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

BC Geological Survey
Assessment Report
37829

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical

TOTAL COST: $7,536

AUTHOR(S): D. Cremonese, P.Eng. **SIGNATURE(S):** D. Cremonese

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2018

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5709154, 5724113

PROPERTY NAME: Bonsai

CLAIM NAME(S) (on which the work was done): 1041405

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Skeena **NTS/BCGS:** 104B/10

LATITUDE: 57 ° 37 ' " **LONGITUDE:** 130 ° 34 ' " (at centre of work)

OWNER(S):
1) Teuton Resources Corp. 2)

MAILING ADDRESS:
2130 Crescent Road
Victoria, BC V8S 2H3

OPERATOR(S) [who paid for the work]:
1) As above 2)

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Jurassic, Plutons, Monzodiorites, Triassic, Stuhini Group, Marine sediments, Hazelton Group, Andesitic volcanics, Bowser Lake Group, Mudstones, Siltstones, Exhalative

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 19701, 19714, 22894, 23718, 24712, 24281, 32243, 32686, 34540

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	17 Gold 30 Element ICP	1041405	$7,536
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$7,536

ASSESSMENT REPORT
ON
GEOCHEMICAL WORK
ON THE FOLLOWING CLAIM

#1041405

Bonsai Property

STATEMENTS OF WORK - #5709154, #5724113

Located
80 KM NORTH-NORTHWEST OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

56 degrees 37 minutes latitude
130 degrees 34 minutes longitude

MAPSHEETS 104B/10

PROJECT PERIOD: July 20 to August 30, 2018

ON BEHALF OF
TEUTON RESOURCES CORP.
VICTORIA, B.C.

REPORT BY

D. Cremonese, P. Eng.
2130 Crescent Road, Victoria, BC

Date: December 28, 2018

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1. INTRODUCTION

A. Property, Location, Access and Physiography

The Bonsai property is located approximately 80 kilometers north-northwest of Stewart, British Columbia, at the headwaters of Harrymel Creek, a southerly flowing tributary of the Unuk River (**Figure 1**). The Eskay Creek mine is situated 8 kilometers to the east of the claims. The Alaska boundary is 35 km to the southwest of the property and tidewater is a further 40 km southwest at Burrough's Bay at the mouth of the Unuk River.

Access to the property is by vehicle to the Eskay Creek mine site lying a few kilometers to the east, then by helicopter to the Bonsai claims. An alternate route is a 35 kilometer direct helicopter flight from Bob Quinn on Highway 37 or 80 kilometers from a helicopter base at Stewart, B.C. During the 2018 program, access was provided by a Hughes 500 under contract to Teuton Resources originating in Stewart. Although Eskay Creek closed its operations many years ago, the property is once again being actively explored by Skeena Resources; in addition, a large exploration program mounted by Garibaldi Resources in 2017-18 on its promising nickel prospect the E & L, located to the southwest of the Bonsai, ensures that exploration activity in the region remains active.

Climate in the area can be severe. Heavy snowfalls in the winter and rain and fog in the summer are typical of the Unuk river area.. In general, due to large snowfall, the surface exploration in the property area is restricted to summer and early fall with the maximum rock exposure occurring in late August to October.

The property encompasses the west edge of the Prout Plateau, the cliff like eastern slopes of Harrymel Creek as well as the toe area of Melville Glacier. Elevations range from 700 m at the base of Harrymel Creek in the south to 1040m in the northeastern comer of the claims. The recent retreat of the Melville Glacier is evidenced by the dominantly moraine covered lower slopes of the northern portion of the property. Rock exposure is generally confined to the steeper sections of the slopes in Harrymel Creek and along ridges on Prout Plateau. Vegetation consists of dense thickets of slide alder, devil's club and salmon berries on the slope of Harrymel Creek and sub-alpine spruce and juniper on Prout Plateau.

B. Status of Property

Relevant information for the main claims comprising the Bonsai property is found below:

Name	Tenure Number	Current Expiry Date	Area (ha)
	1033504	2020/Aug/31	17.8
Bonsai Fraction	1035470	2020/Aug/31	35.61

	1041405	2020/Aug/31	35.60
	1041575	2020/Aug/31	71.20
	1041576	2020/Aug/31	35.61

Claim locations are shown on Fig. 2, which also includes an index for each of Figs. 4-6 which report results of geochemical sampling. The Bonsai claims are wholly owned by Teuton Resources Corp. of Victoria, British Columbia.

C. History

The Bonsai property lies close to the former Eskay Creek mine and as such its history is tied into the remarkable story of that mine and its development. The first significant and recorded exploration at Eskay began in the early 1930s when Tom Mackay and his associates started prospecting in the Sulphurets-Mitchell valleys, Ketchum Creek and Eskay Creek areas. During this time several claim groups were staked over the area of the Eskay Creek mine as well as the nearby Sulphurets area (the latter having now developed into the $1 billion Valley of the Kings gold mine owned by Pretium Resources and its neighbor the KSM property owned by Seabridge Gold).

Premier optioned the Eskay property from 1935 to 1938 and identified thirty prospects including the 21 zone. Gold and silver-rich boulders containing orpiment and realgar were discovered in the 21 zone area but the source was never located. After 1945, numerous companies explored the Eskay area intermittently with the emphasis alternating between precious metals and base metals. In the 1980s, Kerrisdale Resources optioned the property from then owner Cons. Stikine Resources and intersected the first stratiform mineralization in the 21A zone. However, the significance of that discovery was not fully appreciated and through misadventure the option on the property was dropped (much to the chagrin of the Kerrisdale shareholders). In 1988 a joint venture of Consolidated Stikine Resources and Calpine Resources confirmed massive sulphides at the 21 Zone and, following IP and geochemical surveys, drilled hole 109, the “discovery hole” which intersected a very remarkable 208 meters averaging 27.2 g/t gold and 30.2 g/t silver. This discovery in 1988 initiated a staking rush and generated considerable interest and work in the Iskut and Stewart area.

A summary of the exploration on the area underlain by the Bonsai claims is as follows (largely excerpted from Kristian Whitehead’s 2011 report, cf. References):

1988: Teuton Resources Corp. staked the original Bonsai claims in 1988 to cover a north-south trending belt of felsic volcanics on the east side of Harrymel Creek. In 1989 the property was optioned to Cassandra Resources.

1989: Cassandra carried out a limited program of prospecting, geochemical sampling and EM-VLF surveys the same year. Prominent gossans in felsic volcanics east of the toe of Melville Glacier carried pyrite mineralization anomalous in gold and arsenic. Magnetometer and VLF EM-16 anomalies were noted in the same area. Coincidental anomalous areas were recorded for the magnetometer and VLF EM-16 surveys. Precious metal assays varied from less than 0.002 to a high of 0.124 ounces gold per ton. The majority of the above average assays occurred in the gossanous area of the claims.

1991: Cassandra relinquished the option. A small rock sampling program by Teuton personnel over the area of anomalous gold values confirmed and extended the Cassandra program results.

1994: Prime Resources Group Inc. optioned the ground and carried out an exploration program including 1:2500 scale geologic mapping, 11.2 line kilometers of grid soil sampling, and two trenches totaling fourteen meters. The soil sampling program delineated several anomalous zones, the most interesting of which was located above the new Twisted Ankle Showing. This anomaly covers an area of approximately 5000 square meters and has a highest gold value of 320 ppb. The source of this anomaly was not identified in outcrop.

1995: The exploration program included diamond drilling totaling 1180 meters in five holes, 1: I 00 scale mapping and the collection of 47 rock samples from 10 continuous chip lines, and infill soil sampling. Drilling confirmed that the rhyolite sills dip moderately to the east, are concordent with stratigraphy and thin rapidly down dip. Assays from the mudstones averaged between 3 and 124 ppb Au with a high value of 1710 ppb Au over 1 meter. Assays from continuous chip lines returned gold values from below detection to a high of 1330 ppb Au.

1996: The exploration program by the Prime Group consisted of a single diamond drill hole collared on the eastern shore of Little Tom MacKay Lake. The hole targeted rhyolite along strike and to the north of the Bonsai showing. No anomalous mineralization was intersected in this single drill hole, which was drilled to a final depth of 710.18 meters.

2001: The property was optioned to Heritage Explorations Ltd who initiated a program of regional data capture, review and analysis by Geoinformatics. Data collected included 332 drill holes, 34,000 geochemical samples of various types, 36 geological outcrop and interpretation maps, 29 geophysical datasets, and mineral occurrence information, topographic and cadastral data. In 2001 a geochemical orientation survey was undertaken in the general Eskay area to determine an appropriate stream sediment technique to locate the most prospective terrain.

2003: Three drill holes totaling 771 meters were completed on the Bonsai showing. Drilling intersected significant low grade gold/silver mineralization in pyritic rhyolite breccia beneath the main gossan outcrop.

2004: An airborne EM-magnetic survey was flown late in the field season as part of a larger program encompassing all the Heritage claims in the Eskay area. The survey was undertaken by Aeroquest Limited using their AeroTEM time domain system. The survey outlined A moderately conductive discrete anomaly, 600m x 100m x 50m dimensions, steeply dipping (discordant to stratigraphy?) along the west side of Harrymel Creek. The 2004 program consisted of one diamond drill holes in the area of the main Bonsai showing The Bonsai hole tested the southern extension of the mineralization hosted in a brecciated rhyolite intersected in 2003. A shorter interval of similar style mineralization was intersected assaying up to 0.35 gpt gold.

2005: Four drill holes totaling 650.06 meters were completed; two tested the airborne EM anomalies while two tested beneath the Bonsai showing. The holes testing the EM conductor failed to intersect the source of the conductive zone while the holes in the Bonsai area intersected low gold and silver values.

2010: Copper Creek Ventures optioned the property from Teuton Resources and carried out a $1 million program consisting of MMI soil sampling, geophysical surveys (3-dimensional IP and UREM) and drilling of 11 holes.

2011: Copper Creek Ventures took 202 soil samples and carried out some follow-up drilling (4 holes) on the west side of Harrymel Creek near the previous drilling done by Homestake.

2013: Copper Creek carried out some minor work on the property, assaying some unsampled portions of core.

D. References

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WHITEHEAD, K.L. (2011); Assessment Report, Geophysics and Diamond Drilling Report on the Bonsai property. Ass't Report #32243

WHITEHEAD, K.L. (2012); Assessment Report, Geochemical Soil Sampling and Diamond Drilling on the Bonsai property. Ass't Report #32686

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E. Summary of Work Done.

The 2018 Bonsai geochemical program was part of a larger, summer program involving exploration of several Teuton properties in the Stewart region. This field work spanned the period from July 20 to September 30, 2018. Field crew for the Bonsai program consisted of geologist Ken Konkin and geologist Jeff Austin. The author of this report was also in Stewart during this time and provide supervisory assistance.

Air support was provided under contract by Bajo Reef Helicopters.

The program consisted of surface rock geochem sampling over areas of interest within the properties. The areas were accessed by helicopter from the base in Stewart on August 14, 2018.

A total of 17 rock (grab, chip, select, float and moraine) samples were collected during this program. All samples were prepared and analyzed for gold content/ICP at the Activation Labs facility in Kamloops, BC.

2. TECHNICAL DATA AND INTERPRETATION

A. Regional and Property Geology

The report on regional and property geology below is largely taken from the 2011 report by Kristian Whitehead, which in turn borrows from previous reports by Bidwell and Worth as well as Kaip and Kuran. Regional geology is presented in Fig. 3.

The Bonsai property is located in northwestern Stikinia, the largest of the allochtonous terrains which form the Intermontane Belt of the Canadian Cordillera (Figure 3), one of the major accreted terranes that became incorporated into western North America along the western boundary of the Intermontane Belt of northwest British Columbia. Stikinia is comprised of well stratified Lower Devonian to Middle Jurassic volcanic and sedimentary strata and plutonic rocks. The volcanics and sediments formed within or adjacent to volcanic arcs and the plutonic rocks are generally co-magmatic with the volcanics. Within the project area Stikinia is composed of four major tectnostratigraphic assemblages:

1) Multiple deformed and metamorphosed clastic, carbonate and volcanic rocks of the Upper Paleozoic Stikine Assemblage;
2) Upper Triassic volcanic and sedimentary rocks of the Stuhini group;
3) Lower and Middle Jurassic subaerial and submarine volcanic and sedimentary rocks of the Hazelton Group; and
4) Clastic sedimentary overlap assemblages of the Middle and Upper Jurassic Bowser Lake Group.

The Hazelton Group hosts many of the mineral deposits in the area of interest. Mineral Deposit Research Unit (MDRU) studies in the 1990s defined three stratigraphic divisions within the Hazelton Group (Table 1). They comprise, from lowest to highest, a) basal, coarse to fine grained, locally fossiliferous, siliciclastic rocks (Jack Fm), b) porphyritic andesitic composition flows, breccias and related epiclastic rocks; dacitic to rhyolitic flows and tuffs; and locally fossiliferous marine sandstone, mudstone and conglomerate (Betty Creek Fm), and c) bimodal subaerial to submarine volcanic rocks and intercalated mudstone (Salmon River Fm).

Mesozoic intrusive activity in the Iskut River area involved two major events: a Late Triassic magmatic pulse of diorite, quartz monzonite and monzodiorite and extended Early to Middle Jurassic plutonism. These plutons are contemporaneous with the volcanic units of the Hazelton Group and probably represent intrusive equivalents to these rocks. The Early to Middle Jurassic intrusives called the Texas Creek plutonic suite are associated with many of the mineral deposits in the project area.

Stikinia is bounded to the west by Cretaceous and Tertiary intrusions of the Coast Plutonic Complex which record the amalgamation of the lntermontane Belt with the Insular Belt to the west during Latest Cretaceous. Tertiary volcanic rocks lie unconformably above the Paleozoic to Jurassic basement strata and form a north - south trending belt from the lskut region north to Level Mountain, north of the Stikine River. These volcanic rocks are post accretionary and formed during Eocene crustal extension.

The property area was mapped by Prime Resources group in 1995. The geology was described by Kaip and Kuran in ARIS report 24281 as follows:

"UNIT 1: The oldest unit exposed on the Bonsai property comprises a structurally disrupted sequence fine-grained sediments, andesite, and epiciastic sediments. The sediments (Unit Ised) are dominantly massive, black siltstones with calcareous sandstone interbeds. Volumetrically, andesites (Unit land) are the most abundant member of this unit and comprise pale green, aphyric to plagioclase-hornblende phyric, flows, and sills. Locally pillowed and amygdaloidal units are present. Intercalated with Unit 1 and are maroon colored volcanic conglomerates (Unit lepi). Casts are feldspar-phyric, well to sub-rounded, and 0.1 to 20 cm.

UNIT 2: Conformably overlying Unit 1 are amygdaloidal andesite breccias exposed in the southern portion of the mapped area. Unit 2 is strongly bleached due to intense carbonate alteration. Common coarse breccias and agglomeratic textures indicate a very proximal source for this unit. Fragments, up to cobble size are rounded, strongly amygdaloidal and supported within a matrix of silt and/or fine ash. UNIT 3: Underlying the north central portion of the map area is a small body of heterolithic dacitic breccia. This unit lies between units 1 and 4, apparently conformably, and in the same stratigraphic position as Unit 2. Timing relations between units 2 and 3 are undetermined.

Unit 3 is pale to medium green with fragments of pumiceous, flow banded and aphanitic felsic lithologies and black siltstone are present. Clasts are angular and poorly sorted and hosted within a matrix of chloritized ash.

