	0.057	36
204082	Soil	0.5	36.2	18.9	74	0.2	68.8	16.5	571	3.43	40.7	5.5	5.4	83	0.3	4.2	0.1	42	2.46	0.064	39
202335	Soil	0.7	32.9	23.4	115	0.4	52.4	20.3	814	4.03	150.7	18.8	7.5	39	0.4	14.4	0.3	52	0.97	0.057	26
202342	Soil	0.5	16.5	17.3	75	0.5	50.0	17.4	1053	2.82	166.4	10.2	3.8	59	0.2	11.1	0.1	42	1.36	0.050	19
203302	Soil	0.4	13.7	15.7	56	0.2	113.2	18.2	258	2.82	32.6	6.4	3.4	28	<0.1	6.2	0.3	50	0.43	0.036	12
202323	Soil	0.5	21.0	9.1	38	0.1	180.8	26.3	444	2.74	6.4	20.0	2.2	29	0.3	0.6	0.1	52	0.36	0.025	8
201405	Soil	0.3	64.3	12.3	64	0.1	120.7	20.4	542	2.95	26.9	6.1	4.2	65	0.3	2.2	0.2	42	1.63	0.060	38
203293	Soil	0.6	21.5	9.6	54	0.2	51.1	15.4	663	2.83	39.8	6.7	3.5	92	0.3	2.3	0.1	50	2.23	0.082	21
201396	Soil	0.7	47.4	115.2	159	1.1	30.4	17.0	539	3.22	94.0	16.2	5.5	54	0.8	20.0	0.8	51	1.65	0.072	43



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
202336	Soil	89	0.75	243	0.063	3	1.50	0.011	0.10	0.1	0.06	4.4	0.2	0.07	5	0.7	<0.2
202352	Soil	269	1.72	250	0.054	2	1.85	0.017	0.06	<0.1	0.07	5.5	0.1	0.05	5	<0.5	<0.2
201394	Soil	44	1.59	189	0.081	2	2.28	0.010	0.40	<0.1	0.02	5.5	0.3	<0.05	6	<0.5	<0.2
201412	Soil	105	1.74	200	0.083	2	1.85	0.009	0.29	0.1	0.04	4.9	0.3	<0.05	6	<0.5	<0.2
201407	Soil	55	0.97	280	0.078	3	1.63	0.011	0.28	<0.1	0.05	5.0	0.3	0.06	5	<0.5	<0.2
203280	Soil	431	1.75	163	0.063	3	1.63	0.018	0.07	<0.1	0.04	5.3	0.1	<0.05	4	<0.5	<0.2
203306	Soil	192	1.27	138	0.050	4	1.30	0.015	0.06	0.2	0.07	4.0	0.2	0.07	4	<0.5	<0.2
204061	Soil	35	0.69	127	0.090	1	1.55	0.012	0.11	0.1	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
201395	Soil	59	0.74	263	0.021	3	1.35	0.006	0.21	<0.1	0.05	5.9	0.3	<0.05	4	<0.5	<0.2
201428	Soil	94	2.64	340	0.218	2	3.44	0.012	1.03	0.1	0.02	4.7	0.6	<0.05	7	<0.5	<0.2
204069	Soil	259	2.65	305	0.201	1	3.14	0.011	0.63	0.1	<0.01	5.4	0.5	<0.05	10	<0.5	<0.2
201422	Soil	17	0.25	143	0.023	1	0.75	0.008	0.11	0.2	0.03	2.8	0.1	0.06	3	<0.5	<0.2
201398	Soil	45	0.74	166	0.123	<1	2.09	0.008	0.24	0.1	0.01	3.1	0.2	<0.05	8	<0.5	<0.2
201414	Soil	253	1.91	233	0.079	3	2.11	0.010	0.28	<0.1	0.05	6.6	0.3	<0.05	6	<0.5	<0.2
202333	Soil	55	0.75	301	0.064	2	1.57	0.013	0.12	0.1	0.06	5.4	0.3	0.06	4	<0.5	<0.2
202334	Soil	60	0.79	251	0.066	4	1.52	0.014	0.12	0.1	0.08	5.6	0.2	<0.05	5	0.8	<0.2
204080	Soil	71	1.33	231	0.100	2	2.28	0.014	0.14	0.1	0.06	6.6	0.2	<0.05	7	<0.5	<0.2
204085	Soil	96	0.97	222	0.094	<1	1.93	0.012	0.33	0.1	0.07	7.9	0.3	<0.05	6	0.5	<0.2
202349	Soil	619	2.22	169	0.080	3	1.74	0.017	0.07	<0.1	0.04	6.7	0.1	<0.05	5	<0.5	<0.2
204083	Soil	53	1.10	294	0.113	2	1.99	0.013	0.30	<0.1	0.04	5.7	0.2	<0.05	6	<0.5	<0.2
204096	Soil	33	0.58	209	0.044	<1	2.21	0.008	0.11	0.2	0.03	5.2	0.2	<0.05	8	<0.5	<0.2
201427	Soil	56	1.07	273	0.107	1	2.09	0.012	0.30	0.1	0.06	6.1	0.3	<0.05	6	0.5	<0.2
204082	Soil	109	1.05	266	0.071	4	1.75	0.011	0.34	0.1	0.10	6.1	0.3	0.06	6	0.8	<0.2
202335	Soil	99	1.11	216	0.095	3	1.89	0.012	0.22	0.1	0.06	5.4	0.4	<0.05	6	<0.5	<0.2
202342	Soil	93	0.89	192	0.071	1	1.46	0.012	0.17	0.1	0.04	3.7	0.2	<0.05	5	<0.5	<0.2
203302	Soil	216	1.16	150	0.056	<1	1.69	0.014	0.06	0.1	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
202323	Soil	240	1.86	147	0.079	2	1.65	0.014	0.06	<0.1	0.02	5.0	0.1	<0.05	5	<0.5	<0.2
201405	Soil	149	1.18	272	0.066	2	1.73	0.012	0.16	<0.1	0.08	5.8	0.2	0.07	5	0.9	<0.2
203293	Soil	92	1.08	256	0.074	3	1.62	0.014	0.23	<0.1	0.05	5.2	0.2	0.05	5	<0.5	<0.2
