

2018 Assessment Report Inca Property, Yukon

NTS 1050/12, Fango Lake
Lat. 63°35'43" N • Long. 131°56'24" W
Mayo Mining District



Claims work applied to:
Buck 1 – 6 (YC57034- YC57039)
Buck 7 – 12 (YC57316 - YC57321)
Buck 14 - 21 (YC57322- YC57329)

Prepared for:
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April 11th 2019

Period of Work
August 16th, 2018

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Summary

The Inca property is located in the Bostock Range of the Hess Mountains at the head of Fido Creek which lies between the Hess and Rogue Rivers. The claims are located approximately 345 kilometers northeast of Whitehorse but the property was accessed by helicopter from Keno City which is located ~170km to the northwest. The property consists of the Buck 1-21 contiguous mineral claims which are centered at UTM E0354161 / N7055269, NAD83 Zone 9V on NTS mapsheet 1050/12 within the Mayo Mining District. The claims are owned wholly and equally in partnership by T. Morgan, K. Ziehe and D. Coyne and have a total area of ~353 hectares.

This report summarizes the 2018 field visit performed by Metallic Minerals Corp. and claim owner T. Morgan. A site visit was completed on August 16th, 2018 to evaluate the pre-existing showings to delineate structural controls and design recommendations for a future work program. The I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings were visited, mapped and geochemically sampled. 4 man-days total were spent on the property at the Inca at a cost of \$12,644.59. In addition, all historic data including work results not filed by Tajiri Resources whom completed a program in 2011 as part of entering an option agreement are presented in this report.

The Inca property is located within the Selwyn Basin, a sedimentary basin that comprises deep-water clastic and pelitic sediments, chert and carbonate deposited on the continental margin from the Late Proterozoic through the Paleozoic eras. The basal stratigraphic succession in the region is the Late Proterozoic Hyland Group (quartzite, shale and minor limestone). This group is overlain by the Ordovician to Silurian Road River Group (shale and chert). During Late Devonian, extensional tectonics and local rift basins resulted in a thick accumulation Earn Group chert pebble conglomerate, siliceous shale and chert. Ongoing basin sedimentation during Carboniferous to Permian time is named the Mount Christie Group. The Triassic age shale of the Jones Lake Formation is the youngest stratified unit in the region. Basin sedimentation ended in the middle Jurassic when an island arc collided with the western boundary of the basin, initiating a period of deformation and uplift. This was followed by widespread emplacement of middle Cretaceous granitic intrusions of the Tombstone Suite. Only narrow dykes or sills have been mapped on the Plata [and Inca properties]. The closest stock lies 17 km to the east.

Mineralization encountered on the property is structurally-controlled by faults and may represent epithermal Ag-Pb-Zn±Au veins. On the property-scale, three main fault trends have been recognized:

- (**F₁**?) West-trending (045°) south-dipping thrust fault (ex: Plata thrust) which juxtaposes Proterozoic and Paleozoic formations; and is laterally offset by the younger northwest and northeast-trending faults, in some instances a considerable distance.
- (**F₂**?) Northwest-trending (330° – 350°) thrust faults – which have been recognized as very important structures as mineralized veins appear to be associated with these structures (ex: Plata P1 & P6 veins and the Inca I10 Zone).
- (**F₃**?) Northeast (030 - 035°) trending faults, commonly steeply-dipping, that produce known displacements at lithological contacts. This set is orthogonal to the northwest trend and hosts the Plata P2 and Inca I5 & I6 Zones (high-level quartz-calcite vein replacement).

Historically, the Inca was comprised of more than 10 known veins conveniently numbered¹. The I7P and FF veins – which previously were part of the property are now are held by the neighbouring ATAC claims.

Most of these veins were located by Dynasty Exploration & Atlas Exploration in the 1970s and were coincidentally trenched during this time. MINFILE reports that the best historic exposure was at the I7 zone where a 20 m-section of a steeply-dipping northwest-striking fault assayed 2,401 g/t silver and 27% lead over 1.5m. Additionally, the I12 zone is comprised of a northeast-trending fault that extends for over 40 meters, exposing a 0.3 to 0.9 m wide-lens of massive galena which historically assayed 3,773 g/t silver. As mentioned, a small high-grading program was completed in the mid-eighties and at the end of 1986 ~7,646 kg of ore was shipped from the No I7, I7P, I10, I12 and FF veins totaling ~223,000 ounces of silver.

A site visit was completed by Tom Morgan, the author, and two senior MMG representatives on August 16th, 2018 to evaluate the pre-existing showings to delineate structural controls and design recommendations for a future work program. The I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings were visited, mapped and geochemically sampled. Four man-days total were spent on the property. This report covers the site evaluation at the Inca at a cost of \$12,644.59.

In summary, the exploration program included:

- Assessment of current conditions of on-site access and equipment
- Localized recce-mapping of the I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings
- Geochemical sampling – grabs (float and ore sac) and channel sampling
- Compilation of previously un-reported results from Tajiri Resources 2011 exploration program

Overall, the 2018 exploration site visit was successful in updating the author and staff on the current status of the Inca property. The tour allowed for a high-level overview on the vein systems at Inca to better inform laying out future targeted work programs to take the property forward.

The Inca project is deemed highly prospective. As access is limited and there is no infrastructure on-site, exploration techniques utilized in recent times has been limited to localized prospecting, geochemical sampling (soil & rock) and two short RAB drillholes. The author recommends detailed geological mapping on the property-scale with follow-up and testing of the targets delineated to date.

¹ Note: there are no I1 or I2 veins known.

1 Introduction

This report summarizes the 2018 field visit performed by Metallic Minerals Corp. and claim owner T. Morgan. A site visit was completed on August 16th, 2018 to evaluate the pre-existing showings to delineate structural controls and design recommendations for a future work program. The I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings were visited, mapped and geochemically sampled. 4 total man-days were spent on the property. All assay results, certificates, as well as a description of the analytical techniques used and location of all samples are provided. Current interpretations concerning mineralization and geological setting are based on work-to-date are included, leading to recommendations for future exploration work.

1.1 Underlying Agreements & Land Tenure

The Inca property is located in the Bostock Range of the Hess Mountains at the head of Fido Creek which lies between the Hess and Rogue Rivers (refer to **Figure 1**, following page). The claims are located approximately 345 kilometers northeast of Whitehorse but the property was accessed by helicopter from Keno City which is located ~170km to the northwest. The property consists of the Buck 1-21 contiguous mineral claims which are centered at UTM E0354161 / N7055269, NAD83 Zone 9N on NTS map-sheet 1050/12 within the Mayo Mining District. The claims are owned wholly and equally in partnership by T. Morgan, K. Ziehe and D. Coyne and have a total area of ~353 hectares.

This report covers the site evaluation at the Inca at a cost of \$12,644.59. **Table 1. Claim Status** tabulates the current land-package and current expiry data; **Figure 2. Inca Claims** (page 6) shows the location of the claims; and **Appendix I** includes the statement of expenditures.

Table 1. Claim Status²

Claim Name	Grant #	Owner	Recording Date	Staking Date	Expiry Date*
Buck 1	YC57034	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 2	YC57035	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 3	YC57036	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 4	YC57037	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 5	YC57038	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 6	YC57039	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-08-13	2007-08-03	2024-08-13
Buck 7	YC57316	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 8	YC57317	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 9	YC57318	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 10	YC57319	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 11	YC57320	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 12	YC57321	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-27	2023-09-07
Buck 14	YC57322	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 15	YC57323	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 16	YC57324	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 17	YC57325	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 18	YC57326	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 19	YC57327	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-28	2023-09-07
Buck 20	YC57328	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-29	2023-09-07
Buck 21	YC57329	Karl Ziehe - 33.3%, Tom Morgan - 33.4%, Dan Coyne - 33.3%	2007-09-07	2007-08-29	2023-09-07

² Claim expiry dates based on acceptance of submitted Assessment Report.

Figure 1. Location & Access

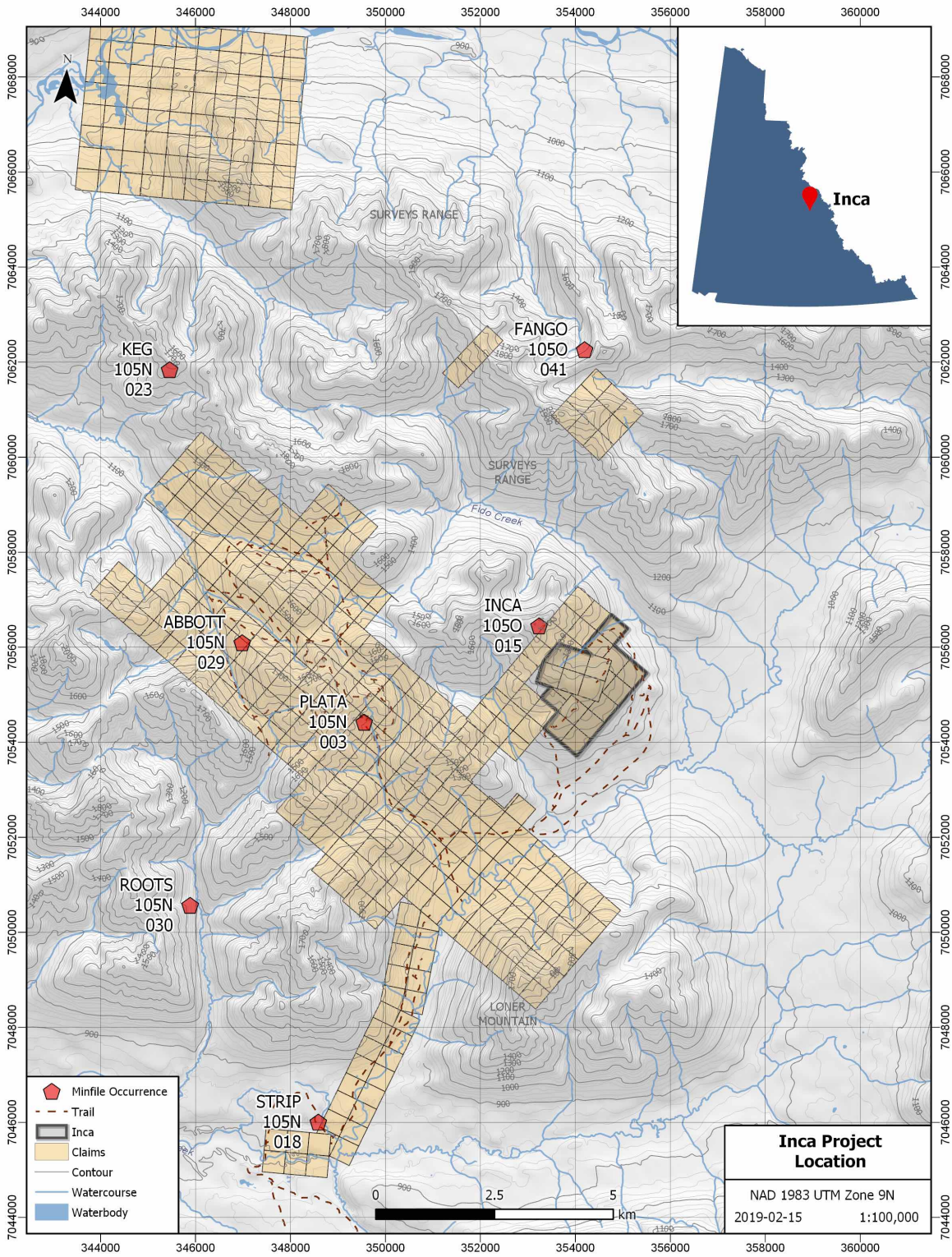
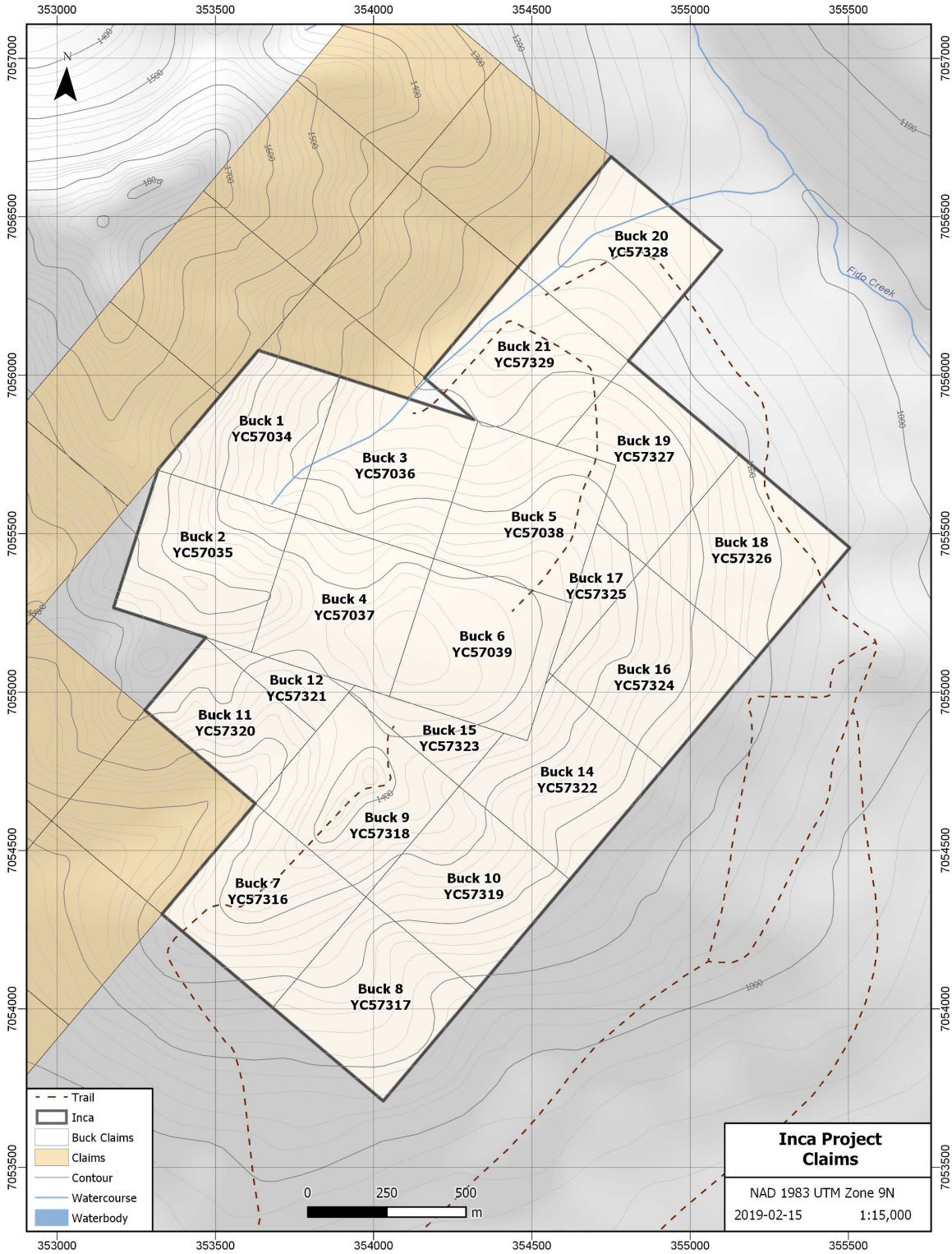


Figure 2. Inca Claims Map



1.2 Location, Access & Infrastructure

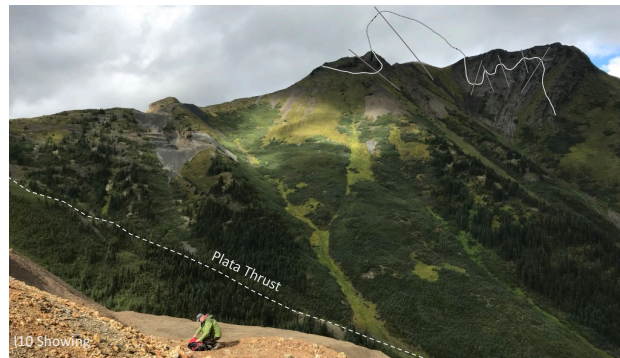
The property is accessible by air from the nearest communities, which are Keno and Ross River. Both communities are accessible by YTG maintained highways, to a landing strip at Fido Creek. A gravel airstrip suitable for all types of bush aircraft is located on the property, approximately 11 km southwest from the property center. Unfortunately, in recent years, a wildfire came through and burned most of the outfitter camp that was adjacent to the airstrip. It is recommended the claim-holders work with ATAC Resources, whom hold the Plata Project, to ship the sacked ore on the airstrip to complete bulk geochemistry. The author estimates that approximately 26-30 tons of ore is currently sacked here from what was assumed to be from the P4 zone with lesser P2 and I10 veins.

Extensive 4WD bulldozer trails are present and connect various work areas on the property. There is a 110 km-long winter road used in the past for mobilizing heavy equipment to the property that extends from the airstrip to the North Canol Road which is a seasonal gravel road that runs northeast from Ross River and has historically provided access and staging areas for development projects in northern Yukon when winter weather permits. As aforementioned, the property was accessed via helicopter, although UTV/ATV and 4X4 support vehicles would be recommended in the future for more extensive explorative work. These transport vehicles could be flown in to the above said airstrip.

At present the camp is comprised of a rustic trailer on skids located just west of the I12 showing. This trailer has since seen extensive porcupine damage but could be rehabilitated as a mobile shop to service the numerous pieces of equipment found on the property which includes an F110 Nodwell drill outfitted with a 450cc compressor and a D8K CAT. It is recommended that a small 8-10 framed wall tent camp (including a kitchen, dry, and office), be constructed to facilitate effective future work programs. The estimated cost associated with constructing this camp is \$300,000 (includes transport costs). Non-potable water can be obtained from the small tributary of Fido Creek present on the northern claims.

1.3 Physiography & Climate

Fido Creek and its tributaries circumnavigate the claim block which is located approximately 6.5 kilometers north Loner Mountain (1840 m) within the Surveys Range between the Hess and Rouge Mountains. Elevations within the claim area range from approximately 1000 m ASL to 1460 m ASL.



LEFT Photo-plate 1a. Looking (northwest) toward main Inca zones from the I7 vein; *RIGHT Photo-plate 1b.* Looking from I10 showing (west) at typical topography of the district, note interpreted disharmonic folding and projected Plata Thrust.

The area experiences warm summers and long cold winters with relatively little precipitation. In the Mayo area summer temperatures average 15°C during the day and 9°C at night. Winter temperatures average -20°C during the day and -31°C at night. Water is available from tributaries of Fido Creek if deemed necessary. Most of the property lies at tree line with narrow to rounded ridge-tops and moderate to steep slopes.

2 Property History

The nearby Plata MINFILE occurrence (105N 003), which is currently held by ATAC Resources, was originally staked in 1969 during a regional program on the Hess Project by Atlas Exploration Ltd. Following this, the claims were left to lapse and in 1972, following detailed prospecting from a joint venture between Dynasty Exploration Ltd and Atlas Exploration Ltd, the Plata 1-280 and Inca cl 1-32 claims were staked. The Inca property covers the Inca MINFILE occurrence (105O 015) which has seen nearly a half a century of sporadic exploration work since the 1970s. As seen below, **Table 2** is a compilation and summary of all work performed on or in proximity to the Inca showing; information pertaining solely to the Plata property are *italicized*. This information is primarily based on the YGS's MINFILE database (Deklerk and Traynor (*compilers*, 2008)). **Figure 3** (refer to page 12) presents currently known and compiled historic locations rock samples (2007-2018) and the two RAB holes drilled in 2008. In addition, work results not filed by Tajiri Resources whom completed a program in 2011 is compiled and presented here. For compiled soil geochemical results refer to **Figures 6-12**, pages 23-29 and **Appendix III**.

Of importance to note is the discrepancies in zone locations; when georeferencing the zone locations from various reports they do not line up. As a result, figures and data presenting zone locations may be incorrect, the author attempted to address this and presents what is thought to be correct.

Table 2. Property History

Oct-1972	Originally staked by Dynasty Exploration & Atlas Exploration ³ as the Inca 1-32 claims (Y68955).
1973-74	Dynasty & Atlas build a tote road and carry out grid soil sampling, prospecting and bulldozer trenching. Trenching results in locating more than 10 galena-bearing veins with high Ag:Pb ratios.
Oct-1981	Dome Petroleum Ltd acquires control of the Inca and Plata properties.
1983-86	Silvercrest Resources Corp. and Dawson Eldorado Exploration Ltd ⁴ . purchase the property and mine ~1186 tons of surface ore from the I7, I7P, I10, I12/FF veins which returned ~223 000 ounces of silver. In addition, 450 tons were mined from the Plata, most of the tonnage came from the No 1 vein.
Aug-1991	Dawson Eldorado Mines Ltd transfers the Plata and Inca claims to Gold City Resources Inc.
1993-94	Gold City Resources Inc. transfers the Plata and Inca claims to Avanti Minerals Ltd. who transfer to Avanti Minerals Inc. in 1994.
1995	<i>A private company, Big Blackfoot Mine Inc. subsequently acquired control of the Plata – Yukon Gold Corporation (YGC) enters agreement to option a 70% interest in the group of claims. YGC conducts a small geochemical sampling program on the Plata side of the claims.</i>
1996	<i>Big Blackfoot Resources Ltd acquires Big Blackfoot Mine Inc. YGC drills 6 diamond drillholes (750m) at Plata and spends close to \$500K on trenching, channel sampling and diamond drilling (975m).</i>
1997	<i>Yukon Gold changed its name to Alliance Pacific Gold Corporation who drilled 16 percussion holes (200 m) at Plata. The company later changed its name to International Alliance Resources, before dropping the option in Dec/2000.</i>
2001	<i>Big Blackfoot Resources enters agreement to option the Plata Copper Ridge Explorations Inc. whom conducts a small geochemical sampling program on the Plata.</i>
2003	<i>Big Blackfoot Resources enters agreement to option the Plata First Star Innovations Inc.</i>
2005	<i>Western Energy Services Ltd. (formerly Big Blackfoot Resources) enters agreement to option the Plata to Incaplatau Exploration Ltd.</i>
2007	<i>Strategic Metals acquires the Plata and portions of the Inca claim block from Western Energy Services Ltd. Strategic flew and airborne magnetic and VTEM survey over the entire property. Tom Morgan stakes the Buck 1-6 (YC57034-YC57039) claims to cover the open remainder of the Inca showings and stakes additional Buck 7-12 (YC57316-YC57321), 14-21 (YC57322-YC57329) and Incax 1-18 (YC57308-YC57362) claims later that month. In the fall conduct prospecting, hand-trenching and geochemical (channel) sampling.</i>
2008	<i>T. Morgan formally enters partnership with K. Ziehe and D. Coyne and conducts a modest YMEP-supported exploration program including: prospecting, soil (46) and rock (20) geochemical sampling program and drills two short rotary holes (6 rock chip samples). Staking of the Buck 13 (YC57363), Buck 23-31 (YC57364-YC57372) and Incax 19-26 (YC70587- YC70594) claims.</i>
2009	Incax 19-26 claims expire.
2011	Additional Buck 32-75 (YE69562-YE69395) claims staked in surrounding area by T. Morgan. Morgan et. al enter option agreement with Tajiri Resources whom completes recce scale mapping and soil and rock geochemical sampling. No work is filed ⁵ .
2012	Buck 32-75 claims expire.
2013	Buck 31-32 and 13, and Incax 1-18 claims expire.

³ In 1974, Atlas Exploration Ltd. changed its name to Cima Resources Ltd, and in 1975 Dynasty Exploration Ltd. changed its name to Cyprus Anvil Mining Corp.