UNIT 4: The uppermost of the stratified rocks exposed in the mapped area are sedimentary rocks designated as Unit 4. The basal portions of this unit are dominantly a massive black mudstone to siltstone. Higher in the section siltstones are interbedded with feldspathic wacke and conglomerates containing clasts of siltstone, wacke and andesite. Stratigraphically above Unit 5th~ is a distinctive pebble conglomerate unit which contains angular clasts of flow banded and massive pyritic rhyolite. Rare bedded pyrite lenses are also observed stratigraphically above the rhyolite. This unit is interpreted to represent the shedding of felsic material from the emergent portions of Unit Srhy. Unit 4 is interpreted to be part of the Aalenian to Bajocian Salmon River Formation sedimentary rocks which are host to the Eskay Creek deposit. This unit of andesitic, amygdaloidal lapilli tuffs and ash tuffs are intercalated with sedimentary rocks of Unit 4. Characteristic of this unit are angular siltstone fragments, interpreted as rip- up clasts. These andesitic tuffs are not exposed on surface, but were identified in drill core. Regionally these tuffs are correlated with a laterally persistent andestic tuff which is exposed to the east of the Bonsai property.

Intrusive Rocks

UNIT 5dac: Exposed near the base of the slope is a small body of strongly flow banded dacite with small areas of auto-brecciation along its western margin. It is fault bounded on the northern and southern sides.

UNIT 5rhy: Along the upper slopes of the mapped area lies a discontinuous but laterally persistent series of rhyolite domes which intrude into sedimentary rocks of Unit 4. Internally the rhyolite is autobrecciated, consisting of angular clasts of white to grey colored, massive and flow banded rhyolite within an amorphous siliceous matrix. Both the matrix and clasts contains up to 5% fine-grained disseminated pyrite. The upper contact of the rhyolite locally forms a black matrix breccia consisting of angular rhyolite clasts within a black siliceous matrix.

Unit 5rbx: Black matrix breccias are also developed adjacent to rhyolite however; these breccias are characterized by sericitically altered fragments of rhyolite within a matrix of siltstone. The rhyolite is thought to represent a shallowly intrusive dome complex, with the black matrix breccia forming in response to the intrusion of the rhyolite domes into unlithified sediments. A rhyolite body, exposed below the main trace of Unit Srhy, along line 1 +OON is interpreted to represent a dyke feeding the domecomplex. One such body in the northern portion of the mapped area (at LlO+OON 3+5OW) appears to cut massive andesite of Unit 1 and has an envelope of strong silicification. Unit 5rhy is correlated with Salmon River Formation rhyolite which forms the footwall to massive sulphide mineralization of the 21 B zone at the Eskay Creek deposit. On the east limb of the Eskay Anticline, this unit has been

dated at 175+5.6/-0.5 Ma by U-Pb zircon.

UNIT 5gb: Sills and dykes of gabbroic intrude sedimentary strata of Unit 4, forming the prominent cliffs exposed along the top of the slope. The sills are pyroxene and plagioclase bearing and vary medium grained in the core to aphanitic along the margins. The margins of gabbro sills are commonly brecciated and carbonate+sericite altered. These contact breccias.

Unit 5gbx: consist of ameboid fragments of gabbro in a silt matrix and are characteristic of intrusion into unlithified sediments. Sills and dykes of Unit 5gb are exposed both above and below the trace of Unit rhy.

UNIT Gdio: Observed throughout the mapped area are north and northeast trending dioritic dykes. These are fine grained, feldspar-hornblende phyric, strongly magnetic and generally 0.5 to 3 meters wide. They can be observed to cut all of the upper units on the property and often follow pre-existing structures. The age of Unit Gdio is interpreted to be post-Cretaceous."

B. Geochemistry – Rock

a. Introduction

Locations for all 17 rock samples taken either by geologists Ken Konkin or Jeff Austin during the 2018 program were logged and recorded with a handheld GPS unit.

b. Treatment of Data

Results for each of the soil and rock samples are presented in this report in Figs. 4 to 6, with locations for each of these figures indexed as against claim boundaries on Fig. 2. The figures present gold, silver and arsenic values in a table for each sample number, with increasing values represented by differently coloured dots.

The various geochem maps are summarized below:

Fig. 4 Au in Rocks
Fig. 5 Ag in Rocks
Fig. 6 As in Rocks

As in other small-scale surveys, a statistical treatment according to standard methods was not deemed practical. In lieu of such treatment, the author has simply chosen anomalous levels by reference to several rock geochemical programs conducted over other properties in the Stewart region over the past ten years. On this basis, anomalous levels are indicated below:

Element	Anomalous Above*
Gold	100 ppb
Silver	3.6 ppm
Arsenic	200 ppm

*Anomalous ranges will vary greatly according to rock type. For this reason, defining anomalous levels for any particular property based on regional averages is somewhat arbitrary

c. Sample Descriptions

Rock geochemical sample descriptions follow. Where any values for gold, silver or arsenic are anomalous, the complete set of values has been included (along with a description and the anomalous values highlighted in bold). GPS coordinates for each sample are noted in Figs. 4 to 6.

H427648--Select grab of gossanous black shale/argillite; pyrite observed <1%; strong iron oxide on fractures. Elevation 723m.

H427649—0.6m chip across silicified seds (greywacke) - mod to strong silicification; dark black sulphide aggregates parallel bedding; 7% sulphides pyrite and arsenopyrite; bedding is 218/-85l Elevation 733m.

Au	-	19	ppb	Ag	-	0.2 ppm
As	**-**	**746**	**ppm**			

H427650-- 1m chip adjacent to the last sample; laminated siltstone; less silica than previous and rock is more friable with increase in sericite; silica knobs (5cm wide) within very strong gossan; minor observed pyrite and arsenopyrite. Elevation 733m.

H427674—moraine sample, 30x20cm 5fg/m, bk-dk grey, P1sil, 10-15% white drusy qtz vlts, 1-2% diss brassy PY in qtz and host, F3lim, WS2lim. Elevation 728m.

H427675-- 1.8 select chip through area of increased 7-10% laminated PYseams 15-20cm long, 1-3mm thick along stratification of V4/V3 xt/lt, with tr-2% diss fg brassy euhedral PY. Elevation 737m.

H427676-- 10x30cm alluvial fan, angular float at base of creek, siliceous bx, exhalitive? 7-10% fg diss-interstitial PY, tr<2% fg-mg ASPY,moderate scoridite on WS with strong hem/lim ox. Elevation 737m.

Au	**-**	**454**	**ppb**	**Ag**	**-**	**16.4 ppm**
As	**-**	**571**	**ppm**			

H427677—1m chip. Fault Gouge, intense tectonic breccia of ground up bk argillitic siltstone/mudstone with minor cobbles of very hard siliceous exhalitive rounded frags with 1-2 fg diss PY, 5-7% white barren qtz vlts, in dry creek bed. Elevation 758m.

H427678—1.5m chip. S5m, base of 15m high bluff/cliff, WS1hem, P2sil, tr-2% diss fg PY, smooth glaciated surface below the gold-bearing PY horizon or possible exhalitive, if beds inverted this is HW. Elevation 814m.

Au	-	11	ppb	Ag	-	<0.2 ppm
As	**-**	**380**	**ppm**			

H427679—1.4m chip. re-sample old site BZ92046, semi-massive pods sucrosic textured PY in layers with cherty or siliceous gel possibly exhalitive with 3-5% fg-mg diss PY, WS1hem/lim, FS pale-med grey, no oxide on FS, well-sealed, P1sil, F2scoridite, possibly part of silicified felsic unit from above. Elevation 846m.

Au	**-**	**1790**	**ppb**	Ag	-	<0.2 ppm
As	**-**	**676**	**ppm**			

H427680—1.4 m chip; continuation of above chip line, same pale-med grey siliceous horizon with 3-5% subhedral fg-mg PY with 5-7% pods dusty to sucrosic dark grey PY with F2scoridite, WS1hem/lim, very pitted weather 3-10cm cavities within semi-massive PY. Elevation 847m.

Au	**-**	**144**	**ppb**	Ag	-	<0.2 ppm
As	**-**	**512**	**ppm**			

H427681—Select Grab. From site H427679 chip, select grab of the semi-massive 30-35% dusty PY pods in pale grey siliceous matrix/exhalite?. Elevation 746m.

Au	**-**	**3480**	**ppb**	Ag	-	0.2 ppm
As	**-**	**928**	**ppm**			

H427682—Select Grab over a 1 meter area, attempt to avoid all pods of massive to semi-massive pods of PY, 3m east of H427679 and H427680 line, pale-med grey hackly silica host with 2-3% vfg diss PY, WS1hem, P1sil, no oxide on FS, well-sealed unit, impervious to oxidation. Elevation 747m.

Au	**-**	**187**	**ppb**	Ag	-	<0.2 ppm
As	**-**	**694**	**ppm**			

H427683—Random Grab subcrop, dk grey S4/S5fg-mg, P1sil with D1-2PY fg-mg, WS1hem, FS speckled black-white to pale-med grey. Elevation 848m.

Au	**-**	**181**	**ppb**	**Ag**	**-**	**9.2 ppm**
As	**-**	**464**	**ppm**			

H427736—0.4m chip across strong gossanous QSP altered seds with fine grained mineral aggregates parallel to bedding with silica; bedding running 225/-72. Elevation 747m.

Au	**-**	**183**	**ppb**	Ag	-	1.5 ppm
As	-	192	ppm			

H427737—Grab. Silicified black siltstone; crosscut by stockwork quartz veins/veinlets; 1% disseminated euhedral pyrite throughout; trace silvery blades/needles seen as well very fine grained arsenopyrite? Elevation 778m.

Au	-	24	ppb	Ag	-	<0.2 ppm
As	**-**	**301**	**ppm**			

H427738—1m chip through strong multicoloured gossan (grey, yellow, green to red) at base of outcrop; base of outcrop was a contact (fault) 258/-80 with black argillite at contact there are rounded cobbles (fault produced?); outcrop could be a silica exhalative; 5% sulphides of mix anhedral and euhedral pyrite and arsenopyrite. Elevation 830m.

Au	**-**	**148**	**ppb**	Ag	-	<0.2 ppm
As	**-**	**293**	**ppm**			

H427739—1m chip across best looking silica and pyrite at bottom of outcrop in same rock as previous sample; 30% sulphides aggregates in silica anhedral pyrite and arsenopyrite. Elevation 828m.

Au	**-**	**806**	**ppb**	Ag	-	<0.2 ppm
As	**-**	**1340**	**ppm**			

C. Discussion

Nine of the seventeen samples taken during the survey returned anomalous gold values ranging between 149 and 3,480 ppb. Twelve of the seventeen samples returned anomalous arsenic values ranging between 192 and 1,340 ppm. Silver values were not as anomalous, with only two registering higher values (9.2 and 18.4 ppm). It may be that the samples with anomalous silver values represent a different form of mineralization.

Soil sampling previously conducted over the area of interest has not been helpful in isolating new zones of precious metal mineralization. Ken Konkin remarked that there were many areas on the property which were recessive weathering and which had little to no rock outcrop. He recommended that several of these be tested wherever overburden or soil cover was not too deep, to see what was in the underlying mineralization.

D. Field Procedure, Core Details and Laboratory Analysis

Analysis of rock specimens collected during the 2017 program was carried out at the Activation Labs facility in Kamloops, BC. After standard rock sample preparation, the 30 element Inductively Coupled Argon Plasma analysis was initiated by digesting a 0.5 gm sub-sample from each field specimen with 3ml 3-1-2 HCl-HNO3-H20 at 95 deg. C for one hour, followed by dilution to l0 ml with water. The Atomic Absorption measurement for ppb tolerance gold was preceded by subjecting 10-gram samples to standard fire-assay preconcentration techniques to produce silver beads which were subsequently dissolved.

E. Conclusions

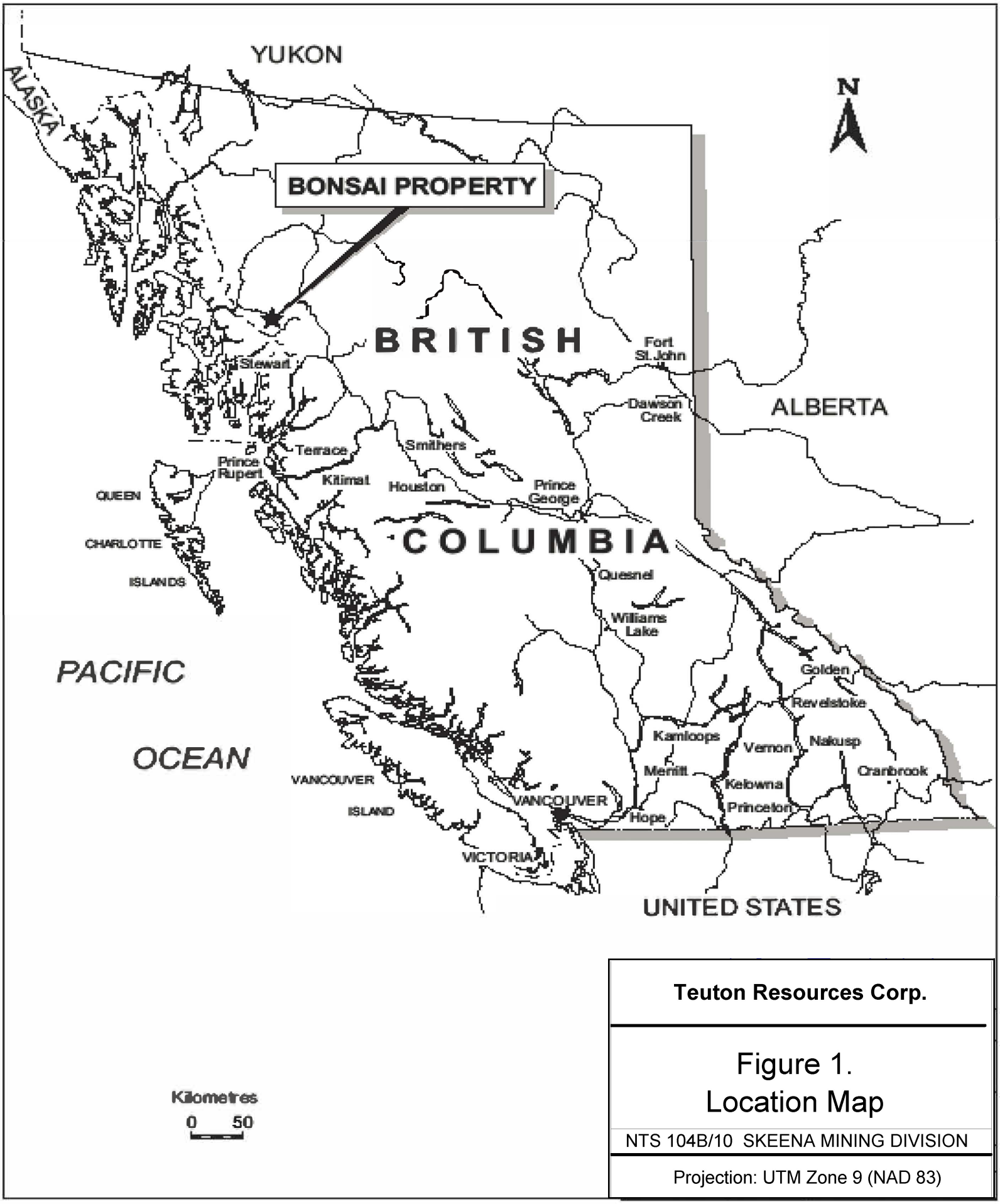
This Bonsai property, in the area of interest, is underlain primarily by felsic and rhyolitic volcanics as well as black bedded siltstones and mudstones. The 2018 work focused on the area around the main showings discovered during prospecting programs in the early 1990's.