201396	Soil	41	0.92	251	0.052	2	1.89	0.011	0.17	<0.1	0.10	7.3	0.4	0.08	5	0.9	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	0.01	0.001	1	
202319	Soil	0.5	9.6	7.0	32	<0.1	146.4	16.4	237	2.26	5.5	<0.5	1.6	17	0.2	0.7	0.2	46	0.20	0.017	7
203278	Soil	0.2	13.5	12.8	49	<0.1	317.7	40.6	369	2.88	7.5	8.3	3.3	26	0.2	1.4	0.2	18	0.39	0.030	10
203303	Soil	0.3	18.4	22.9	65	0.3	154.3	25.8	275	2.80	59.3	16.5	3.9	31	0.2	8.9	0.3	49	0.52	0.043	14
202331	Soil	0.9	38.3	16.3	86	0.2	64.2	18.5	647	3.87	51.5	5.5	10.8	49	0.2	15.9	0.5	49	1.43	0.060	35
203288	Soil	0.6	28.1	17.4	55	0.2	41.7	14.6	723	2.91	28.0	8.9	3.7	92	0.5	2.8	0.1	46	2.88	0.067	26
203304	Soil	0.3	18.6	34.4	77	0.4	173.2	19.8	255	2.60	45.8	27.7	4.0	30	0.4	14.1	0.3	45	0.53	0.037	13
203281	Soil	0.2	22.3	10.5	53	0.1	333.0	43.5	856	2.92	6.9	2.3	3.4	34	0.3	1.2	0.2	31	0.51	0.037	14
203299	Soil	0.4	18.3	15.5	93	0.3	180.9	27.0	994	2.55	77.3	21.0	3.0	38	0.6	12.2	0.3	30	1.04	0.047	13
203301	Soil	0.8	19.9	9.5	47	0.1	183.9	38.4	1320	3.41	20.5	2.6	2.4	36	0.3	3.2	0.2	36	0.67	0.051	11
202324	Soil	0.4	21.7	7.7	42	<0.1	216.3	25.6	348	2.68	7.7	<0.5	2.5	25	0.2	0.6	0.1	38	0.35	0.023	9
202350	Soil	0.2	18.6	6.1	35	0.1	277.3	32.9	788	2.14	3.7	<0.5	0.9	75	0.2	0.6	0.1	17	1.25	0.067	8
203282	Soil	0.2	25.1	8.9	59	0.1	256.4	28.4	610	2.44	5.9	2.0	2.7	42	0.2	1.1	0.2	27	0.66	0.048	12
202339	Soil	0.5	25.0	23.5	101	0.6	40.6	13.0	576	2.56	234.8	19.5	2.8	69	0.5	21.0	0.2	38	2.07	0.053	18
203295	Soil	0.4	23.4	13.2	60	0.1	33.2	13.5	533	3.02	23.5	5.0	7.5	67	0.2	3.2	0.2	47	1.76	0.052	52
202327	Soil	0.7	39.3	14.4	78	1.7	39.9	18.3	633	3.72	458.0	100.6	6.1	47	0.3	20.3	0.2	56	0.92	0.066	34
204089	Soil	0.3	46.6	25.6	103	0.2	245.3	36.6	809	3.79	67.2	8.7	6.6	44	0.4	7.8	0.5	58	1.31	0.070	26
204060	Soil	1.1	26.9	11.0	56	<0.1	51.1	17.2	306	3.95	14.6	2.6	8.3	21	<0.1	1.2	0.6	65	0.36	0.034	22
204077	Soil	0.6	36.4	10.2	74	<0.1	192.2	28.5	630	4.36	33.8	1.1	7.3	68	<0.1	3.2	0.2	61	2.05	0.040	19
204093	Soil	1.1	21.6	23.8	101	0.2	35.8	11.1	449	2.80	100.3	18.8	12.5	19	0.3	29.6	1.3	47	0.46	0.060	25
204067	Soil	0.7	46.5	155.6	95	0.5	495.6	48.2	880	5.09	187.8	8.7	6.2	47	0.2	15.1	0.6	59	1.03	0.059	25
204079	Soil	0.5	38.9	12.9	72	0.2	47.2	15.3	408	3.13	36.4	10.2	5.4	78	0.2	2.8	0.2	53	2.33	0.074	24
203297	Soil	0.6	24.0	25.7	85	0.1	49.8	16.8	526	3.12	44.1	7.4	7.7	48	0.2	5.7	0.3	52	1.02	0.060	26
204072	Soil	0.9	39.5	15.3	79	<0.1	43.9	19.9	522	4.46	14.0	2.0	8.3	36	0.2	1.5	0.2	79	0.60	0.065	24
204092	Soil	1.1	28.8	26.2	265	0.6	79.0	16.0	878	4.11	413.5	50.5	10.9	24	0.3	52.0	1.0	55	0.60	0.084	33
204076	Soil	0.5	37.6	9.5	58	0.1	37.9	14.7	417	2.85	12.1	5.0	4.7	90	0.1	1.0	0.1	57	2.11	0.111	45
204073	Soil	0.9	14.6	13.0	75	<0.1	22.3	10.6	291	3.06	19.4	2.3	5.9	30	<0.1	5.0	0.2	65	0.51	0.041	19
203308	Soil	1.2	14.7	8.4	58	<0.1	16.4	10.0	302	3.07	10.4	1.8	6.0	16	<0.1	2.1	0.4	51	0.24	0.021	16
204062	Soil	0.6	36.1	68.6	83	0.8	30.0	10.9	452	2.80	86.6	39.5	6.4	78	0.9	16.9	6.0	40	1.74	0.060	47
204090	Soil	0.4	35.9	18.1	81	0.1	410.1	58.0	1305	3.86	39.4	6.4	5.9	19	0.5	4.2	0.6	52	0.40	0.044	27
204087	Soil	0.3	30.9	8.1	70	<0.1	212.1	34.0	623	4.17	18.4	2.1	4.1	37	<0.1	1.3	0.2	78	0.96	0.042	13



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
202319	Soil	209	1.05	104	0.071	2	0.96	0.013	0.04	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
203278	Soil	566	2.53	100	0.066	3	1.51	0.016	0.06	0.1	0.03	5.1	0.2	<0.05	4	<0.5	<0.2