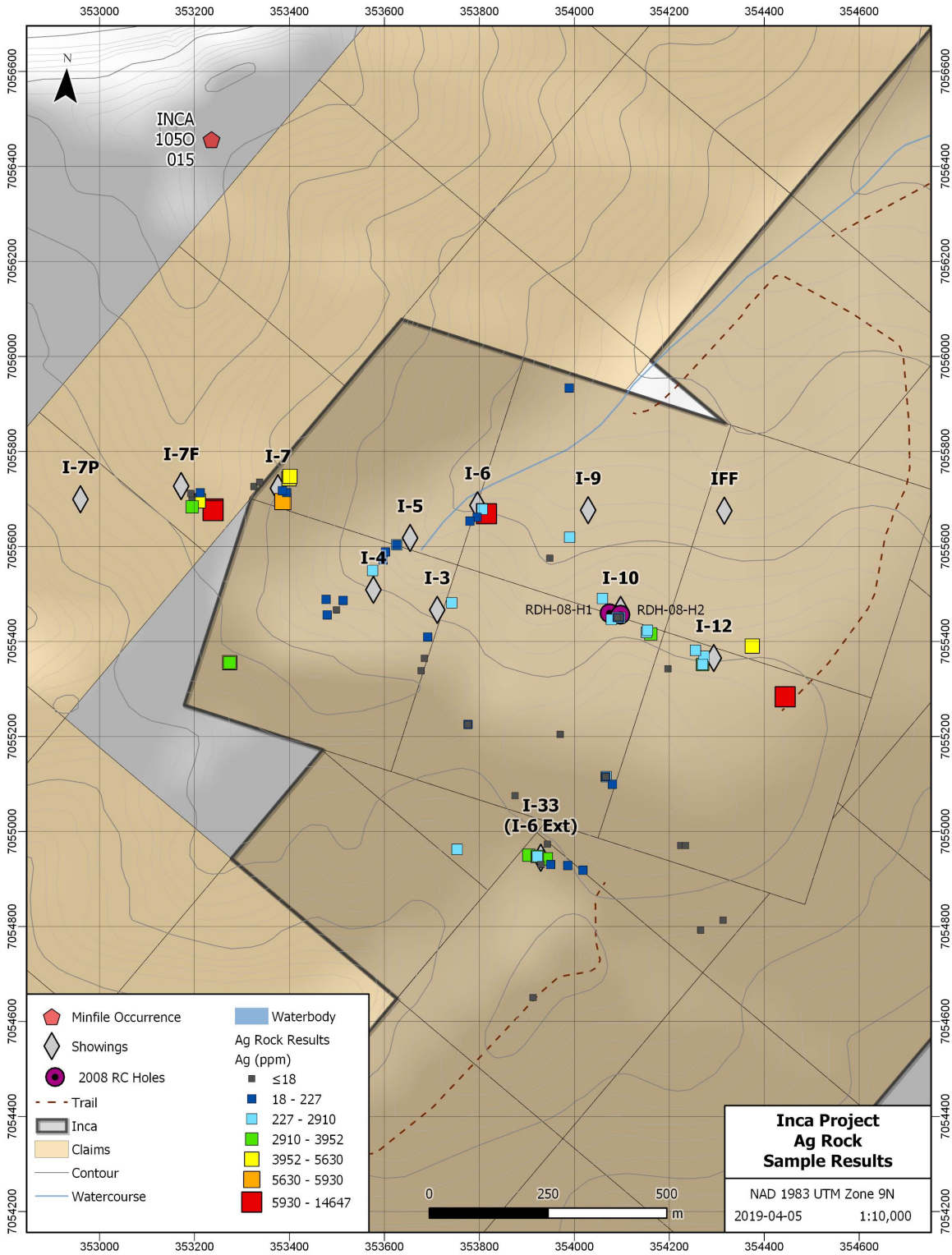
⁴ In 1985, Dawson Eldorado Exploration Ltd. changes its name to Dawson Eldorado Mines Ltd.

2.1 Inca (1050 015) Showing - Zones

The Inca showing (MINFILE 1050 015) is documented as numerous galena-bearing veins with high silver:lead ratios that are hosted in Earn Group Devonian chert, shale and chert-pebble-conglomerate. Historically, the Inca was comprised of more than 10 known veins conveniently numbered; at present, there is no known I1 or I2 vein but the I7P and FF veins – which previously were part of the property are now are held by the neighbouring ATAC claims.

Most of these veins were located by Dynasty Exploration & Atlas Exploration in the 1970s and were coincidentally trenched during this time. MINFILE reports that the best historic exposure was at the I7 zone where a 20 m-section of a steeply-dipping northwest-striking fault assayed 2,401 g/t silver and 27% lead over 1.5m. Additionally, the I12 zone is comprised of a northeast-trending fault that extends for over 40 meters, exposing a 0.3 to 0.9 m wide-lens of massive galena which historically assayed 3,773 g/t silver. As mentioned, a small high-grading program was completed in the mid-eighties and at the end of 1986 approximately 7,646 kg of ore was shipped from the No I7, I7P, I10, I12 and FF veins totaling 223,000 ounces of silver.

Figure 3. Compiled Historic Geochemical Sampling & Drilling



2.1.1 I3 & I4 Zones

According to VanAngeren (1988) the **I3 Zone** was comprised of a 25m-long X 2m-wide, rubbly (brecciated? conglomeratic?) vein exposure characterized by siderite gangue, limonite-quartz replacement with no visible sulphides. The I3 Zone may represent a breccia zone associated with a thrust fault. The hanging wall was not exposed and open to the west and the footwall was characterized by clay-bleaching of a 1m-wide (thrust?) trending 200° and dipping to the south. In general, the I3 zone is strongly anomalous in copper, manganese and mercury.

The **I4 Zone** is located 170m-west of the I3 Zone and is a 25m-long by 6m-wide manto-type quartz, iron-carbonate (siderite) replacement with disseminated galena that occurs along a potential lithological (contact?) or structural (thrust?) boundary. The I4 is a quartz-siderite-limonite replacement footwall-mineralized vein occurring at the contact of calcareous siltstone and a carbonaceous unit. Overall the showing is a true gossan; porous, rubbly and very oxidized. The footwall was not exposed when in 1988 VanAngeren measured a sheared, argentiferous, hanging-wall trending 070° and dipping to the southeast. The I4 Zone historically reported anomalous silver, iron, copper, nickel, chromium, arsenic, antimony, selenium and mercury.

VanAngeren (1988) suggested that the I3 and I4 were genetically-related despite being discrete structures. He further speculated that these two structures may consolidate at depth. The I3 and I4 zones were not visited in 2018.

2.1.2 I5 Zone, I6 & I6 Ext. (AKA: I33) Zones

According to VanAngeren (1988) the **I5 Zone** was comprised of a 60- long X 4m-wide, replacement-type silicified, sideritized breccia zone representing a northeast-trending fault hosted in carbonates. At the south-end the breccia has open-space textures and on the north-end is a rubbly quartz-siderite vein that is open to the southwest and cut by a northeast-trending fault to the north. The erratic distribution of galena has resulted in inconsistent grades of anomalous silver, lead, zinc, manganese and arsenic.

The **I6 Zone** is represented by two semi-parallel >2 m-wide siliceous, sideritized zones that are separated by a 20 m-thick body of calcareous graphitic siltstone. Similar to the I5, these two zones appear to occur in northeast-trending faults, have trace disseminated galena and may be related structures. However, unlike the I5 Zone, the I6 Zone veins are not characterized by open-space brecciation. The siltstone host-rock separating these two veins is altered, porous, oxidized, and appears to have a recrystallized appearance with numerous quartz-calcite veinlets and local disseminated anglesite. The I6 Zone is bound to the north by an east-trending clay-altered shear (the same I3 footwall shear?) and is open to the east and south. Overall the I6 zone is anomalous in silver, copper, manganese, antimony ± arsenic. It's important to note that the altered anglesite-bearing siltstone has never been tested for trace elements and thus, if treated as a whole to include not only the veins but also the mineralized central bedrock, could potentially represent a thicker mineralized ore-lens.

VanAngeren (1988) suggested that the I5 and I6 zones both represent high-level quartz-calcite replacements in faults (and potentially mantos within the graphitic-calcareous siltstone wallrock) and may actually be feeders to the I3-I4 mantos. He further noted that the I6 Zone exhibited strong similarities to Carlin or Jerritt Canyon ore zones. The I6 zone was visited in 2018, refer to sections 5.2 & 5.3 for corresponding data.

2.1.3 I10 & I9 Zones

The **I10 Zone** is a classic example of the acid-bleach cap (phyllitic-sericitic-argillic alteration) to quartz-adularia epithermal vein systems and exhibits a strong similarity to veins exposed at the 3-Aces property. Being an alteration halo, no size or grade estimates are known to exist over the 60 m-long north-south zone. The I10 is defined by two intersecting fault systems that are 1 to 2m-thick quartz-breccias with high-grade sulphide lenses of galena-sphalerite-pyrite. Wall rock is pervasively altered over 2-15m widths. The hanging wall is characterized by intense alteration (local argillic-acid leaching?) and is a 2 m-thick quartz-sericite-pyrite-stibnite body. The footwall section is represented by a 15 m-thick quartz-sphalerite stockwork with pervasive silicification and evident shearing in the concave portion of the fault. At its centre, the I10 zone is a quartz-sphalerite stockwork with micro-breccia textures. The entire I10 Zone is anomalous in silver, gold, arsenic, zinc and antimony and as a well-exposed massive ore-zone has seen the most exploration efforts in more modern times. It is important to note that veining and alteration pinch out to the south up-dip, where it is strongly enriched in antimony⁶, but is open to the north and at depth.

Tom Morgan and partners drilled two vertical rotary holes with a F110 Nodwell drill in 2008 to test the known structure comprising the I10 zone. Both drill holes were collared directly on-top of the known structure within the historic cut. As a result, the veins were tested at very shallow depths and not at depth where the grades are projected to increase. Otherwise no drilling has tested these long-known mineralized structures. Both holes were drilled to 15 feet, resulting in collection of a total of 6 chip samples comprising the 5 foot-runs. These samples were sent in for geochemical assaying (presented in **Table 3**, below) and one 5 foot-run reported 1,437 g/t Ag and 0.85 g/t Au.

Table 3. 2008 Rotary Drillhole – Select Geochemical Results

RDH	Easting	Northing	Sample	Interval_Ft	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Cu (%)	Pb (%)	Zn (%)
RDH-08-H1	353962	7055460	RDH-08-H1-01	0 - 5	1437	41.91	0.85	0.025	1.68		28.1
			RDH-08-H1-02	5 - 10	404	11.79	1.98	0.058	1.14	4.30	12.4
			RDH-08-H1-03	10 - 15	360	10.51	1.20	0.035		5.75	10.9
RDH-08-H2	354096	7055457	RDH-08-H2-01	0 - 5	34.5	1.01	0.27	0.008			
			RDH-08-H2-02	5 - 10			0.17	0.005			
			RDH-08-H2-03	10 - 15	40.2	1.17	0.10	0.003			1.21

Very little work has been completed on the **I9 Zone** and it was not visited by the author during the 2018 site evaluation. The I9 Zone sits to the north (downslope) from the I10 where the zone is open and anticipated to have higher silver-grades. As a result, in future programs it should be adequately investigated, mapped and sampled. It is unknown if the I9 Zone is related to the I10 Zone. The I10 Zone was visited during the 2018 site visit, refer to sections 5.2 & 5.3 for corresponding data.

2.1.4 I12 Zone

The **I12 zone** is comprised of a northeast-trending fault that extends for over 40 meters, exposing a 0.3 to 0.9 m wide-lens of massive galena which historically assayed 3,773 g/t silver. Very little work has been done historically on the I12 zone and as a result little is known. The vein itself is massive, cubiform galena + limonite ± tetrahedrite and appears to pinch out up-dip. The hanging wall is gouged and the footwall of the vein displays normal movement. Host rocks are intensely folded and boudinaged meta-sediments. The I12 Zone was visited during the 2018 site visit, refer to sections 5.2 & 5.3 for corresponding data.

⁶ The author notes that anomalous antimony values may demonstrate areas where veins are truncated and sheared by thrusts.

3 Regional and Property Geology

3.1 Regional Geology and Tectonic Setting

The Inca property is located on the 1:250 000 scale Niddery Lake (1050) map-sheet and the 1:50 000 scale Fango Lake map-sheet (1050/12). The original mapping was completed in 1966 by M.P. Cecile of the Geological Survey of Canada (GSC). This mapping was revisited with an accompanying cross-section in 2000 (Cecile, 2000). In 1974, Blusson mapped the Fango Lake and neighbouring Lansing map sheet which the Plata claims border. These maps were compiled and modified by Gordey and Makepeace (2003), refer to **Figure 4. Regional Geology** (page 16).

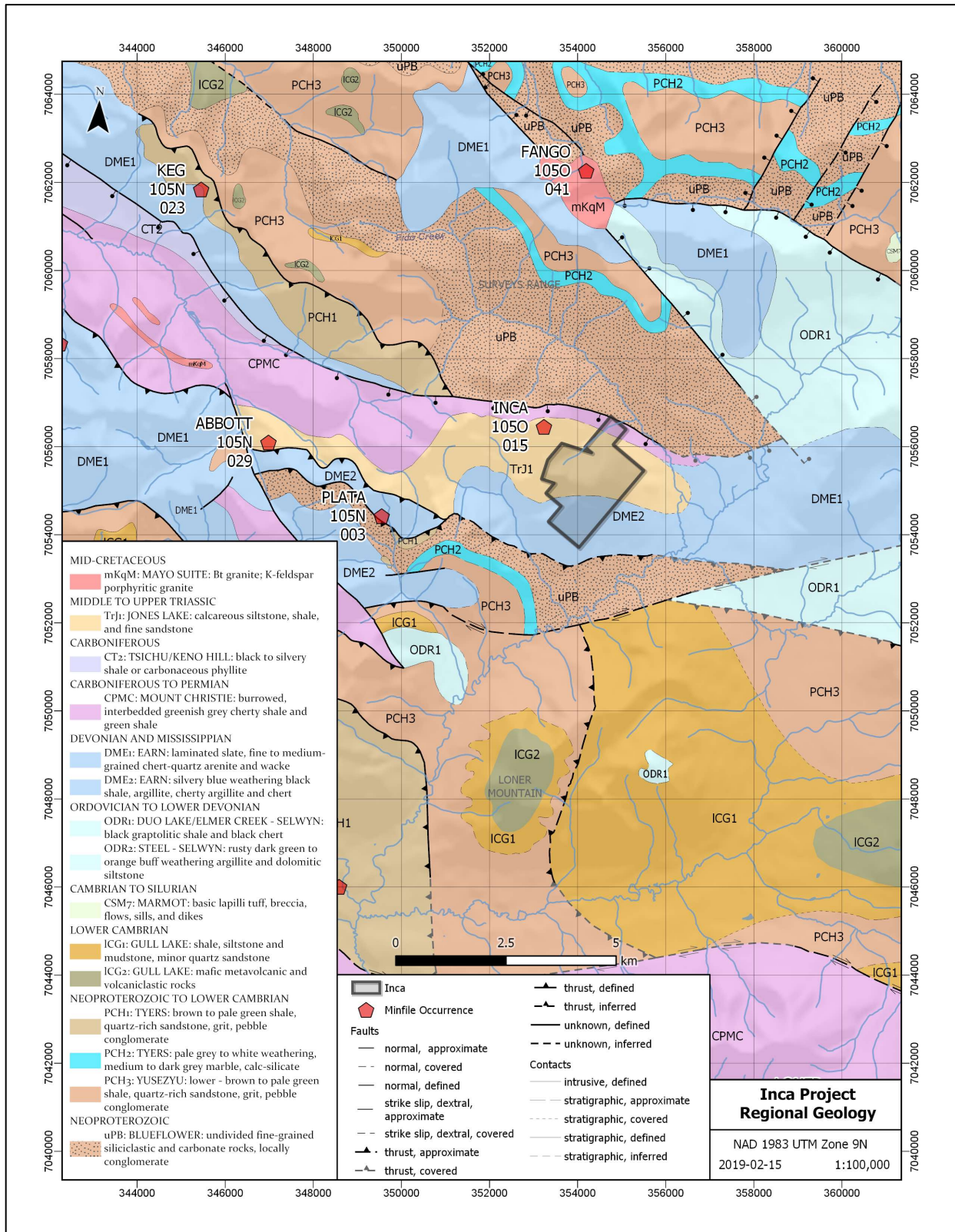
The following regional geology summary is taken from Fecova & Anderson (2012):

The Plata [and Inca properties are] located within the Selwyn Basin, a sedimentary basin that comprises deep-water clastic and pelitic sediments, chert and carbonate deposited on the continental margin from the Late Proterozoic through the Paleozoic eras.

The basal stratigraphic succession in the region is the Late Proterozoic Hyland Group, comprised of quartzite, shale and minor limestone. This group is overlain by the Ordovician to Silurian Road River Group, predominantly composed of shale and chert. During Late Devonian, extensional tectonics and local rift basins resulted in a thick accumulation of chert pebble conglomerate, siliceous shale and chert, all belonging to the Earn Group. Ongoing basin sedimentation during Carboniferous to Permian time is named the Mount Christie Group. The Triassic age shale of the Jones Lake Formation is the youngest stratified unit in the region.

Basin sedimentation ended in the middle Jurassic when an island arc collided with the western boundary of the basin, initiating a period of deformation and uplift. This was followed by widespread emplacement of middle Cretaceous granitic intrusions of the Tombstone Suite. Only narrow dykes or sills have been mapped on the Plata [and Inca properties]. The closest stock lies 17 km to the east.

Figure 4. Regional Geology



3.2 Inca Property Geology

The Plata claims were mapped in 1973 at a scale of 1:5,000 by Dynasty Exploration and provide the foundation for all further studies. It is important to note that it is extremely difficult to discern stratigraphy with certainty as similar rock types are found in each of the geologic groups. No known property-scale or detailed mapping is known to exist on the Inca property, however the following unit descriptions summarize local mapping efforts from Dynasty Exploration (1973) and Turner (2010) and Carlson (2010).

Hyland Group (PCH)

The dominant and most readily recognized lithology of the Hyland Group is a maroon and green argillite named the Narchilla Formation. This unit, along with the Yusezyu Formation tan weathering sandstone, is preserved as a thrust wedge that strikes northwesterly through the peak of Plata Mountain near the center of the claim block. A thick, cliff-forming bedded grey limestone occurring at the peak may also belong to this Group. Folding is evident in some areas within the limestone and where adjacent to high angle faults, it is strongly brecciated.

Earn Group (DME)

Earn Group is typically rusty to dark grey and black weathering shale and chert, with local grey bedded barite and nodular barite horizons. Shale is often strongly graphitic and pyritic. Sheeted and stockwork barren white quartz veining is common to the shale adjacent to faults. The most distinctive Earn Group formation is the chert pebble conglomerate which underlies the southwest part of the property. Within the central part of the claim block, dark grey to black cherty-argillite units are resistant and cliff forming. Bedding within the shale is often obscured by a steep, southwesterly dipping axial plane cleavage. The shale includes numerous distinctive carbonaceous fissile horizons.

Mount Christie Group (CPMC)

This is a monotonous sequence of orange-brown and dark grey weathering shale, siltstone and sandstone that occurs in northern parts of the property. Prior to recognition by Roots et al. in 1995, these rocks were considered part of the Earn Group.

Jones Lake Formation (TrJ)

This unit overlies the Mount Christie Group in the north-central part of the property, and comprises laminated, brown and grey weathering, fine grained calcareous siltstone and sandstone.

Tombstone Suite (KmqS)

Intrusions of the Tombstone Suite are common in the region, but the only occurrence within the property is a northwest striking, moderately dipping felsic dyke found near the Aho and Etzel zones. This intrusion ranges from 2 to 20 m thick and is typically pale orange weathering quartz- feldspar porphyry.

Table 3. Property-scale Lithological Units (modified from Turner, 2010).

MID- CRETACEOUS TOMBSTONE INTRUSIVE SUITE	
KmqS	White and rusty weathering quartz-feldspar porphyry dykes and sills
TRIASSIC JONES LAKE FORMATION	
TrJ	Interbedded orange-brown weathering olive green siliceous shale and recessive grey shale
CARBONIFEROUS to PERMIAN MOUNT CHRISTIE GROUP (CPMC)	
CPslt	Orange-brown and dark grey weathering black siltstone
CPch	Light grey weathering grey chert
DEVONIAN to LOWER CARBONIFEROUS EARN GROUP (DME)	
DME	Undifferentiated shale, siliceous shale and chert
DMEsh	Brown weathering, siliceous shale to argillite
DMEch	Minor siltstone gossanous white and yellow weathering, thin-to medium- bedded grey and black chert
DMEcpc	Conglomerate and grit with chert clasts
DMEba	Stratiform laminated barite
LOWER ORDOVICIAN TO UPPER SILURIAN ROAD RIVER GROUP (ODR)	
SSlc	Grey weathering, black to grey pyritic chert; discontinuous grey fossiliferous limestone lenses and pods
OSDsc	Calcareous, sooty black mudstone
OSDca	Calcareous black shale, siliceous argillite and chert
OSDsm	Tan-brown weathering dolomitic siltstone, limestone and calcareous mudstone
OSDgc	Black and grey banded chert, rusty brown weathering grey pyritic chert and minor chert-nodule limestone
OSDcm	Thin-bedded calcareous mudstone and silty shale
UPPER PROTEROZOIC TO MIDDLE CAMBRIAN HYLAND GROUP (PCH)	
PCHsh	Maroon, green, brown and black shale and siltstone
PCHq	Light brown weathering grit, sandstone and thin bedded sandstone interbedded with shale
PCHI	White weathering, thick bedded, grey-white limestone

3.2.1 Structural Geology

Overall, deformation is dominated by northwest trending structures interpreted to represent northeast verging, imbricated thrust faults and related folds. This deformation results in juxtaposition of units from different parts in the stratigraphic section.

Mount Christie Group rocks which wholly surround the Jones Lake Formation are cut to the north by the Arrowhead fault and to the south by the North Fango fault. The Inca showings approximate the contact between these two units towards the southern North Fango fault.

On the property-scale, three main fault trends have been recognized:

- (**F₁**?) West-trending (045°) south-dipping thrust fault (ex: Plata thrust) which juxtaposes Proterozoic and Paleozoic formations; and is laterally offset by the younger northwest and northeast-trending faults, in some instances a considerable distance.
- (**F₂**?) Northwest-trending (330° – 350°) thrust faults – which have been recognized as very important structures as mineralized veins appear to be associated with these structures and all have a common dip-direction (ex: Plata P1 & P6 veins and the Inca I10 Zone).
- (**F₃**?) Northeast (030 - 035°) trending faults, commonly steeply-dipping, that produce known displacements at lithological contacts. This set is orthogonal to the northwest trend and hosts the Plata P2 and Inca I5 & I6 Zones (high-level quartz-calcite vein replacement).

All known types of mineralization encountered on the property are closely affiliated with one of these three sets of faults. As to date, no detailed structural analysis of the property has ever been completed, this is a high-priority to better evaluate project potential and inform future testing.

4 Mineralization-Style & Deposit-Type

The Inca showing (MINFILE 1050 015) is described by the YGS as polymetallic Ag-Pb-Zn±Au veins. VanAngeren (1988) noted, that unlike the famous Keno Hill (105M) polymetallic veins, located ~165 km to the northwest, which are similarly-aged (~69-82 Ma), the mineralization observed at Plata-Inca is anomalous in gold and have an intense alteration halo. As a result, he suggested that they may be genetically-related to the Ketzá deposit which is described as a manto-Au with distal Ag-Pb-Zn±Au veins (Ketzakey deposit). However, it is important to note that Ketzá is located ~225km to the south across the Tintina fault and out of the Selwyn Basin.

It is perhaps more plausible the Plata-Inca occurrences represent distal epithermal veins genetically-related to the Anthill Resources Carlin-style mineralization⁷ observed at their Anthill project which is located ~20km north. VanAngeren (1988) noted that the I6 Zone exhibited strong similarities to the Jerritt Canyon ore zone which is distal to Nevada's famous Carlin trend.

Outside of Rackla (which comprised both the Osiris and Tiger zones), the only other known carbonate-hosted gold deposit documented in Yukon, is the past-producing Ketzá River oxide gold deposit in southeast Yukon. Several authors have suggested that Ketzá River may be an example of a gold-rich, base metal poor manto-type deposit (Fonseca, 1998; Stroshein, 1996), that formed at high temperatures (>300°C) from hydrothermal fluids derived from intrusive rocks (Thiessen *et al.*, 2011).

⁷ The Anthill property ties onto ATAC Resources Carlin-type Rackla project whereby mineralization was recently dated (Thiessen *et al.*, 2011) at 57-64 Ma.

5 2018 Work Program

A site visit was completed by Tom Morgan, the author and two senior MMG representatives on August 16th, 2018 to evaluate the pre-existing showings to delineate structural controls and design recommendations for a future work program. The I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings were visited, mapped and geochemically sampled. Four man-days total were spent on the property. This report covers the site evaluation at the Inca at a cost of \$12,644.59.

In summary, the exploration program included:

- Assessment of current conditions of on-site access and equipment
- Localized reconnaissance-mapping of the I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings
- Geochemical sampling – grabs (float and ore sac) and channel sampling
- Compilation of previously un-reported results from Tajiri Resources 2011 exploration program⁸

5.1 Assessment of Access and on-site equipment & infrastructure

A Bell 407 helicopter was utilized to access the property via Keno City. The personnel first landed on the Plata airstrip (E0647409/N7045324) to evaluate the recent 2017 forest fire burn damage, exploration-related materials left on-site (ore sacks, empty fuel drums, etc.) as well as the current conditions of the local trail networks.