The main occurrence is a pale grey, pyritic siliceous horizon exposed for several meters within a black layered siltstone/mudstone host. Gold values as high as 3,680 ppb were obtained from a grab sample of semi-massive pyrite pods. A 1.4 meter chip sample across the same sample site ran 1,790 ppb gold. Six rock samples taken from within a 25m radius had elevated arsenic levels that ran between 380-928 ppm and all but one of these also contained anomalous gold values.

This is a very significant mineralized zone given the proximity to the Eskay Creek VMS mine with a similar geological setting. It appears as the gold values within the pyritic siliceous material may be related to an exhalative event as part of volcanogenic system. Clearly further work is recommended for this project. Given the lack of good outcrop exposure and prominent tag-alder cover with thin soil and glacial moraine that covers much of the area of interest, further property-wide mapping and sampling is recommended. If results are positive, a diamond drill hole program may then be proposed.

Respectfully submitted,

D. Cremonese, P.Eng.
December 28, 2018

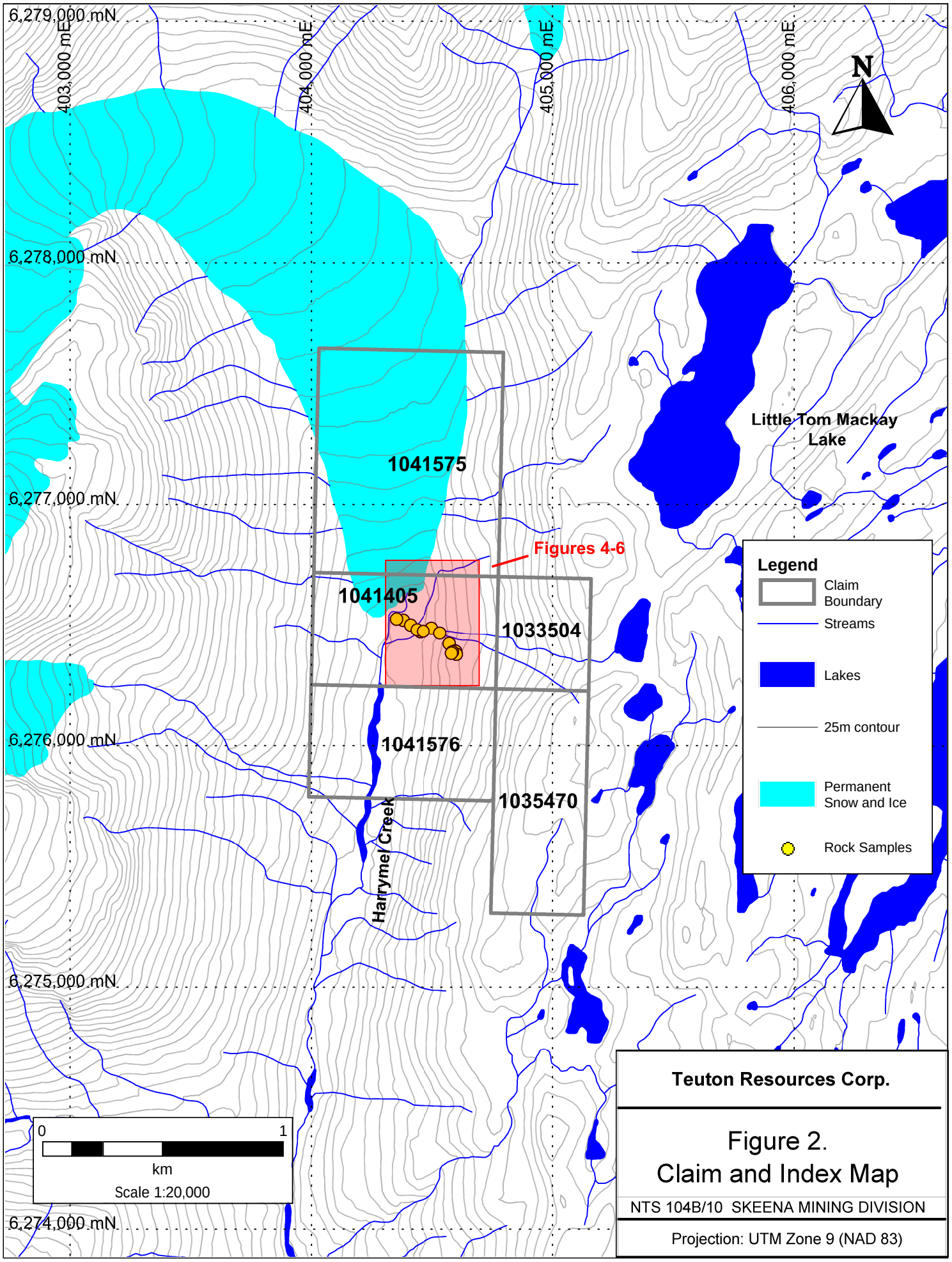


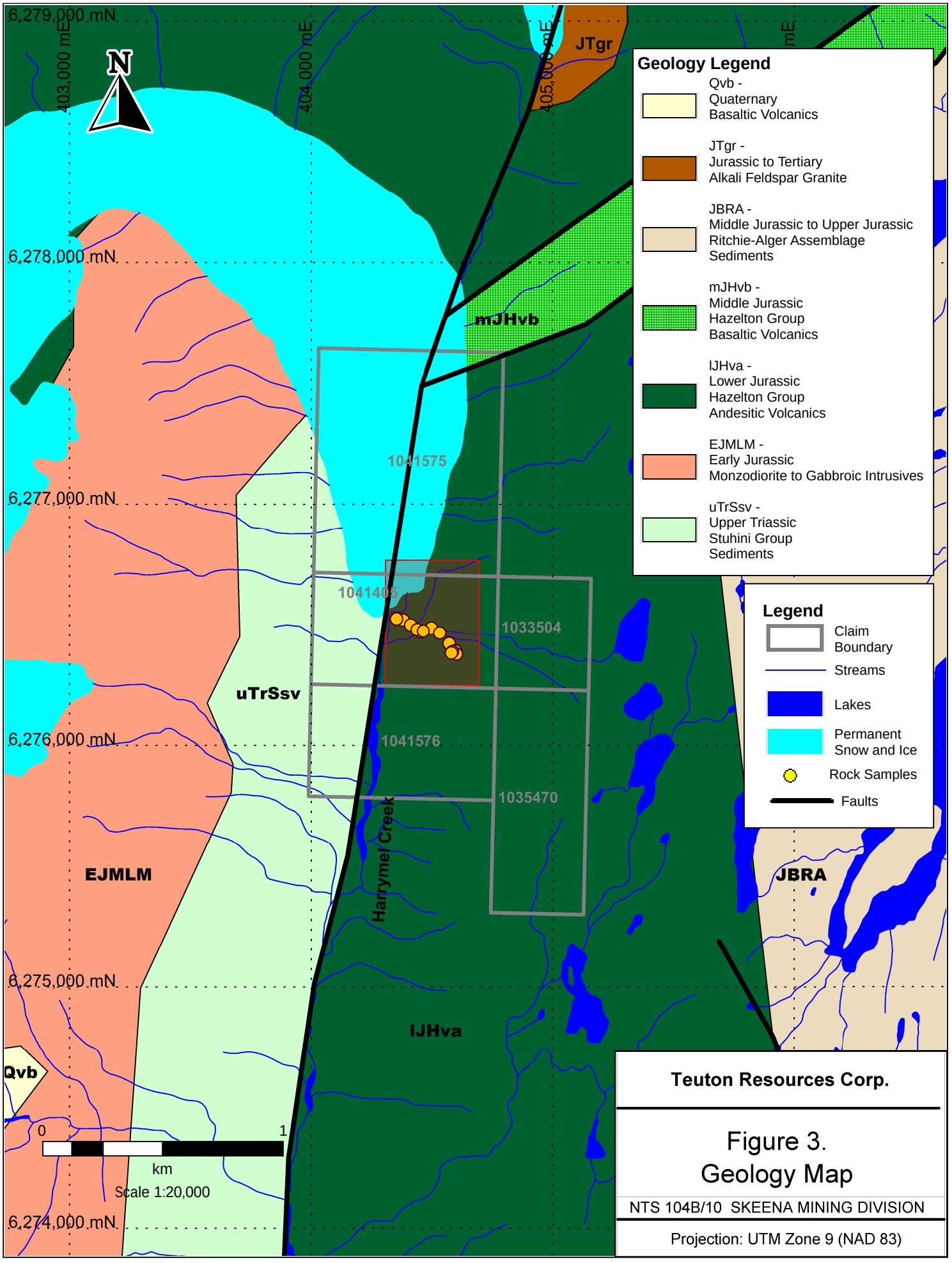
Teuton Resources Corp.

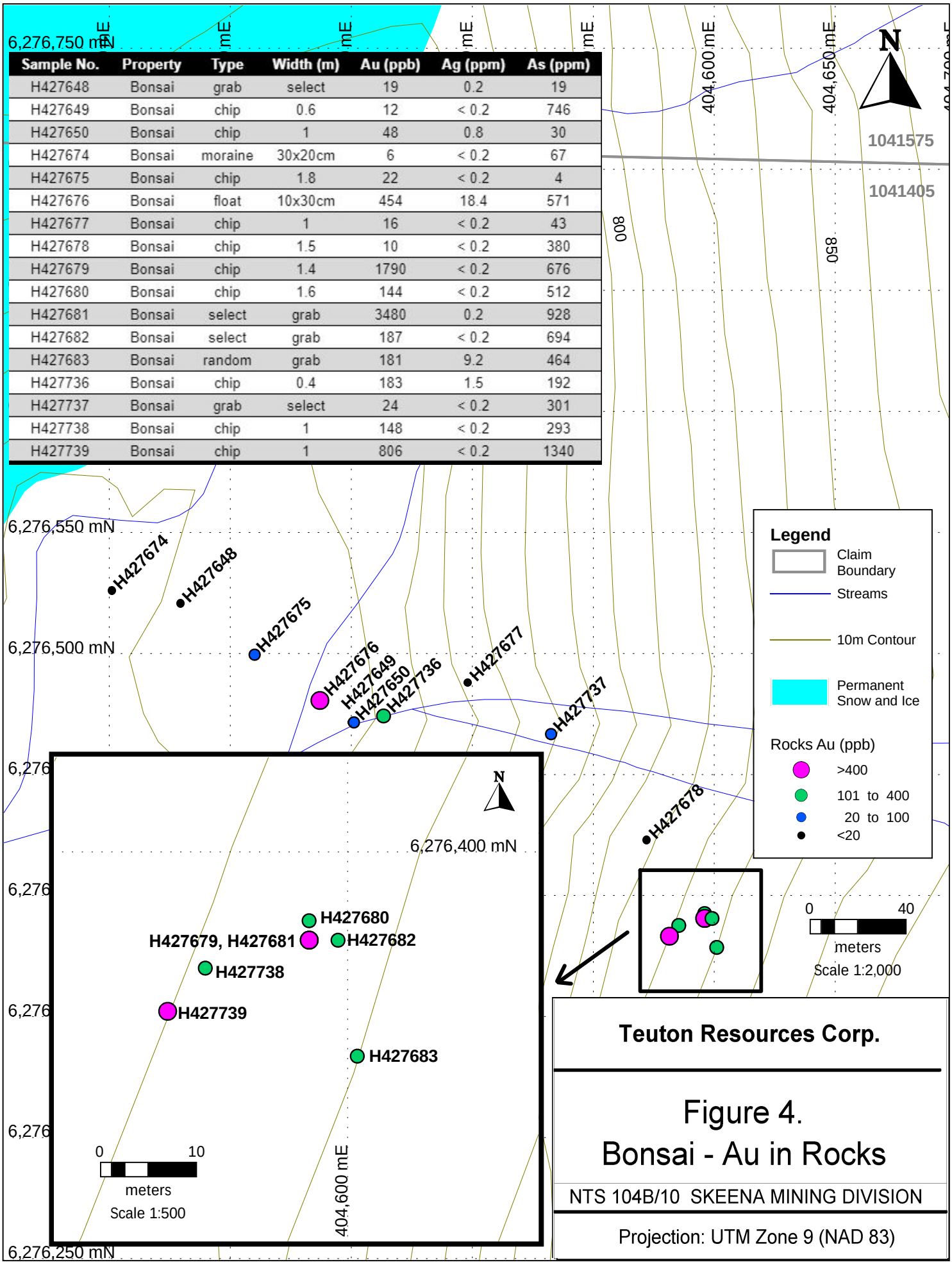
Figure 1.
Location Map

NTS 104B/10 SKEENA MINING DIVISION

Projection: UTM Zone 9 (NAD 83)


6,279,000 mN
6,278,000 mN
6,277,000 mN
6,276,000 mN
6,275,000 mN
6,274,000 mN
403,000 mE
404,000 mE
405,000 mE
406,000 mE
N
1041575
1041405
1033504
1041576
1035470
Figures 4-6
Little Tom Mackay Lake
Harrymel Creek
Legend
Claim Boundary
Streams
Lakes
25m contour
Permanent Snow and Ice
Rock Samples
0
1
km
Scale 1:20,000
Teuton Resources Corp.
Figure 2.
Claim and Index Map
NTS 104B/10 SKEENA MINING DIVISION
Projection: UTM Zone 9 (NAD 83)


6,279,000 mN
6,278,000 mN
6,277,000 mN
6,276,000 mN
6,275,000 mN
6,274,000 mN
403,000 mE
404,000 mE
405,000 mE
N
JTgr
mJHvb
lJHva
uTrSsv
EJMLM
JBRA
Qvb
1041575
1041405
1041576
1033504
1035470
Harrymel Creek
Geology Legend
Qvb - Quaternary Basaltic Volcanics
JTgr - Jurassic to Tertiary Alkali Feldspar Granite
JBRA - Middle Jurassic to Upper Jurassic Ritchie-Alger Assemblage Sediments
mJHvb - Middle Jurassic Hazelton Group Basaltic Volcanics
lJHva - Lower Jurassic Hazelton Group Andesitic Volcanics
EJMLM - Early Jurassic Monzodiorite to Gabbroic Intrusives
uTrSsv - Upper Triassic Stuhini Group Sediments
Legend
Claim Boundary
Streams
Lakes
Permanent Snow and Ice
Rock Samples
Faults
0
1
km
Scale 1:20,000
Teuton Resources Corp.
Figure 3.
Geology Map
NTS 104B/10 SKEENA MINING DIVISION
Projection: UTM Zone 9 (NAD 83)