203303	Soil	208	1.21	188	0.049	3	1.77	0.015	0.07	0.2	0.06	5.5	0.2	<0.05	5	<0.5	<0.2
202331	Soil	85	1.48	258	0.120	2	2.15	0.016	0.50	<0.1	0.03	7.0	0.5	<0.05	7	<0.5	<0.2
203288	Soil	74	0.97	366	0.060	3	1.62	0.015	0.17	<0.1	0.07	5.8	0.2	0.07	5	<0.5	<0.2
203304	Soil	250	1.40	135	0.065	1	1.80	0.017	0.07	0.2	0.07	5.4	0.2	<0.05	6	<0.5	<0.2
203281	Soil	475	1.74	205	0.068	2	1.60	0.018	0.06	<0.1	0.06	5.9	0.1	<0.05	4	<0.5	<0.2
203299	Soil	261	1.29	190	0.046	2	1.33	0.014	0.06	0.1	0.06	4.3	0.1	0.06	4	<0.5	<0.2
203301	Soil	226	1.20	198	0.048	2	1.32	0.014	0.06	0.1	0.06	4.2	0.1	0.06	4	<0.5	<0.2
202324	Soil	332	2.10	143	0.079	2	1.75	0.014	0.05	<0.1	0.02	4.7	0.1	<0.05	5	<0.5	<0.2
202350	Soil	346	1.93	208	0.038	5	1.30	0.015	0.04	<0.1	0.05	4.1	0.1	0.07	4	<0.5	<0.2
203282	Soil	398	1.82	194	0.061	4	1.54	0.018	0.07	<0.1	0.04	5.3	0.1	<0.05	4	<0.5	<0.2
202339	Soil	60	0.58	299	0.037	7	1.10	0.013	0.11	0.2	0.07	4.0	0.6	0.09	3	0.5	<0.2
203295	Soil	54	0.81	297	0.075	3	1.66	0.014	0.23	0.1	0.04	5.6	0.2	<0.05	5	<0.5	<0.2
202327	Soil	58	0.86	270	0.084	3	1.92	0.011	0.30	0.1	0.06	7.0	0.4	<0.05	6	0.7	<0.2
204089	Soil	332	1.71	180	0.061	3	1.82	0.013	0.12	0.2	0.10	8.1	0.3	<0.05	5	0.6	<0.2
204060	Soil	78	1.45	161	0.148	2	2.61	0.009	0.33	0.1	0.02	3.8	0.3	<0.05	8	<0.5	<0.2
204077	Soil	388	2.55	134	0.152	2	2.87	0.011	0.46	0.1	0.01	4.8	0.6	<0.05	8	<0.5	<0.2
204093	Soil	70	0.70	128	0.050	1	1.33	0.006	0.30	0.4	0.03	5.8	0.4	<0.05	4	<0.5	<0.2
204067	Soil	930	2.96	169	0.046	2	2.17	0.006	0.18	0.1	0.05	9.0	0.3	<0.05	6	<0.5	<0.2
204079	Soil	65	1.05	190	0.075	2	1.88	0.015	0.20	0.1	0.05	5.9	0.2	<0.05	5	0.6	<0.2
203297	Soil	111	1.00	185	0.088	1	1.78	0.014	0.26	0.2	0.05	6.1	0.2	<0.05	5	<0.5	<0.2
204072	Soil	60	1.20	180	0.122	<1	2.52	0.016	0.38	0.1	0.02	5.4	0.3	<0.05	8	<0.5	<0.2
204092	Soil	154	1.15	148	0.056	<1	2.25	0.007	0.31	0.3	0.14	8.4	0.4	<0.05	6	<0.5	<0.2
204076	Soil	72	1.30	297	0.090	3	2.06	0.014	0.28	0.1	0.08	6.4	0.3	0.05	6	0.9	<0.2
204073	Soil	46	1.07	187	0.121	<1	1.85	0.009	0.38	<0.1	<0.01	3.9	0.3	<0.05	8	<0.5	<0.2
203308	Soil	30	0.73	123	0.066	<1	2.27	0.008	0.09	0.3	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
204062	Soil	36	0.56	187	0.038	4	1.43	0.010	0.14	0.1	0.09	5.2	0.3	0.10	5	1.2	0.3
204090	Soil	851	3.52	157	0.048	<1	1.75	0.010	0.10	0.1	0.05	7.5	0.2	<0.05	5	<0.5	<0.2
204087	Soil	524	3.10	202	0.133	2	2.68	0.013	0.38	0.1	0.02	7.7	0.5	<0.05	7	<0.5	<0.2



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Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
	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	2	0.01	0.001	1	
204088	Soil	0.6	30.4	13.6	65	0.1	141.5	20.3	907	2.83	49.0	5.8	3.9	39	0.2	3.8	0.4	50	1.22	0.051	18
203296	Soil	0.7	27.6	17.8	73	0.2	43.6	14.7	476	3.19	63.9	19.7	5.4	60	0.1	7.1	0.2	49	1.66	0.053	30
204059	Soil	1.1	47.4	13.4	58	0.2	30.7	15.8	497	3.42	24.7	4.5	8.1	33	0.1	5.0	0.8	60	0.66	0.052	36
201426	Soil	1.3	35.0	18.0	65	0.3	39.2	14.8	636	3.00	22.6	9.0	13.5	37	0.2	2.2	0.6	54	1.25	0.064	76
204091	Soil	0.9	31.0	26.7	126	0.2	190.1	31.6	635	4.05	133.6	6.2	6.2	22	0.2	10.8	1.0	59	0.41	0.060	23
203274	Soil	0.8	21.9	19.9	61	0.2	200.2	32.6	488	3.34	24.0	5.2	5.3	29	<0.1	4.2	0.4	57	0.71	0.041	16
202328	Soil	0.5	29.6	12.7	59	0.2	194.9	25.9	600	3.80	45.4	4.1	7.2	39	0.1	4.7	0.2	58	0.72	0.044	23
202354	Soil	0.2	35.5	11.2	63	<0.1	219.4	34.4	511	3.90	8.7	1.5	2.7	33	0.1	0.9	0.2	70	0.47	0.064	11