The (2017) wildland fire that was centered around Fido Creek and burned ~2500 Ha, unfortunately destroying all of the existing outfitter and trapper cabins located off of the airstrip. However, on the side of the air strip are ore sacks left from the 1980s, these ore sacks were not burned. The author estimates that approximately 26-30 tons of ore is currently sacked here from what was assumed to be mostly from the P4 zone with lesser P2 and I10 veins.

The local trails that network off of the airstrip were observed from the air, all appeared to be in fair condition and would require minimal upgrading.

5.2 Localized Reconnaissance Mapping

During the 2018 program the I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 showings were visited, mapped and geochemically sampled. Mapping stations and corresponding data are listed in **Table 4**, following page.

During this exercise it was noted that the consistency and periodicity of structures may allow for testing of a potential larger mineralized structure (Plata Thrust?) at depth which may source the mineralized veins.

⁸ This compilation was not filed as part of assessment costs, as the author was unaware that Tajiri Resources had not filed their 2011 work results.

Table 4. Localized Mapping Stations

Station ID	Location	Easting (NAD83)	Northing (NAD83)	Orientation (RHR)	Description
160818LB001	I10 vein	0354096	7055458	012/42E	I10 vein - ladder Qz footwall vein into oxide Gal-Sid vein along E-W thrust.
160818LB002	I12 vein	0354273	7055369	024/72E	10-15cm-wide footwall vein with normal movement of cubiform galena + lim +/- tetrahedrite (?) in GG HW; vein pinches out up-dip. Meta-seds are intensely folded and boudinaged.
160818LB003	I6 vein	0353815	7055669	--	Siderite-replacement (mantos-like?), massive, evident thrust. Local mineralization of poddy galena (steel to cubiform) with interstitial limonite.
160818LB004	I7F vein	0353208	7055696	--	Intensely folded and boudinaged argillites-chert.
160818LB005	I7F vein	0353212	7055713	280/80N	Argillite w/ qz vn stockwork, gossan zone (OBR-purple-yellow limonite-pyrolusite) that's trending W and dipping steeply to the south.
160818LB006	I33 vein (AKA: I6 ext)	0354078	7055102	--	Outcrop along historic trench with abundant float of fg steel galena (colloform, banded) + prismatic late qz crystals.

5.3 Geochemical Rock Sampling

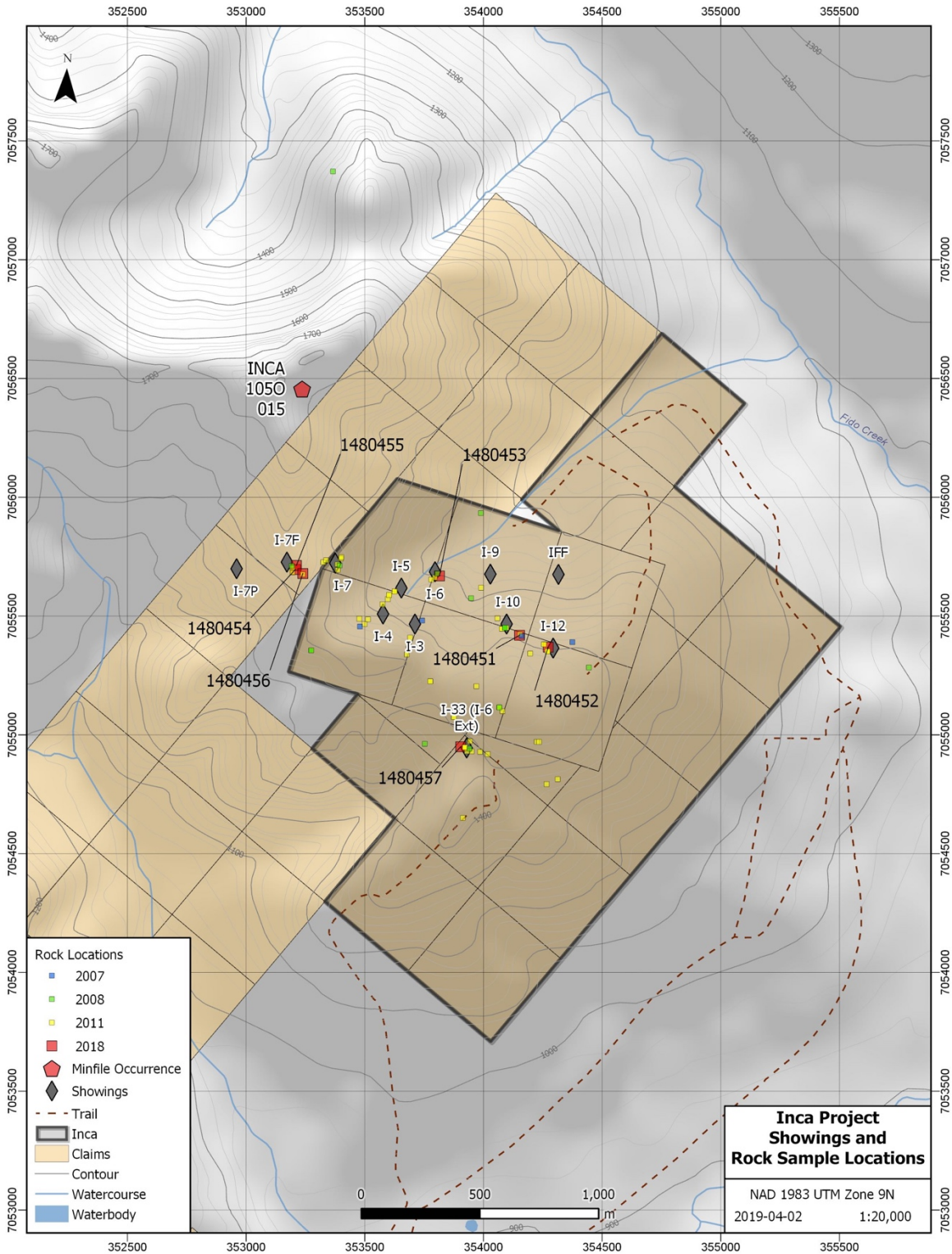
Seven rock samples of vein material were collected from outcrop, ore sacs and dump piles during the visit from the I6, I6-extension (AKA: I33 vein), I7F, I10 and I12 veins (refer to **Table 5**, below; **Figure 5**, following page; and **Appendix II** for assay certificates). Samples were sent to Bureau Veritas in Whitehorse for assaying and multiple packages were used to properly evaluate the precious metal concentrations, from low to high grade. Sample preparation consisted of crushing 70% at 10 mesh and pulverize 250 g. Sample splits of 0.5 g were then leached in hot modified Aqua Regia (partial digestion). Thirty grams of the total sample were then analysed for 36 elements using inductively coupled mass spectrometry (ICP-ES/MS) analytical technique. Samples with over limit ($\geq 0.01\%$) Cu, Pb and Zn concentrations were assayed by titration and over limit (≥ 10 ppm) Au and Ag samples were analysed by fire assay and gravimetric methods.

Geochemical sampling verified previously reported results and expectant grades.

Table 5. Summary of 2018 Rock Samples & Results

Sample ID	Location	Type	Easting (NAD83)	Northing (NAD83)	Source	Description	Ag (g/t)	Cu (%)	Zn (%)	Pb (%)
1480451	I10 vein	Grab	034152	7055419	Ore sack	Sample from ore sacs of QZ + lim + fg Gal +/- Apy; decomposed (very difficult to ID mineralogy).	2210	0.05	0.27	39.68
1480452	I12 vein	0.3 X 0.6m Panel	0354273	7055369	Outcrop	10-15cm-wide Gal footwall vein of cubiform Gal + lim +/- tetrahedrite? (in GG HW).	2890	0.29	3.94	74.40
1480453	I6 vein	Grab	0353815	7055669	Outcrop	Select grab of 'rotten' Gal + lim (OBR) +/- anglesite, chrysocolla, tetrahedrite within siderite enriched horizon. Poddy Gal mineralization is steel to cubiform with interstitial limonite.	7891	0.43	0.79	68.18
1480454	I7F vein	Grab	0353208	7055696	Ore sack	Sampled 1/4 full ore sac of cubiform c-g Gal + yellow lim clots, very rare f-g gal + OBR limonite.	4054	0.07	0.06	
1480455	I7F vein	0.3 X 0.3m Panel	0353212	7055713	Outcrop	Qz vein STW with gossan zone (OBR-purple-yellow) limonite stained oriented.	--	--	--	--
1480456	I7F vein	Grab	0353239	7055679	Dump Pile	OBR-rusty gossan dump pile material f fg to cubiform galena w/ dissolution texture, rotten with hematitic coatings.	14647	1.01	0.45	66.65
1480457	I33 (AKA: I6 Ext) vein	Grab	0353904	7054950	Outcrop	FG steel Gal with colloform/banded texture, rusty OBR lim clots, small euh prismatic Qz crystals.	2969	0.06	0.70	82.05

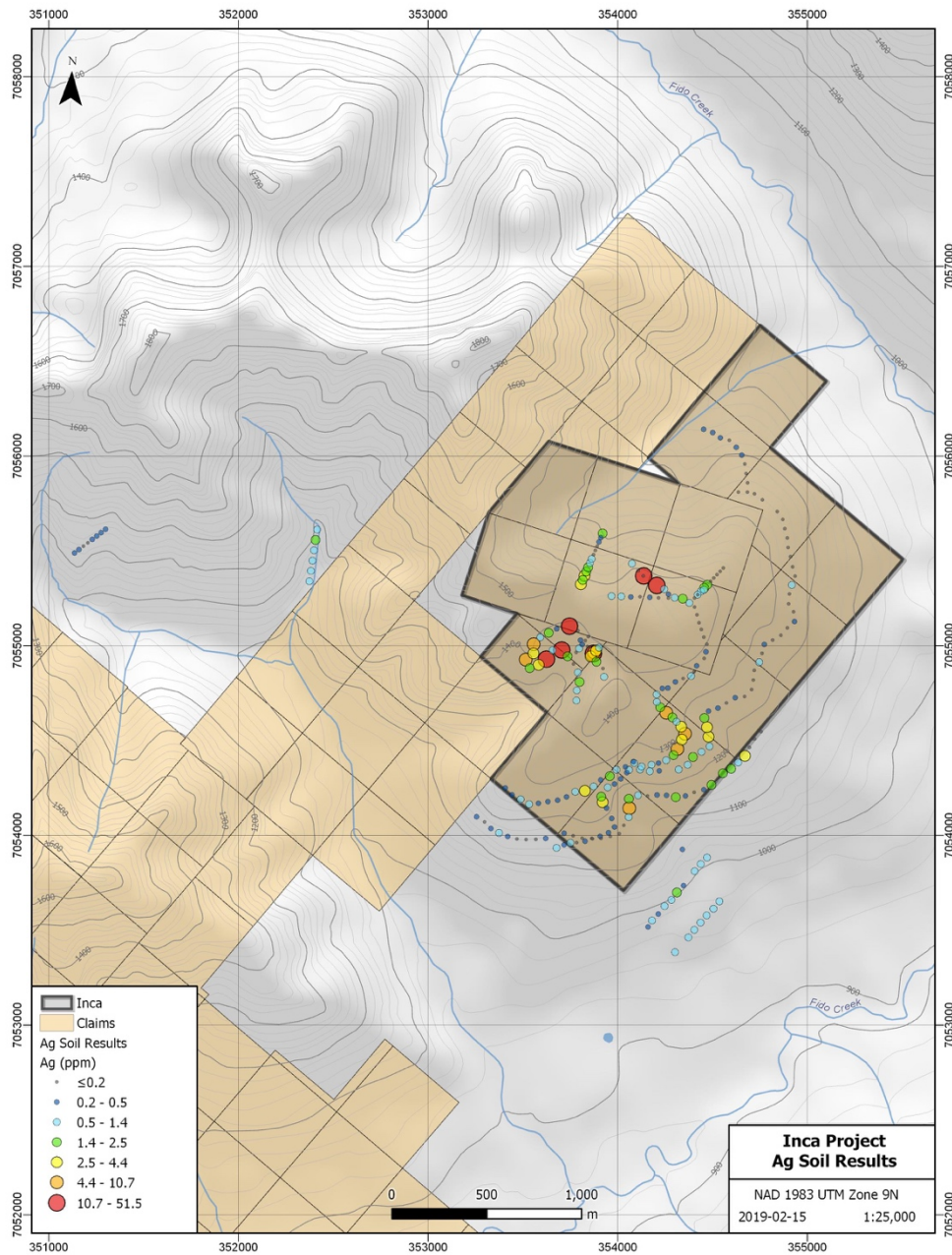
Figure 5. 2007-2018 Rock Sample locations



5.4 Compiled historical Soil Geochemistry

In January 2019, MMG obtained Tajiri Resources previously unreported results from their 2011 exploration program. Results from ridge-and-spur and contour soil geochemical sampling from 2007 to 2011 were compiled and are presented in **Figures 6-12** (following pages)⁹.

Figure 6. 2007-2011 Compiled Soil Geochemical Results – Silver (Ag)



⁹ Tajiri Resources was unable to locate the original BV Assay certificate (WHI11001886) in PDF format.

Figure 7. 2007-2011 Compiled Soil Geochemical Results – Gold (Au)

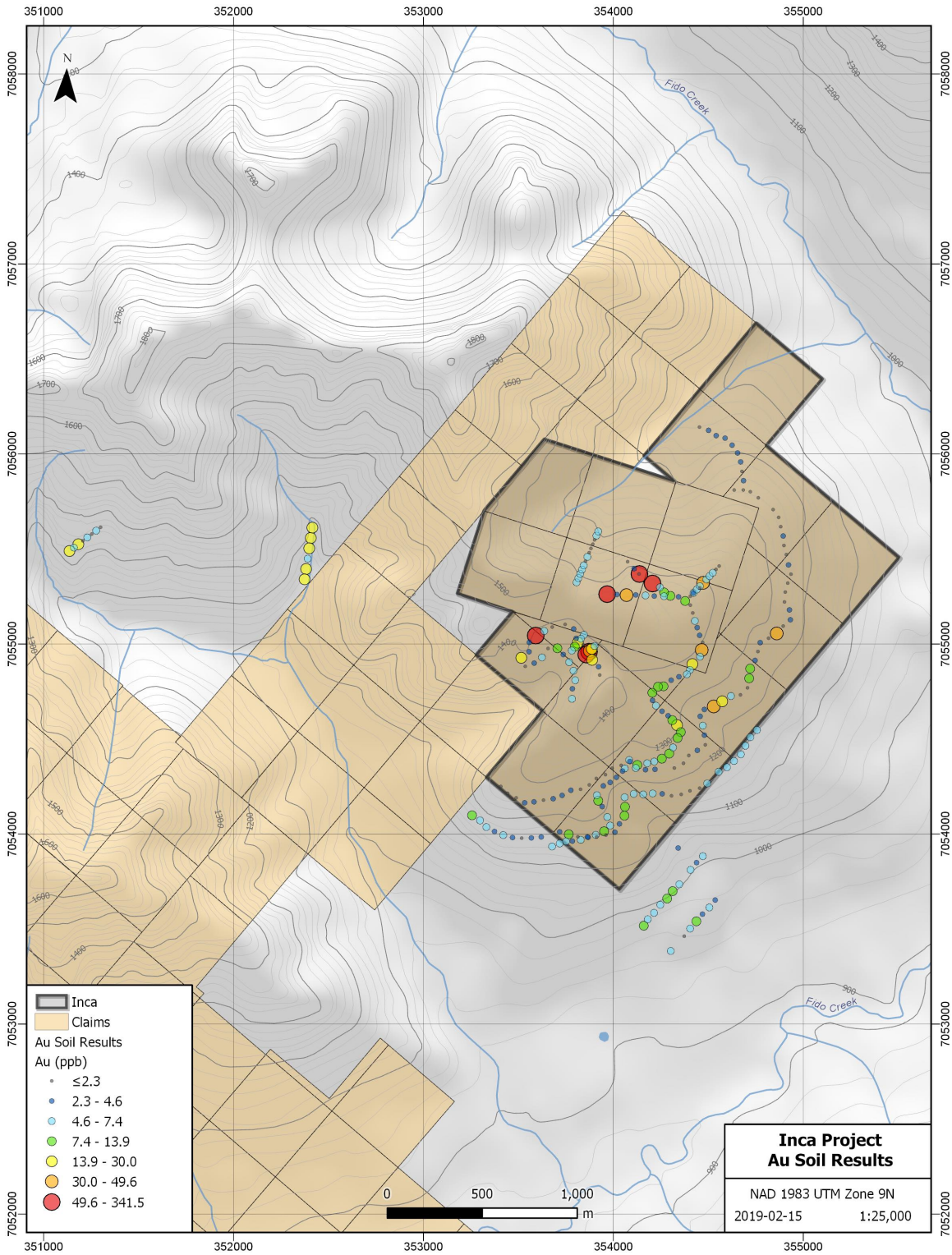


Figure 8. 2007-2011 Compiled Soil Geochemical Results – Lead (Pb)

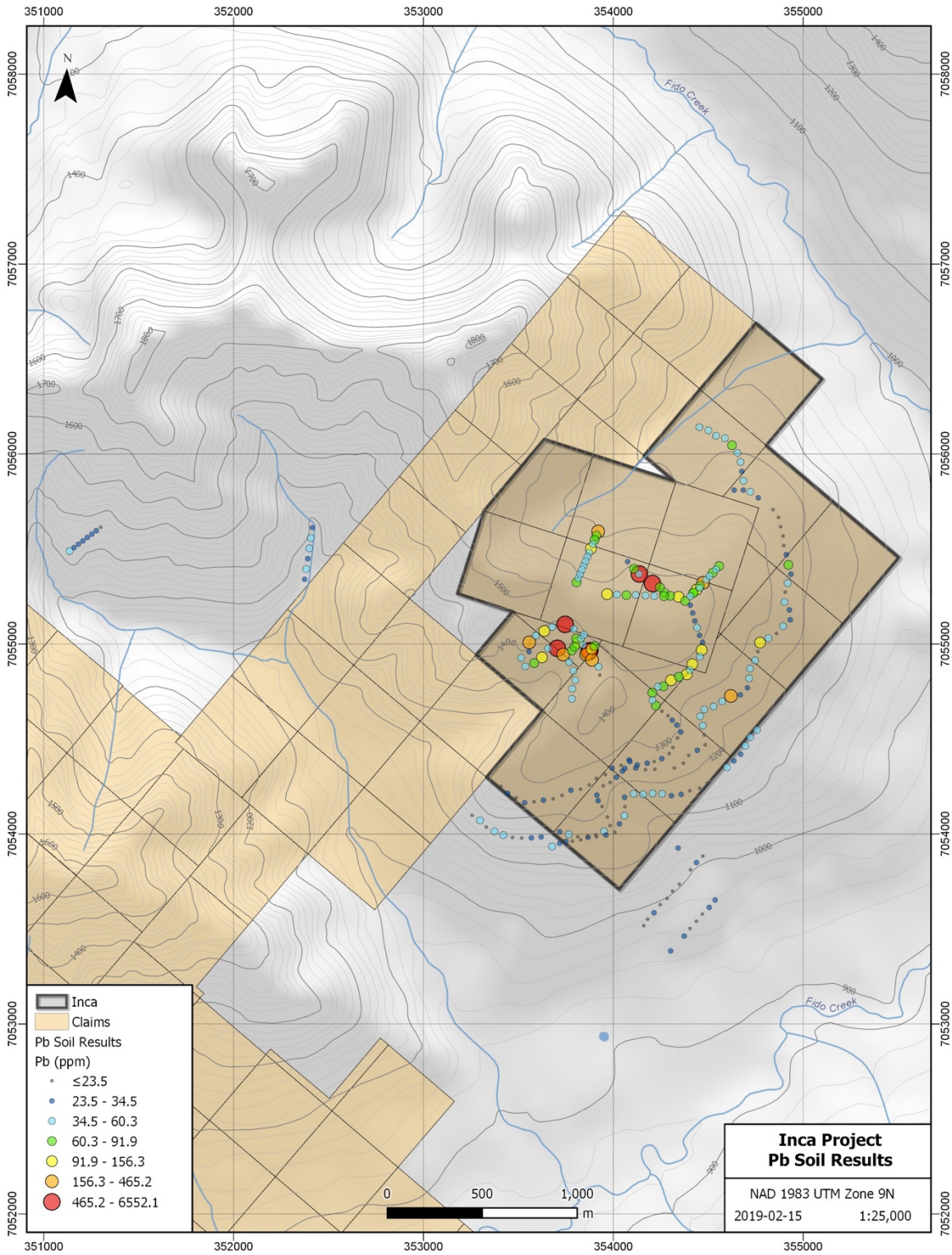


Figure 9. 2007-2011 Compiled Soil Geochemical Results – Zinc (Zn)

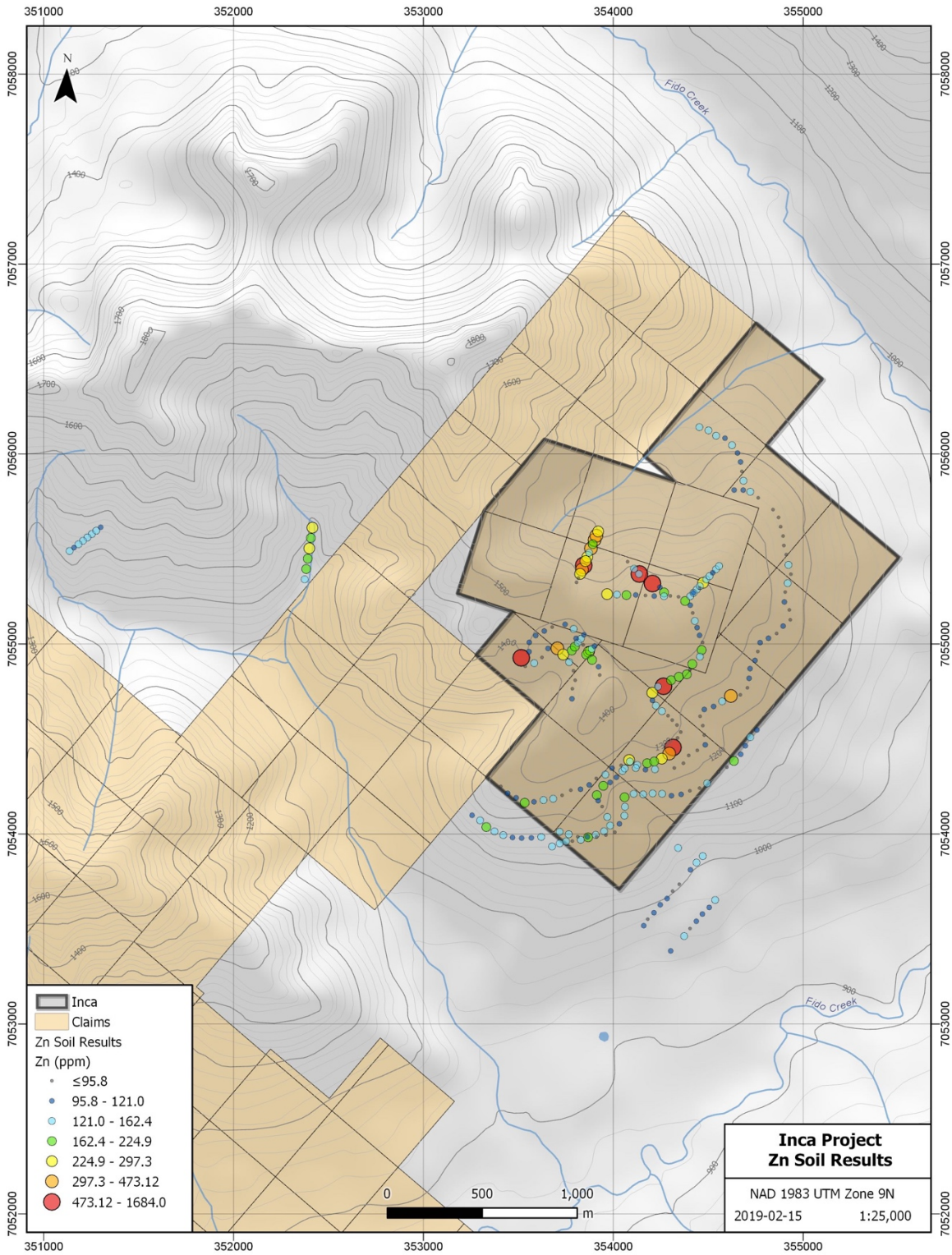


Figure 10. 2007-2011 Compiled Soil Geochemical Results – Copper (Cu)