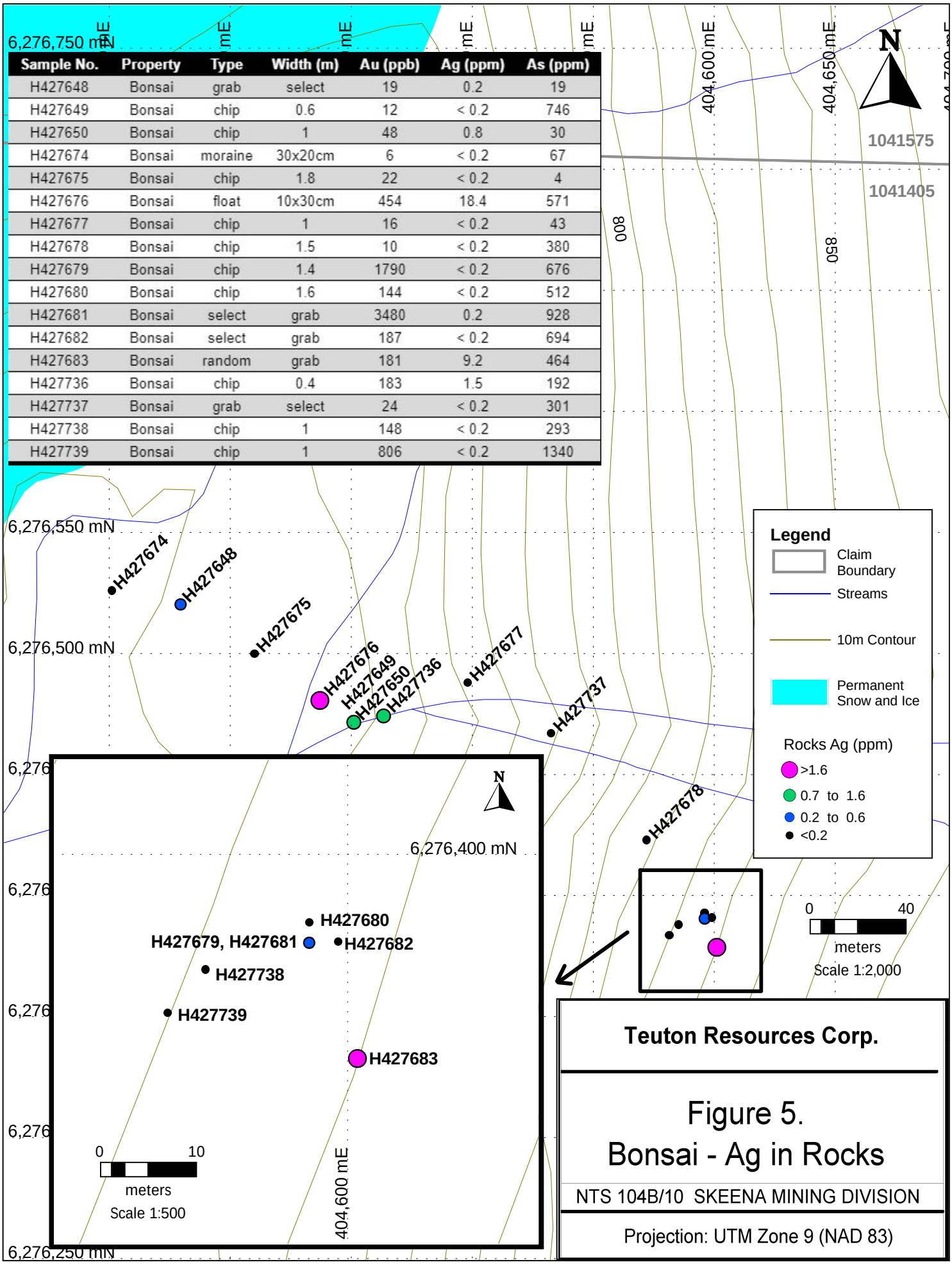
Sample No.	Property	Type	Width (m)	Au (ppb)	Ag (ppm)	As (ppm)
H427648	Bonsai	grab	select	19	0.2	19
H427649	Bonsai	chip	0.6	12	< 0.2	746
H427650	Bonsai	chip	1	48	0.8	30
H427674	Bonsai	moraine	30x20cm	6	< 0.2	67
H427675	Bonsai	chip	1.8	22	< 0.2	4
H427676	Bonsai	float	10x30cm	454	18.4	571
H427677	Bonsai	chip	1	16	< 0.2	43
H427678	Bonsai	chip	1.5	10	< 0.2	380
H427679	Bonsai	chip	1.4	1790	< 0.2	676
H427680	Bonsai	chip	1.6	144	< 0.2	512
H427681	Bonsai	select	grab	3480	0.2	928
H427682	Bonsai	select	grab	187	< 0.2	694
H427683	Bonsai	random	grab	181	9.2	464
H427736	Bonsai	chip	0.4	183	1.5	192
H427737	Bonsai	grab	select	24	< 0.2	301
H427738	Bonsai	chip	1	148	< 0.2	293
H427739	Bonsai	chip	1	806	< 0.2	1340

Teuton Resources Corp.

Figure 4.
Bonsai - Au in Rocks

NTS 104B/10 SKEENA MINING DIVISION

Projection: UTM Zone 9 (NAD 83)



Sample No.	Property	Type	Width (m)	Au (ppb)	Ag (ppm)	As (ppm)
H427648	Bonsai	grab	select	19	0.2	19
H427649	Bonsai	chip	0.6	12	< 0.2	746
H427650	Bonsai	chip	1	48	0.8	30
H427674	Bonsai	moraine	30x20cm	6	< 0.2	67
H427675	Bonsai	chip	1.8	22	< 0.2	4
H427676	Bonsai	float	10x30cm	454	18.4	571
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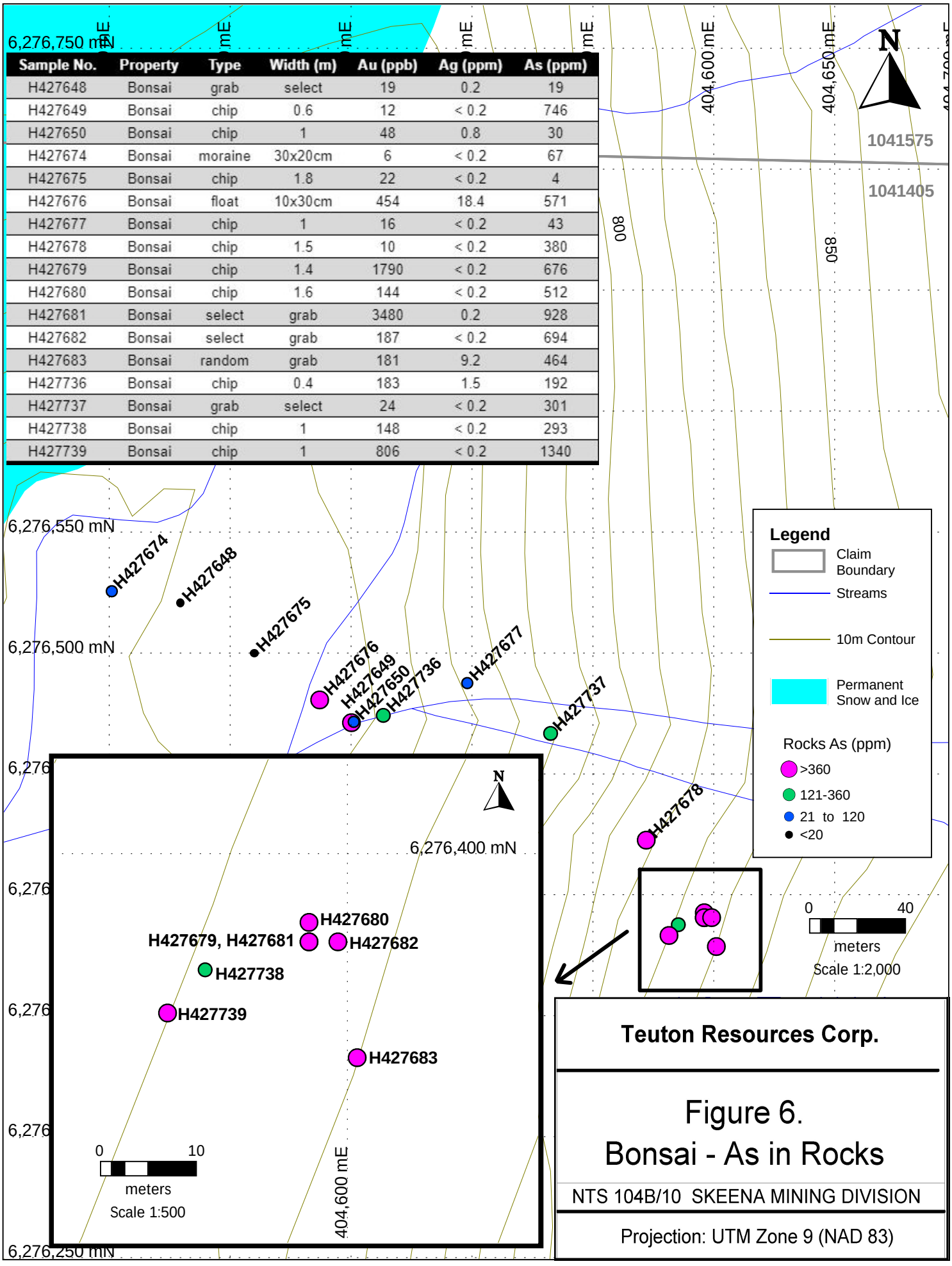
H427678	Bonsai	chip	1.5	10	< 0.2	380
H427679	Bonsai	chip	1.4	1790	< 0.2	676
H427680	Bonsai	chip	1.6	144	< 0.2	512
H427681	Bonsai	select	grab	3480	0.2	928
H427682	Bonsai	select	grab	187	< 0.2	694
H427683	Bonsai	random	grab	181	9.2	464
H427736	Bonsai	chip	0.4	183	1.5	192
H427737	Bonsai	grab	select	24	< 0.2	301
H427738	Bonsai	chip	1	148	< 0.2	293
H427739	Bonsai	chip	1	806	< 0.2	1340

Teuton Resources Corp.

Figure 5.
Bonsai - Ag in Rocks

NTS 104B/10 SKEENA MINING DIVISION

Projection: UTM Zone 9 (NAD 83)



Sample No.	Property	Type	Width (m)	Au (ppb)	Ag (ppm)	As (ppm)
H427648	Bonsai	grab	select	19	0.2	19
H427649	Bonsai	chip	0.6	12	< 0.2	746
H427650	Bonsai	chip	1	48	0.8	30
H427674	Bonsai	moraine	30x20cm	6	< 0.2	67
H427675	Bonsai	chip	1.8	22	< 0.2	4
H427676	Bonsai	float	10x30cm	454	18.4	571
H427677	Bonsai	chip	1	16	< 0.2	43
H427678	Bonsai	chip	1.5	10	< 0.2	380
H427679	Bonsai	chip	1.4	1790	< 0.2	676
H427680	Bonsai	chip	1.6	144	< 0.2	512
H427681	Bonsai	select	grab	3480	0.2	928
H427682	Bonsai	select	grab	187	< 0.2	694
H427683	Bonsai	random	grab	181	9.2	464
H427736	Bonsai	chip	0.4	183	1.5	192
H427737	Bonsai	grab	select	24	< 0.2	301
H427738	Bonsai	chip	1	148	< 0.2	293
H427739	Bonsai	chip	1	806	< 0.2	1340

Teuton Resources Corp.

Figure 6.
Bonsai - As in Rocks

NTS 104B/10 SKEENA MINING DIVISION

Projection: UTM Zone 9 (NAD 83)

APPENDIX I - WORK COST STATEMENT

Field Personnel—August 12, 2018	
Ken Konkin, Geologist 1 day @ $840/day	840
Jeff Auston, Geologist 1 day @ $500/day	500
Bajo Reef Helicopters—August 12, 2018	
2.1 hrs @ $1,343.48 (Hughes 500 with fuel)	2,821
Food & Lodging (Geological Personnel) 2 man-days @ $100/day	200
Activation Laboratiories Sample Prep & Assays	
Au geochem/ICP 17 @ $32.55/sample	553
Truck/Radios/Sat. Phone/Internet/Field Supplies/Misc.	
2.22 % of $4,540	101
Personnel: Share of Standby Weather Days	
2.22 % of $6,700	149
Personnel Travel Costs and Wages—	
2.22 % of $7,760	172
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng. 2.0 days @ $600/day	1,200
Technical Drawings and data compilation	
Jeff Auston 2 days @ $500/day	1,000
Total……	$7,536

Amount Claimed Per Statement of Work (not including 30% PAC withdrawal add-on)

--Per SOW 5709154 -- $2,602

--Per SOW 5724113 -- $4,700

Total $7,302*

*Please adjust PAC account accordingly

APPENDIX II – CERTIFICATE OF QUALIFICATION

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at 2130 Crescent Road, Victoria, B.C.
2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).
3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.
4. I have practiced my profession since 1979.
5. This report is based upon work carried out on the Bonsai property, Skeena Mining Division, in August of 2018. Reference to field notes and maps made by geologists Ken Konkin and Jeff Austin is acknowledged. I have full confidence in the abilities of both Mr. Konkin and Mr. Austin.
6. I am a principal of Teuton Resources Corp., owner of the Bonsai property: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Victoria, B.C. this 28th day of December, 2018

Signed:

D. Cremonese, P.Eng.

APPENDIX III

ASSAY CERTIFICATES

Quality Analysis ... *Innovative Technologies*

Date Submitted: 04-Sep-18
Invoice No.: A18-12273
Invoice Date: 23-Oct-18
Your Reference: 2018-09-04

Teuton Resources Corp.
2130 Crescent Rd.
Victoria B.C V8S 2H3
Canada

ATTN: Dino Cremonese

CERTIFICATE OF ANALYSIS

141 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Kamloops Au - Fire Assay AA

Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

Code Sieve Report-Kamloops Internal Sieve Report Internal

REPORT **A18-12273**

Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
H427651	6	< 0.2	< 0.5	22	626	< 1	48	28	100	2.55	< 2	< 10	10	< 0.5	< 2	1.52	28	43	4.47	< 10	< 1	0.01	< 10
H427652	58	< 0.2	1.5	37	492	5	2	119	138	1.17	2	< 10	36	0.6	< 2	0.97	6	30	3.13	< 10	< 1	0.06	17
H427653	< 5	< 0.2	< 0.5	50	412	< 1	40	4	73	2.98	< 2	< 10	11	< 0.5	< 2	1.03	27	65	4.80	< 10	< 1	0.02	< 10
H427654	20	< 0.2	< 0.5	70	240	3	11	29	42	0.52	126	< 10	32	0.6	< 2	0.83	16	8	4.63	< 10	< 1	0.43	13
H427655	38	< 0.2	< 0.5	44	114	18	3	55	18	0.47	27	< 10	63	< 0.5	< 2	0.22	6	10	2.78	< 10	< 1	0.38	19
H427656	< 5	< 0.2	< 0.5	31	511	< 1	69	3	47	2.26	< 2	< 10	< 10	< 0.5	< 2	2.16	25	107	4.28	< 10	< 1	< 0.01	< 10
H427657	6	< 0.2	< 0.5	197	1140	< 1	161	< 2	79	3.74	2	< 10	16	< 0.5	< 2	4.25	40	265	6.93	10	< 1	0.05	< 10
H427658	< 5	< 0.2	< 0.5	10	863	< 1	54	< 2	23	0.66	74	< 10	54	< 0.5	< 2	6.33	17	34	4.39	< 10	< 1	0.36	< 10
H427659	< 5	< 0.2	< 0.5	54	790	< 1	72	3	29	0.91	90	< 10	66	< 0.5	4	5.53	23	39	4.61	< 10	< 1	0.43	< 10
H427660	< 5	< 0.2	< 0.5	49	735	< 1	39	< 2	30	0.59	12	< 10	45	< 0.5	4	4.94	12	14	3.81	< 10	< 1	0.26	20
H427661	< 5	< 0.2	0.7	93	466	< 1	39	< 2	70	4.57	2	< 10	< 10	< 0.5	< 2	4.86	34	41	5.48	10	< 1	< 0.01	< 10
H427662	12	0.3	< 0.5	21	974	2	6	7	73	1.46	9	< 10	61	< 0.5	< 2	4.64	13	10	3.96	< 10	< 1	0.25	< 10
H427663	< 5	0.7	1.0	600	788	< 1	65	6	176	3.12	< 2	< 10	11	< 0.5	< 2	1.53	33	176	5.71	< 10	< 1	0.01	< 10
H427664	215	6.1	13.6	86	836	3	20	1000	1140	0.17	13	< 10	21	< 0.5	3	1.43	10	31	2.73	< 10	< 1	0.05	< 10
H427665	13	0.8	0.9	6	51	7	1	20	73	0.13	53	< 10	83	< 0.5	< 2	0.02	< 1	48	0.72	< 10	498	0.05	< 10
H427666	< 5	0.8	< 0.5	2	79	7	1	25	3	0.11	32	< 10	51	< 0.5	< 2	< 0.01	< 1	27	1.13	< 10	4	0.03	< 10
H427667	> 5000	63.0	1.9	3	4650	< 1	28	52	54	0.32	295	< 10	86	< 0.5	3	> 10.0	11	22	8.43	< 10	2	0.09	< 10
H427668	108	1.8	0.6	10	4030	< 1	49	403	27	0.81	2040	< 10	97	< 0.5	5	8.14	20	20	7.56	< 10	2	0.21	< 10
H427669	38	2.1	4.8	28	3960	< 1	79	288	227	0.41	187	< 10	50	< 0.5	3	8.12	20	20	6.76	< 10	< 1	0.20	< 10
H427670	8	0.5	2.4	12	2190	< 1	166	107	185	2.13	262	< 10	302	0.6	3	5.41	35	234	5.95	< 10	< 1	0.48	< 10
H427671	< 5	< 0.2	< 0.5	84	748	< 1	239	< 2	83	4.89	4	< 10	21	< 0.5	< 2	1.53	31	304	6.11	10	< 1	0.06	< 10
H427672	3060	40.3	0.7	3940	52	3	28	638	112	0.10	7	< 10	< 10	< 0.5	< 2	0.03	11	22	3.64	< 10	< 1	0.02	< 10
H427673	11	< 0.2	< 0.5	5	814	< 1	136	< 2	76	3.07	5	< 10	14	< 0.5	< 2	1.53	35	296	6.27	< 10	< 1	0.02	< 10
H427674	6	< 0.2	< 0.5	4	323	2	3	10	64	0.14	67	< 10	51	< 0.5	< 2	4.13	< 1	11	1.32	< 10	< 1	0.09	< 10
H427675	22	< 0.2	< 0.5	35	628	< 1	51	14	65	2.53	4	< 10	10	0.5	< 2	2.41	34	67	9.09	< 10	1	0.18	10
H427676	454	18.4	< 0.5	6	49	2	3	20	9	0.31	571	< 10	18	< 0.5	3	0.04	< 1	11	2.57	< 10	3	0.24	< 10
H427677	16	< 0.2	< 0.5	21	1060	3	10	18	85	0.92	43	< 10	61	0.6	2	4.66	9	5	3.83	< 10	< 1	0.29	< 10
H427678	10	< 0.2	< 0.5	5	20	7	< 1	19	10	0.57	380	< 10	88	< 0.5	< 2	0.03	< 1	3	1.57	< 10	< 1	0.37	28
H427679	1790	< 0.2	< 0.5	2	54	2	< 1	18	6	0.33	676	< 10	< 10	< 0.5	< 2	0.02	< 1	3	7.02	< 10	16	0.25	12
H427680	144	< 0.2	< 0.5	2	24	1	< 1	20	3	0.60	512	< 10	84	< 0.5	< 2	0.01	< 1	4	1.41	< 10	1	0.39	30
H427681	3480	0.2	< 0.5	3	87	3	1	15	11	0.28	928	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	13.4	< 10	30	0.18	< 10
H427682	187	< 0.2	< 0.5	2	37	6	< 1	22	2	0.45	694	< 10	29	< 0.5	< 2	0.02	< 1	4	3.52	< 10	< 1	0.51	25
H427683	181	9.2	< 0.5	4	103	7	2	31	6	0.44	464	< 10	44	< 0.5	3	1.04	1	4	2.08	< 10	12	0.27	16
H427684	15	0.2	< 0.5	20	9650	3	4	19	41	0.97	13	< 10	61	1.2	< 2	2.42	20	< 1	5.01	< 10	< 1	0.67	< 10
H427685	143	43.1	1.5	> 10000	323	1700	58	72	368	1.65	56	< 10	24	0.8	2	4.09	88	29	14.4	< 10	< 1	0.24	13
H427686	16	1.2	7.9	2320	1210	605	23	36	275	1.97	9	< 10	26	2.8	< 2	1.88	23	22	7.42	< 10	< 1	0.23	16
H427687	> 5000	> 100	24.8	5850	74	9	< 1	> 5000	829	0.06	3660	< 10	< 10	< 0.5	2	0.02	< 1	36	1.66	< 10	6	0.02	< 10
H427688	150	7.1	0.8	> 10000	204	3	21	14	85	2.30	33	< 10	237	< 0.5	4	1.03	36	2	3.46	< 10	< 1	0.76	10
H427689	788	> 100	461	3900	257	15	2	> 5000	> 10000	0.03	21	< 10	< 10	< 0.5	4	0.01	8	27	1.64	< 10	< 1	0.02	< 10
H427690	23	1.9	< 0.5	122	1190	4	32	16	117	0.53	31	< 10	106	< 0.5	3	0.34	13	24	2.49	< 10	< 1	0.19	12
H427691	11	0.4	< 0.5	9	50	4	< 1	137	36	0.91	9	< 10	385	< 0.5	< 2	0.01	< 1	18	0.73	< 10	2	0.31	38
H427692	< 5	< 0.2	< 0.5	69	274	< 1	75	< 2	50	1.87	15	< 10	< 10	< 0.5	< 2	1.47	35	115	12.9	< 10	< 1	0.08	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
H427693	7	< 0.2	< 0.5	97	419	< 1	81	9	60	2.92	< 2	< 10	< 10	< 0.5	< 2	2.78	48	55	10.00	< 10	2	0.31	< 10
H427694	< 5	0.4	3.5	9	3350	4	21	333	1460	1.10	346	< 10	11	0.9	< 2	6.31	23	53	7.98	< 10	6	0.39	< 10
H427695	5	1.3	0.9	15	252	3	7	35	32	0.74	160	< 10	< 10	< 0.5	< 2	0.24	18	6	12.6	< 10	2	0.38	< 10
H427696	7	< 0.2	< 0.5	55	577	3	69	< 2	72	1.62	13	< 10	17	< 0.5	< 2	3.03	41	81	8.39	< 10	3	0.06	< 10
H427697	8	6.2	2.1	5	2720	1	5	76	107	0.09	43	< 10	< 10	< 0.5	4	2.53	4	5	15.3	< 10	< 1	0.05	< 10
H427698	< 5	< 0.2	1.0	142	939	2	140	< 2	89	4.89	34	< 10	45	< 0.5	< 2	6.56	43	286	7.42	< 10	1	0.04	< 10
H427699	13	< 0.2	3.0	66	251	17	71	8	278	3.56	5	< 10	19	0.5	< 2	0.70	28	84	5.94	< 10	< 1	0.24	< 10
H427700	8	> 100	32.3	95	411	26	17	1260	2380	0.21	645	< 10	< 10	< 0.5	< 2	0.66	23	17	5.28	< 10	11	0.11	< 10
H427034	20	0.7	8.6	49	232	28	48	22	753	1.89	36	< 10	26	0.6	< 2	2.13	8	8	4.57	< 10	< 1	0.17	< 10
H427035	16	1.9	14.2	183	43	2	1	5	1640	0.19	7	< 10	77	< 0.5	< 2	0.01	1	19	1.04	< 10	< 1	0.17	10
H427036	20	0.4	< 0.5	115	744	< 1	41	6	76	2.47	< 2	< 10	22	< 0.5	< 2	2.01	32	105	6.60	< 10	< 1	1.35	< 10
H427037	80	1.0	< 0.5	56	23	1	64	4	72	0.56	444	< 10	< 10	< 0.5	< 2	0.16	42	17	7.35	< 10	6	0.30	< 10
H427038	19	1.0	< 0.5	719	4290	< 1	9	6	19	0.97	10	< 10	65	< 0.5	2	4.18	20	9	4.60	< 10	< 1	0.54	< 10
H427039	< 5	< 0.2	< 0.5	16	384	1	30	< 2	45	1.35	7	< 10	< 10	< 0.5	5	1.89	12	67	17.4	< 10	< 1	0.04	< 10
H427040	22	0.3	< 0.5	15	66	3	2	16	28	0.06	71	< 10	12	< 0.5	< 2	0.02	1	29	1.39	< 10	< 1	0.04	< 10
H427041	< 5	< 0.2	< 0.5	35	828	< 1	87	2	65	3.65	21	< 10	26	< 0.5	< 2	1.91	41	212	7.84	< 10	2	0.16	< 10
H427042	< 5	< 0.2	< 0.5	67	175	< 1	107	4	67	3.32	14	< 10	10	< 0.5	< 2	0.85	48	154	10.1	< 10	< 1	0.03	< 10
H427043	14	< 0.2	< 0.5	87	459	< 1	6	9	71	2.22	8	< 10	12	< 0.5	< 2	0.30	11	12	9.55	< 10	< 1	0.22	< 10
H427044	> 5000	51.2	282	1660	568	2	5	804	> 10000	1.30	> 10000	< 10	< 10	< 0.5	163	0.06	1820	12	10.8	< 10	7	0.03	< 10
H427045	> 5000	20.5	7.0	262	498	< 1	5	461	597	1.06	2150	< 10	< 10	< 0.5	11	0.04	53	4	18.1	< 10	< 1	0.03	< 10
H427046	172	2.1	0.8	177	415	3	8	37	126	0.86	493	< 10	12	< 0.5	4	0.56	28	10	7.05	< 10	< 1	0.33	< 10
H427047	89	0.5	< 0.5	< 1	69	15	3	< 2	18	0.06	344	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	16.5	< 10	3	0.03	< 10
H427048	< 5	13.3	< 0.5	24	2940	2	3	85	33	0.27	71	< 10	11	< 0.5	< 2	4.25	29	10	9.20	< 10	1	0.19	< 10
H427049	104	74.8	7.4	36	62	6	4	506	485	0.12	1280	< 10	< 10	< 0.5	< 2	0.05	1	14	6.66	< 10	3	0.09	< 10
H427050	79	1.3	< 0.5	5	108	4	10	6	18	0.07	425	< 10	< 10	< 0.5	< 2	0.05	2	7	15.5	< 10	20	0.05	< 10
S022401	27	25.7	0.9	7	141	11	7	87	147	0.26	637	< 10	< 10	< 0.5	< 2	0.23	1	4	16.5	< 10	16	0.15	< 10
S022402	8	< 0.2	< 0.5	64	773	< 1	39	< 2	68	3.51	< 2	< 10	630	< 0.5	< 2	3.90	29	141	5.92	< 10	< 1	2.92	< 10
S022403	6	< 0.2	< 0.5	62	233	< 1	62	< 2	120	1.16	12	< 10	< 10	< 0.5	< 2	1.00	32	79	15.5	< 10	5	0.17	< 10
S022404	12	0.3	< 0.5	74	1330	< 1	120	16	159	4.92	14	< 10	61	< 0.5	< 2	8.20	30	497	8.43	10	< 1	2.13	< 10
S022405	11	2.0	< 0.5	7	84	23	1	23	29	0.21	196	< 10	11	< 0.5	< 2	0.02	3	10	4.39	< 10	< 1	0.16	14
S022406	35	7.5	0.5	18	96	32	4	88	21	0.11	383	< 10	< 10	< 0.5	< 2	0.02	< 1	5	15.7	< 10	3	0.07	< 10
S022407	5	< 0.2	< 0.5	66	522	< 1	97	< 2	52	3.09	< 2	< 10	17	< 0.5	< 2	4.76	35	164	5.61	< 10	< 1	0.05	< 10
S022408	5	< 0.2	< 0.5	43	680	1	108	< 2	45	3.63	< 2	< 10	12	< 0.5	< 2	6.53	32	194	8.67	< 10	< 1	< 0.01	< 10
S022409	3650	71.8	105	202	493	1	6	> 5000	> 10000	0.05	57	< 10	13	< 0.5	< 2	0.02	6	13	4.11	< 10	< 1	0.03	< 10
S022410	40	4.2	1.2	7910	835	2	41	6	111	2.18	4	< 10	45	< 0.5	< 2	1.29	28	51	5.62	< 10	< 1	1.20	< 10
S022411	17	1.2	< 0.5	553	1490	< 1	24	24	94	0.85	3	< 10	22	1.5	< 2	3.45	15	1	21.6	< 10	< 1	0.20	< 10
S022412	13	1.1	3.7	28	1250	< 1	13	145	362	0.52	32	13	80	< 0.5	< 2	6.63	18	7	5.19	< 10	< 1	0.26	< 10
S022413	< 5	< 0.2	< 0.5	70	589	< 1	118	7	39	4.06	< 2	< 10	46	< 0.5	< 2	2.72	31	335	5.41	< 10	< 1	0.01	< 10
S022414	< 5	< 0.2	< 0.5	4	1100	2	< 1	2	3	0.15	6	< 10	25	< 0.5	< 2	6.25	< 1	29	1.01	< 10	< 1	< 0.01	< 10
S022415	9	0.2	< 0.5	6	248	8	2	25	17	0.56	27	< 10	141	< 0.5	< 2	0.02	< 1	10	2.64	< 10	< 1	0.20	25
S022416	5	0.6	0.5	7	776	10	2	29	47	0.50	22	< 10	98	0.5	3	0.22	< 1	25	2.54	< 10	< 1	0.26	27