204094	Soil	0.9	27.7	10.1	46	0.2	31.3	15.1	342	2.92	10.1	2.4	5.4	28	<0.1	2.6	1.2	52	0.66	0.060	29
203294	Soil	0.4	29.1	8.5	40	0.2	45.3	11.2	510	2.16	42.3	13.1	2.2	109	0.4	3.1	0.1	37	3.32	0.071	27
202356	Soil	0.7	15.4	12.2	52	<0.1	146.2	22.3	352	3.02	15.6	0.6	2.5	24	0.1	1.6	0.2	64	0.28	0.016	10
201415	Soil	0.7	21.8	18.9	70	0.3	74.2	18.2	880	3.15	69.9	18.2	4.2	94	0.4	4.0	0.2	43	2.71	0.064	31
203276	Soil	0.4	26.5	10.6	50	0.1	512.3	53.8	836	4.07	7.8	1.5	3.4	32	<0.1	0.9	0.2	71	0.66	0.039	16
201424	Soil	0.9	32.7	11.9	78	<0.1	100.5	20.5	620	4.06	14.9	1.4	10.8	35	<0.1	0.8	0.3	76	0.96	0.090	26
203289	Soil	0.5	21.0	8.1	47	0.2	29.0	10.2	480	1.84	30.4	11.7	1.7	122	0.2	1.8	0.2	32	3.62	0.053	15
202329	Soil	0.7	43.0	22.1	76	0.2	69.3	19.6	525	4.13	44.4	4.2	8.4	67	0.2	6.0	0.2	56	1.43	0.061	46
202332	Soil	1.2	19.0	14.0	38	0.2	19.1	9.7	792	2.18	25.4	2.7	6.4	60	0.2	4.6	0.2	32	1.60	0.076	38
202343	Soil	1.2	17.3	21.4	106	0.5	66.8	36.0	1496	3.49	79.8	10.3	4.0	48	0.4	9.2	0.2	56	0.90	0.063	23
202353	Soil	0.4	37.6	11.2	64	<0.1	194.2	30.7	447	3.66	6.5	1.1	2.0	26	0.2	0.6	0.2	56	0.42	0.037	8
202320	Soil	0.7	8.3	6.4	31	<0.1	67.4	6.0	126	1.67	3.8	3.7	1.5	15	0.2	0.6	0.2	47	0.13	0.018	8
202326	Soil	0.8	29.1	22.5	75	0.6	37.7	17.0	392	3.41	90.5	7.0	2.3	35	0.3	8.0	0.2	54	0.52	0.060	27
201420	Soil	0.8	40.5	118.6	111	0.2	154.8	24.0	913	3.78	47.0	7.5	5.5	42	0.3	4.6	0.4	40	1.39	0.053	22
202346	Soil	0.7	26.8	17.5	69	0.5	221.7	44.7	1132	2.86	58.3	12.4	3.6	43	0.4	12.5	0.2	27	0.79	0.060	21
201406	Soil	0.7	32.7	15.3	65	0.1	39.6	17.2	526	3.28	55.5	7.7	5.8	54	0.2	6.1	0.2	50	1.40	0.061	35
201410	Soil	0.6	30.8	12.8	80	0.2	61.7	17.9	631	3.61	79.5	9.1	7.2	57	0.2	4.5	0.2	46	1.42	0.051	35
201418	Soil	0.6	26.4	9.9	70	0.1	37.1	23.0	726	3.74	21.2	2.8	5.1	66	0.1	1.8	0.1	50	1.72	0.063	40
201421	Soil	0.5	33.8	11.8	64	0.1	83.5	12.9	412	1.75	18.9	5.3	1.4	87	0.3	1.8	0.2	24	2.84	0.056	15
201413	Soil	0.6	26.8	11.2	56	0.1	75.6	17.0	650	2.87	38.5	13.2	4.1	89	0.2	1.4	0.1	42	2.55	0.063	22
202321	Soil	0.8	12.5	7.5	43	<0.1	101.6	12.1	337	2.23	5.9	0.7	1.2	20	0.2	0.6	0.2	52	0.22	0.022	7
201403	Soil	0.8	57.3	27.6	117	0.1	67.2	20.8	816	3.86	52.5	5.6	5.8	49	0.4	3.1	0.3	76	1.24	0.056	19



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		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
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
204088	Soil	229	1.12	218	0.062	3	1.63	0.014	0.10	0.1	0.05	5.2	0.2	<0.05	5	<0.5	<0.2
203296	Soil	91	1.10	275	0.084	2	1.91	0.015	0.24	<0.1	0.05	5.6	0.3	<0.05	6	<0.5	<0.2
204059	Soil	47	0.90	277	0.044	2	2.21	0.012	0.11	0.1	0.07	7.4	0.2	<0.05	6	<0.5	<0.2
201426	Soil	54	0.91	275	0.074	2	1.97	0.014	0.22	0.1	0.08	7.2	0.3	<0.05	5	0.7	<0.2
204091	Soil	404	2.20	154	0.065	<1	2.12	0.008	0.11	0.3	0.07	6.3	0.3	<0.05	6	<0.5	<0.2
203274	Soil	337	2.14	152	0.085	2	2.27	0.012	0.11	0.1	0.02	5.5	0.2	<0.05	6	<0.5	<0.2
202328	Soil	291	1.75	198	0.104	2	2.11	0.013	0.25	<0.1	0.03	6.5	0.4	<0.05	6	<0.5	<0.2
202354	Soil	329	3.28	234	0.119	<1	2.75	0.021	0.20	0.1	0.02	7.0	0.4	<0.05	5	<0.5	<0.2
204094	Soil	48	0.88	172	0.050	1	1.95	0.010	0.10	0.3	0.04	5.0	0.2	<0.05	6	<0.5	<0.2
203294	Soil	64	0.74	328	0.042	4	1.35	0.013	0.10	<0.1	0.09	3.9	0.2	0.08	4	1.0	<0.2
202356	Soil	243	1.74	149	0.096	<1	1.85	0.013	0.07	0.1	<0.01	4.0	0.1	<0.05	5	<0.5	<0.2
201415	Soil	148	1.13	218	0.051	3	1.63	0.012	0.18	0.1	0.07	6.2	0.3	0.05	4	0.5	<0.2
203276	Soil	643	4.03	166	0.078	1	2.49	0.011	0.08	<0.1	0.03	7.9	0.4	<0.05	5	<0.5	<0.2