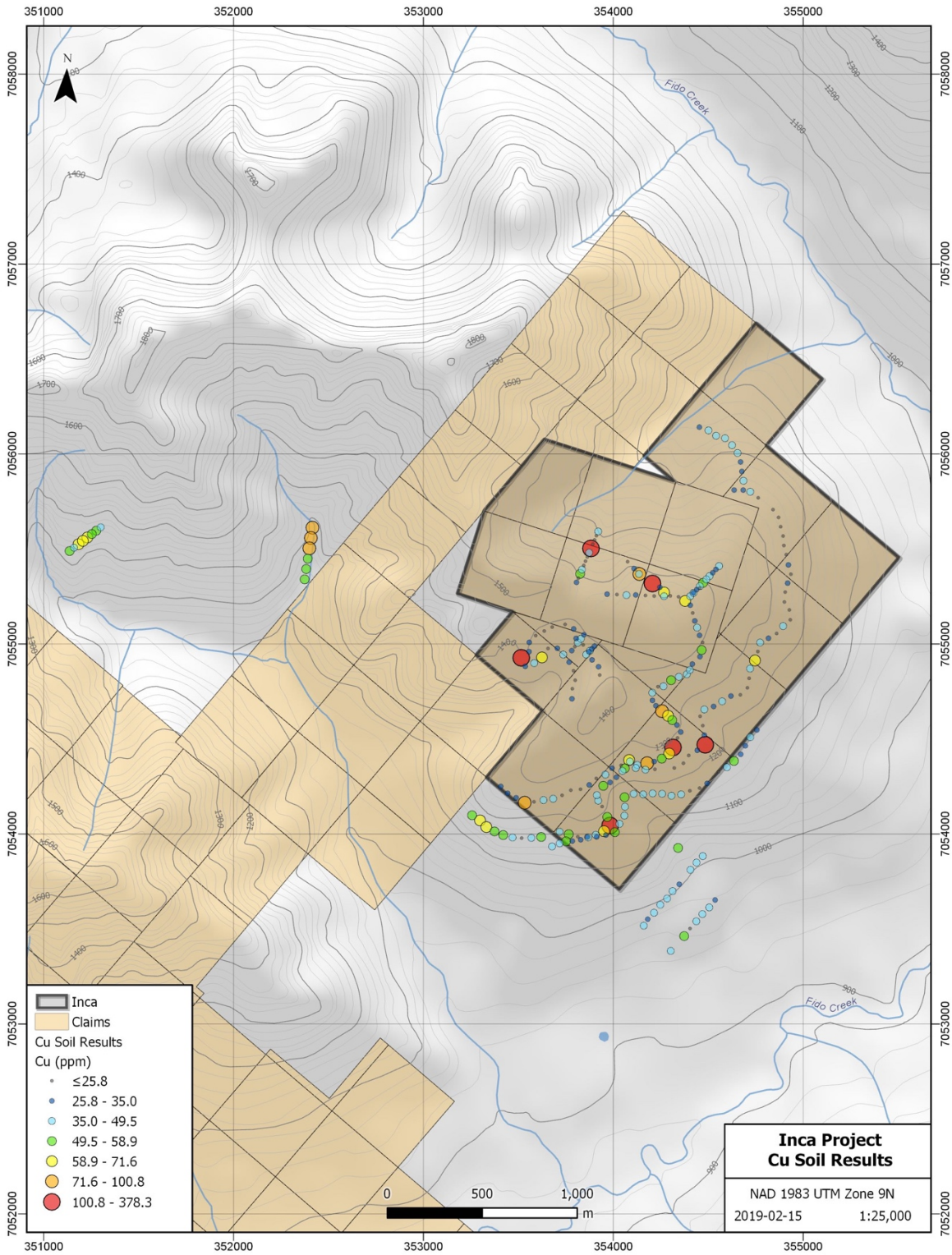


Figure 11. 2007-2011 Compiled Soil Geochemical Results – Antimony (Sb)

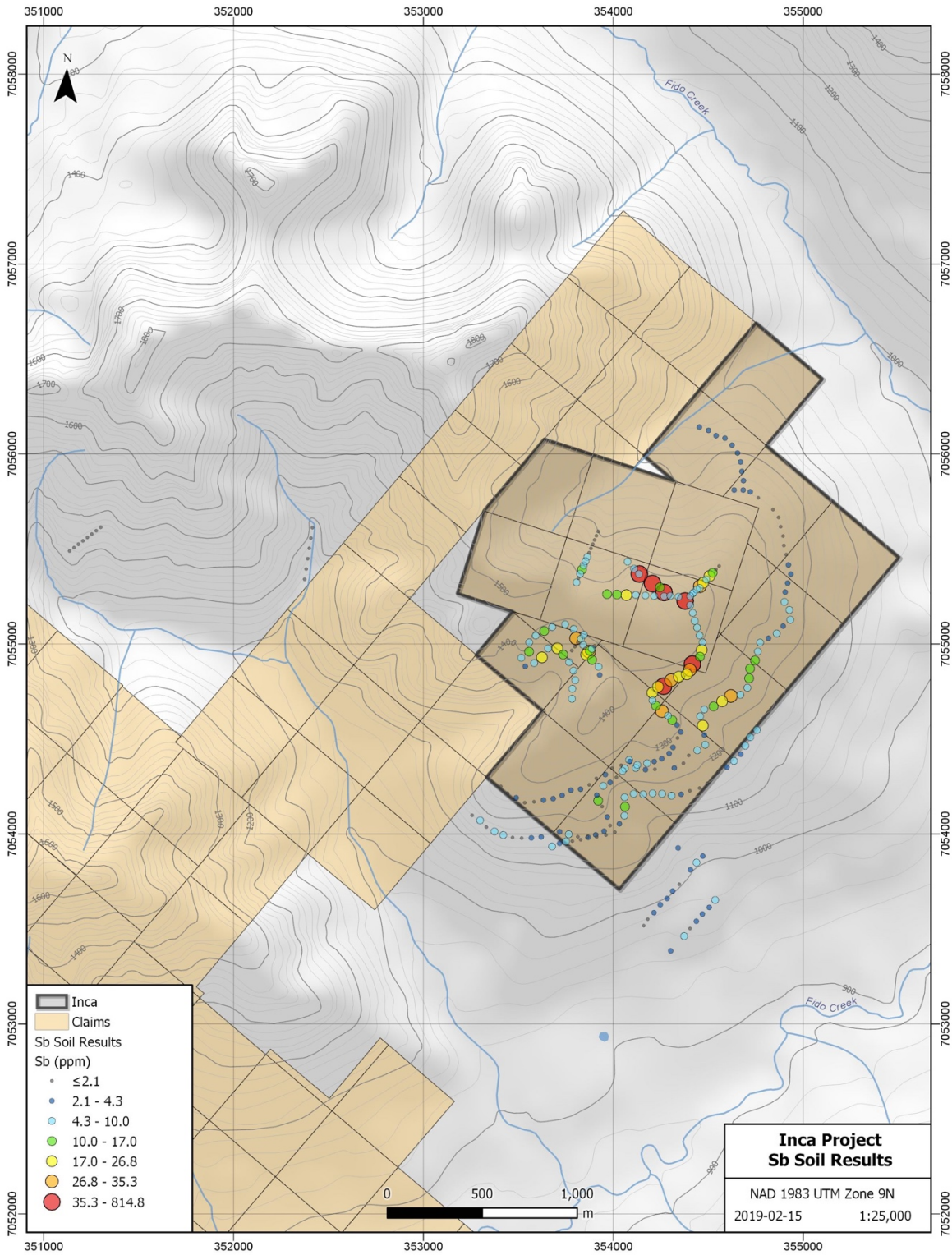
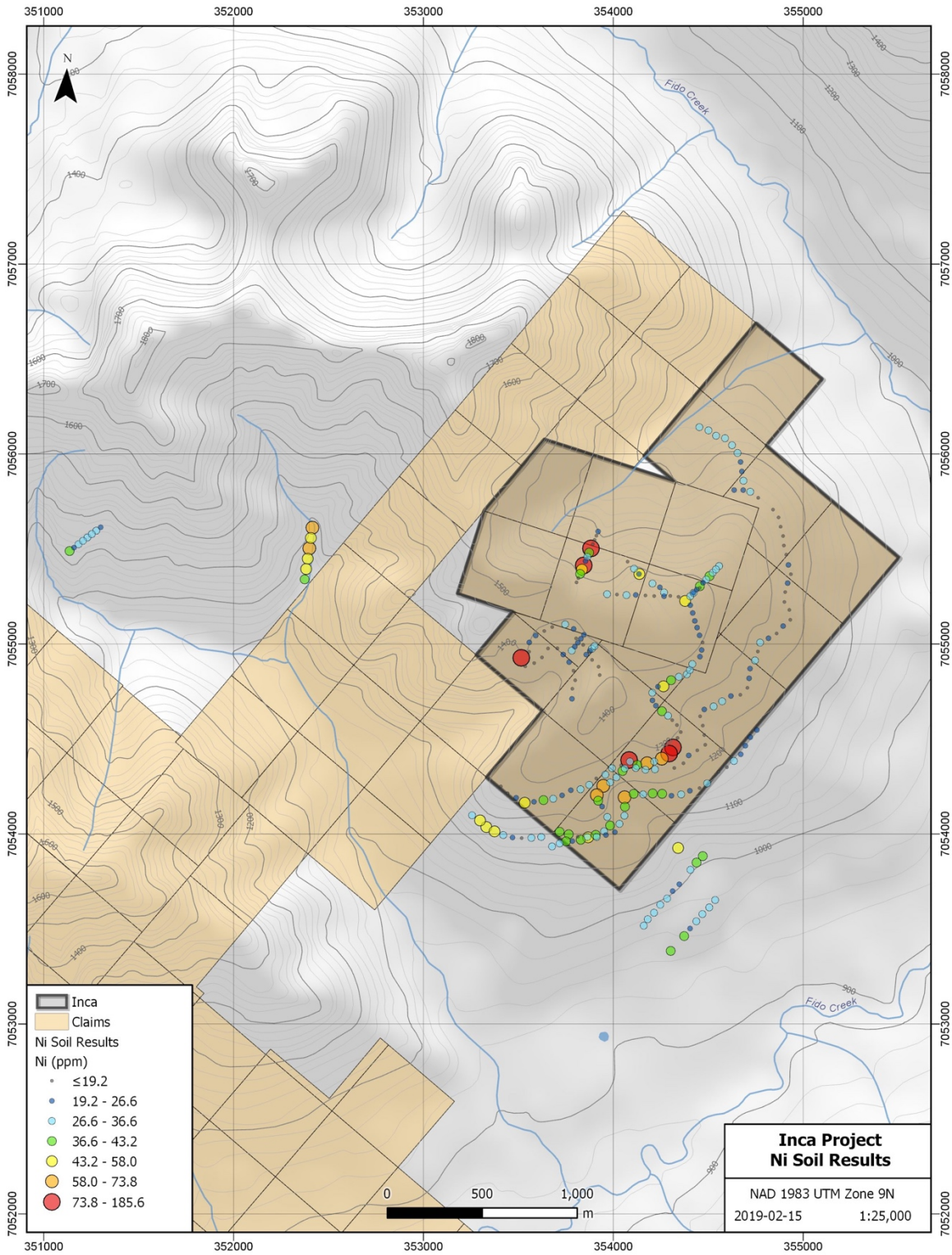


Figure 12. 2007-2011 Compiled Soil Geochemical Results – Nickel (Ni)



6 Conclusions and Recommendations for Future Work

6.1 Conclusions

Overall, the 2018 exploration site visit was successful in updating the author and staff on the current status of the Inca property. The tour allowed for a high-level overview on the vein systems at Inca to better inform laying out future targeted work programs to take the property forward.

6.2 Recommendations for Future Work

The Inca project is deemed highly prospective. As access is limited and there is no infrastructure on-site, exploration techniques utilized in recent times has been limited to localized prospecting, geochemical sampling (soil & rock) and two short RAB drill holes. The author recommends detailed geological mapping on the property-scale with follow-up and testing of the targets delineated to date. In order to adequately test the mineralization observed on the Inca property, the following recommendations are made:

- It is recommended that south of the current claim configuration, claims be staked to cover the historic access trails to allow for ease of rehabilitation and maintenance.
- Additionally, the partnership historically held the Incax claims to the north (across the thin sliver of ATAC's Inca 1-10 quartz claims), it is recommended these claims are restaked to explore potential for veins projected along the Plata Thrust and to cover anomalous soil geochemistry highlighted by the compiled Tajiri Resources 2011 soil sampling program.
- Establishing infrastructure – construction of a small, 8-10 framed wall tent camp (including a kitchen, dry and office), be constructed to facilitate effective future work programs. The estimated cost for this camp included mobilizing materials is ~\$300,000 and would require a Class III MLUP.
- Property-scale geological mapping (1:10,000-scale or less).
- If an agreement can be made with Plata claim holders ATAC Resources, bulk sample shipment of the ~ 26-30 tons of cobbled high-grade ore (from the Inca & Plata properties) located adjacent to the airstrip. This should allow for a more comprehensive geochemical study of the ore chemistry, reduce costs by dead-heading flights with demobilization of the numerous old empty fuel drums that dot the airstrip and incorporate progressive clean-up from historic programs.
- Hyperspectral surveying: after establishing and characterizing alteration related to mantos (I3/I4) vs high-level (I5/I6) and classic epithermal (I10) mineralized bodies, conduct a hyperspectral survey combined with high-resolution satellite photos already available to generate greenfield targets for prospecting and reconnaissance mapping.
- Exploring **I3-I4 Zones** via trenching and mapping along projected traces between I3 and I4 (extend I4 to west) and expose footwall and hanging wall contacts to assess the significance of bounding shears. Note alteration, silicification and elemental (pyrite, pyrrhotite etc.) zonation across the vein
- Test the **I5-I6 Zones** via cutting a trench across strike of I5 to the south and trenches across the south and east of the I6 exposures. Adequately map the proposed north fault-offset extension of I6 (*i.e.*, I6 extension, AKA: I33). Channel sample across the entire I5-I6 zone to include the siltstone body between them to adequately evaluate metallurgy and grades.

- The **I9 Zone** is downslope from the I10 Zone where it is open and anticipated to have higher silver-grades. As a result, in future programs the I9 zone should be adequately investigated, mapped, sampled and examined to test if it is related to the I10 Zone.
- Detailed structural mapping of the **I10 Zone** (including the pit floor) and follow-up on known high-grade stringers. Panel sample the largest exposure of the I10 Zone to include the hanging-wall, stockwork zone and footwall. Drill three holes (collared 25-50 m to the west) to intercept the vein-alteration zones at depth.
- VLF ground survey across main showings to add a layer of confidence in structural mapping where exposure is limited and potentially extend known locations of veins.
- Grid soil sampling to cover the entire claim package thereby creating a coherent surface geochemical map.
- If budget permits, test northwest-trending (330° – 350°) imbricate (?) thrust faults off of the main Plata Thrust with a small-track mounted RAB drill.

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8 Statement of Qualifications

I, Lauren Blackburn, of the City of Keno, in the Territory of Yukon, HEREBY CERTIFY:

1. That I am a geologist primarily based in the Yukon since 2006.
2. That I am a graduate of the University of Alberta (B.Sc. Geology, 2007).
3. That I have been engaged in mineral exploration and development and have worked on a full-time basis in Yukon Territory and Mexico since 2006 and in northern Canada (NU, NWT, YT, northern BC) since 2005.
4. That I am an employee of Metallic Minerals Corp. (2017 – present).
5. I consent to the use of this report by Metallic Minerals Corp. for such assessment and/or regulatory and financing purposes deemed necessary.

Dated at Whitehorse, Yukon Territory this 11th day of April 2019.



Lauren Blackburn B.Sc.
Metallic Minerals Corp.
PO Box 28,
Keno City, Yukon Y0B 1M1

Appendix I. Statement of Expenditures

INCA Property - 2018 Work Assessment Summary

Karl Kiehe (30%), Dan Coyne (30%) & Tom Morgan (30%)

Rogue River Area (NTS 1050/12)

For work completed Aug/16/2018

Staffing	No. of Days	Rate	Subtotal
Lauren Blackburn - Sr Geologist	1	\$500.00	\$500.00
Scott Pestel - Sr Geologist	1	\$500.00	\$500.00
Bill Harris - Prospector	1	\$500.00	\$500.00
Tom Morgan - Prospector	1	\$500.00	\$500.00
Assay Costs	No. of Samples	Cost/Each	Subtotal
Rock Samples	10	\$24.00	\$240.00
Transport - Helicopter	No. of Hours	Rate/hr	Subtotal
Bell 407 - Heli Dynamics (from Keno)	4.9	\$1,650	\$8,085.00
Transportation - Fuel	Fuel Use	Cost/L	Subtotal
Fuel - Jet A (Aug/16) - \$ 387.91/Drum	931 L	\$1.89/L	\$1,759.59
Accommodations (Keno)	Rooms	Rate	Subtotal
Silver Moon Bunkhouse	2	\$130	\$260.00
Truck Rental	Daily	Rate	Subtotal
Truck from Dawson to Keno and back	2	\$150	\$300.00
			TOTAL = \$12,644.59
Filing of Work / claim	Assessment - 2018	Amount filed Per claim	
Buck Claims 1-21 (YC57034-YC57329)	\$12,644.59/21 claims	\$602.12	

Appendix II. Compiled Rock Chemistry and Assay Certificates



2011 Rock Geochemistry - Tajiri Resources

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Tajiri Resources Corp.**
1405-409 Granville St.
Vancouver BC V6C 1T2 Canada

Submitted By: Greg Davison
Receiving Lab: Canada-Whitehorse
Received: September 11, 2011
Report Date: November 24, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS

WHI11001886.1

CLIENT JOB INFORMATION

Project: INCA
Shipment ID:
P.O. Number
Number of Samples: 217

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

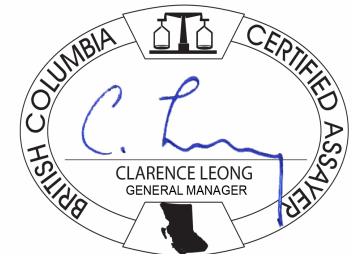
Invoice To: Tajiri Resources Corp.
1405-409 Granville St.
Vancouver BC V6C 1T2
Canada

CC: Colin Russell

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	214	Dry at 60C			WHI
SS80	214	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	214	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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 1405-409 Granville St.
 Vancouver BC V6C 1T2 Canada

Project: INCA
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

WHI11001886.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	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	
BKS1	Soil	2.7	38.6	24.3	116	0.8	40.9	14.5	805	3.25	28.4	6.5	3.6	73	0.5	2.4	0.4	36	0.51	0.076	13
BKS2	Soil	2.3	54.7	26.8	147	0.5	47.7	19.4	991	4.49	36.5	3.6	5.6	37	0.7	2.7	0.4	45	0.33	0.085	17
BKS3	Soil	4.2	52.8	23.6	137	0.7	42.0	12.7	617	3.21	26.3	2.3	3.9	52	0.7	4.7	0.3	32	0.20	0.080	8
BKS4	Soil	3.9	24.4	20.5	69	0.9	20.8	9.2	304	2.28	20.4	5.1	1.9	45	0.2	2.1	0.3	29	0.22	0.063	7
BKS5	Soil	3.7	36.8	19.0	115	0.7	28.9	10.7	277	2.72	24.0	9.2	3.4	40	0.3	3.3	0.3	30	0.13	0.077	10
BKS6	Soil	4.1	40.9	22.9	116	0.9	32.6	10.6	355	2.94	29.2	4.4	2.8	58	0.4	3.7	0.3	31	0.24	0.079	8
BKS7	Soil	4.9	44.9	27.0	121	1.1	32.3	10.7	518	2.80	31.1	4.9	2.4	64	0.6	4.1	0.3	31	0.38	0.076	7
BKS8	Soil	6.3	33.8	32.8	140	1.3	30.9	16.8	1286	3.42	34.5	4.1	2.8	55	0.7	4.5	0.3	37	0.26	0.076	9
BKS100	Soil	2.4	58.9	18.6	116	0.5	35.1	7.0	107	2.92	17.8	7.5	1.5	15	0.1	2.0	0.3	30	0.05	0.046	7
BKS101	Soil	2.5	63.9	36.5	161	0.2	48.1	16.9	361	4.08	35.4	6.7	3.1	17	0.1	4.9	0.4	25	0.06	0.052	7
BKS102	Soil	2.1	63.6	22.3	191	0.3	56.3	11.0	164	4.26	20.8	6.4	3.1	21	0.2	2.1	0.3	28	0.06	0.066	6
BKS103	Soil	3.4	58.7	45.0	147	0.7	43.7	17.5	615	3.96	37.2	3.7	5.1	55	0.4	4.9	0.4	38	0.22	0.074	10
BKS104	Soil	1.4	51.7	43.2	147	0.4	35.4	13.1	325	4.03	44.5	6.5	3.8	7	0.1	5.7	0.4	28	0.02	0.033	9
BKS105	Soil	2.1	37.3	17.0	104	0.2	22.8	6.8	196	3.89	19.9	2.4	3.1	7	<0.1	1.5	0.4	60	0.03	0.045	10
BKS106	Soil	2.2	23.9	22.0	106	0.2	19.0	6.5	254	4.77	26.1	1.2	2.5	9	0.2	1.8	0.4	67	0.03	0.061	10
BKS107	Soil	2.0	43.4	24.0	118	0.1	33.7	10.8	281	4.07	28.5	4.1	3.5	7	0.1	2.3	0.4	35	0.02	0.034	9
BKS108	Soil	2.8	52.6	27.0	127	0.4	34.7	12.8	370	3.36	25.9	3.7	3.1	32	0.2	3.5	0.4	29	0.12	0.068	9
BKS109	Soil	2.3	47.8	23.8	134	0.4	42.9	14.3	353	3.36	25.1	4.5	3.7	33	0.2	3.2	0.3	23	0.19	0.069	7
BKS110	Soil	2.2	55.9	41.6	146	0.1	43.1	20.9	626	3.74	36.6	7.5	3.5	15	0.3	4.5	0.4	25	0.04	0.053	8
BKS111	Soil	1.9	18.0	16.8	69	0.1	16.9	6.0	248	2.93	23.2	2.1	3.0	7	<0.1	1.4	0.3	61	0.04	0.030	12
BKS112	Soil	1.3	34.5	22.0	104	0.2	31.1	12.1	512	3.11	24.5	3.3	3.1	9	0.2	1.5	0.4	40	0.03	0.027	11
BKS113	Soil	1.2	27.5	18.8	77	0.2	31.0	9.1	250	2.78	18.5	2.1	3.5	9	<0.1	1.3	0.3	35	0.05	0.020	12
BKS114	Soil	2.1	29.8	23.5	95	0.2	24.0	9.9	360	3.20	25.9	2.1	4.1	9	0.2	1.9	0.3	45	0.05	0.042	10
BKS115	Soil	1.8	53.2	14.2	70	<0.1	19.5	6.2	161	2.36	19.0	2.4	2.4	7	<0.1	1.2	0.3	42	0.03	0.017	10
BKS116	Soil	2.7	35.4	24.1	106	0.2	26.8	9.6	269	3.46	27.3	2.6	2.6	15	0.1	3.8	0.3	35	0.04	0.045	10
BKS117	Soil	6.4	44.5	35.0	123	0.7	31.3	20.8	872	3.46	40.3	10.3	3.8	67	0.4	5.8	0.4	35	0.15	0.092	10
BKS118	Soil	26.6	46.7	22.7	132	5.0	38.3	3.6	123	2.29	56.0	8.4	0.6	97	1.3	12.1	0.3	55	0.09	0.100	2
BKS119	Soil	2.9	56.2	28.2	177	1.8	61.2	19.0	1305	3.38	45.4	4.9	2.5	23	0.5	4.9	0.4	18	0.34	0.078	8
BKS120	Soil	4.1	46.4	47.1	154	1.0	36.7	13.4	450	3.46	77.9	5.9	2.5	48	0.3	9.4	0.4	26	0.16	0.063	6
BKS121	Soil	3.0	44.7	42.9	137	0.2	35.6	15.5	396	3.74	76.2	5.1	3.3	17	0.2	8.9	0.4	22	0.05	0.042	7

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 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