S022417	36	2.0	< 0.5	10	216	1	< 1	63	151	0.30	201	< 10	< 10	< 0.5	< 2	0.28	16	6	8.26	< 10	< 1	0.21	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
S022418	> 5000	25.9	3.2	625	1080	< 1	28	196	119	0.73	> 10000	< 10	< 10	< 0.5	233	0.49	168	8	18.2	< 10	< 1	0.09	< 10
S022419	9	< 0.2	< 0.5	46	551	< 1	44	< 2	39	1.46	40	< 10	< 10	< 0.5	3	5.28	20	70	11.8	< 10	< 1	0.05	< 10
H427736	183	1.5	< 0.5	62	1170	4	9	41	86	1.12	192	< 10	44	< 0.5	4	4.13	10	9	3.45	< 10	< 1	0.25	< 10
H427737	24	< 0.2	< 0.5	12	497	3	1	9	60	0.20	301	< 10	46	< 0.5	< 2	3.40	2	28	1.24	< 10	< 1	0.09	< 10
H427738	148	< 0.2	< 0.5	3	37	< 1	2	16	17	0.57	293	< 10	51	< 0.5	< 2	0.05	< 1	4	1.59	< 10	< 1	0.36	20
H427739	806	< 0.2	< 0.5	3	55	3	1	17	6	0.32	1340	< 10	11	< 0.5	5	0.11	< 1	16	3.42	< 10	9	0.25	19
H427740	178	28.5	1.9	> 10000	1600	6	52	10	237	3.47	13	< 10	33	< 0.5	< 2	0.52	77	< 1	13.8	10	< 1	0.98	< 10
H427741	57	2.7	1.8	4110	377	7	4	4	58	0.35	7	< 10	21	0.6	< 2	0.54	6	7	0.94	< 10	< 1	0.13	< 10
H427742	414	27.2	3.4	> 10000	353	2450	33	11	155	0.20	115	< 10	< 10	0.8	< 2	0.27	35	< 1	> 30.0	< 10	< 1	< 0.01	< 10
H427743	< 5	0.3	< 0.5	41	40	13	1	19	30	0.26	18	< 10	17	< 0.5	< 2	0.01	2	31	1.67	< 10	5	0.09	< 10
H427744	< 5	0.3	< 0.5	83	27	12	< 1	2	13	0.51	5	< 10	32	< 0.5	< 2	< 0.01	< 1	3	0.87	< 10	25	0.19	< 10
H427745	10	< 0.2	< 0.5	14	57	8	2	15	6	0.28	20	< 10	32	< 0.5	< 2	0.04	< 1	34	1.59	< 10	< 1	0.16	16
H427746	12	1.1	< 0.5	101	585	10	41	10	67	1.89	54	< 10	< 10	< 0.5	< 2	0.18	43	130	14.4	< 10	< 1	0.26	< 10
H427747	7	< 0.2	< 0.5	8	1480	1	36	< 2	96	2.62	45	< 10	22	< 0.5	< 2	3.49	37	253	4.51	< 10	< 1	0.04	< 10
H427748	32	0.5	1.2	52	284	22	36	19	151	1.40	48	< 10	18	< 0.5	< 2	1.01	10	5	5.63	< 10	< 1	0.27	< 10
H427749	5	< 0.2	< 0.5	54	634	< 1	48	< 2	53	1.91	6	< 10	11	< 0.5	< 2	5.28	30	53	10.0	< 10	< 1	0.07	< 10
H427750	< 5	0.2	0.6	28	25	1	< 1	9	111	0.37	11	< 10	91	< 0.5	< 2	0.01	< 1	3	0.95	< 10	< 1	0.26	14
H427029	100	0.3	< 0.5	77	3580	< 1	25	5	15	0.73	156	< 10	78	< 0.5	2	> 10.0	18	41	4.01	< 10	< 1	0.39	< 10
H427030	13	< 0.2	< 0.5	132	1340	< 1	8	4	90	3.08	2	< 10	22	< 0.5	< 2	0.89	16	13	8.95	10	< 1	0.16	< 10
H427031	38	1.6	4.5	85	1330	< 1	43	97	318	1.82	191	< 10	28	< 0.5	< 2	7.91	24	169	6.26	< 10	< 1	0.85	< 10
H427032	300	> 100	0.7	> 10000	366	< 1	19	2	44	1.47	26	< 10	34	< 0.5	< 2	2.10	15	45	2.60	< 10	369	0.12	< 10
H427638	< 5	< 0.2	< 0.5	74	788	< 1	115	< 2	47	2.34	6	< 10	65	< 0.5	< 2	5.35	27	155	5.23	< 10	1	0.38	< 10
H427639	< 5	< 0.2	< 0.5	68	285	< 1	109	< 2	45	2.66	9	< 10	16	< 0.5	< 2	2.61	26	146	2.24	< 10	< 1	0.07	< 10
H427640	10	0.4	1.4	58	342	4	32	6	125	3.03	9	< 10	11	< 0.5	< 2	2.17	8	61	5.52	< 10	< 1	0.06	< 10
H427641	21	4.5	1.5	69	378	8	21	16	121	1.99	28	< 10	18	0.9	< 2	3.91	7	87	6.05	< 10	< 1	0.07	13
H427642	< 5	1.3	0.6	96	1290	4	147	< 2	67	2.95	< 2	< 10	11	< 0.5	2	1.78	33	345	6.76	< 10	< 1	0.04	< 10
H427643	143	11.1	1.2	> 10000	753	13	11	83	99	0.76	17	< 10	38	< 0.5	6	1.79	21	10	4.63	< 10	< 1	0.74	15
H427644	< 5	< 0.2	< 0.5	81	657	< 1	228	6	61	3.38	3	< 10	24	< 0.5	< 2	0.91	40	332	6.03	< 10	< 1	0.09	< 10
H427645	< 5	< 0.2	< 0.5	40	1030	< 1	157	< 2	65	3.08	< 2	< 10	16	< 0.5	< 2	1.08	40	368	6.45	< 10	< 1	0.04	< 10
H427646	16	0.6	< 0.5	175	44	8	1	5	8	0.28	6	< 10	53	< 0.5	< 2	0.02	3	6	2.03	< 10	< 1	0.20	24
H427647	< 5	1.3	11.0	580	704	2	3	39	2210	1.96	5	< 10	41	< 0.5	< 2	0.98	17	15	3.15	< 10	< 1	0.08	< 10
H427648	19	0.2	< 0.5	54	721	1	15	23	78	2.46	19	< 10	23	1.1	5	0.80	16	10	5.02	< 10	< 1	0.43	< 10
H427649	12	< 0.2	< 0.5	11	86	53	< 1	20	36	0.28	746	< 10	18	< 0.5	5	0.24	3	25	2.72	< 10	2	0.12	< 10
H427650	48	0.8	< 0.5	31	613	3	< 1	101	46	1.22	30	< 10	14	< 0.5	< 2	1.73	5	2	3.29	< 10	< 1	0.38	< 10
H427568	< 5	< 0.2	< 0.5	108	638	< 1	111	2	47	2.45	< 2	< 10	20	< 0.5	< 2	2.68	41	360	5.66	< 10	< 1	1.45	< 10
H427569	6	0.3	< 0.5	165	411	< 1	78	3	17	2.65	< 2	< 10	27	0.7	< 2	3.85	41	140	4.11	< 10	< 1	0.21	< 10
H427570	19	0.9	< 0.5	674	646	3	11	2	53	2.77	< 2	< 10	< 10	0.5	4	0.35	49	19	9.65	< 10	2	1.25	< 10
H427571	13	0.2	< 0.5	196	500	< 1	18	< 2	42	2.23	< 2	< 10	21	< 0.5	< 2	1.24	33	58	5.09	< 10	< 1	1.38	< 10
P470401	6	< 0.2	< 0.5	28	663	8	1	11	65	1.95	3	< 10	97	0.5	< 2	1.73	5	14	3.00	10	< 1	0.18	15
P470402	5	< 0.2	< 0.5	64	945	< 1	136	< 2	43	3.01	14	< 10	18	< 0.5	< 2	5.72	34	241	5.84	< 10	< 1	0.02	< 10
P470403	< 5	< 0.2	< 0.5	84	626	< 1	87	< 2	37	5.07	< 2	< 10	12	< 0.5	< 2	4.91	25	134	4.59	< 10	< 1	0.05	< 10
P470404	10	< 0.2	< 0.5	207	1000	3	8	7	83	1.67	< 2	< 10	32	0.7	< 2	1.97	13	18	6.13	< 10	< 1	0.47	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
P470405	123	4.1	< 0.5	830	48	14	8	41	57	0.44	29	< 10	17	< 0.5	2	0.46	16	9	4.08	< 10	< 1	0.48	28
P470406	6	17.0	1.1	> 10000	588	< 1	48	39	219	2.33	< 2	< 10	< 10	< 0.5	< 2	0.96	52	91	5.97	< 10	< 1	0.02	< 10
P470407	5	1.9	1.7	29	1950	6	9	128	1010	0.62	1110	< 10	11	< 0.5	< 2	4.22	9	37	15.4	< 10	6	0.22	< 10
P470408	< 5	< 0.2	< 0.5	214	1890	< 1	15	4	118	3.52	15	< 10	123	0.5	< 2	4.61	14	62	7.11	10	< 1	1.51	< 10
P470409	106	13.6	1.8	49	2030	1	9	82	138	2.54	28	< 10	42	< 0.5	110	6.19	26	24	7.39	10	< 1	0.69	< 10
P470410	34	8.9	3.9	436	3940	< 1	2	> 5000	303	1.61	12	< 10	66	1.0	< 2	2.06	9	5	3.13	< 10	< 1	0.92	< 10
P470411	6	< 0.2	0.9	40	138	13	34	14	227	0.71	11	< 10	71	< 0.5	< 2	0.18	4	23	3.45	< 10	< 1	0.08	< 10
P470412	> 5000	87.8	8.9	2430	43	2	2	> 5000	454	0.04	1610	< 10	< 10	< 0.5	< 2	0.02	< 1	15	2.68	< 10	6	0.02	< 10
P470413	82	0.6	< 0.5	55	1150	3	6	44	74	3.13	19	< 10	65	< 0.5	5	4.21	11	153	4.74	10	< 1	0.10	< 10
H427444	216	3.7	< 0.5	19	66	10	2	294	62	0.68	75	< 10	11	< 0.5	3	0.08	< 1	17	2.37	< 10	< 1	0.39	22
H427445	9	< 0.2	< 0.5	51	641	< 1	39	4	39	2.81	5	< 10	32	< 0.5	< 2	0.84	9	234	13.4	< 10	1	0.03	< 10
H427446	21	0.2	< 0.5	96	368	< 1	51	13	23	2.96	< 2	< 10	< 10	< 0.5	< 2	4.51	13	92	14.3	< 10	< 1	< 0.01	< 10
H427447	35	1.4	0.9	25	26	6	< 1	591	158	0.28	50	< 10	18	< 0.5	< 2	0.04	< 1	22	1.74	< 10	< 1	0.28	< 10
H427448	49	0.3	< 0.5	27	1550	2	2	10	66	2.09	36	< 10	25	< 0.5	2	7.98	9	15	6.04	< 10	< 1	0.14	< 10
H427449	7	0.5	1.1	13	1620	4	22	62	512	1.14	766	< 10	< 10	0.6	< 2	5.67	24	76	11.8	< 10	< 1	0.34	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
H427651	1.82	0.065	0.080	0.02	3	5	44	0.54	< 20	< 1	< 2	< 10	83	< 10	13	23					
H427652	0.37	0.098	0.081	0.50	< 2	6	24	0.45	< 20	3	< 2	< 10	29	< 10	21	22					
H427653	2.87	0.116	0.043	0.25	< 2	9	13	0.45	< 20	3	< 2	< 10	105	< 10	13	14					
H427654	0.11	0.019	0.273	2.27	4	7	97	< 0.01	< 20	< 1	< 2	< 10	55	< 10	7	6					
H427655	0.04	0.022	0.172	0.87	3	3	73	< 0.01	< 20	< 1	< 2	< 10	26	< 10	4	4					
H427656	1.43	0.044	0.061	0.46	2	5	53	0.52	< 20	< 1	< 2	< 10	82	< 10	13	19					
H427657	4.42	0.050	0.052	0.61	4	23	53	0.30	< 20	1	< 2	< 10	180	< 10	14	9					
H427658	2.60	0.029	0.047	0.19	9	12	74	< 0.01	< 20	1	< 2	< 10	24	< 10	8	1					
H427659	2.41	0.027	0.041	0.84	28	12	78	< 0.01	< 20	3	2	< 10	32	< 10	8	1					
H427660	2.29	0.050	0.149	0.04	4	11	113	< 0.01	< 20	< 1	2	< 10	23	< 10	9	1					
H427661	2.10	0.028	0.043	1.43	4	4	5	0.45	< 20	7	< 2	< 10	126	< 10	14	14					
H427662	0.83	0.062	0.138	1.44	4	4	240	< 0.01	< 20	< 1	< 2	< 10	56	< 10	9	2					
H427663	2.80	0.047	0.060	0.54	5	12	40	0.56	< 20	2	< 2	< 10	126	< 10	12	25					
H427664	0.36	0.047	0.044	0.92	9	8	38	< 0.01	< 20	2	< 2	< 10	19	< 10	4	2					
H427665	0.02	0.020	0.003	0.23	11	< 1	3	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2					
H427666	0.01	0.021	0.001	0.31	16	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	5					
H427667	3.07	0.030	0.022	0.23	7	19	309	< 0.01	< 20	4	< 2	< 10	40	< 10	19	2					88.2
H427668	2.05	0.019	0.032	0.62	7	14	137	< 0.01	< 20	< 1	< 2	< 10	39	< 10	12	2					
H427669	3.38	0.015	0.052	0.42	9	13	258	< 0.01	< 20	2	< 2	< 10	25	< 10	13	2					
H427670	2.34	0.035	0.060	0.27	21	24	102	0.06	< 20	3	< 2	< 10	95	< 10	11	5					
H427671	4.68	0.243	0.053	0.83	3	2	24	0.26	< 20	< 1	< 2	< 10	77	< 10	8	4					
H427672	0.02	0.032	0.011	2.57	9	1	1	< 0.01	< 20	13	< 2	< 10	5	< 10	< 1	2					
H427673	3.25	0.034	0.058	1.79	4	7	41	0.61	< 20	4	< 2	< 10	117	< 10	11	19					
H427674	0.04	0.048	0.010	1.03	4	< 1	368	< 0.01	< 20	< 1	2	< 10	2	< 10	5	2					
H427675	2.03	0.042	0.164	6.70	4	9	40	< 0.01	< 20	< 1	2	< 10	93	< 10	8	3					
H427676	0.04	0.018	0.007	2.04	47	< 1	4	< 0.01	< 20	< 1	19	< 10	5	< 10	< 1	2					
H427677	0.38	0.040	0.129	0.96	10	5	120	< 0.01	< 20	< 1	< 2	< 10	19	< 10	9	1					
H427678	0.03	0.022	0.027	0.69	19	< 1	9	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	2					
H427679	0.02	0.017	0.004	8.00	43	< 1	3	< 0.01	< 20	< 1	35	< 10	2	< 10	< 1	3					
H427680	0.04	0.019	0.009	0.66	12	< 1	5	< 0.01	< 20	< 1	8	< 10	2	< 10	1	2					
H427681	0.02	0.013	0.001	17.3	72	< 1	1	< 0.01	< 20	< 1	44	< 10	4	< 10	< 1	5					
H427682	0.03	0.020	0.027	1.81	24	< 1	37	< 0.01	< 20	< 1	11	< 10	3	< 10	1	2					
H427683	0.03	0.016	0.002	1.50	76	< 1	38	< 0.01	< 20	< 1	47	< 10	2	< 10	3	2					
H427684	0.11	0.020	0.177	0.59	4	8	56	< 0.01	< 20	< 1	< 2	< 10	31	< 10	8	1					