201424	Soil	175	2.48	210	0.184	<1	2.87	0.010	0.71	0.1	0.02	7.6	0.6	<0.05	8	<0.5	<0.2
203289	Soil	52	0.69	205	0.049	4	1.18	0.013	0.12	0.1	0.05	2.8	0.1	0.08	3	0.6	<0.2
202329	Soil	101	1.01	251	0.093	3	1.80	0.011	0.26	0.1	0.08	7.6	0.3	0.07	6	0.6	<0.2
202332	Soil	30	0.41	220	0.048	2	1.03	0.010	0.09	0.1	0.06	3.4	0.1	0.10	3	<0.5	<0.2
202343	Soil	137	1.02	215	0.068	2	1.73	0.012	0.15	<0.1	0.05	4.6	0.2	<0.05	5	<0.5	<0.2
202353	Soil	323	3.25	210	0.120	3	2.77	0.019	0.13	<0.1	0.02	6.7	0.3	<0.05	5	0.5	<0.2
202320	Soil	143	0.55	113	0.066	3	0.63	0.008	0.05	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
202326	Soil	59	1.26	304	0.088	2	2.07	0.010	0.18	0.1	0.05	4.8	0.2	<0.05	6	<0.5	<0.2
201420	Soil	369	1.81	249	0.066	4	1.92	0.009	0.22	0.2	0.07	8.5	0.4	<0.05	6	0.8	<0.2
202346	Soil	384	1.57	266	0.053	5	1.48	0.010	0.10	0.1	0.05	5.8	0.2	0.05	4	0.7	<0.2
201406	Soil	56	0.81	271	0.064	3	1.58	0.009	0.21	0.1	0.07	5.7	0.3	<0.05	5	0.9	<0.2
201410	Soil	79	1.10	194	0.088	6	1.90	0.012	0.31	<0.1	0.05	6.2	0.3	<0.05	6	0.9	<0.2
201418	Soil	65	1.38	295	0.093	4	2.01	0.012	0.26	0.1	0.05	6.1	0.3	<0.05	6	<0.5	<0.2
201421	Soil	179	0.90	173	0.036	7	1.21	0.011	0.07	0.1	0.06	2.9	0.2	0.11	3	0.5	<0.2
201413	Soil	130	1.34	175	0.075	5	1.82	0.010	0.17	0.1	0.05	4.2	0.3	0.06	5	0.6	<0.2
202321	Soil	178	0.96	105	0.074	2	1.12	0.011	0.06	<0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
201403	Soil	109	1.29	170	0.093	3	2.12	0.011	0.26	0.2	0.08	5.8	0.4	<0.05	6	<0.5	<0.2



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
201419	Soil	0.6	32.1	14.5	74	0.1	62.5	19.9	699	3.53	59.9	6.8	7.3	65	0.2	5.4	0.2	46	1.56	0.064	36
201431	Soil	0.6	26.8	15.8	78	0.1	49.8	17.1	739	3.35	33.0	5.6	7.6	55	0.1	1.8	0.7	51	1.70	0.048	24
201417	Soil	0.5	24.8	17.1	94	0.2	50.6	19.6	744	3.46	79.9	17.4	4.5	62	0.4	4.5	0.1	45	1.84	0.063	28
201416	Soil	0.6	30.1	18.9	166	0.2	85.7	23.0	748	4.10	67.4	13.4	7.4	71	1.3	5.4	0.1	47	1.85	0.067	31
201409	Soil	0.5	48.2	18.5	73	0.3	55.5	18.7	500	3.55	38.5	9.0	6.9	54	0.2	3.5	0.2	49	1.25	0.052	39
201404	Soil	0.7	38.1	25.5	69	0.2	91.3	16.4	430	3.44	52.5	11.2	5.9	61	0.3	5.4	0.4	44	1.68	0.062	34
201401	Soil	0.3	17.6	3.0	27	0.1	14.3	3.7	272	0.95	2.9	1.3	0.9	85	0.3	0.4	0.2	16	2.70	0.044	6
201402	Soil	2.3	30.2	8.4	36	0.2	19.2	17.2	1551	2.22	8.2	2.0	2.7	68	0.3	1.7	0.6	22	2.26	0.069	40
201423	Soil	1.2	11.5	10.7	46	<0.1	18.8	6.4	229	1.94	5.4	1.6	3.9	23	<0.1	0.8	0.3	39	0.47	0.024	11
201399	Soil	4.6	34.8	18.3	60	0.2	49.8	11.3	366	2.93	25.5	3.3	24.3	25	0.1	3.1	1.7	54	0.56	0.066	64
201430	Soil	0.7	27.8	57.6	181	1.1	63.4	15.5	886	3.38	99.9	48.8	6.4	62	1.1	25.1	0.4	41	1.80	0.065	31
201425	Soil	1.9	24.9	16.1	55	0.2	24.8	12.5	620	2.52	17.3	2.9	6.2	51	0.4	1.6	1.3	41	1.46	0.061	29
201411	Soil	0.3	40.2	23.7	99	0.4	54.7	15.8	669	3.29	103.1	19.9	6.1	72	0.5	4.6	0.2	37	2.37	0.061	32
202360	Soil	1.0	18.8	5.8	61	0.1	11.7	7.9	305	2.62	4.3	1.7	2.8	50	<0.1	0.2	0.1	57	0.51	0.045	11
202348	Soil	0.2	25.1	7.4	46	0.1	302.5	26.7	561	2.21	4.5	3.2	2.1	52	0.2	0.9	0.1	25	0.81	0.056	12
202345	Soil	0.6	17.4	52.0	75	0.2	85.7	18.0	666	2.65	57.6	7.0	3.5	40	0.2	13.2	0.2	46	0.74	0.048	14
204084	Soil	0.9	35.3	36.6	105	<0.1	53.0	16.3	433	4.14	288.9	3.2	9.8	27	0.1	32.9	0.3	48	0.45	0.072	22
202330	Soil	0.6	50.1	21.7	75	0.2	50.6	16.4	424	3.37	81.8	4.9	7.2	53	0.2	8.4	0.3	47	1.40	0.062	31
204071	Soil	1.5	18.4	11.8	51	<0.1	27.3	12.1	388	4.10	36.0	2.5	4.5	13	0.2	3.1	0.2	82	0.12	0.025	13