WHI11001886.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
BKS1	Soil	23	0.39	375	0.009	3	0.99	0.012	0.09	0.2	0.13	4.5	0.1	0.05	3	2.9	<0.2
BKS2	Soil	28	0.43	377	0.012	3	1.17	0.012	0.14	0.2	0.08	6.8	0.1	<0.05	4	1.4	<0.2
BKS3	Soil	17	0.18	2016	0.007	2	0.65	0.007	0.08	<0.1	0.09	4.9	<0.1	<0.05	2	1.6	<0.2
BKS4	Soil	15	0.23	881	0.002	1	0.78	0.005	0.07	<0.1	0.15	2.4	<0.1	<0.05	2	2.6	<0.2
BKS5	Soil	18	0.21	1559	0.007	2	0.78	0.005	0.06	0.1	0.14	3.8	<0.1	<0.05	2	1.7	<0.2
BKS6	Soil	17	0.21	1542	0.007	1	0.72	0.007	0.07	<0.1	0.14	3.9	0.1	<0.05	2	2.0	<0.2
BKS7	Soil	15	0.22	1666	0.003	2	0.63	0.008	0.08	<0.1	0.15	3.7	0.1	0.09	2	3.9	<0.2
BKS8	Soil	19	0.21	1807	0.006	2	0.76	0.006	0.08	<0.1	0.15	4.0	0.2	0.06	2	2.8	<0.2
BKS100	Soil	26	0.29	132	0.010	1	0.95	0.005	0.05	<0.1	0.09	2.4	<0.1	<0.05	3	0.8	<0.2
BKS101	Soil	22	0.31	269	0.006	<1	0.92	0.005	0.05	<0.1	0.06	4.0	<0.1	<0.05	3	1.0	<0.2
BKS102	Soil	32	0.45	176	0.009	4	1.21	0.006	0.05	<0.1	0.06	3.6	<0.1	<0.05	4	0.7	<0.2
BKS103	Soil	24	0.33	2244	0.006	1	1.13	0.013	0.12	<0.1	0.12	5.9	0.1	<0.05	3	1.2	<0.2
BKS104	Soil	20	0.24	134	0.005	1	0.98	0.005	0.05	<0.1	0.04	4.0	<0.1	<0.05	3	0.5	<0.2
BKS105	Soil	25	0.20	87	0.024	<1	1.08	0.003	0.05	0.2	0.02	2.4	<0.1	<0.05	6	0.6	<0.2
BKS106	Soil	27	0.23	115	0.020	<1	1.18	0.004	0.06	0.2	0.03	2.3	0.1	<0.05	7	0.6	<0.2
BKS107	Soil	28	0.28	152	0.007	<1	1.28	0.005	0.05	0.2	0.03	3.1	<0.1	<0.05	3	1.0	<0.2
BKS108	Soil	19	0.23	1223	0.006	1	0.73	0.005	0.07	<0.1	0.06	4.0	<0.1	<0.05	2	1.3	<0.2
BKS109	Soil	17	0.25	1108	0.006	2	0.71	0.006	0.07	<0.1	0.07	4.3	<0.1	<0.05	2	1.6	<0.2
BKS110	Soil	19	0.24	139	0.006	4	0.90	0.004	0.05	<0.1	0.04	4.0	<0.1	<0.05	2	1.0	<0.2
BKS111	Soil	23	0.24	108	0.016	<1	1.21	0.005	0.05	0.2	0.02	2.3	0.1	<0.05	6	0.6	<0.2
BKS112	Soil	26	0.34	204	0.009	<1	1.31	0.006	0.06	0.2	0.05	2.6	0.1	<0.05	4	0.9	<0.2
BKS113	Soil	24	0.37	275	0.009	<1	1.32	0.005	0.05	0.1	0.02	2.6	<0.1	<0.05	4	0.5	<0.2
BKS114	Soil	25	0.34	186	0.011	<1	1.63	0.005	0.06	0.2	0.05	2.7	0.1	<0.05	4	1.0	<0.2
BKS115	Soil	20	0.25	104	0.011	<1	0.97	0.004	0.04	0.1	0.02	1.9	<0.1	<0.05	5	0.6	<0.2
BKS116	Soil	18	0.22	541	0.008	1	0.77	0.006	0.06	0.1	0.03	3.3	<0.1	<0.05	3	0.9	<0.2
BKS117	Soil	17	0.19	1654	0.007	2	0.64	0.007	0.08	0.1	0.05	3.6	0.2	0.07	2	2.8	<0.2
BKS118	Soil	15	0.02	683	0.001	1	0.27	0.010	0.09	<0.1	0.43	1.9	0.8	0.17	1	7.5	<0.2
BKS119	Soil	12	0.09	755	0.001	<1	0.72	0.007	0.10	<0.1	0.25	8.8	0.1	0.06	2	1.6	<0.2
BKS120	Soil	14	0.15	1682	0.003	1	0.55	0.007	0.08	<0.1	0.09	3.5	0.1	0.07	2	2.0	<0.2
BKS121	Soil	13	0.17	558	0.002	1	0.61	0.005	0.06	<0.1	0.04	4.3	<0.1	<0.05	2	1.0	<0.2

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Project: INCA
 Report Date: November 24, 2011

Page: 3 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI11001886.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			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	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	2	0.01	0.001	1	
BKS122	Soil		4.4	35.8	37.6	142	0.5	39.8	15.0	373	3.70	52.3	5.9	2.8	31	0.2	6.5	0.4	22	0.11	0.080	6
BKS123	Soil		4.1	42.7	54.4	152	0.3	39.1	21.8	634	4.22	43.5	3.3	3.7	23	0.2	7.1	0.4	27	0.07	0.066	8
BKS124	Soil		2.5	41.2	30.9	101	2.4	21.8	7.5	139	3.01	35.1	2.3	1.1	10	0.1	4.6	0.4	31	0.03	0.062	8
BKS125	Soil		2.7	41.5	30.8	112	0.5	28.4	13.8	595	3.20	26.2	1.8	2.6	12	0.2	2.7	0.3	34	0.05	0.039	11
BKS126	Soil		3.2	19.8	17.4	79	0.2	20.3	6.4	246	2.54	22.5	1.7	1.9	12	0.1	1.8	0.3	39	0.04	0.034	11
BKS127	Soil		3.7	18.6	16.9	61	0.4	13.7	3.7	127	2.08	19.7	0.6	1.4	12	0.1	2.0	0.3	50	0.03	0.039	11
BKS128	Soil		6.3	33.2	19.5	151	1.8	35.7	5.8	243	3.74	13.2	4.7	2.7	48	0.5	1.7	0.3	31	0.05	0.105	6
BKS129	Soil		5.1	25.6	9.3	6	2.1	1.2	0.4	11	0.47	9.0	7.4	1.2	64	<0.1	0.9	0.2	9	<0.01	0.015	2
BKS130	Soil		6.6	43.9	37.6	65	2.4	15.2	3.7	114	2.19	31.8	5.8	0.8	48	0.3	4.0	0.4	42	0.03	0.098	8
BKS131	Soil		7.8	58.3	34.5	179	0.7	35.9	13.4	529	3.85	49.6	4.7	3.7	50	1.4	8.0	0.4	56	0.15	0.102	13
BKS132	Soil		6.1	30.7	24.4	102	2.9	25.7	10.5	446	4.41	32.9	5.7	4.1	17	0.7	3.4	0.3	55	0.09	0.252	13
BKS133	Soil		0.8	34.9	37.7	100	0.2	24.5	13.5	585	3.61	65.8	5.4	3.9	18	0.2	6.5	0.5	23	0.21	0.030	9
BKS134	Soil		0.7	35.0	43.3	122	0.2	23.4	13.8	481	3.82	91.0	6.7	3.4	14	<0.1	8.6	0.4	19	0.24	0.029	7
BKS135	Soil		0.7	33.7	43.7	119	0.2	25.7	12.9	435	3.62	71.5	6.1	4.1	15	0.2	7.9	0.4	22	0.21	0.034	9
BKS400	Soil		0.8	34.9	45.4	124	0.5	26.7	12.1	423	3.40	29.8	2.1	3.1	21	0.2	2.4	0.4	26	0.35	0.060	11
BKS401	Soil		0.9	38.1	52.6	133	0.3	30.2	14.4	603	3.67	35.5	3.0	3.7	16	0.2	3.3	0.4	25	0.20	0.054	11
BKS402	Soil		0.8	35.6	52.1	124	0.5	28.8	14.1	523	3.44	32.0	3.6	3.6	17	0.3	3.0	0.4	26	0.22	0.050	12
BKS403	Soil		0.9	38.0	48.7	121	0.2	30.4	15.4	636	3.64	32.3	3.0	4.9	17	0.2	3.1	0.4	27	0.17	0.059	14
BKS404	Soil		0.9	38.6	62.8	128	0.3	31.1	16.3	740	3.65	35.4	3.1	4.4	15	0.3	3.1	0.4	25	0.14	0.056	13
BKS405	Soil		1.0	37.9	41.9	120	0.4	28.3	12.0	472	3.77	31.6	3.5	3.0	14	0.2	2.8	0.4	34	0.14	0.051	12
BKS406	Soil		0.8	32.0	35.7	112	0.2	25.6	12.6	442	3.37	26.4	2.9	3.3	10	0.1	2.5	0.3	24	0.11	0.035	10
BKS407	Soil		0.9	27.5	33.6	95	<0.1	20.3	11.5	323	3.16	29.8	2.2	2.0	5	<0.1	2.5	0.4	25	0.02	0.034	9
BKS408	Soil		0.9	35.5	45.6	125	<0.1	27.6	17.6	688	3.67	30.9	3.1	4.3	7	0.2	3.1	0.4	21	0.04	0.034	9
BKS409	Soil		1.1	27.2	30.1	99	<0.1	23.1	13.7	474	3.37	33.5	1.2	2.2	8	<0.1	3.2	0.4	28	0.04	0.036	9
BKS410	Soil		1.0	29.1	33.5	99	<0.1	24.7	14.8	480	3.71	30.5	0.6	1.9	8	0.1	2.9	0.4	26	0.05	0.044	8
BKS200	Soil		1.8	33.7	17.1	78	0.5	17.2	4.4	81	2.97	12.6	0.9	0.2	13	<0.1	1.3	0.4	51	0.01	0.071	8
BKS201	Soil		1.5	33.4	24.2	99	0.5	19.2	4.5	147	4.77	15.7	0.7	1.4	20	<0.1	1.1	0.4	43	0.02	0.095	4
BKS202	Soil		2.3	28.1	19.7	107	1.1	22.0	6.2	235	4.29	25.7	1.4	2.5	12	0.2	2.2	0.4	57	0.03	0.055	9
BKS203	Soil		1.9	96.0	34.0	194	1.1	47.9	8.2	201	5.85	21.5	4.1	1.9	12	0.1	2.1	0.4	41	0.03	0.083	4
BKS204	Soil		2.2	24.1	21.0	115	0.4	22.5	7.0	257	3.46	25.1	3.3	1.4	12	0.3	2.0	0.3	44	0.05	0.063	10

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Project: INCA
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				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	0.05	1	0.5		
				ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	ppm		
BKS122	Soil			12	0.13	1079	0.002	<1	0.49	0.006	0.06	<0.1	0.05	3.8	0.1	<0.05	1	1.2	<0.2
BKS123	Soil			18	0.25	541	0.004	<1	0.80	0.005	0.05	<0.1	0.02	4.2	<0.1	<0.05	2	1.2	<0.2
BKS124	Soil			13	0.07	173	0.003	1	0.64	0.006	0.07	<0.1	0.06	2.1	<0.1	<0.05	3	0.7	<0.2
BKS125	Soil			20	0.24	438	0.010	<1	0.91	0.005	0.07	0.1	0.03	2.7	<0.1	<0.05	3	1.2	<0.2
BKS126	Soil			20	0.24	267	0.009	<1	0.96	0.005	0.06	0.2	0.02	1.8	0.1	<0.05	4	1.0	<0.2
BKS127	Soil			15	0.09	267	0.012	<1	0.88	0.006	0.05	0.1	0.04	1.6	0.1	<0.05	5	1.0	<0.2
BKS128	Soil			18	0.17	310	0.011	2	1.11	0.009	0.06	0.1	0.12	2.5	0.1	<0.05	3	2.0	<0.2
BKS129	Soil			12	0.01	1219	<0.001	1	0.23	0.015	0.05	<0.1	0.29	1.1	0.1	0.10	1	2.9	<0.2
BKS130	Soil			16	0.09	1722	0.005	3	0.97	0.007	0.09	0.1	0.16	1.6	0.2	0.08	3	2.5	0.2
BKS131	Soil			20	0.22	3739	0.006	1	0.92	0.006	0.09	0.1	0.10	4.6	0.2	<0.05	3	2.0	<0.2
BKS132	Soil			30	0.35	416	0.008	1	1.68	0.006	0.07	0.2	0.16	3.1	0.1	<0.05	5	2.0	<0.2
BKS133	Soil			17	0.24	232	0.004	2	0.70	0.006	0.08	0.1	0.02	5.4	<0.1	<0.05	2	<0.5	<0.2
BKS134	Soil			13	0.18	154	0.003	<1	0.57	0.006	0.07	<0.1	0.02	5.1	<0.1	<0.05	2	<0.5	<0.2
BKS135	Soil			15	0.23	171	0.007	<1	0.64	0.007	0.07	0.1	0.02	4.8	<0.1	<0.05	2	<0.5	<0.2
BKS400	Soil			17	0.26	245	0.005	2	0.86	0.008	0.10	0.1	0.03	4.4	<0.1	<0.05	3	0.7	<0.2
BKS401	Soil			17	0.24	217	0.005	2	0.75	0.007	0.08	0.1	0.02	4.0	0.1	<0.05	2	<0.5	<0.2
BKS402	Soil			17	0.26	234	0.006	1	0.81	0.007	0.08	0.1	0.04	4.3	<0.1	<0.05	2	<0.5	<0.2
BKS403	Soil			17	0.28	174	0.010	<1	0.75	0.007	0.08	<0.1	0.03	4.3	<0.1	<0.05	2	<0.5	<0.2
BKS404	Soil			17	0.23	165	0.009	2	0.67	0.006	0.08	0.1	0.01	4.0	<0.1	<0.05	2	0.5	<0.2
BKS405	Soil			21	0.31	288	0.005	2	1.11	0.010	0.13	0.1	0.04	4.1	0.1	<0.05	4	<0.5	<0.2
BKS406	Soil			15	0.25	161	0.006	1	0.69	0.005	0.06	<0.1	0.02	3.2	<0.1	<0.05	2	<0.5	<0.2
BKS407	Soil			15	0.14	142	0.005	<1	0.67	0.006	0.07	0.1	<0.01	2.7	<0.1	<0.05	3	<0.5	<0.2
BKS408	Soil			14	0.20	120	0.006	<1	0.69	0.006	0.08	<0.1	0.01	3.6	0.1	<0.05	2	<0.5	<0.2
BKS409	Soil			12	0.12	136	0.005	<1	0.79	0.007	0.07	<0.1	0.02	2.9	0.1	<0.05	3	<0.5	<0.2
BKS410	Soil			15	0.18	135	0.005	1	0.88	0.005	0.08	0.1	0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
BKS200	Soil			18	0.06	121	0.012	1	0.72	0.005	0.04	0.1	0.03	0.8	0.1	<0.05	6	<0.5	<0.2
BKS201	Soil			25	0.13	129	0.005	<1	1.05	0.006	0.05	<0.1	0.05	1.7	0.1	<0.05	7	<0.5	<0.2
BKS202	Soil			31	0.25	131	0.018	1	1.33	0.005	0.07	0.2	0.04	2.2	0.1	<0.05	6	1.1	<0.2
BKS203	Soil			31	0.18	107	0.006	<1	1.15	0.004	0.04	<0.1	0.13	3.4	<0.1	<0.05	4	1.6	<0.2
BKS204	Soil			25	0.35	237	0.015	<1	1.36	0.005	0.06	0.2	0.05	2.0	0.1	<0.05	5	0.6	<0.2

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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			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	ppb	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	2	0.01	0.001	1	
BKS205	Soil		2.0	49.3	27.6	152	0.5	42.6	11.6	253	4.19	27.7	1.8	1.0	10	0.3	3.1	0.4	36	0.03	0.095	7
BKS206	Soil		3.4	38.7	22.3	126	0.3	36.3	8.4	154	3.30	37.5	3.4	0.8	12	0.2	3.7	0.3	27	0.01	0.050	4
BKS207	Soil		2.2	25.7	22.1	85	0.3	26.0	8.8	264	2.78	29.7	3.4	1.0	14	0.2	2.3	0.3	35	0.12	0.034	9
BKS208	Soil		3.5	24.2	29.9	94	1.1	26.1	7.6	376	2.96	27.2	2.9	0.9	28	0.6	2.9	0.4	53	0.04	0.060	11
BKS209	Soil		11.3	18.1	18.3	96	3.1	31.6	2.8	90	1.36	17.6	1.3	0.2	12	0.6	3.1	0.3	53	0.02	0.038	10
BKS210	Soil		2.1	32.0	14.0	105	0.8	27.8	6.1	103	2.67	15.9	1.2	0.5	6	0.1	1.9	0.3	32	0.02	0.048	8
BKS211	Soil		1.9	15.7	19.5	51	0.5	14.0	4.9	152	2.01	11.3	2.1	0.3	9	0.4	0.9	0.3	37	0.04	0.088	11
BKS212	Soil		3.0	35.6	13.8	127	2.4	36.4	7.2	111	2.64	17.6	1.1	0.2	5	0.2	2.5	0.3	29	0.01	0.061	5
BKS213	Soil		1.7	28.5	24.2	104	0.8	33.6	18.5	930	3.26	30.0	1.2	0.8	11	0.3	1.8	0.3	32	0.06	0.065	10
BKS214	Soil		2.6	20.1	20.1	68	0.4	17.7	5.5	191	2.45	23.0	2.0	0.4	21	0.1	2.1	0.3	47	0.12	0.046	10
BKS215	Soil		5.2	59.8	34.3	268	0.5	74.4	18.0	751	3.93	62.6	6.3	0.8	19	0.5	6.0	0.3	21	0.04	0.090	4
BKS216	Soil		5.5	40.7	32.3	126	0.9	30.0	7.8	274	2.72	53.4	4.7	1.6	34	0.1	5.8	0.3	23	0.06	0.061	5
BKS217	Soil		2.9	39.8	17.0	107	1.0	30.1	7.2	208	3.18	24.3	3.3	0.5	9	0.1	2.5	0.3	34	0.02	0.052	7
BKS218	Soil		2.1	24.7	15.0	124	0.3	29.8	8.9	343	2.85	21.5	3.4	2.4	9	0.2	1.7	0.3	30	0.04	0.031	9
BKS219	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS220	Soil		4.4	20.1	21.6	88	0.6	17.1	6.4	333	3.26	29.3	2.2	1.7	15	0.4	3.0	0.3	54	0.03	0.058	9
BKS221	Soil		3.8	13.2	21.6	55	0.7	12.7	2.5	57	1.91	15.1	1.1	0.1	22	0.2	1.6	0.3	40	0.02	0.047	6
BKS222	Soil		19.8	24.4	13.7	81	2.2	23.6	1.7	38	2.18	16.9	1.8	<0.1	24	0.3	2.1	0.2	45	0.02	0.076	3
BKS223	Soil		6.7	27.7	28.6	73	1.0	16.8	7.2	262	3.78	34.9	3.1	1.9	27	0.1	5.3	0.4	47	0.01	0.056	7
BKS224	Soil		4.3	101.9	22.3	114	0.8	7.6	1.9	60	6.68	23.4	1.5	0.8	21	0.1	5.7	0.7	40	<0.01	0.080	6
BKS225	Soil		8.5	33.5	12.4	25	4.1	5.4	0.4	17	0.67	6.3	4.2	2.7	79	0.6	3.6	0.2	29	0.08	0.131	16
BKS226	Soil		63.8	19.2	57.2	27	3.8	6.6	1.6	57	5.39	66.5	7.0	0.8	103	0.3	21.3	0.7	271	0.02	0.141	8
BKS227	Soil		18.5	13.0	36.5	37	1.7	7.8	2.0	57	1.54	29.2	4.0	0.2	42	0.2	7.8	0.3	56	0.02	0.104	9
BKS228	Soil		0.9	37.6	34.9	115	0.3	26.3	14.9	543	3.98	43.4	3.5	3.4	14	0.1	5.0	0.4	22	0.16	0.034	8
BKS229	Soil		0.6	33.8	48.7	112	0.3	29.3	15.0	407	3.45	303.8	31.0	2.9	11	<0.1	15.1	0.4	10	0.17	0.017	5
BKS230	Soil		0.6	36.8	50.5	126	0.2	35.9	19.1	831	3.97	225.1	17.2	4.2	12	0.2	17.8	0.5	13	0.11	0.023	7
BKS231	Soil		1.1	31.3	228.1	306	0.4	19.9	8.5	204	3.22	154.0	5.1	3.6	12	0.6	28.5	0.5	31	0.16	0.021	9
BKS232	Soil		0.9	16.5	24.3	75	<0.1	15.1	6.4	142	2.46	41.0	<0.5	0.5	5	0.1	8.6	0.5	31	0.05	0.026	7
BKS233	Soil		1.2	21.2	24.5	79	<0.1	14.5	6.6	228	3.11	67.8	0.7	1.3	4	<0.1	6.3	0.4	34	0.02	0.034	8
BKS234	Soil		1.6	20.0	58.5	101	<0.1	26.2	12.7	302	4.75	1402	9.0	1.9	7	0.2	14.5	0.5	24	0.01	0.033	6

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Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				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		
				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	
BKS205	Soil			19	0.19	108	0.010	<1	0.84	0.004	0.05	0.1	0.04	2.4	0.1	<0.05	4	0.7	<0.2
BKS206	Soil			14	0.15	157	0.004	<1	0.70	0.004	0.05	<0.1	0.02	2.0	0.1	<0.05	3	1.1	<0.2
BKS207	Soil			18	0.28	431	0.007	1	0.85	0.005	0.04	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
BKS208	Soil			22	0.31	804	0.010	1	1.06	0.007	0.07	0.2	0.06	1.7	0.2	<0.05	4	2.4	<0.2
BKS209	Soil			16	0.04	125	0.012	<1	0.44	0.004	0.05	0.1	0.05	0.5	0.2	<0.05	4	1.9	<0.2
BKS210	Soil			8	0.04	95	0.011	1	0.42	0.004	0.04	0.1	0.01	1.6	<0.1	<0.05	3	0.7	<0.2
BKS211	Soil			14	0.10	394	0.011	<1	0.92	0.008	0.06	0.2	0.05	0.9	<0.1	<0.05	4	<0.5	<0.2
BKS212	Soil			8	0.03	98	0.006	1	0.33	0.003	0.03	<0.1	0.02	0.7	<0.1	<0.05	3	0.9	<0.2
BKS213	Soil			22	0.34	231	0.009	1	1.16	0.008	0.09	0.1	0.03	2.2	0.1	<0.05	3	0.9	<0.2
BKS214	Soil			18	0.22	271	0.014	2	0.80	0.005	0.07	0.2	0.03	1.1	0.1	<0.05	5	1.2	<0.2
BKS215	Soil			14	0.07	270	0.003	<1	0.52	0.005	0.06	<0.1	0.03	2.5	0.1	<0.05	1	2.1	<0.2
BKS216	Soil			14	0.10	942	0.002	2	0.48	0.007	0.08	<0.1	0.08	2.3	0.1	<0.05	2	3.1	<0.2
BKS217	Soil			21	0.23	149	0.006	<1	0.83	0.004	0.05	0.2	0.05	1.2	0.1	<0.05	3	0.8	<0.2
BKS218	Soil			20	0.28	263	0.007	<1	0.85	0.005	0.05	0.1	0.02	1.7	<0.1	<0.05	3	0.7	<0.2
BKS219	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS220	Soil			19	0.18	266	0.013	<1	0.95	0.005	0.06	0.2	0.05	1.7	0.1	<0.05	4	1.3	<0.2
BKS221	Soil			9	0.03	204	0.006	<1	0.41	0.020	0.05	0.3	0.02	0.2	0.1	0.08	3	0.8	<0.2
BKS222	Soil			14	0.02	182	0.002	<1	0.32	0.008	0.05	<0.1	0.09	0.2	<0.1	0.08	2	4.0	<0.2
BKS223	Soil			16	0.10	293	0.004	<1	0.66	0.008	0.06	<0.1	0.04	2.3	0.2	<0.05	3	2.9	<0.2
BKS224	Soil			12	0.02	758	0.005	2	0.44	0.008	0.07	0.1	0.02	0.6	0.1	0.13	4	1.2	0.3
BKS225	Soil			13	0.01	957	0.002	3	0.35	0.005	0.07	0.1	0.18	1.0	0.5	0.08	<1	13.7	<0.2
BKS226	Soil			24	0.02	48	0.003	2	0.27	0.014	0.74	0.2	0.12	0.6	6.4	1.77	4	67.0	0.2
BKS227	Soil			8	0.03	403	0.003	<1	0.32	0.005	0.09	0.1	0.09	0.4	0.9	0.19	2	4.9	<0.2
BKS228	Soil			16	0.19	235	0.002	<1	0.65	0.007	0.08	<0.1	0.02	5.1	<0.1	<0.05	2	<0.5	<0.2
BKS229	Soil			8	0.11	109	<0.001	<1	0.33	0.004	0.07	<0.1	0.02	4.0	<0.1	<0.05	<1	<0.5	<0.2
BKS230	Soil			10	0.13	133	<0.001	<1	0.39	0.005	0.06	<0.1	<0.01	4.7	<0.1	<0.05	1	<0.5	<0.2
BKS231	Soil			13	0.16	118	0.006	<1	0.71	0.006	0.05	0.1	0.02	3.0	0.1	<0.05	3	<0.5	<0.2
BKS232	Soil			9	0.04	86	0.006	<1	0.47	0.004	0.05	0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
BKS233	Soil			10	0.04	50	0.006	<1	0.45	0.003	0.04	0.1	0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
BKS234	Soil			8	0.04	45	0.004	<1	0.39	0.004	0.05	<0.1	0.01	2.3	<0.1	<0.05	2	<0.5	<0.2