H427685	0.83	0.014	2.03	4.54	3	36	45	0.04	< 20	7	< 2	< 10	210	< 10	27	3		1.76			
H427686	1.23	0.015	0.824	0.08	3	20	22	0.04	< 20	2	< 2	< 10	88	< 10	28	2					
H427687	0.02	0.020	0.006	1.59	1680	< 1	9	< 0.01	< 20	112	< 2	< 10	1	13	< 1	< 1	360		5.26		10.6
H427688	1.24	0.060	0.450	0.10	6	2	18	0.04	< 20	< 1	< 2	< 10	31	< 10	11	1		1.33			
H427689	< 0.01	0.016	0.005	5.30	78	< 1	3	< 0.01	< 20	95	< 2	< 10	< 1	69	< 1	< 1	107		11.2	5.10	
H427690	0.11	0.034	0.053	0.19	28	3	15	< 0.01	< 20	2	< 2	< 10	28	< 10	4	1					
H427691	< 0.01	0.074	0.012	0.06	< 2	< 1	17	< 0.01	< 20	3	< 2	< 10	< 1	< 10	4	9					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
H427692	1.85	0.047	0.021	13.8	9	9	12	0.01	< 20	< 1	< 2	< 10	102	< 10	5	3					
H427693	3.21	0.022	0.032	9.39	10	13	15	0.39	< 20	2	< 2	< 10	83	< 10	10	13					
H427694	1.64	0.019	0.019	6.82	48	11	158	< 0.01	< 20	< 1	6	< 10	32	< 10	9	2					
H427695	0.21	0.016	0.074	14.8	37	3	7	0.03	< 20	2	11	< 10	37	< 10	5	4					
H427696	1.58	0.063	0.045	6.55	7	18	16	0.33	< 20	4	< 2	< 10	145	< 10	12	14					
H427697	1.18	0.012	0.007	17.9	17	1	46	< 0.01	< 20	1	< 2	< 10	7	< 10	3	4					
H427698	3.73	0.088	0.033	1.40	12	14	44	0.30	< 20	< 1	< 2	< 10	134	< 10	7	10					
H427699	4.18	0.028	0.022	3.62	17	14	8	0.52	< 20	5	< 2	< 10	85	< 10	13	13					
H427700	0.36	0.016	0.002	4.91	632	1	28	< 0.01	< 20	< 1	5	< 10	19	< 10	2	5	778				
H427034	1.53	0.044	0.097	3.20	14	6	20	< 0.01	< 20	< 1	< 2	< 10	56	< 10	6	5					
H427035	0.02	0.019	0.001	0.79	3	< 1	2	< 0.01	< 20	3	< 2	< 10	< 1	< 10	15	3					
H427036	2.32	0.141	0.146	1.81	4	15	42	0.32	< 20	< 1	< 2	< 10	166	< 10	8	3					
H427037	0.03	0.015	0.058	8.98	89	2	4	< 0.01	< 20	2	19	< 10	15	< 10	6	2					
H427038	1.36	0.031	0.067	1.34	3	2	63	0.01	< 20	2	< 2	< 10	19	< 10	12	3					
H427039	1.53	0.034	0.022	19.0	15	6	16	< 0.01	< 20	< 1	< 2	< 10	80	< 10	3	4					
H427040	< 0.01	0.019	0.001	0.95	10	< 1	1	< 0.01	< 20	2	< 2	< 10	1	< 10	< 1	< 1					
H427041	3.39	0.040	0.044	3.86	17	15	12	0.02	< 20	< 1	< 2	< 10	130	< 10	6	2					
H427042	3.56	0.048	0.040	7.01	11	22	6	0.31	< 20	< 1	3	< 10	179	< 10	13	9					
H427043	1.53	0.053	0.172	3.62	9	9	9	0.02	< 20	< 1	< 2	< 10	170	< 10	4	3					
H427044	0.65	0.015	0.027	8.71	1290	3	2	< 0.01	< 20	< 1	9	< 10	48	< 10	< 1	2				2.43	9.30
H427045	0.55	0.013	0.022	> 20.0	30	2	1	< 0.01	< 20	< 1	< 2	< 10	47	< 10	< 1	4					5.83
H427046	0.35	0.026	0.129	4.26	9	4	16	0.01	< 20	< 1	< 2	< 10	35	< 10	8	2					
H427047	0.01	0.012	< 0.001	> 20.0	1280	< 1	< 1	< 0.01	< 20	4	40	< 10	5	< 10	< 1	4					
H427048	1.68	0.015	0.067	9.69	28	9	71	< 0.01	< 20	< 1	< 2	< 10	47	< 10	7	3					
H427049	0.01	0.015	0.007	7.48	123	< 1	6	< 0.01	< 20	< 1	31	< 10	2	< 10	< 1	3					
H427050	0.01	0.011	0.004	> 20.0	903	< 1	2	< 0.01	< 20	2	76	< 10	5	< 10	< 1	3					
S022401	0.05	0.014	0.002	> 20.0	145	< 1	17	< 0.01	< 20	3	147	< 10	5	< 10	1	5					
S022402	3.46	0.106	0.199	0.14	12	15	83	0.31	< 20	12	< 2	< 10	175	< 10	6	2					
S022403	0.39	0.072	0.017	18.9	16	7	15	0.18	< 20	3	2	< 10	37	< 10	3	5					
S022404	3.19	0.180	0.243	0.59	5	21	153	0.23	< 20	< 1	< 2	< 10	195	< 10	6	2					
S022405	0.01	0.039	0.003	4.46	14	< 1	2	< 0.01	< 20	2	< 2	< 10	2	< 10	3	3					
S022406	0.01	0.019	0.002	18.9	60	< 1	1	< 0.01	< 20	< 1	< 2	< 10	4	< 10	< 1	4					
S022407	1.56	0.047	0.046	3.03	8	9	32	0.32	< 20	< 1	< 2	< 10	105	< 10	8	13					
S022408	2.51	0.032	0.034	5.02	5	10	35	0.30	< 20	2	< 2	< 10	120	< 10	8	14					
S022409	< 0.01	0.019	0.002	4.67	28	< 1	2	< 0.01	< 20	40	< 2	< 10	2	< 10	< 1	1			5.03	1.05	
S022410	1.56	0.057	0.209	0.57	6	6	90	0.33	< 20	6	< 2	< 10	81	< 10	12	3					
S022411	0.97	0.036	0.217	0.06	10	5	47	0.01	< 20	< 1	< 2	< 10	259	< 10	10	5					
S022412	1.65	0.046	0.183	0.30	14	17	339	< 0.01	< 20	< 1	< 2	< 10	36	< 10	9	2					
S022413	3.28	0.047	0.034	0.25	4	26	11	0.22	< 20	6	< 2	< 10	133	< 10	7	7					
S022414	0.21	0.015	0.036	< 0.01	3	< 1	90	< 0.01	< 20	2	< 2	< 10	12	< 10	1	1					
S022415	0.16	0.027	0.010	0.16	4	1	2	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	5					
S022416	0.21	0.017	0.005	0.04	7	1	4	< 0.01	< 20	4	< 2	< 10	3	< 10	11	17					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
S022417	0.12	0.017	0.092	8.93	19	8	5	0.03	< 20	< 1	< 2	< 10	39	< 10	6	3					
S022418	0.61	0.017	0.020	12.6	120	4	14	< 0.01	< 20	23	< 2	< 10	30	< 10	4	4					31.1
S022419	1.40	0.042	0.006	11.5	9	10	37	< 0.01	< 20	< 1	< 2	< 10	75	< 10	2	3					
H427736	0.34	0.025	0.104	1.57	6	4	64	< 0.01	< 20	< 1	< 2	< 10	21	< 10	8	1					
H427737	0.20	0.019	0.106	0.58	12	< 1	98	< 0.01	< 20	2	2	< 10	5	< 10	7	< 1					
H427738	0.05	0.018	0.018	0.89	18	< 1	9	< 0.01	< 20	< 1	14	< 10	3	< 10	2	2					
H427739	0.02	0.015	0.004	3.82	68	< 1	10	< 0.01	< 20	< 1	64	< 10	1	< 10	< 1	2					
H427740	2.90	0.022	0.028	1.28	5	14	21	0.45	< 20	< 1	< 2	< 10	258	< 10	6	4		2.70			
H427741	0.07	0.092	0.006	0.16	< 2	< 1	13	0.11	< 20	< 1	< 2	< 10	6	< 10	8	1					
H427742	0.07	0.014	0.121	1.99	16	< 1	3	0.01	< 20	< 1	< 2	< 10	404	< 10	2	7		2.54			
H427743	< 0.01	0.022	0.004	1.36	4	< 1	2	< 0.01	< 20	2	< 2	< 10	2	< 10	1	6					
H427744	< 0.01	0.054	0.001	0.67	< 2	< 1	12	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	2					
H427745	< 0.01	0.020	0.002	1.27	2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	4	7					
H427746	1.52	0.014	0.037	3.97	14	6	2	0.13	< 20	< 1	< 2	< 10	62	< 10	5	7					
H427747	2.60	0.063	0.097	0.42	12	19	26	0.26	< 20	4	< 2	< 10	137	< 10	12	3					
H427748	1.01	0.025	0.036	3.68	13	5	11	0.20	< 20	< 1	< 2	< 10	23	< 10	13	5					
H427749	1.40	0.042	0.024	9.53	9	12	28	0.27	< 20	3	< 2	< 10	92	< 10	6	9					
H427750	0.03	0.018	0.001	0.50	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	6	2					
H427029	1.83	0.020	0.090	0.75	4	8	302	< 0.01	< 20	5	< 2	< 10	27	< 10	4	< 1					
H427030	1.86	0.054	0.206	1.92	13	26	16	0.29	< 20	3	< 2	< 10	332	< 10	9	9					
H427031	2.62	0.028	0.138	2.40	20	22	190	0.08	< 20	< 1	< 2	< 10	120	< 10	5	2					
H427032	1.21	0.045	0.015	0.34	467	5	22	0.17	< 20	2	< 2	< 10	65	< 10	4	3	135	1.29			
H427638	3.42	0.022	0.038	0.05	8	13	44	< 0.01	< 20	< 1	< 2	< 10	45	< 10	5	1					
H427639	1.14	0.364	0.025	0.08	< 2	5	23	0.31	< 20	2	< 2	< 10	48	< 10	7	13					
H427640	2.22	0.044	0.122	1.35	2	6	46	0.28	< 20	< 1	2	< 10	101	< 10	11	15					
H427641	0.47	0.055	0.584	2.93	11	8	15	0.18	< 20	< 1	< 2	< 10	154	< 10	19	3					
H427642	3.21	0.108	0.059	1.95	4	17	14	0.54	< 20	4	< 2	< 10	135	< 10	12	23					
H427643	0.59	0.018	0.151	1.77	2	7	207	0.04	< 20	1	< 2	< 10	88	< 10	3	10		1.67			
H427644	4.12	0.063	0.048	0.87	2	3	7	0.28	< 20	1	< 2	< 10	65	< 10	7	4					
H427645	3.50	0.057	0.074	1.07	4	7	6	0.67	< 20	1	< 2	< 10	129	< 10	15	22					
H427646	0.07	0.029	0.017	0.02	< 2	< 1	26	0.01	< 20	< 1	< 2	< 10	43	< 10	1	4					
H427647	1.25	0.037	0.062	0.08	< 2	2	45	0.12	< 20	< 1	< 2	< 10	31	< 10	4	5					
H427648	0.65	0.035	0.126	1.48	3	7	33	< 0.01	< 20	< 1	< 2	< 10	31	< 10	7	2					
H427649	0.02	0.025	0.025	2.41	17	1	16	< 0.01	< 20	2	< 2	< 10	4	< 10	1	2					
H427650	0.33	0.028	0.091	1.51	3	3	47	< 0.01	< 20	< 1	< 2	< 10	16	< 10	4	1					
H427568	2.87	0.077	0.201	1.58	5	6	31	0.22	< 20	4	< 2	< 10	94	< 10	4	2					
H427569	1.11	0.452	0.229	1.62	4	7	159	0.13	< 20	< 1	< 2	< 10	49	< 10	3	1					
H427570	2.15	0.028	0.069	4.72	4	14	5	0.15	< 20	2	< 2	< 10	169	< 10	4	2					
H427571	1.85	0.127	0.159	0.84	2	11	31	0.22	< 20	< 1	< 2	< 10	131	< 10	4	1					
P470401	0.56	0.060	0.086	0.31	< 2	4	42	0.41	< 20	5	< 2	< 10	21	< 10	15	9					
P470402	3.46	0.063	0.080	1.40	3	24	61	0.44	< 20	2	< 2	< 10	126	< 10	11	16					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
P470403	2.55	0.374	0.028	0.11	3	8	22	0.28	< 20	2	< 2	< 10	78	< 10	7	4					
P470404	1.59	0.112	0.086	2.07	3	13	231	0.10	< 20	< 1	< 2	< 10	117	< 10	6	3					
P470405	0.08	0.031	0.261	2.00	2	3	119	< 0.01	< 20	< 1	< 2	< 10	44	< 10	2	2					
P470406	2.35	0.037	0.028	1.76	< 2	3	17	0.30	< 20	< 1	< 2	< 10	55	< 10	6	12		1.39			
P470407	2.12	0.021	0.012	12.3	163	3	100	< 0.01	< 20	3	54	< 10	17	< 10	1	3					
P470408	2.37	0.062	0.167	0.33	12	25	139	0.26	< 20	4	< 2	< 10	154	< 10	6	2					
P470409	1.88	0.052	0.072	0.94	8	25	402	0.21	< 20	2	< 2	< 10	150	< 10	11	2					
P470410	0.38	0.048	0.166	0.88	5	4	29	< 0.01	< 20	2	< 2	< 10	21	< 10	8	< 1			0.867		
P470411	0.27	0.102	0.030	0.05	6	7	17	0.02	< 20	< 1	< 2	< 10	73	< 10	4	6					
P470412	0.01	0.024	0.003	2.31	509	< 1	2	< 0.01	< 20	266	< 2	< 10	1	< 10	< 1	< 1			7.54		54.5
P470413	3.57	0.099	0.097	0.73	9	30	26	0.64	< 20	6	< 2	< 10	159	< 10	16	9					
H427444	0.04	0.148	0.005	2.26	8	< 1	6	< 0.01	< 20	2	< 2	< 10	2	< 10	5	4					
H427445	2.60	0.051	0.025	1.09	5	14	9	0.39	< 20	7	< 2	< 10	128	< 10	3	12					
H427446	0.72	0.028	0.016	12.8	7	5	22	0.16	< 20	< 1	< 2	< 10	59	< 10	2	7					
H427447	0.04	0.030	0.002	1.62	3	< 1	2	< 0.01	< 20	1	< 2	< 10	2	< 10	4	3					
H427448	1.67	0.043	0.128	0.37	5	13	315	< 0.01	< 20	< 1	< 2	< 10	68	< 10	12	1					
H427449	1.78	0.031	0.027	11.8	102	6	110	< 0.01	< 20	< 1	49	< 10	28	< 10	3	2					