202344	Soil	0.7	14.3	28.2	74	0.2	54.2	26.2	661	3.24	75.9	4.9	3.9	27	0.2	15.9	0.3	55	0.42	0.051	19
204068	Soil	0.6	38.0	13.0	58	0.2	88.0	21.4	868	3.86	80.3	10.1	6.1	48	0.1	3.2	0.2	59	1.05	0.065	36
204075	Soil	0.5	17.9	13.3	76	<0.1	66.9	23.2	509	4.13	7.7	1.2	5.0	82	<0.1	0.6	<0.1	95	1.74	0.347	28
204066	Soil	0.9	41.3	21.6	85	0.1	37.0	16.3	520	3.70	21.2	2.2	12.6	30	0.2	1.7	0.5	51	0.76	0.047	59
204081	Soil	0.5	22.3	16.5	66	0.7	34.4	13.1	708	2.69	124.1	15.7	4.1	63	0.3	5.4	0.2	46	1.46	0.073	21
204078	Soil	0.5	28.0	12.4	47	0.1	32.0	12.5	616	2.34	51.3	7.4	2.0	71	0.2	3.1	0.2	40	2.32	0.059	14
202338	Soil	0.5	24.7	25.2	117	0.5	43.2	15.6	911	2.77	172.6	33.7	4.9	73	0.5	100.0	0.2	42	1.93	0.066	20
202337	Soil	0.8	19.7	16.2	75	0.2	32.2	11.8	370	2.80	37.3	4.6	8.1	28	0.1	5.7	0.3	48	0.51	0.056	26
201400	Soil	3.5	26.2	18.4	62	0.2	25.7	16.3	366	3.74	29.2	1.0	9.9	38	0.2	2.0	1.0	52	0.88	0.045	24
202325	Soil	1.2	26.4	14.6	56	0.2	184.7	28.2	776	3.37	65.1	5.5	3.3	36	0.1	4.7	0.4	46	0.52	0.062	21
204086	Soil	0.9	34.7	14.6	75	0.2	88.3	20.4	716	3.73	79.4	7.0	7.4	45	0.1	10.2	0.3	47	1.08	0.059	36



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
201419	Soil	99	1.21	234	0.080	3	1.75	0.010	0.29	0.2	0.05	7.0	0.3	<0.05	5	0.6	<0.2
201431	Soil	83	1.62	185	0.087	3	2.21	0.010	0.29	<0.1	0.03	5.0	0.3	<0.05	6	<0.5	<0.2
201417	Soil	124	1.34	258	0.096	3	1.80	0.010	0.30	<0.1	0.05	5.2	0.4	0.05	6	<0.5	<0.2
201416	Soil	149	1.60	229	0.106	5	2.00	0.009	0.45	0.1	0.04	6.7	0.5	<0.05	6	<0.5	<0.2
201409	Soil	79	1.12	224	0.096	3	2.09	0.013	0.30	<0.1	0.06	6.6	0.3	<0.05	6	0.7	<0.2
201404	Soil	209	1.04	259	0.050	5	1.61	0.010	0.20	0.2	0.08	9.9	0.3	0.07	4	0.8	<0.2
201401	Soil	16	0.24	181	0.035	3	0.62	0.008	0.06	<0.1	0.05	1.2	<0.1	0.10	2	0.5	<0.2
201402	Soil	23	0.31	229	0.024	3	0.94	0.008	0.08	0.3	0.06	3.2	0.1	0.12	3	0.8	<0.2
201423	Soil	38	0.54	116	0.071	2	1.23	0.010	0.11	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
201399	Soil	76	1.03	214	0.105	3	1.79	0.012	0.36	0.3	0.04	7.3	0.4	<0.05	6	0.6	<0.2
201430	Soil	86	0.68	207	0.023	3	1.35	0.009	0.14	0.1	0.07	5.1	0.2	0.06	4	<0.5	<0.2
201425	Soil	38	0.88	253	0.069	2	1.65	0.012	0.12	0.1	0.05	4.1	0.2	0.08	5	<0.5	<0.2
201411	Soil	87	1.05	197	0.069	6	1.60	0.011	0.25	0.1	0.07	6.6	0.4	0.10	5	0.7	<0.2
202360	Soil	23	0.66	302	0.130	<1	1.63	0.015	0.07	0.1	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
202348	Soil	445	1.69	202	0.059	4	1.36	0.017	0.05	<0.1	0.05	5.1	<0.1	0.06	4	<0.5	<0.2
202345	Soil	225	1.19	192	0.066	4	1.56	0.013	0.09	0.2	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
204084	Soil	69	1.10	110	0.101	2	2.01	0.006	0.48	0.1	0.01	4.3	0.6	<0.05	6	<0.5	<0.2
202330	Soil	78	0.88	163	0.073	5	1.69	0.013	0.23	0.1	0.07	6.0	0.3	0.09	5	0.7	<0.2
204071	Soil	49	0.53	159	0.087	<1	2.25	0.014	0.09	0.1	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
202344	Soil	135	0.99	169	0.079	2	1.78	0.010	0.11	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
204068	Soil	158	1.13	305	0.073	2	1.96	0.012	0.15	0.2	0.07	7.7	0.3	<0.05	6	0.6	<0.2
204075	Soil	118	2.68	192	0.149	<1	2.86	0.014	0.57	0.1	0.02	5.8	0.4	<0.05	9	<0.5	<0.2
204066	Soil	41	1.01	209	0.102	1	2.13	0.010	0.23	0.2	0.04	5.2	0.3	<0.05	7	<0.5	<0.2
204081	Soil	49	0.74	256	0.056	3	1.65	0.013	0.15	0.1	0.05	4.9	0.2	0.06	5	0.7	<0.2
204078	Soil	42	0.56	258	0.049	4	1.27	0.013	0.09	0.1	0.04	3.6	0.1	0.07	3	0.6	<0.2