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Project: INCA
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			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	ppb	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	2	0.01	0.001	1	
BKS235	Soil		0.8	41.2	43.7	107	<0.1	21.3	11.4	480	4.71	655.3	11.4	2.1	5	0.1	11.0	0.5	28	0.02	0.029	8
BKS236	Soil		1.3	68.1	43.5	109	0.6	33.9	17.1	942	3.85	219.8	3.8	2.3	21	0.3	15.8	0.5	23	0.51	0.054	16
BKS237	Soil		1.1	23.3	20.0	60	<0.1	14.5	6.7	227	2.47	33.7	1.0	0.4	4	0.2	9.1	0.4	32	0.02	0.032	7
BKS238	Soil		0.7	35.1	106.3	116	0.4	27.3	15.7	577	3.64	40.0	2.6	2.8	6	0.2	7.0	0.4	23	0.03	0.033	9
BKS239	Soil		0.8	27.6	35.9	97	<0.1	25.9	12.4	376	3.53	23.6	2.0	4.2	5	0.1	2.7	0.4	24	0.02	0.014	10
BKS240	Soil		1.3	21.2	23.3	92	<0.1	17.2	7.9	210	3.09	46.5	40.6	1.5	5	0.1	6.3	0.4	38	0.02	0.029	9
BKS241	Soil		0.9	42.1	39.2	112	0.2	23.3	43.5	2051	4.13	26.6	1.0	1.7	9	0.4	3.5	0.7	29	0.06	0.056	7
BKS242	Soil		1.7	13.6	31.4	61	0.3	10.4	4.4	188	1.94	30.5	2.5	0.8	6	<0.1	6.6	0.4	41	0.03	0.027	10
BKS243	Soil		1.7	16.6	32.9	80	0.1	12.6	5.9	303	2.55	28.3	2.6	1.3	8	0.1	5.2	0.3	43	0.04	0.035	12
BKS244	Soil		1.2	23.7	34.6	99	<0.1	17.8	7.7	273	3.13	45.1	1.7	1.3	7	0.1	6.0	0.4	34	0.03	0.029	10
BKS245	Soil		1.6	21.1	20.4	73	<0.1	15.2	5.8	191	1.97	43.1	<0.5	0.3	8	0.1	3.1	0.3	37	0.04	0.026	11
BKS246	Soil		1.2	32.6	48.8	124	0.9	23.4	12.7	585	2.60	25.8	2.2	1.1	47	0.5	3.1	0.4	31	0.63	0.060	10
BKS247	Soil		1.5	16.0	24.3	58	<0.1	13.9	5.1	141	2.08	20.3	<0.5	0.5	6	0.1	2.8	0.4	42	0.02	0.025	11
BKS248	Soil		1.5	26.2	72.2	132	0.1	26.5	17.3	1409	3.61	36.0	2.7	1.5	19	0.2	3.5	0.4	31	0.12	0.050	9
BKS249	Soil		0.9	24.5	26.5	37	0.2	12.0	3.4	112	1.38	10.7	1.0	0.5	17	0.3	1.2	0.4	32	0.15	0.035	9
BKS250	Soil		1.6	14.0	21.7	60	<0.1	11.8	5.4	260	2.56	31.3	1.7	2.1	8	<0.1	1.8	0.5	52	0.04	0.024	12
BKS251	Soil		1.6	9.8	19.1	32	<0.1	7.5	3.8	211	1.19	12.9	2.4	1.5	7	<0.1	1.2	0.4	43	0.04	0.017	15
BKS252	Soil		1.4	15.9	21.1	53	<0.1	11.8	6.0	252	2.35	16.3	<0.5	1.2	5	<0.1	1.4	0.4	37	0.02	0.027	10
BKS253	Soil		1.8	20.2	11.2	52	<0.1	13.0	8.1	257	2.62	18.6	<0.5	0.8	4	<0.1	1.7	0.4	51	0.02	0.027	11
BKS254	Soil		0.9	4.5	13.2	18	<0.1	3.3	1.6	97	0.72	6.0	<0.5	1.1	6	<0.1	0.6	0.3	40	0.03	0.014	16
BKS255	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS256	Soil		1.2	22.9	25.0	72	<0.1	16.6	9.4	345	2.50	23.8	1.9	1.0	9	<0.1	2.1	0.3	39	0.06	0.031	11
BKS257	Soil		0.9	35.8	50.0	123	<0.1	29.2	18.5	632	3.77	41.1	1.6	2.6	5	<0.1	3.7	0.4	17	0.02	0.028	7
BKS300	Soil		1.1	36.6	61.3	137	0.2	26.5	13.3	538	4.53	125.1	4.7	1.6	6	0.1	9.6	0.4	25	0.01	0.044	7
BKS301	Soil		1.9	22.1	38.9	97	0.2	18.7	7.2	284	3.09	102.5	3.0	1.0	9	0.2	4.8	0.3	44	0.04	0.037	11
BKS302	Soil		1.4	21.1	49.5	86	0.4	14.4	6.2	252	2.64	153.6	6.9	0.5	8	0.2	7.3	0.3	39	0.03	0.034	9
BKS303	Soil		1.3	28.4	49.7	110	0.2	21.0	11.5	429	3.53	149.5	4.1	0.9	8	0.2	8.0	0.4	37	0.03	0.035	9
BKS304	Soil		1.3	35.8	82.1	164	0.3	32.8	18.8	658	4.29	1148	37.5	2.3	11	0.5	17.9	0.5	27	0.04	0.029	8
BKS305	Soil		1.6	22.0	55.9	150	1.2	17.0	6.8	215	2.04	223.1	2.8	0.5	6	0.1	15.0	0.3	30	<0.01	0.029	8
BKS306	Soil		1.5	31.7	94.9	258	1.0	29.1	13.6	805	4.21	1536	50.1	1.3	13	1.8	15.7	0.5	42	0.04	0.046	10

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CERTIFICATE OF ANALYSIS

WHI11001886.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				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		
				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	
BKS235	Soil			15	0.15	78	0.004	<1	0.64	0.004	0.05	0.2	0.01	3.6	<0.1	<0.05	3	<0.5	<0.2
BKS236	Soil			15	0.26	173	0.009	<1	0.89	0.006	0.08	0.1	0.03	6.8	<0.1	<0.05	2	<0.5	<0.2
BKS237	Soil			9	0.03	52	0.006	<1	0.35	0.004	0.04	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
BKS238	Soil			16	0.23	79	0.003	<1	0.84	0.004	0.06	<0.1	0.02	3.2	<0.1	<0.05	2	<0.5	<0.2
BKS239	Soil			16	0.26	108	0.005	<1	0.92	0.004	0.05	<0.1	<0.01	3.1	<0.1	<0.05	3	<0.5	<0.2
BKS240	Soil			11	0.05	44	0.008	<1	0.39	0.003	0.05	0.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
BKS241	Soil			14	0.11	561	0.004	<1	1.04	0.006	0.06	0.1	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
BKS242	Soil			10	0.06	55	0.013	<1	0.54	0.004	0.04	0.1	0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
BKS243	Soil			15	0.14	74	0.022	<1	0.79	0.004	0.05	0.2	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
BKS244	Soil			15	0.22	75	0.015	<1	0.76	0.004	0.05	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
BKS245	Soil			9	0.05	159	0.007	<1	0.44	0.004	0.05	0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
BKS246	Soil			18	0.36	266	0.011	1	1.04	0.008	0.07	0.1	0.04	2.5	0.1	0.05	3	<0.5	<0.2
BKS247	Soil			10	0.05	65	0.012	<1	0.52	0.004	0.05	0.2	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
BKS248	Soil			16	0.22	138	0.010	<1	0.86	0.006	0.06	0.2	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
BKS249	Soil			12	0.11	170	0.008	<1	0.82	0.006	0.06	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
BKS250	Soil			15	0.15	77	0.036	<1	0.69	0.004	0.06	0.2	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
BKS251	Soil			8	0.06	68	0.025	<1	0.48	0.003	0.04	0.2	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
BKS252	Soil			12	0.11	70	0.004	<1	0.67	0.004	0.04	0.2	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
BKS253	Soil			9	0.04	53	0.008	<1	0.37	0.003	0.04	0.2	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
BKS254	Soil			8	0.04	70	0.026	1	0.50	0.004	0.05	0.1	0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
BKS255	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS256	Soil			15	0.15	59	0.016	2	0.58	0.006	0.05	0.1	0.01	2.3	0.1	<0.05	3	<0.5	<0.2
BKS257	Soil			10	0.11	84	0.003	<1	0.64	0.005	0.07	<0.1	0.01	3.4	<0.1	<0.05	2	<0.5	<0.2
BKS300	Soil			16	0.15	80	0.004	<1	0.80	0.003	0.05	0.1	0.02	3.1	<0.1	<0.05	2	<0.5	<0.2
BKS301	Soil			25	0.28	82	0.021	<1	1.13	0.004	0.05	0.2	0.02	1.9	0.1	<0.05	4	0.7	<0.2
BKS302	Soil			18	0.15	71	0.012	<1	0.86	0.003	0.05	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
BKS303	Soil			21	0.21	84	0.011	1	0.95	0.004	0.05	0.2	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
BKS304	Soil			16	0.17	96	0.009	<1	0.68	0.004	0.05	0.1	0.01	3.9	0.1	<0.05	2	<0.5	<0.2
BKS305	Soil			7	0.02	44	0.006	<1	0.23	0.002	0.04	0.1	0.01	1.3	0.1	<0.05	2	<0.5	<0.2
BKS306	Soil			18	0.16	102	0.016	1	0.86	0.004	0.07	0.2	0.03	3.3	0.2	<0.05	3	0.7	<0.2

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Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				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	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	2	0.01	0.001	1
BKS600	Soil			2.2	30.1	58.1	113	0.6	21.3	11.8	474	3.73	94.4	4.8	1.8	12	0.1	7.9	0.3	31	0.01	0.038	6
BKS601	Soil			4.1	6.1	39.3	26	1.0	2.4	0.2	5	0.65	10.9	3.7	0.6	2	<0.1	5.5	0.2	10	<0.01	0.007	1
BKS602	Soil			4.3	21.9	41.2	91	1.6	16.9	7.3	281	2.61	46.4	4.9	1.1	27	0.1	7.2	0.3	40	0.11	0.151	8
BKS603	Soil			5.8	19.9	53.4	89	0.8	15.4	5.2	152	1.96	67.5	5.8	0.3	16	0.2	7.0	0.2	42	0.04	0.069	8
BKS604	Soil			0.9	31.9	47.0	134	<0.1	22.2	11.6	305	3.62	315.0	4.7	1.5	6	0.1	9.9	0.4	22	0.01	0.040	7
BKS605	Soil			11.0	45.8	280.8	257	2.0	22.2	7.9	252	3.08	102.5	4.6	0.7	19	0.8	14.8	0.3	35	0.03	0.090	7
BKS605A	Soil			22.1	31.7	2521	303	11.6	10.1	3.4	160	1.95	103.3	8.5	1.2	45	3.2	26.7	0.4	19	0.07	0.067	5
BKS606	Soil			9.7	19.8	45.7	101	0.8	17.8	8.1	349	2.57	36.8	1.2	0.4	10	0.4	4.7	0.3	34	0.02	0.078	8
BKS607	Soil			47.4	66.7	154.2	63	10.7	8.2	0.8	27	1.64	33.6	4.9	1.8	113	1.5	24.4	0.4	748	0.22	0.299	9
BKS608	Soil			9.6	37.5	91.9	155	2.6	16.6	3.9	100	2.98	97.6	3.1	0.2	206	0.7	6.8	0.5	50	0.03	0.118	8
BKS609	Soil			9.3	27.0	39.6	66	2.4	9.7	2.4	48	3.14	100.1	1.6	0.5	74	0.2	3.4	0.3	42	0.01	0.065	5
BKS610	Soil			3.7	176.3	39.0	621	4.9	185.6	10.7	389	9.72	120.3	15.9	1.5	44	1.8	6.0	0.8	81	0.12	0.132	5
BKS611	Soil			16.1	27.3	30.9	110	3.3	19.2	7.4	350	3.39	86.0	4.6	0.8	71	0.9	12.2	0.4	42	0.21	0.244	9
BKS612	Soil			6.6	27.6	317.8	106	6.8	21.1	10.4	413	3.97	60.3	4.0	0.7	7	0.2	10.0	0.3	30	0.02	0.048	7
BKS613	Soil			5.5	24.7	53.3	120	0.8	22.0	8.8	549	2.68	59.3	204.0	0.4	24	0.6	6.3	0.3	37	0.06	0.102	9
BKS614	Soil			14.6	14.6	134.5	107	2.2	13.3	7.5	185	2.80	54.0	5.1	<0.1	54	1.2	10.5	0.3	102	0.05	0.258	6
BKS615	Soil			1.8	25.3	45.3	87	0.5	17.9	9.6	362	3.08	39.5	1.8	0.6	6	0.2	4.5	0.4	22	0.02	0.080	8
BKS616	Soil			5.0	20.9	496.7	111	27.1	34.2	2.3	53	0.82	17.8	1.9	0.1	60	4.1	6.5	0.3	30	0.28	0.158	6
BKS617	Soil			0.9	32.2	48.1	131	0.2	24.5	14.8	623	3.57	72.4	3.3	1.8	8	0.2	7.7	0.3	22	0.02	0.032	9
BKS618	Soil			1.7	28.6	76.2	102	0.3	15.7	8.1	282	3.73	89.8	2.9	0.3	6	0.2	30.3	0.4	28	0.02	0.045	6
BKS619	Soil			1.3	23.8	45.8	95	0.2	16.4	9.1	483	3.73	72.8	1.6	0.5	8	0.1	5.2	0.3	32	0.02	0.047	8
BKS620	Soil			1.5	44.4	465.9	210	10.6	21.5	13.8	537	4.27	151.7	32.9	3.4	7	0.4	16.9	0.5	18	0.03	0.024	6
BKS621	Soil			2.6	34.6	209.3	179	2.2	14.9	9.2	414	4.29	107.9	27.0	0.6	4	0.2	16.1	0.4	22	0.01	0.042	5
BKS622	Soil			1.0	32.7	50.1	110	<0.1	18.4	11.9	435	3.91	81.6	3.8	3.2	8	0.1	9.2	0.4	22	0.01	0.022	7
BKS623	Soil			9.6	11.6	8.1	51	0.8	6.0	1.3	24	0.65	10.5	<0.5	<0.1	8	<0.1	4.2	<0.1	35	<0.01	0.027	4
BKS500	Soil			0.4	4.2	33.3	51	0.7	3.5	1.1	43	0.39	41.8	1.3	2.5	7	0.3	5.7	0.2	5	0.01	0.006	3
BKS501	Soil			2.0	32.1	71.3	155	0.2	30.1	19.2	743	4.22	92.9	2.8	1.9	7	0.1	8.0	0.5	22	0.02	0.039	7
BKS502	Soil			1.9	36.2	45.0	148	0.2	25.5	18.3	899	3.37	99.4	2.0	0.8	9	<0.1	7.7	0.6	37	0.03	0.046	10
BKS503	Soil			1.3	79.2	995.1	763	25.8	52.6	38.1	1664	6.08	2026	140.8	1.8	13	4.5	53.6	0.7	23	0.03	0.047	9
BKS504	Soil			1.1	378.3	6552	1684	51.5	32.3	20.4	1475	8.81	5453	341.5	1.1	8	4.0	814.8	0.8	26	0.02	0.052	6

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Project: INCA
 Report Date: November 24, 2011

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Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				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		
				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	
BKS600	Soil			15	0.11	124	0.004	<1	0.86	0.004	0.05	0.1	0.05	2.9	0.1	<0.05	2	1.2	<0.2
BKS601	Soil			5	<0.01	138	<0.001	1	0.14	<0.001	0.04	<0.1	0.09	0.3	<0.1	<0.05	<1	3.3	<0.2
BKS602	Soil			18	0.18	164	0.012	1	0.61	0.005	0.06	0.1	0.06	1.7	0.1	0.05	3	2.3	<0.2
BKS603	Soil			13	0.15	109	0.006	1	0.69	0.004	0.05	0.1	0.03	0.6	0.2	<0.05	3	1.1	<0.2
BKS604	Soil			10	0.05	57	0.002	<1	0.47	0.004	0.05	<0.1	0.01	2.9	<0.1	<0.05	2	<0.5	<0.2
BKS605	Soil			13	0.11	88	0.005	<1	0.68	0.003	0.05	0.1	0.05	1.6	0.5	<0.05	2	1.6	<0.2
BKS605A	Soil			7	0.05	171	0.002	2	0.30	0.003	0.08	<0.1	0.07	2.0	0.7	0.10	1	1.3	<0.2
BKS606	Soil			14	0.13	152	0.003	1	0.72	0.006	0.07	<0.1	0.03	1.0	0.2	<0.05	3	1.2	<0.2
BKS607	Soil			38	0.03	1512	0.009	8	0.71	0.005	0.30	0.6	0.36	1.6	2.1	0.23	8	33.1	0.2
BKS608	Soil			13	0.03	391	0.005	2	0.39	0.005	0.11	0.2	0.04	0.5	0.2	0.16	3	2.4	0.3
BKS609	Soil			10	0.02	248	0.009	1	0.30	0.011	0.10	0.1	0.04	0.9	0.3	0.16	2	6.3	0.3
BKS610	Soil			26	0.06	6036	0.006	3	1.47	0.003	0.06	<0.1	0.20	7.3	0.2	<0.05	3	5.7	0.8
BKS611	Soil			19	0.12	530	0.011	3	0.87	0.007	0.13	0.2	0.15	1.1	0.3	0.24	2	14.4	0.2
BKS612	Soil			15	0.11	110	0.008	<1	0.74	0.004	0.07	0.1	0.09	1.6	0.2	<0.05	3	3.8	<0.2
BKS613	Soil			15	0.15	132	0.008	2	0.72	0.005	0.07	0.1	0.03	1.1	0.3	<0.05	2	2.1	<0.2
BKS614	Soil			14	0.08	375	0.003	3	0.71	0.009	0.10	0.1	0.11	0.3	0.8	0.08	3	3.9	<0.2
BKS615	Soil			13	0.13	86	0.003	<1	0.66	0.006	0.07	<0.1	0.03	1.1	0.1	<0.05	2	0.5	<0.2
BKS616	Soil			28	0.11	280	0.001	1	0.69	0.010	0.11	0.1	0.14	0.4	0.3	0.07	3	4.1	<0.2
BKS617	Soil			13	0.12	131	0.003	<1	0.63	0.005	0.08	<0.1	0.02	2.9	<0.1	<0.05	2	<0.5	<0.2
BKS618	Soil			12	0.07	81	0.008	<1	0.61	0.006	0.05	<0.1	0.01	1.4	0.1	<0.05	3	<0.5	<0.2
BKS619	Soil			15	0.09	144	0.006	<1	0.85	0.006	0.07	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
BKS620	Soil			12	0.07	157	0.002	<1	0.45	0.004	0.05	<0.1	0.04	4.8	<0.1	<0.05	1	<0.5	<0.2
BKS621	Soil			13	0.09	62	0.004	<1	0.65	0.003	0.04	0.1	0.03	2.1	0.1	<0.05	2	0.6	<0.2
BKS622	Soil			14	0.12	124	0.003	<1	0.63	0.004	0.06	<0.1	0.01	3.8	<0.1	<0.05	2	<0.5	<0.2
BKS623	Soil			7	0.01	197	0.003	2	0.20	0.005	0.04	<0.1	0.02	0.2	0.2	<0.05	1	3.1	<0.2
BKS500	Soil			3	<0.01	78	<0.001	<1	0.16	0.002	0.06	<0.1	0.02	1.5	0.3	<0.05	<1	<0.5	<0.2
BKS501	Soil			15	0.15	75	0.005	2	0.78	0.004	0.06	0.1	0.03	3.9	0.1	<0.05	2	<0.5	<0.2
BKS502	Soil			14	0.10	90	0.014	2	0.52	0.004	0.05	0.1	0.02	2.4	0.2	<0.05	3	0.6	<0.2
BKS503	Soil			13	0.10	162	0.007	2	0.52	0.003	0.06	0.3	0.05	5.2	0.2	<0.05	2	<0.5	<0.2
BKS504	Soil			11	0.05	144	0.005	<1	0.40	0.003	0.04	0.2	0.41	4.2	0.1	<0.05	3	<0.5	<0.2

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Project: INCA
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	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	2	0.01	0.001			
BKS505	Soil	1.6	29.1	67.9	113	0.8	20.2	9.7	282	3.72	113.0	6.9	0.3	8	0.2	10.8	0.4	36	0.03	0.047	9	
BKS506	Soil	1.2	71.5	88.4	189	0.5	36.6	16.7	409	5.27	434.7	10.7	2.3	11	0.2	62.2	0.8	26	0.01	0.048	6	
BKS507	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS508	Soil	0.9	19.5	63.1	90	0.9	15.7	7.3	278	2.81	85.6	11.6	0.4	10	0.1	6.5	0.4	31	0.10	0.040	7	
BKS509	Soil	1.5	23.5	148.7	94	2.4	16.3	8.2	477	2.62	93.1	4.4	0.3	12	0.2	7.6	0.4	33	0.10	0.061	8	
BKS510	Soil	1.0	61.2	76.0	216	1.3	55.6	28.8	1701	5.44	345.3	13.9	2.4	15	0.3	35.4	0.7	21	0.19	0.061	9	
BKS511	Soil	1.5	27.3	65.8	115	1.1	23.4	10.6	302	4.13	80.6	3.2	0.8	10	0.3	6.9	0.4	39	0.08	0.039	10	
BKS512	Soil	1.6	20.0	47.4	81	0.9	15.3	6.4	230	3.29	72.0	<0.5	0.6	7	0.2	4.5	0.4	48	0.03	0.036	12	
BKS513	Soil	1.1	29.4	30.2	117	<0.1	24.0	12.1	350	4.19	93.3	0.6	1.5	8	<0.1	8.7	0.5	25	0.07	0.027	8	
BKS514	Soil	1.2	24.3	29.5	95	<0.1	21.6	10.2	425	3.18	56.9	2.1	0.7	11	0.2	8.1	0.4	35	0.07	0.036	12	
BKS515	Soil	1.3	29.9	28.7	132	0.1	25.5	11.9	378	3.76	300.6	4.7	1.4	13	0.3	8.5	0.5	33	0.13	0.037	11	
BKS516	Soil	0.6	36.1	50.3	117	<0.1	23.4	16.3	794	4.79	96.9	2.5	2.5	6	<0.1	8.2	0.5	21	0.01	0.032	6	
BKS517	Soil	0.9	32.8	29.2	102	<0.1	19.8	12.6	443	4.17	93.9	3.2	0.7	6	0.1	8.2	0.5	27	0.02	0.036	7	
BKS518	Soil	1.2	23.4	32.6	95	<0.1	17.6	8.8	448	3.65	66.2	1.4	0.7	9	0.1	6.2	0.4	37	0.04	0.043	10	
BKS519	Soil	1.3	52.0	93.9	220	0.5	24.9	16.5	1120	4.84	108.9	47.2	0.9	7	<0.1	25.1	0.5	27	0.01	0.049	7	
BKS520	Soil	1.0	25.8	52.9	132	<0.1	22.1	12.2	465	4.16	1444	6.4	0.8	9	0.2	16.9	0.5	20	0.02	0.038	7	
BKS521	Soil	0.9	30.2	117.7	224	0.3	27.0	14.4	1249	5.10	270.7	18.7	1.3	9	0.2	36.6	0.4	24	0.09	0.053	8	
BKS522	Soil	1.1	35.0	48.9	85	0.1	34.4	16.9	500	5.55	814.8	7.1	0.7	13	<0.1	27.9	0.6	17	0.03	0.046	7	
BKS523	Soil	1.1	42.9	103.3	217	0.9	35.1	22.4	1084	5.04	112.6	6.1	1.3	7	0.3	19.6	0.6	25	0.07	0.046	7	
BKS524	Soil	1.0	44.0	90.0	183	0.2	33.7	17.8	1089	5.22	146.2	3.6	1.1	10	0.3	23.8	0.5	20	0.10	0.051	6	
BKS525	Soil	0.8	51.0	96.5	204	0.4	37.1	21.2	1060	5.86	143.4	4.4	1.9	15	0.4	29.8	0.6	15	0.25	0.045	6	
BKS526	Soil	0.7	46.6	76.5	502	0.4	45.9	19.2	897	5.56	122.7	10.3	2.8	15	1.3	61.0	0.5	19	0.22	0.050	7	
BKS527	Soil	0.7	20.7	58.5	131	0.3	19.7	10.0	658	3.57	54.5	9.0	1.6	9	0.5	18.5	0.4	14	0.10	0.038	5	
BKS528	Soil	1.4	36.7	76.8	263	0.6	29.1	12.7	492	3.99	258.3	10.0	2.6	14	0.6	19.7	0.5	24	0.05	0.031	8	
BKS529	Soil	6.9	27.3	57.1	104	1.1	22.8	9.1	492	2.29	48.1	3.6	1.3	78	0.7	9.0	0.2	69	0.21	0.241	12	
BKS530	Soil	13.0	32.5	66.5	145	1.6	22.0	9.7	566	2.84	81.8	5.7	0.6	67	0.8	13.5	0.3	78	0.09	0.123	9	
BKS531	Soil	24.6	91.8	22.6	147	7.6	38.9	1.6	103	2.33	83.1	3.6	2.7	253	1.9	29.1	0.4	67	0.36	0.376	11	
BKS532	Soil	19.1	66.7	15.5	83	2.4	32.2	2.8	141	1.44	35.2	2.5	1.0	93	1.1	7.7	0.2	52	0.23	0.218	11	
BKS533	Soil	7.2	55.2	31.4	69	1.3	16.6	4.4	213	2.11	30.4	11.4	1.3	49	0.2	11.9	0.5	29	0.03	0.065	11	
BKS534	Soil	5.0	31.2	30.4	36	2.7	11.0	2.4	75	2.10	30.2	14.3	0.8	49	<0.1	4.1	0.6	33	0.02	0.040	6	