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PTM-1a Meas																							
PTM-1a Cert																							
GXR-6 Meas		< 0.2	< 0.5	63	920	1	22	87	118	6.88	193	< 10	964	0.9	< 2	0.19	12	77	5.32	20	< 1	1.12	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas																							
OREAS 134b (AQUA REGIA) Cert																							
MP-1b Meas																							
MP-1b Cert																							
MP-1b Meas																							
MP-1b Cert																							
CPB-2 Meas																							
CPB-2 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 904 (Aqua Regia) Meas		0.2	< 0.5	6070	413	1	34	9	25	1.91	92		71	7.5	4	0.05	87	25	6.45	< 10		0.91	39
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OxQ90 Meas																							
OxQ90 Cert																							
OxQ90 Meas																							
OxQ90 Cert																							
Oreas 95 (Aqua Regia) Meas																							
Oreas 95 (Aqua Regia) Cert																							
Oreas 95 (Aqua Regia) Meas																							
Oreas 95 (Aqua Regia) Cert																							
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2330	719	< 1	37	62	278	2.76	6		56	0.7	7	0.41	18	48	5.27	< 10		0.46	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2290	747	< 1	35	66	266	2.95	6		74	0.8	4	0.42	19	47	5.33	< 10		0.49	38

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4350	854	< 1	33	79	348	3.00	5		58	0.7	14	0.43	21	44	6.18	< 10		0.41	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OXN117 Meas																							
OXN117 Cert																							
OXN117 Meas																							
OXN117 Cert																							
PTC-1b Meas																							
PTC-1b Cert																							
PTC-1b Meas																							
PTC-1b Cert																							
OREAS 907 (Aqua Regia) Meas		1.2	0.6	6570	324	4	6	33	150	1.24	37		177	1.1	26	0.30	46	9	8.40	20		0.38	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.1	0.9	6160	327	4	2	34	149	1.24	33		226	1.1	14	0.29	45	9	8.27	10		0.37	38
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
CCU-1e Meas																							
CCU-1e Cert																							
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 214 Meas	2880																						
OREAS 214 Cert	3030																						
OREAS 214 Meas	2930																						
OREAS 214 Cert	3030																						
OREAS 214 Meas	2890																						
OREAS 214 Cert	3030																						
OREAS 214 Meas	2990																						
OREAS 214 Cert	3030																						
OREAS 214 Meas	2880																						
OREAS 214 Cert	3030																						
OREAS 217 (Fire Assay) Meas	322																						
OREAS 217 (Fire Assay) Cert	338																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 217 (Fire Assay) Meas	325																						
OREAS 217 (Fire Assay) Cert	338																						
OREAS 217 (Fire Assay) Meas	316																						
OREAS 217 (Fire Assay) Cert	338																						
OREAS 217 (Fire Assay) Meas	332																						
OREAS 217 (Fire Assay) Cert	338																						
OREAS 217 (Fire Assay) Meas	321																						
OREAS 217 (Fire Assay) Cert	338																						
Oreas 621 (Aqua Regia) Meas		66.8	222	3740	493	11	25	> 5000	> 10000	1.75	76			0.6	3	1.72	29	33	3.47	< 10	5	0.38	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.3	270	3510	504	11	23	> 5000	> 10000	1.80	76			0.6	5	1.73	28	31	3.51	< 10	4	0.37	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
H427651 Orig		< 0.2	< 0.5	23	626	< 1	47	27	101	2.56	< 2	< 10	10	< 0.5	< 2	1.54	28	42	4.48	< 10	< 1	0.01	< 10
H427651 Dup		< 0.2	< 0.5	22	627	< 1	48	29	100	2.54	3	< 10	10	< 0.5	< 2	1.50	28	44	4.46	< 10	< 1	0.01	< 10
H427658 Orig	< 5																						
H427658 Dup	< 5																						
H427665 Orig		0.8	0.9	6	52	8	1	21	75	0.14	56	< 10	84	< 0.5	< 2	0.02	< 1	52	0.73	< 10	497	0.05	< 10
H427665 Dup		0.8	0.9	7	51	7	1	20	72	0.13	50	< 10	82	< 0.5	< 2	0.02	< 1	44	0.71	< 10	498	0.05	< 10
H427668 Orig	128																						
H427668 Dup	87																						
H427678 Orig		< 0.2	< 0.5	5	20	7	< 1	19	10	0.57	383	< 10	98	< 0.5	< 2	0.03	< 1	3	1.58	< 10	< 1	0.37	28
H427678 Dup		< 0.2	< 0.5	5	20	7	2	18	10	0.58	376	< 10	77	< 0.5	< 2	0.03	< 1	3	1.55	< 10	< 1	0.37	28
H427680 Orig	133																						
H427680 Dup	154																						
H427692 Orig		< 0.2	< 0.5	70	278	< 1	76	< 2	50	1.89	14	< 10	< 10	< 0.5	< 2	1.49	36	116	13.0	< 10	< 1	0.07	< 10
H427692 Dup		< 0.2	< 0.5	68	271	< 1	73	< 2	49	1.85	17	< 10	< 10	< 0.5	2	1.45	33	113	12.7	< 10	3	0.08	< 10
H427693 Orig	5																						
H427693 Dup	8																						
H427700 Orig	8	> 100	32.3	95	411	26	17	1260	2380	0.21	645	< 10	< 10	< 0.5	< 2	0.66	23	17	5.28	< 10	11	0.11	< 10
H427700 Split PREP DUP	9	98.8	31.6	92	415	25	16	1270	2340	0.19	640	< 10	< 10	< 0.5	< 2	0.65	22	17	5.15	< 10	10	0.10	< 10
H427035 Orig	16																						
H427035 Dup	15																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
H427040 Orig		0.4	< 0.5	14	65	3	2	17	28	0.06	69	< 10	12	< 0.5	< 2	0.02	1	29	1.36	< 10	< 1	0.04	< 10
H427040 Dup		0.3	< 0.5	16	67	3	2	16	28	0.06	73	< 10	12	< 0.5	< 2	0.02	1	29	1.42	< 10	< 1	0.04	< 10
H427047 Orig	89																						
H427047 Dup	88																						
S022404 Orig		0.2	< 0.5	74	1340	< 1	121	17	160	4.94	14	< 10	59	< 0.5	< 2	8.23	31	501	8.47	10	< 1	2.15	< 10
S022404 Dup		0.3	< 0.5	74	1320	< 1	118	16	158	4.90	15	< 10	63	< 0.5	< 2	8.16	30	492	8.39	10	2	2.12	< 10
S022410 Orig	41																						
S022410 Dup	38																						
S022417 Orig		2.0	< 0.5	9	215	2	< 1	62	151	0.30	200	< 10	< 10	< 0.5	< 2	0.28	15	6	8.28	< 10	< 1	0.21	< 10
S022417 Dup		2.1	< 0.5	10	216	1	3	63	150	0.30	202	< 10	< 10	< 0.5	< 2	0.28	16	6	8.24	< 10	< 1	0.21	< 10
H427736 Orig	182																						
H427736 Dup	183																						
H427747 Orig		< 0.2	< 0.5	8	1450	1	37	< 2	94	2.55	45	< 10	21	< 0.5	< 2	3.42	36	248	4.41	< 10	< 1	0.04	< 10
H427747 Dup		< 0.2	< 0.5	8	1510	1	36	< 2	98	2.68	44	< 10	22	< 0.5	< 2	3.56	37	259	4.61	< 10	< 1	0.04	< 10
H427748 Orig	29																						
H427748 Dup	34																						
H427749 Orig	5	< 0.2	< 0.5	54	634	< 1	48	< 2	53	1.91	6	< 10	11	< 0.5	< 2	5.28	30	53	10.0	< 10	< 1	0.07	< 10
H427749 Split PREP DUP	5	< 0.2	< 0.5	55	642	< 1	42	< 2	57	1.93	5	< 10	< 10	< 0.5	< 2	5.43	31	53	10.6	< 10	2	0.07	< 10
H427643 Orig	147																						
H427643 Dup	138																						
H427569 Orig		0.3	< 0.5	166	414	< 1	78	2	16	2.61	< 2	< 10	28	0.7	< 2	3.84	40	141	4.11	< 10	< 1	0.20	< 10
H427569 Dup		0.4	< 0.5	164	409	< 1	79	3	17	2.68	3	< 10	26	0.7	< 2	3.86	41	140	4.10	< 10	< 1	0.21	< 10
H427570 Orig	19																						
H427570 Dup	19																						
P470406 Orig																							
P470406 Dup																							
P470411 Orig	5																						
P470411 Dup	7																						
P470412 Orig		89.4	8.9	2420	43	2	2	> 5000	451	0.04	1590	< 10	< 10	< 0.5	< 2	0.03	< 1	15	2.66	< 10	7	0.02	< 10
P470412 Dup		86.3	9.0	2440	42	2	2	> 5000	457	0.04	1630	< 10	< 10	< 0.5	< 2	0.02	< 1	16	2.70	< 10	6	0.02	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
Method Blank																							
Method Blank	< 5																						
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
PTM-1a Meas																	133	25.5			
PTM-1a Cert																	135	24.96			
GXR-6 Meas	0.40	0.102	0.031	0.02	< 2	18	34		< 20	< 1	< 2	< 10	145	< 10	4	7					
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110					
OREAS 134b (AQUA REGIA) Meas																			13.1		
OREAS 134b (AQUA REGIA) Cert																			13.3		
MP-1b Meas																	49	2.99	2.09	16.5	
MP-1b Cert																	47	3.07	2.09	16.7	
MP-1b Meas																			2.06		
MP-1b Cert																			2.09		
CPB-2 Meas																			63.5		
CPB-2 Cert																			63.52		
CZN-4 Meas																	51	0.408	0.188	55.7	
CZN-4 Cert																	51	0.403	0.1861	55.07	
CZN-4 Meas																			0.180		
CZN-4 Cert																			0.1861		
OREAS 904 (Aqua Regia) Meas	0.20		0.097	0.04	4	4	17		< 20		< 2	< 10	29		17						
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2						
OxQ90 Meas																					24.8
OxQ90 Cert																					24.9
OxQ90 Meas																					24.4
OxQ90 Cert																					24.9
Oreas 95 (Aqua Regia) Meas																	7	2.55	0.006	0.032	
Oreas 95 (Aqua Regia) Cert																	7.72	2.55	0.00649	0.0316	
Oreas 95 (Aqua Regia) Meas																	6	2.43	0.009	0.031	
Oreas 95 (Aqua Regia) Cert																	7.72	2.55	0.00649	0.0316	
OREAS 922 (AQUA REGIA) Meas	1.36	0.029	0.062	0.36	3	4	11		< 20		< 2	< 10	27	< 10	14	18					
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3					
OREAS 922 (AQUA REGIA)	1.43	0.030	0.064	0.38	2	4	15		< 20		< 2	< 10	33	< 10	18	21					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
Meas																					
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3					
OREAS 923 (AQUA REGIA) Meas	1.55		0.063	0.70	4	4	13		< 20		< 2	< 10	34	< 10	17	30					
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5					
OXN117 Meas																					7.76
OXN117 Cert																					7.679
OXN117 Meas																					7.71
OXN117 Cert																					7.679
PTC-1b Meas																	52	7.95	0.084	0.204	
PTC-1b Cert																	53	7.97	0.080	0.2083	
PTC-1b Meas																			0.083		
PTC-1b Cert																			0.080		
OREAS 907 (Aqua Regia) Meas	0.24	0.108	0.024	0.07	6	2	9	0.03	< 20	1	< 2	< 10	5	< 10	5	18					
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7					
OREAS 907 (Aqua Regia) Meas	0.24	0.103	0.024	0.06	4	2	12	0.03	< 20	< 1	< 2	< 10	7	< 10	7	20					
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7					
CCU-1e Meas																	210	23.6	0.685	3.04	
CCU-1e Cert																	205	22.9	0.703	3.02	
CCU-1e Meas																			0.695		
CCU-1e Cert																			0.703		
OREAS 214 Meas																					
OREAS 214 Cert																					
OREAS 214 Meas																					
OREAS 214 Cert																					
OREAS 214 Meas																					
OREAS 214 Cert																					
OREAS 214 Meas																					
OREAS 214 Cert																					
OREAS 214 Meas																					
OREAS 214 Cert																					
OREAS 217 (Fire Assay) Meas																					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
OREAS 217 (Fire Assay) Cert																					
OREAS 217 (Fire Assay) Meas																					
OREAS 217 (Fire Assay) Cert																					
OREAS 217 (Fire Assay) Meas																					
OREAS 217 (Fire Assay) Cert																					
OREAS 217 (Fire Assay) Meas																					
OREAS 217 (Fire Assay) Cert																					
OREAS 217 (Fire Assay) Meas																					
OREAS 217 (Fire Assay) Cert																					
Oreas 621 (Aqua Regia) Meas	0.45	0.187	0.034	4.51	95	2	12		< 20		< 2	< 10	10	< 10	5	49	71	0.372	1.39	5.39	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	68.0	0.366	1.36	5.17	
Oreas 621 (Aqua Regia) Meas	0.45	0.188	0.034	4.59	113	2	15		< 20		< 2	< 10	12	< 10	7	62			1.35		
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0			1.36		
H427651 Orig	1.83	0.066	0.080	0.02	3	5	44	0.54	< 20	3	< 2	< 10	84	< 10	13	23					
H427651 Dup	1.81	0.064	0.079	0.02	2	5	43	0.53	< 20	< 1	< 2	< 10	82	< 10	13	23					
H427658 Orig																					
H427658 Dup																					
H427665 Orig	0.02	0.021	0.003	0.24	11	< 1	3	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2					
H427665 Dup	0.02	0.019	0.003	0.23	10	< 1	3	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2					
H427668 Orig																					
H427668 Dup																					
H427678 Orig	0.03	0.022	0.027	0.70	19	< 1	9	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	2					
H427678 Dup	0.03	0.022	0.026	0.69	18	< 1	8	< 0.01	< 20	1	< 2	< 10	6	< 10	2	2					
H427680 Orig																					
H427680 Dup																					
H427692 Orig	1.88	0.047	0.021	13.8	9	9	12	0.01	< 20	4	< 2	< 10	102	< 10	5	4					
H427692 Dup	1.82	0.046	0.021	13.8	9	9	12	0.01	< 20	< 1	< 2	< 10	101	< 10	5	3					
H427693 Orig																					
H427693 Dup																					
H427700 Orig	0.36	0.016	0.002	4.91	632	1	28	< 0.01	< 20	< 1	5	< 10	19	< 10	2	5	778				
H427700 Split PREP DUP	0.35	0.017	0.002	4.65	629	< 1	27	< 0.01	< 20	< 1	4	< 10	17	< 10	2	4	774				

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
H427035 Orig																					
H427035 Dup																					
H427040 Orig	< 0.01	0.018	0.001	0.93	10	< 1	1	< 0.01	< 20	2	< 2	< 10	1	< 10	< 1	< 1					
H427040 Dup	< 0.01	0.019	0.002	0.97	10	< 1	1	< 0.01	< 20	1	< 2	< 10	1	< 10	< 1	< 1					
H427047 Orig																					
H427047 Dup																					
S022404 Orig	3.20	0.180	0.243	0.60	5	21	154	0.24	< 20	< 1	< 2	< 10	195	< 10	6	2					
S022404 Dup	3.18	0.180	0.243	0.57	6	21	153	0.23	< 20	< 1	< 2	< 10	195	< 10	6	2					
S022410 Orig																					
S022410 Dup																					
S022417 Orig	0.12	0.017	0.092	9.01	20	8	5	0.03	< 20	< 1	< 2	< 10	39	< 10	6	3					
S022417 Dup	0.12	0.018	0.092	8.84	18	8	5	0.03	< 20	4	< 2	< 10	39	< 10	6	3					
H427736 Orig																					
H427736 Dup																					
H427747 Orig	2.56	0.061	0.095	0.41	12	18	25	0.24	< 20	2	< 2	< 10	134	< 10	12	3					
H427747 Dup	2.63	0.064	0.099	0.43	12	19	27	0.27	< 20	5	< 2	< 10	140	< 10	13	3					
H427748 Orig																					
H427748 Dup																					
H427749 Orig	1.40	0.042	0.024	9.53	9	12	28	0.27	< 20	3	< 2	< 10	92	< 10	6	9					
H427749 Split PREP DUP	1.34	0.043	0.023	9.30	6	12	27	0.26	< 20	3	4	< 10	85	< 10	5	9					
H427643 Orig																					
H427643 Dup																					
H427569 Orig	1.11	0.455	0.229	1.61	4	7	164	0.13	< 20	< 1	< 2	< 10	50	< 10	3	1					
H427569 Dup	1.10	0.449	0.230	1.63	5	7	155	0.13	< 20	1	< 2	< 10	48	< 10	3	1					
H427570 Orig																					
H427570 Dup																					
P470406 Orig																		1.40			
P470406 Dup																		1.37			
P470411 Orig																					
P470411 Dup																					
P470412 Orig	0.02	0.024	0.003	2.29	506	< 1	2	< 0.01	< 20	265	< 2	< 10	1	< 10	< 1	< 1					
P470412 Dup	0.01	0.024	0.003	2.33	513	< 1	2	< 0.01	< 20	267	< 2	< 10	1	< 10	< 1	< 1					
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1					
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1					
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES	FA-GRA
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																					
Method Blank																	< 3	< 0.001	< 0.003	< 0.001	
Method Blank																					
Method Blank																			< 0.003		

APPENDIX IV

SAMPLE LOCATION DATA

UTM ZONE 9 (NAD 83)

Sample No.	East	North	Elevation (m)
H427648	404379	6276521	723
H427649	404450	6276472	733
H427650	404451	6276472	733
H427674	404351	6276526	728
H427675	404410	6276500	737
H427676	404437	6276481	737
H427677	404498	6276488	754
H427678	404572	6276423	814
H427679	404596	6276391	846
H427680	404596	6276393	847
H427681	404596	6276391	846
H427682	404599	6276391	847
H427683	404601	6276379	848
H427736	404463	6276475	747
H427737	404532	6276467	778
H427738	404585	6276388	830
H427739	404581	6276384	828