202338	Soil	69	0.84	255	0.064	6	1.46	0.012	0.13	0.1	0.07	4.5	0.4	0.08	4	<0.5	<0.2
202337	Soil	72	0.73	157	0.074	3	1.64	0.010	0.09	0.2	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
201400	Soil	38	0.72	176	0.066	3	1.74	0.010	0.08	0.2	0.05	4.4	0.2	<0.05	5	<0.5	<0.2
202325	Soil	299	1.18	336	0.038	3	1.98	0.011	0.08	0.2	0.05	6.3	0.2	<0.05	5	<0.5	<0.2
204086	Soil	156	1.10	266	0.072	2	1.90	0.010	0.19	0.3	0.09	6.9	0.3	<0.05	6	<0.5	<0.2



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Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
																						Analyte
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
202322	Soil	0.5	18.6	10.1	45	<0.1	228.9	30.2	434	2.92	9.1	0.8	2.6	24	0.2	0.7	0.2	45	0.30	0.029	9	
202340	Soil	0.4	29.4	31.5	117	0.5	46.6	15.1	714	2.75	148.7	15.3	3.6	73	0.5	19.9	0.3	35	2.02	0.059	19	



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Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.1	0.05	1	0.5	0.2	
202322	Soil	271	1.95	143	0.084	1	1.74	0.015	0.05	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2	
202340	Soil	60	0.60	261	0.044	7	1.19	0.011	0.12	0.2	0.09	4.0	0.5	0.10	4	<0.5	<0.2	



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QUALITY CONTROL REPORT

WHI17000601.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		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	2	0.01	0.001	1	
Pulp Duplicates																					
201429	Soil	0.8	24.2	19.4	70	0.3	43.2	16.3	639	3.54	115.0	24.0	8.5	40	0.2	10.1	3.8	54	1.14	0.058	33
REP 201429	QC	0.7	26.3	19.7	73	0.3	43.9	16.1	663	3.69	118.3	24.1	8.8	41	0.3	9.6	3.3	56	1.23	0.058	34
202342	Soil	0.5	16.5	17.3	75	0.5	50.0	17.4	1053	2.82	166.4	10.2	3.8	59	0.2	11.1	0.1	42	1.36	0.050	19
REP 202342	QC	0.6	15.7	17.0	80	0.5	47.6	17.5	1109	3.03	175.9	10.1	4.0	62	0.3	10.7	0.2	42	1.36	0.052	20
204059	Soil	1.1	47.4	13.4	58	0.2	30.7	15.8	497	3.42	24.7	4.5	8.1	33	0.1	5.0	0.8	60	0.66	0.052	36
REP 204059	QC	0.9	46.1	13.0	57	0.2	31.0	15.3	486	3.37	23.5	4.6	7.8	32	0.2	5.3	0.7	58	0.65	0.054	35
201423	Soil	1.2	11.5	10.7	46	<0.1	18.8	6.4	229	1.94	5.4	1.6	3.9	23	<0.1	0.8	0.3	39	0.47	0.024	11
REP 201423	QC	1.3	11.7	11.2	47	<0.1	18.5	6.3	230	1.92	5.2	1.3	4.0	23	<0.1	0.8	0.4	40	0.50	0.023	11
204086	Soil	0.9	34.7	14.6	75	0.2	88.3	20.4	716	3.73	79.4	7.0	7.4	45	0.1	10.2	0.3	47	1.08	0.059	36
REP 204086	QC	0.9	34.8	14.4	76	0.1	90.4	20.4	702	3.66	78.9	4.9	7.2	45	0.1	9.9	0.3	51	1.06	0.061	36
Reference Materials																					
STD DS11	Standard	13.7	142.8	139.3	327	1.7	73.2	12.9	992	3.11	42.1	88.5	8.1	68	2.4	8.9	11.9	46	1.02	0.071	19
STD DS11	Standard	12.9	153.4	141.3	344	1.7	78.0	13.0	1020	3.09	44.4	80.1	8.7	71	2.2	10.3	13.4	46	1.00	0.068	18
STD DS11	Standard	13.5	139.6	135.6	331	1.6	74.4	13.5	1038	3.14	41.8	93.1	7.9	69	2.3	9.2	11.8	45	1.01	0.069	18
STD DS11	Standard	13.3	147.8	138.6	345	1.8	77.7	13.8	1039	3.20	44.4	74.4	7.8	70	2.4	8.6	12.3	48	1.06	0.070	18
STD DS11	Standard	13.5	150.5	133.8	340	1.7	79.1	13.6	1023	3.15	41.3	78.4	7.8	70	2.2	9.3	12.6	49	1.02	0.070	19
STD DS11	Standard	14.2	146.6	137.6	351	1.7	75.1	12.9	1012	3.13	42.1	85.1	7.8	68	2.2	8.9	11.8	46	0.99	0.069	18
STD OXC129	Standard	1.2	24.9	6.6	39	<0.1	73.0	19.7	418	3.06	0.6	194.6	1.9	187	<0.1	<0.1	<0.1	49	0.69	0.101	12
STD OXC129	Standard	1.2	26.6	6.6	38	<0.1	79.6	19.6	407	2.97	0.7	205.9	2.0	181	<0.1	<0.1	0.1	50	0.64	0.101	13