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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	
BKS505	Soil	18	0.15	87	0.011	<1	0.94	0.005	0.07	0.1	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
BKS506	Soil	15	0.10	75	0.002	1	0.56	0.003	0.07	0.1	0.02	4.6	0.1	<0.05	2	<0.5	<0.2
BKS507	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
BKS508	Soil	14	0.15	145	0.007	<1	0.75	0.005	0.05	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
BKS509	Soil	16	0.16	193	0.008	2	0.84	0.006	0.08	0.1	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
BKS510	Soil	15	0.20	316	0.003	2	0.81	0.005	0.08	<0.1	0.06	8.7	0.2	<0.05	2	<0.5	<0.2
BKS511	Soil	20	0.24	126	0.013	<1	0.99	0.005	0.05	0.2	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
BKS512	Soil	20	0.16	82	0.017	<1	1.03	0.004	0.05	0.1	0.03	1.5	0.2	<0.05	5	<0.5	<0.2
BKS513	Soil	13	0.12	148	0.004	<1	0.62	0.005	0.04	<0.1	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
BKS514	Soil	18	0.25	176	0.009	<1	1.01	0.006	0.06	0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
BKS515	Soil	20	0.31	143	0.015	2	0.84	0.006	0.06	0.1	0.02	3.7	<0.1	<0.05	3	<0.5	<0.2
BKS516	Soil	15	0.09	81	0.003	<1	0.63	0.004	0.05	<0.1	<0.01	4.0	<0.1	<0.05	2	<0.5	<0.2
BKS517	Soil	13	0.07	78	0.004	<1	0.60	0.004	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
BKS518	Soil	16	0.14	88	0.014	1	0.77	0.006	0.05	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
BKS519	Soil	14	0.06	90	0.005	<1	0.48	0.003	0.05	0.1	0.02	2.7	<0.1	<0.05	2	<0.5	<0.2
BKS520	Soil	10	0.04	93	0.005	<1	0.47	0.004	0.05	0.1	0.01	1.9	<0.1	<0.05	2	<0.5	<0.2
BKS521	Soil	14	0.11	163	0.004	<1	0.70	0.005	0.06	0.1	0.04	3.3	<0.1	<0.05	2	<0.5	<0.2
BKS522	Soil	8	0.03	83	0.004	1	0.36	0.004	0.06	<0.1	0.02	2.7	<0.1	<0.05	2	<0.5	<0.2
BKS523	Soil	13	0.10	159	0.004	1	0.66	0.005	0.06	<0.1	0.03	4.5	0.1	<0.05	2	<0.5	<0.2
BKS524	Soil	11	0.08	171	0.004	1	0.47	0.004	0.06	<0.1	0.03	4.7	0.1	<0.05	2	<0.5	<0.2
BKS525	Soil	9	0.06	196	0.002	2	0.34	0.004	0.06	0.1	0.04	7.7	0.2	<0.05	1	<0.5	<0.2
BKS526	Soil	12	0.09	170	0.005	1	0.58	0.004	0.06	0.1	0.04	7.1	0.2	<0.05	1	0.6	<0.2
BKS527	Soil	9	0.04	132	0.004	<1	0.38	0.003	0.04	<0.1	0.02	3.0	0.3	<0.05	1	<0.5	<0.2
BKS528	Soil	13	0.15	130	0.005	<1	0.61	0.004	0.05	0.1	0.02	4.7	0.1	<0.05	2	<0.5	<0.2
BKS529	Soil	18	0.23	494	0.016	2	0.92	0.005	0.07	0.2	0.08	2.1	0.3	<0.05	3	3.3	<0.2
BKS530	Soil	13	0.11	696	0.009	1	0.64	0.005	0.09	0.2	0.12	1.9	0.5	0.08	2	4.1	<0.2
BKS531	Soil	26	0.02	362	0.004	4	0.78	0.010	0.15	0.2	0.43	3.8	1.0	0.33	2	11.0	<0.2
BKS532	Soil	14	0.09	1848	0.008	2	0.97	0.004	0.08	0.2	0.41	1.5	0.6	0.09	2	8.1	<0.2
BKS533	Soil	14	0.06	1926	0.007	2	0.66	0.005	0.05	0.1	0.11	1.6	0.1	0.07	2	3.7	0.5
BKS534	Soil	11	0.03	1693	0.010	2	0.55	0.005	0.05	<0.1	0.20	1.2	0.1	0.07	3	6.8	0.5

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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			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	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
BKS535	Soil		5.1	30.6	28.8	29	5.7	8.2	2.2	94	1.30	19.0	11.9	1.4	90	0.2	2.4	0.6	18	0.02	0.032	5
BKS536	Soil		4.5	18.2	22.5	20	3.3	4.5	1.2	62	1.45	23.6	8.9	1.0	42	<0.1	1.8	0.3	23	0.01	0.033	5
BKS537	Soil		33.4	319.7	12.9	485	7.0	172.6	2.2	202	3.42	82.4	6.7	2.2	265	3.0	3.5	0.2	71	0.67	0.399	6
BKS538	Soil		7.9	64.9	19.5	340	2.1	122.3	10.2	208	4.00	33.6	10.4	1.4	87	0.6	3.5	0.3	14	0.07	0.121	3
BKS539	Soil		4.6	56.9	26.4	288	0.6	65.5	15.2	422	4.95	55.9	9.6	0.9	10	0.4	3.6	0.4	26	0.03	0.075	6
BKS540	Soil		2.9	33.9	21.0	168	0.5	32.5	9.8	373	3.56	23.4	5.3	1.5	10	0.4	2.3	0.4	36	0.04	0.064	10
BKS541	Soil		4.0	90.6	29.1	206	1.2	60.8	11.9	405	4.17	41.5	7.0	1.0	13	0.3	5.6	0.4	54	0.06	0.072	9
BKS542	Soil		4.6	44.8	26.8	143	0.9	38.2	11.4	505	3.01	53.4	9.9	0.9	27	0.4	5.4	0.3	27	0.10	0.073	8
BKS543	Soil		4.4	49.2	25.9	132	0.6	35.7	10.1	355	3.35	38.5	2.7	0.9	15	0.2	4.1	0.3	31	0.03	0.057	7
BKS544	Soil		3.6	54.2	34.5	138	0.6	35.9	14.7	607	3.81	50.1	5.4	2.7	42	0.4	5.6	0.4	32	0.15	0.069	10
BKS545	Soil		2.2	45.8	33.5	140	0.4	39.7	15.2	612	3.76	33.5	2.7	1.8	33	0.5	4.4	0.3	28	0.27	0.067	9
BKS546	Soil		1.8	28.7	24.8	96	0.5	31.6	14.0	694	3.23	34.3	4.5	1.0	12	0.3	1.9	0.3	33	0.07	0.079	10
BKS547	Soil		2.6	34.6	19.4	105	0.5	32.6	9.8	282	3.26	19.2	3.2	0.7	8	0.2	2.2	0.3	36	0.05	0.052	8
BKS548	Soil		12.7	50.2	20.0	179	1.0	59.0	7.4	166	2.84	28.1	2.9	0.7	15	0.2	4.8	0.2	17	0.03	0.070	3
BKS549	Soil		4.7	45.2	29.0	165	2.2	58.1	16.1	550	5.10	22.7	6.8	0.7	12	0.4	2.7	0.3	39	0.05	0.084	8
BKS550	Soil		47.6	46.4	33.8	110	2.9	36.7	6.1	229	3.20	87.3	13.1	0.9	64	2.0	12.9	0.5	267	0.11	0.148	7
BKS551	Soil		3.4	20.3	22.0	83	0.3	26.1	8.5	249	3.00	24.5	3.2	0.5	10	0.2	2.1	0.3	47	0.04	0.070	10
BKS552	Soil		2.8	53.2	23.4	126	0.5	33.7	12.2	359	4.55	33.6	5.2	2.3	9	0.1	2.9	0.4	41	0.03	0.055	10
BKS553	Soil		2.4	127.7	23.1	126	0.4	41.8	9.4	235	3.16	23.4	7.0	2.3	10	0.2	1.9	0.3	43	0.05	0.035	11
BKS554	Soil		3.4	70.2	45.1	143	0.4	32.1	8.1	242	3.16	56.5	10.3	0.8	8	0.2	2.8	0.3	44	0.04	0.053	9
BKS555	Soil		2.3	42.4	23.3	130	0.3	40.6	15.8	729	3.58	25.2	5.1	1.3	10	0.1	2.5	0.3	41	0.04	0.050	9
BKS556	Soil		1.4	42.4	30.8	176	0.2	52.2	16.7	483	2.83	30.4	4.6	0.7	11	0.2	2.4	0.3	24	0.04	0.042	5
BKS557	Soil		2.2	32.1	21.9	130	0.4	39.6	13.2	562	2.95	19.3	4.8	2.1	16	0.1	1.3	0.3	38	0.08	0.045	9
BKS558	Soil		1.5	29.5	16.1	95	0.1	25.7	7.5	258	3.16	19.8	3.4	2.3	8	0.1	1.6	0.3	38	0.03	0.027	9
BKS559	Soil		5.4	53.9	26.6	139	0.8	39.0	9.7	351	2.83	29.6	4.8	2.5	60	0.4	4.5	0.2	40	0.16	0.081	9
BKS560	Soil		2.9	45.0	27.6	122	0.5	34.9	13.0	452	3.43	28.6	5.7	2.6	28	0.3	3.4	0.3	30	0.13	0.065	10
BKS561	Soil		4.1	43.6	43.3	125	0.9	33.6	12.7	508	3.21	46.5	6.7	1.3	32	0.2	5.7	0.3	29	0.14	0.073	9
BKS41	Soil		2.6	46.0	22.6	104	0.4	34.0	13.5	691	3.58	35.7	10.8	3.0	43	0.2	2.1	0.4	45	0.29	0.077	14
BKS42	Soil		1.7	27.3	15.4	77	0.6	29.5	9.1	255	2.59	31.6	6.8	2.8	52	0.2	1.5	0.2	38	0.35	0.066	12
BKS43	Soil		1.9	40.8	24.8	118	0.3	36.3	14.3	741	3.44	54.4	4.9	2.9	43	0.4	2.4	0.3	39	0.29	0.074	14

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				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				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	0.05	1	0.5		
				ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	ppm		
BKS535	Soil			11	0.04	647	0.003	2	0.43	0.025	0.07	<0.1	0.24	2.7	0.2	0.18	1	17.2	0.3
BKS536	Soil			15	0.04	728	0.005	3	0.50	0.014	0.10	<0.1	0.42	1.7	0.1	0.16	2	8.4	0.3
BKS537	Soil			112	0.03	849	0.003	3	0.82	0.010	0.11	0.1	0.45	9.9	0.4	0.17	1	8.4	<0.2
BKS538	Soil			8	0.02	281	0.003	2	0.46	0.009	0.05	<0.1	0.23	4.3	0.2	<0.05	<1	3.5	<0.2
BKS539	Soil			12	0.07	208	0.005	1	0.60	0.003	0.07	0.1	0.04	2.9	0.1	<0.05	2	0.7	<0.2
BKS540	Soil			18	0.15	258	0.009	<1	0.96	0.004	0.07	0.1	0.03	2.1	0.1	<0.05	4	0.8	<0.2
BKS541	Soil			28	0.20	421	0.010	2	1.20	0.005	0.07	0.2	0.06	2.8	0.2	<0.05	4	1.7	<0.2
BKS542	Soil			15	0.12	969	0.007	2	0.65	0.006	0.08	<0.1	0.08	2.2	0.1	<0.05	2	1.4	<0.2
BKS543	Soil			15	0.11	435	0.005	<1	0.68	0.004	0.06	<0.1	0.05	2.1	0.1	<0.05	2	1.6	<0.2
BKS544	Soil			17	0.17	2099	0.005	2	0.72	0.007	0.09	<0.1	0.07	4.2	0.1	<0.05	2	1.1	<0.2
BKS545	Soil			17	0.21	1333	0.004	1	0.82	0.007	0.09	<0.1	0.06	3.9	<0.1	<0.05	2	0.6	<0.2
BKS546	Soil			20	0.24	316	0.008	1	1.12	0.006	0.09	0.3	0.04	2.3	0.1	<0.05	3	0.5	<0.2
BKS547	Soil			15	0.11	237	0.009	1	0.70	0.004	0.06	0.1	0.04	2.3	0.1	<0.05	3	0.5	<0.2
BKS548	Soil			8	0.03	166	0.004	<1	0.31	0.004	0.05	<0.1	0.06	2.8	<0.1	<0.05	1	4.5	<0.2
BKS549	Soil			16	0.15	708	0.013	1	0.79	0.004	0.06	0.1	0.16	3.3	0.3	<0.05	3	1.4	<0.2
BKS550	Soil			23	0.13	598	0.006	4	1.35	0.013	0.17	0.1	0.73	2.2	3.1	0.22	4	8.6	0.4
BKS551	Soil			20	0.21	184	0.009	1	0.98	0.005	0.07	0.2	0.05	1.6	0.2	<0.05	5	0.9	<0.2
BKS552	Soil			23	0.22	216	0.011	1	1.12	0.005	0.08	0.1	0.04	3.4	0.1	<0.05	4	1.3	<0.2
BKS553	Soil			24	0.31	214	0.009	1	1.43	0.006	0.07	0.2	0.05	2.6	0.2	<0.05	4	0.8	<0.2
BKS554	Soil			17	0.09	212	0.012	1	0.95	0.006	0.06	0.1	0.04	2.2	0.1	<0.05	4	0.9	<0.2
BKS555	Soil			25	0.23	221	0.010	1	1.16	0.005	0.08	0.1	0.05	2.8	0.1	<0.05	4	0.7	<0.2
BKS556	Soil			13	0.09	221	0.005	1	0.69	0.003	0.06	0.1	0.03	2.5	<0.1	<0.05	3	0.6	<0.2
BKS557	Soil			23	0.18	362	0.005	<1	1.44	0.005	0.07	<0.1	0.08	3.3	0.1	<0.05	4	<0.5	<0.2
BKS558	Soil			25	0.27	163	0.009	1	1.36	0.005	0.07	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
BKS559	Soil			19	0.19	2920	0.009	2	0.70	0.006	0.07	<0.1	0.07	3.2	0.1	0.06	2	2.1	<0.2
BKS560	Soil			20	0.21	1500	0.006	2	0.82	0.007	0.09	<0.1	0.08	3.6	<0.1	<0.05	2	1.2	<0.2
BKS561	Soil			19	0.18	1299	0.004	2	0.82	0.007	0.10	<0.1	0.09	2.9	0.1	<0.05	2	2.2	<0.2
BKS41	Soil			27	0.31	559	0.005	1	1.31	0.008	0.13	0.1	0.11	4.1	0.1	<0.05	4	0.6	<0.2
BKS42	Soil			23	0.36	464	0.009	2	1.08	0.011	0.12	0.2	0.11	3.1	0.1	<0.05	3	<0.5	<0.2
BKS43	Soil			23	0.34	529	0.012	2	1.01	0.009	0.13	0.1	0.07	3.7	<0.1	<0.05	3	1.1	<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	ppb	ppm	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	
BKS44	Soil	3.7	44.7	23.1	99	1.0	33.9	11.6	636	3.10	37.1	6.7	2.2	51	0.4	2.5	0.3	37	0.28	0.074	13
BKS45	Soil	4.7	44.5	21.7	108	1.2	32.6	8.9	393	2.86	30.9	7.6	2.2	71	0.3	3.1	0.3	27	0.34	0.059	9
BKS46	Soil	3.7	45.0	16.6	80	1.8	25.1	7.0	370	2.35	24.2	7.6	1.4	111	0.4	2.3	0.3	30	0.62	0.067	8
BKS47	Soil	2.5	26.9	22.6	91	0.3	24.5	12.7	698	3.35	32.6	6.3	3.3	64	0.3	2.0	0.4	47	0.58	0.064	14
BKS49	Soil	4.6	37.4	23.0	121	1.0	31.0	9.9	412	2.57	29.8	6.8	1.7	52	0.7	3.9	0.3	31	0.35	0.070	7
BKS50	Soil	3.0	43.1	27.6	129	0.8	37.0	14.8	666	3.70	30.9	4.3	3.4	60	0.4	4.3	0.3	35	0.42	0.054	11
BKS51	Soil	4.3	42.9	20.3	126	1.2	38.7	11.7	371	3.15	35.0	5.8	2.5	56	0.7	3.5	0.3	30	0.40	0.070	8



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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	0.1	0.05	1	0.5	0.2
BKS44	Soil	22	0.25	718	0.006	2	1.05	0.009	0.12	0.1	0.13	3.7	<0.1	<0.05	3	1.0	<0.2
BKS45	Soil	17	0.21	531	0.006	3	0.72	0.008	0.10	<0.1	0.15	3.3	0.1	<0.05	2	1.3	<0.2
BKS46	Soil	19	0.27	564	0.004	3	0.91	0.007	0.11	0.1	0.18	3.7	0.1	<0.05	3	2.1	<0.2
BKS47	Soil	22	0.38	465	0.010	4	1.17	0.007	0.11	0.2	0.07	3.6	0.1	<0.05	4	1.0	<0.2
BKS49	Soil	15	0.18	1859	0.004	2	0.64	0.006	0.08	<0.1	0.13	3.0	0.1	<0.05	2	2.0	0.2
BKS50	Soil	20	0.28	2528	0.005	2	0.88	0.009	0.11	<0.1	0.11	4.8	0.1	<0.05	3	1.9	<0.2
BKS51	Soil	18	0.21	2247	0.004	1	0.73	0.006	0.09	<0.1	0.16	3.9	0.1	<0.05	2	1.5	<0.2



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Project: INCA
 Report Date: November 24, 2011

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI11001886.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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																					
BKS100	Soil	2.4	58.9	18.6	116	0.5	35.1	7.0	107	2.92	17.8	7.5	1.5	15	0.1	2.0	0.3	30	0.05	0.046	7
REP BKS100	QC	2.4	58.7	18.1	114	0.5	34.2	7.1	106	2.87	17.9	9.0	1.5	15	0.1	2.0	0.3	29	0.05	0.046	7
BKS117	Soil	6.4	44.5	35.0	123	0.7	31.3	20.8	872	3.46	40.3	10.3	3.8	67	0.4	5.8	0.4	35	0.15	0.092	10
REP BKS117	QC	6.2	43.2	33.0	118	0.7	31.1	19.3	833	3.25	38.6	3.2	3.3	63	0.4	5.2	0.3	33	0.15	0.087	9
BKS402	Soil	0.8	35.6	52.1	124	0.5	28.8	14.1	523	3.44	32.0	3.6	3.6	17	0.3	3.0	0.4	26	0.22	0.050	12
REP BKS402	QC	0.8	35.1	51.3	121	0.5	29.4	13.9	526	3.43	30.5	4.0	3.4	17	0.2	2.9	0.4	27	0.22	0.052	12
BKS206	Soil	3.4	38.7	22.3	126	0.3	36.3	8.4	154	3.30	37.5	3.4	0.8	12	0.2	3.7	0.3	27	0.01	0.050	4
REP BKS206	QC	3.5	39.2	21.1	126	0.3	35.6	8.3	154	3.31	36.4	3.6	0.9	12	0.2	3.8	0.3	27	0.01	0.052	4
BKS222	Soil	19.8	24.4	13.7	81	2.2	23.6	1.7	38	2.18	16.9	1.8	<0.1	24	0.3	2.1	0.2	45	0.02	0.076	3
REP BKS222	QC	21.0	24.9	14.0	82	2.3	24.2	1.9	38	2.21	17.1	1.2	<0.1	23	0.3	2.1	0.2	46	0.02	0.075	3
BKS240	Soil	1.3	21.2	23.3	92	<0.1	17.2	7.9	210	3.09	46.5	40.6	1.5	5	0.1	6.3	0.4	38	0.02	0.029	9
REP BKS240	QC	1.1	20.3	23.2	92	<0.1	16.6	8.1	204	3.07	47.0	1.7	1.5	5	0.1	6.4	0.4	37	0.02	0.028	9
BKS254	Soil	0.9	4.5	13.2	18	<0.1	3.3	1.6	97	0.72	6.0	<0.5	1.1	6	<0.1	0.6	0.3	40	0.03	0.014	16
REP BKS254	QC	0.8	4.5	12.7	18	<0.1	3.2	1.7	97	0.70	6.4	0.6	1.1	6	<0.1	0.6	0.3	40	0.04	0.015	16
BKS615	Soil	1.8	25.3	45.3	87	0.5	17.9	9.6	362	3.08	39.5	1.8	0.6	6	0.2	4.5	0.4	22	0.02	0.080	8
REP BKS615	QC	2.1	25.8	45.3	88	0.5	17.4	9.9	368	3.10	40.3	1.7	0.4	7	0.1	4.5	0.3	22	0.01	0.082	7
BKS504	Soil	1.1	378.3	6552	1684	51.5	32.3	20.4	1475	8.81	5453	341.5	1.1	8	4.0	814.8	0.8	26	0.02	0.052	6
REP BKS504	QC	1.2	378.9	6623	1698	52.8	33.1	20.1	1478	8.62	5440	326.8	1.2	8	3.9	833.3	0.8	25	0.02	0.054	6
BKS529	Soil	6.9	27.3	57.1	104	1.1	22.8	9.1	492	2.29	48.1	3.6	1.3	78	0.7	9.0	0.2	69	0.21	0.241	12
REP BKS529	QC	7.1	27.3	56.7	106	1.2	23.9	9.2	493	2.33	47.3	2.2	1.5	75	0.8	9.1	0.2	72	0.20	0.255	12
BKS541	Soil	4.0	90.6	29.1	206	1.2	60.8	11.9	405	4.17	41.5	7.0	1.0	13	0.3	5.6	0.4	54	0.06	0.072	9
REP BKS541	QC	3.8	88.9	28.6	207	1.2	58.2	12.2	399	4.13	41.4	8.4	0.9	14	0.4	5.4	0.4	52	0.06	0.072	9
BKS557	Soil	2.2	32.1	21.9	130	0.4	39.6	13.2	562	2.95	19.3	4.8	2.1	16	0.1	1.3	0.3	38	0.08	0.045	9
REP BKS557	QC	2.1	33.7	21.9	130	0.5	40.0	13.2	601	3.10	19.9	3.8	2.1	17	0.1	1.3	0.3	39	0.08	0.046	9
Reference Materials																					
STD DS8	Standard	13.7	113.1	130.4	316	1.9	38.6	7.7	635	2.50	26.0	116.6	7.4	69	2.6	5.4	6.6	44	0.73	0.081	15
STD DS8	Standard	12.2	103.1	112.9	293	1.7	36.0	6.9	579	2.25	23.1	100.0	6.5	65	2.0	4.8	6.1	39	0.64	0.076	15
STD DS8	Standard	14.2	114.8	121.6	312	1.9	40.6	7.7	633	2.48	25.5	107.7	6.4	70	2.2	5.7	6.2	45	0.79	0.078	18