STD OXC129	Standard	1.2	26.6	6.4	40	<0.1	75.6	19.0	425	3.11	0.6	188.5	1.9	192	<0.1	<0.1	<0.1	49	0.72	0.097	12
STD OXC129	Standard	1.2	26.8	6.4	40	<0.1	75.6	19.4	415	2.97	<0.5	187.6	1.9	185	<0.1	<0.1	<0.1	47	0.64	0.099	13
STD OXC129	Standard	1.3	27.3	6.3	41	<0.1	78.6	20.3	419	3.09	0.5	200.9	1.9	200	<0.1	<0.1	<0.1	53	0.71	0.103	13
STD OXC129	Standard	1.3	25.7	6.4	40	<0.1	74.4	19.2	391	2.99	0.6	197.8	1.8	173	<0.1	<0.1	<0.1	49	0.63	0.094	12
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9				51	0.665	0.102	13	
STD DS11 Expected		14.6	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
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	<2	<0.01	<0.001	<1
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	<2	<0.01	<0.001	<1
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	<2	<0.01	<0.001	<1



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
201429	Soil	57	1.09	189	0.055	1	1.77	0.009	0.30	0.1	0.06	7.2	0.4	<0.05	5	0.5	<0.2
REP 201429	QC	59	1.10	187	0.057	1	1.80	0.009	0.32	0.1	0.05	7.4	0.4	<0.05	5	0.7	<0.2
202342	Soil	93	0.89	192	0.071	1	1.46	0.012	0.17	0.1	0.04	3.7	0.2	<0.05	5	<0.5	<0.2
REP 202342	QC	87	0.85	195	0.076	2	1.45	0.011	0.20	<0.1	0.06	3.8	0.2	<0.05	5	<0.5	<0.2
204059	Soil	47	0.90	277	0.044	2	2.21	0.012	0.11	0.1	0.07	7.4	0.2	<0.05	6	<0.5	<0.2
REP 204059	QC	45	0.90	270	0.044	1	2.17	0.012	0.10	0.2	0.07	7.3	0.2	<0.05	6	<0.5	<0.2
201423	Soil	38	0.54	116	0.071	2	1.23	0.010	0.11	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
REP 201423	QC	39	0.54	117	0.072	2	1.27	0.010	0.12	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
204086	Soil	156	1.10	266	0.072	2	1.90	0.010	0.19	0.3	0.09	6.9	0.3	<0.05	6	<0.5	<0.2
REP 204086	QC	163	1.07	268	0.072	3	1.84	0.010	0.19	0.3	0.09	7.1	0.3	<0.05	6	<0.5	<0.2
Reference Materials																	
STD DS11	Standard	57	0.86	377	0.094	6	1.12	0.071	0.40	3.1	0.26	3.1	4.9	0.26	5	2.3	4.4
STD DS11	Standard	58	0.84	359	0.097	7	1.10	0.071	0.39	3.3	0.27	3.1	4.9	0.27	5	1.5	4.8
STD DS11	Standard	55	0.85	360	0.091	6	1.14	0.075	0.40	3.0	0.24	3.2	4.8	0.26	5	1.8	4.7
STD DS11	Standard	59	0.82	364	0.092	7	1.12	0.073	0.40	2.9	0.27	3.2	5.1	0.24	5	2.0	4.5
STD DS11	Standard	60	0.85	356	0.091	7	1.16	0.072	0.40	3.0	0.25	3.2	5.0	0.27	5	1.1	4.4
STD DS11	Standard	56	0.82	361	0.088	7	1.08	0.068	0.38	2.9	0.31	2.9	4.8	0.24	5	1.8	4.7
STD OXC129	Standard	49	1.48	48	0.401	<1	1.52	0.570	0.36	<0.1	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	50	1.54	49	0.421	2	1.54	0.592	0.36	<0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	49	1.52	51	0.379	<1	1.50	0.582	0.37	<0.1	<0.01	0.8	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	48	1.47	50	0.369	<1	1.51	0.582	0.36	<0.1	<0.01	0.6	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	53	1.59	50	0.406	<1	1.61	0.597	0.36	<0.1	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	47	1.48	48	0.373	<1	1.46	0.552	0.35	<0.1	<0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.3	3.4	4.9	0.2835	5.1	1.9	4.56
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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	2	0.01	0.001	1
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	<2	<0.01	<0.001	<1
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	<2	<0.01	<0.001	<1
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	<2	<0.01	<0.001	<1



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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2