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QUALITY CONTROL REPORT

WHI11001886.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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																	
BKS100	Soil	26	0.29	132	0.010	1	0.95	0.005	0.05	<0.1	0.09	2.4	<0.1	<0.05	3	0.8	<0.2
REP BKS100	QC	25	0.29	131	0.010	1	0.91	0.005	0.04	0.1	0.07	2.2	<0.1	<0.05	3	0.7	<0.2
BKS117	Soil	17	0.19	1654	0.007	2	0.64	0.007	0.08	0.1	0.05	3.6	0.2	0.07	2	2.8	<0.2
REP BKS117	QC	16	0.18	1315	0.005	1	0.58	0.007	0.07	<0.1	0.05	3.3	0.2	0.07	2	2.5	<0.2
BKS402	Soil	17	0.26	234	0.006	1	0.81	0.007	0.08	0.1	0.04	4.3	<0.1	<0.05	2	<0.5	<0.2
REP BKS402	QC	18	0.26	231	0.006	2	0.80	0.007	0.09	<0.1	0.02	4.1	<0.1	<0.05	3	<0.5	<0.2
BKS206	Soil	14	0.15	157	0.004	<1	0.70	0.004	0.05	<0.1	0.02	2.0	0.1	<0.05	3	1.1	<0.2
REP BKS206	QC	14	0.15	150	0.004	<1	0.67	0.004	0.04	<0.1	0.02	2.2	0.1	<0.05	2	1.8	<0.2
BKS222	Soil	14	0.02	182	0.002	<1	0.32	0.008	0.05	<0.1	0.09	0.2	<0.1	0.08	2	4.0	<0.2
REP BKS222	QC	15	0.02	190	0.003	<1	0.34	0.008	0.05	<0.1	0.11	0.2	<0.1	0.07	2	2.9	<0.2
BKS240	Soil	11	0.05	44	0.008	<1	0.39	0.003	0.05	0.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
REP BKS240	QC	11	0.05	45	0.009	<1	0.38	0.003	0.04	0.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
BKS254	Soil	8	0.04	70	0.026	1	0.50	0.004	0.05	0.1	0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
REP BKS254	QC	8	0.04	70	0.027	1	0.50	0.003	0.05	0.1	0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
BKS615	Soil	13	0.13	86	0.003	<1	0.66	0.006	0.07	<0.1	0.03	1.1	0.1	<0.05	2	0.5	<0.2
REP BKS615	QC	13	0.13	87	0.005	<1	0.63	0.005	0.06	<0.1	0.02	1.0	0.1	<0.05	2	0.6	<0.2
BKS504	Soil	11	0.05	144	0.005	<1	0.40	0.003	0.04	0.2	0.41	4.2	0.1	<0.05	3	<0.5	<0.2
REP BKS504	QC	10	0.05	146	0.005	<1	0.40	0.003	0.04	0.2	0.44	4.1	0.1	<0.05	3	<0.5	<0.2
BKS529	Soil	18	0.23	494	0.016	2	0.92	0.005	0.07	0.2	0.08	2.1	0.3	<0.05	3	3.3	<0.2
REP BKS529	QC	19	0.23	490	0.017	2	0.95	0.006	0.08	0.2	0.08	2.1	0.3	<0.05	3	3.2	<0.2
BKS541	Soil	28	0.20	421	0.010	2	1.20	0.005	0.07	0.2	0.06	2.8	0.2	<0.05	4	1.7	<0.2
REP BKS541	QC	29	0.20	397	0.012	1	1.28	0.005	0.08	0.2	0.06	2.8	0.1	<0.05	5	1.5	<0.2
BKS557	Soil	23	0.18	362	0.005	<1	1.44	0.005	0.07	<0.1	0.08	3.3	0.1	<0.05	4	<0.5	<0.2
REP BKS557	QC	24	0.18	361	0.005	<1	1.44	0.005	0.07	0.1	0.07	3.3	0.1	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	122	0.63	279	0.127	2	0.96	0.105	0.45	2.9	0.20	2.4	5.5	0.17	5	5.2	5.3
STD DS8	Standard	109	0.64	265	0.108	2	0.85	0.088	0.40	2.8	0.22	2.1	5.2	0.14	4	4.6	4.2
STD DS8	Standard	125	0.64	297	0.132	3	1.01	0.126	0.45	3.1	0.19	3.2	5.5	0.09	5	4.5	5.1

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Project: INCA

Report Date: November 24, 2011

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QUALITY CONTROL REPORT

WHI11001886.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
STD DS8	Standard	12.4	106.3	127.1	305	1.9	37.0	7.2	609	2.35	23.4	112.6	6.9	70	2.3	5.4	7.1	41	0.67	0.075	15
STD DS8	Standard	13.5	111.2	127.7	320	1.9	37.5	7.6	590	2.45	25.1	114.3	6.9	74	2.4	5.6	7.0	42	0.73	0.076	17
STD DS8	Standard	13.2	104.4	124.1	290	1.7	33.5	7.0	581	2.28	23.4	111.8	7.0	68	2.3	5.0	6.1	40	0.65	0.073	17
STD DS8	Standard	12.7	111.4	123.8	309	1.7	38.7	7.3	595	2.44	24.6	112.1	6.7	72	2.3	5.4	6.7	41	0.67	0.077	14
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
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
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
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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QUALITY CONTROL REPORT

WHI11001886.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
STD DS8	Standard	114	0.57	273	0.115	2	0.88	0.103	0.44	2.7	0.20	2.6	5.4	0.14	5	4.9	4.9
STD DS8	Standard	118	0.61	289	0.125	3	0.93	0.092	0.41	3.2	0.21	2.8	5.7	0.17	5	5.7	4.8
STD DS8	Standard	111	0.58	293	0.117	2	0.88	0.097	0.39	2.9	0.19	2.4	5.4	0.16	4	4.1	4.4
STD DS8	Standard	115	0.58	278	0.113	3	0.93	0.096	0.43	2.9	0.19	2.8	5.4	0.13	5	5.9	4.8
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
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
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
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



2018 Rock Geochemistry - MMG

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Submitted By: Scott Petsel Receiving Lab: Canada-Whitehorse Received: November 30, 2018 Report Date: January 07, 2019 Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI18001155.1

CLIENT JOB INFORMATION

Project: Keno Silver Shipment ID: KS18-11 P.O. Number: Keno Silver Number of Samples: 65

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days DISP-RJT Dispose of Reject After 60 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include PRP70-250, AQ202, SHP01, FA530-Ag, EN002, MA404, GC817.

ADDITIONAL COMMENTS

Invoice To: Metallic Minerals Corp. #904 - 409 Granville Street Vancouver British Columbia V6C 1T2 Canada

CC: Debbie James Samantha Dyck



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



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Metallic Minerals Corp.**
#904 - 409 Granville Street
Vancouver British Columbia V6C 1T2 Canada

Project: Keno Silver
Report Date: January 07, 2019

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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
1497151	Rock	1.51	2.2	13.8	84.3	463	0.1	26.7	7.6	85	2.00	3.3	4.6	8.0	6	2.9	0.3	<0.1	58	0.15	0.059
1497152	Rock	1.24	1.1	11.8	208.5	176	0.2	20.1	6.0	88	1.68	0.9	0.7	4.4	9	1.3	0.1	<0.1	69	0.20	0.052
1497153	Rock	0.62	1.3	19.3	205.5	382	0.1	25.4	10.3	97	2.02	1.1	3.8	3.5	6	3.0	0.2	<0.1	61	0.13	0.053
1497154	Rock	0.61	0.6	9.3	146.5	367	<0.1	20.3	6.3	75	1.60	<0.5	<0.5	4.8	6	0.8	0.1	<0.1	56	0.15	0.053
1497155	Rock	2.89	1.0	10.5	198.5	266	<0.1	26.7	6.4	82	1.79	2.8	0.7	4.0	10	0.9	0.3	<0.1	70	0.15	0.053
1497156	Rock	3.81	2.3	14.0	131.0	172	0.1	27.0	8.6	88	2.27	<0.5	3.7	6.2	5	1.0	<0.1	<0.1	79	0.16	0.059
1497157	Rock	0.96	1.2	12.2	48.2	166	0.2	22.5	6.1	82	1.99	1.3	3.3	5.8	5	1.0	0.1	<0.1	74	0.13	0.056
1497158	Rock	4.02	1.2	13.4	178.3	221	0.2	31.9	7.1	103	1.77	5.4	<0.5	5.6	11	0.9	0.2	<0.1	80	0.40	0.059
1497159	Rock	3.22	1.4	51.9	106.3	421	0.5	36.4	9.9	113	2.88	<0.5	4.9	5.2	11	4.9	0.2	0.1	71	0.27	0.069
1497160	Rock	2.42	1.4	23.4	247.6	283	0.3	25.2	8.0	90	2.35	0.8	3.3	6.3	5	4.1	0.1	<0.1	65	0.15	0.057
1497161	Rock	2.85	2.6	39.7	442.0	308	0.7	21.8	6.3	80	2.77	0.6	1.5	10.6	5	3.0	0.5	0.1	54	0.10	0.065
1497162	Rock	2.15	1.2	26.2	297.0	479	1.2	43.8	7.8	171	2.69	1.6	2.1	5.1	32	3.6	0.2	<0.1	74	0.74	0.057
1497163	Rock	1.89	0.9	9.5	488.6	310	3.0	45.3	6.5	120	1.80	3.7	0.7	5.5	12	1.3	1.3	<0.1	92	0.35	0.058
1497164	Rock	3.18	1.1	12.7	663.8	288	2.3	20.8	5.3	78	1.76	3.9	1.0	6.1	3	5.3	1.8	<0.1	70	0.13	0.063
1497165	Rock	0.73	2.9	60.1	1078.8	1233	5.6	20.6	45.9	1381	3.36	<0.5	<0.5	9.8	4	31.6	2.3	0.3	19	0.12	0.075
1497166	Rock	0.93	3.5	46.7	512.9	1287	4.0	14.1	6.0	130	4.10	0.5	1.5	11.1	3	3.6	2.3	0.2	19	0.04	0.062
1497167	Rock	1.42	3.2	19.0	142.4	361	0.7	23.2	6.0	70	2.48	2.1	0.7	10.8	5	12.5	0.9	<0.1	42	0.09	0.061
1497168	Rock	1.55	2.5	169.8	6323.4	>10000	55.9	21.6	31.8	9745	14.93	2.6	8.1	4.5	6	69.2	57.3	<0.1	19	0.05	0.024
1497169	Rock	0.66	1.7	142.0	>10000	3086	>100	15.3	10.2	1873	6.34	0.5	6.7	2.9	7	18.6	686.5	<0.1	10	0.02	0.026
1497170	Rock	1.35	1.5	60.7	405.6	533	2.0	38.8	13.3	152	6.48	0.7	2.1	4.7	13	4.9	1.3	0.3	66	0.33	0.078
1497171	Rock	1.96	1.9	24.4	306.9	350	0.5	19.1	11.3	83	1.92	1.6	1.2	8.2	6	1.9	0.9	<0.1	37	0.11	0.057
1497172	Rock	3.87	1.5	23.3	281.3	205	0.3	12.6	3.3	45	2.12	20.9	1.8	6.1	6	0.8	1.4	<0.1	37	0.07	0.046
1497173	Rock	3.44	2.7	32.6	200.0	150	0.6	12.2	5.2	62	2.39	6.0	0.5	7.9	8	0.5	1.4	0.1	35	0.05	0.046
1497174	Rock	3.54	2.3	26.4	109.0	223	0.2	16.6	4.2	67	2.07	4.4	<0.5	7.1	7	0.4	0.3	0.1	39	0.05	0.047
1497175	Rock	3.88	2.1	40.1	24.6	141	0.3	30.6	7.9	92	2.10	3.0	<0.5	4.8	19	2.0	0.1	<0.1	77	0.19	0.055
1497176	Rock	2.38	2.0	15.9	16.0	94	0.2	7.4	3.8	88	2.44	7.5	1.1	10.6	11	0.2	<0.1	0.2	37	0.08	0.046
1497177	Rock	2.56	1.8	10.9	10.8	69	0.2	5.4	3.4	99	1.73	<0.5	<0.5	8.9	10	0.2	<0.1	0.2	29	0.03	0.028
1497178	Rock	2.83	1.2	14.3	16.6	114	0.1	9.9	3.6	73	1.62	<0.5	<0.5	4.8	16	0.5	<0.1	<0.1	62	0.14	0.046
1497179	Rock	2.23	2.6	17.8	50.4	126	0.2	12.2	7.2	109	2.07	1.0	2.3	5.8	15	0.7	0.2	<0.1	44	0.14	0.054
1497180	Rock	2.29	2.0	23.6	19.9	88	0.3	4.9	2.6	49	1.59	1.2	2.9	4.6	6	0.3	0.2	0.2	24	0.04	0.037



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Project: Keno Silver
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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method Analyte Unit MDL		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404	MA404	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te	Ag	Cu	Pb
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%	%
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	20	0.01
1497151	Rock	20	35	0.63	140	0.028	2	1.48	0.013	0.33	<0.1	<0.01	3.2	0.4	<0.05	4	<0.5	<0.2			
1497152	Rock	7	42	0.62	152	0.058	1	1.33	0.057	0.35	<0.1	<0.01	3.8	0.4	<0.05	4	<0.5	<0.2			
1497153	Rock	7	37	0.68	129	0.047	2	1.40	0.025	0.32	<0.1	<0.01	2.8	0.4	<0.05	4	<0.5	<0.2			
1497154	Rock	9	33	0.58	144	0.053	1	1.31	0.027	0.33	<0.1	<0.01	3.0	0.4	<0.05	3	<0.5	<0.2			
1497155	Rock	10	45	0.65	146	0.051	1	1.31	0.038	0.34	<0.1	<0.01	4.1	0.4	<0.05	4	<0.5	<0.2			
1497156	Rock	10	41	0.92	174	0.062	<1	1.78	0.033	0.48	<0.1	<0.01	3.9	0.5	<0.05	5	<0.5	<0.2			
1497157	Rock	7	43	0.70	132	0.048	1	1.46	0.021	0.32	<0.1	<0.01	3.6	0.4	<0.05	4	<0.5	<0.2			
1497158	Rock	13	49	0.68	154	0.056	1	1.57	0.050	0.37	<0.1	<0.01	4.4	0.5	<0.05	5	<0.5	<0.2			
1497159	Rock	11	40	0.81	163	0.050	<1	1.80	0.015	0.33	<0.1	<0.01	4.2	0.5	0.30	5	1.8	<0.2			
1497160	Rock	11	37	0.75	176	0.051	2	1.70	0.012	0.38	<0.1	<0.01	3.2	0.5	<0.05	4	<0.5	<0.2			
1497161	Rock	21	31	0.73	115	0.016	1	1.47	0.007	0.23	<0.1	<0.01	2.7	0.3	<0.05	4	<0.5	<0.2			
1497162	Rock	13	48	0.69	203	0.078	<1	2.03	0.035	0.41	0.1	<0.01	3.8	0.5	0.57	5	1.3	<0.2			
1497163	Rock	11	59	0.63	232	0.052	<1	1.81	0.024	0.26	<0.1	<0.01	4.9	0.3	<0.05	5	<0.5	<0.2			
1497164	Rock	11	45	0.44	51	0.011	1	1.14	0.002	0.09	<0.1	<0.01	3.4	0.1	<0.05	3	<0.5	<0.2			
1497165	Rock	31	8	0.02	128	0.001	3	0.53	0.006	0.26	<0.1	<0.01	2.2	0.7	<0.05	1	<0.5	<0.2			
1497166	Rock	36	8	0.01	93	0.001	3	0.45	0.006	0.20	<0.1	<0.01	2.1	0.3	<0.05	1	0.7	<0.2			
1497167	Rock	34	24	0.55	157	0.016	2	1.27	0.006	0.31	<0.1	<0.01	2.3	0.4	<0.05	3	0.7	<0.2			
1497168	Rock	13	6	0.10	106	<0.001	2	0.45	0.004	0.16	<0.1	0.27	3.6	0.4	0.38	3	1.1	<0.2	0.02	0.64	
1497169	Rock	14	5	0.01	44	<0.001	2	0.33	0.003	0.10	<0.1	0.09	1.8	0.7	5.07	1	4.2	<0.2	778	0.01	>20
1497170	Rock	9	42	0.69	73	0.034	1	1.49	0.020	0.22	<0.1	<0.01	3.9	0.4	1.55	5	3.7	<0.2			
1497171	Rock	23	24	0.34	103	0.010	2	0.91	0.009	0.21	<0.1	<0.01	2.7	0.3	<0.05	3	0.7	<0.2			
1497172	Rock	24	22	0.32	102	0.008	2	0.82	0.004	0.20	<0.1	<0.01	2.1	0.3	0.05	2	<0.5	<0.2			
1497173	Rock	36	21	0.38	102	0.003	4	0.97	0.006	0.22	<0.1	<0.01	2.1	0.3	<0.05	3	0.6	<0.2			
1497174	Rock	28	22	0.22	117	0.008	2	0.74	0.005	0.19	<0.1	<0.01	2.8	0.4	<0.05	2	0.9	<0.2			
1497175	Rock	17	38	0.48	128	0.024	1	1.38	0.024	0.13	<0.1	<0.01	3.8	0.4	0.17	4	1.4	<0.2			
1497176	Rock	8	25	0.70	94	0.007	1	1.30	0.013	0.12	<0.1	<0.01	1.8	0.2	<0.05	4	0.5	<0.2			
1497177	Rock	36	20	0.59	111	0.002	<1	1.08	0.014	0.16	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2			
1497178	Rock	11	34	0.49	95	0.025	<1	1.20	0.015	0.12	<0.1	<0.01	2.8	0.4	<0.05	3	0.6	<0.2			
1497179	Rock	17	32	0.57	93	0.005	<1	1.29	0.009	0.09	<0.1	<0.01	1.7	0.2	<0.05	3	<0.5	<0.2			
1497180	Rock	13	16	0.26	81	0.003	1	0.55	0.003	0.09	<0.1	<0.01	1.2	0.2	<0.05	2	<0.5	<0.2			

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CERTIFICATE OF ANALYSIS

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Method	Analyte	MA404	GC817
		Zn	Pb
Unit		%	%
MDL		0.01	2
1497151	Rock		
1497152	Rock		
1497153	Rock		
1497154	Rock		
1497155	Rock		
1497156	Rock		
1497157	Rock		
1497158	Rock		
1497159	Rock		
1497160	Rock		
1497161	Rock		
1497162	Rock		
1497163	Rock		
1497164	Rock		
1497165	Rock		
1497166	Rock		
1497167	Rock		
1497168	Rock	1.22	
1497169	Rock	0.27	30.27
1497170	Rock		
1497171	Rock		
1497172	Rock		
1497173	Rock		
1497174	Rock		
1497175	Rock		
1497176	Rock		
1497177	Rock		
1497178	Rock		
1497179	Rock		
1497180	Rock		



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Method Analyte Unit MDL	WGHT	AQ202 Mo	AQ202 Cu	AQ202 Pb	AQ202 Zn	AQ202 Ag	AQ202 Ni	AQ202 Co	AQ202 Mn	AQ202 Fe	AQ202 As	AQ202 Au	AQ202 Th	AQ202 Sr	AQ202 Cd	AQ202 Sb	AQ202 Bi	AQ202 V	AQ202 Ca	AQ202 P	
	Wgt kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
1497181	Rock	3.41	3.0	25.3	56.6	169	0.4	11.2	8.6	136	2.06	0.8	1.2	6.0	6	0.4	0.4	0.2	17	0.03	0.048
1497182	Rock	2.21	2.2	16.4	7.3	90	0.2	6.8	2.5	79	2.25	<0.5	0.8	10.7	11	0.3	<0.1	0.2	27	0.04	0.048
1497183	Rock	2.96	2.6	16.3	11.1	102	0.3	8.8	4.9	168	2.84	1.1	2.7	12.2	23	0.2	<0.1	0.3	39	0.05	0.048
1497184	Rock	2.83	2.4	19.0	8.3	70	0.2	7.4	2.6	113	2.41	1.1	0.9	10.4	14	<0.1	0.1	0.4	30	0.02	0.042
1497185	Rock	3.70	4.3	21.5	22.4	214	0.4	11.1	3.8	77	2.61	0.5	1.2	3.3	12	0.9	0.2	0.4	64	0.10	0.052
1498973	Rock	2.61	2.3	46.6	1368.5	867	2.6	25.4	6.5	278	3.97	6.9	1.4	6.4	8	2.9	1.8	0.4	40	0.10	0.062
1498974	Rock	2.71	2.2	22.8	510.5	404	1.0	27.1	5.4	98	2.38	6.1	1.1	8.0	7	1.5	0.6	0.3	67	0.17	0.064
1498975	Rock	2.61	2.4	36.2	989.1	722	2.2	16.3	5.7	246	3.04	3.9	<0.5	6.8	8	2.2	2.7	0.4	28	0.10	0.056
1498976	Rock	3.18	2.0	33.7	480.8	465	1.7	18.5	5.4	187	2.77	2.2	<0.5	7.2	12	1.9	1.8	0.2	50	0.10	0.061
1498977	Rock	1.82	1.7	26.3	123.1	267	0.5	33.6	7.5	96	2.23	5.6	<0.5	6.5	8	1.0	0.3	<0.1	67	0.15	0.062
1498978	Rock	1.46	2.5	37.8	122.7	215	0.3	16.1	6.9	76	2.50	1.3	<0.5	8.0	11	0.9	0.4	0.2	39	0.06	0.048
1498979	Rock	2.00	1.9	34.8	149.3	182	0.6	19.0	8.0	103	2.12	8.2	<0.5	6.0	6	0.6	0.9	0.2	37	0.08	0.049
1498980	Rock	3.52	2.0	76.3	4327.1	875	0.8	17.0	5.1	66	3.23	<0.5	<0.5	5.4	2	20.9	2.7	0.4	57	0.09	0.062
1498981	Rock	5.42	2.1	393.2	>10000	7302	>100	23.4	2.3	52	0.78	4.8	1.8	3.1	22	51.7	636.2	0.3	6	<0.01	0.005
1498981A	Rock	1.17	<0.1	0.8	418.3	5	0.8	2.7	<0.1	108	0.06	<0.5	1.7	<0.1	70	<0.1	0.9	<0.1	<1	31.80	0.006
1498982	Rock	3.77	2.9	36.3	7697.7	973	1.4	12.9	2.5	142	1.91	<0.5	<0.5	8.5	5	4.5	4.3	0.3	37	0.13	0.057
1498983	Rock	4.03	4.1	72.9	3582.5	924	1.7	29.1	11.8	409	3.96	<0.5	<0.5	6.8	7	11.0	1.4	0.4	105	0.36	0.083
1498984	Rock	3.02	6.1	57.9	7373.6	836	7.7	4.4	1.1	43	3.20	<0.5	1.8	9.2	5	1.1	5.0	0.5	22	0.01	0.055
1498985	Rock	7.69	2.7	639.0	>10000	4502	>100	14.1	4.5	214	1.28	<0.5	10.7	0.5	9	45.3	>2000	0.3	1	<0.01	0.002
1498985A	Rock	1.23	<0.1	3.4	117.4	2	0.4	2.9	0.3	99	0.06	0.9	0.5	<0.1	70	<0.1	0.4	<0.1	<1	31.73	0.006
1498986	Rock	3.79	3.3	71.2	3540.2	740	4.2	4.8	1.5	83	2.72	<0.5	<0.5	7.8	5	3.0	2.6	0.3	32	0.06	0.053
1498987	Rock	3.30	2.5	92.8	>10000	2112	95.2	11.1	2.9	314	2.34	2.0	11.0	5.6	6	16.6	78.5	0.4	28	0.09	0.050
1498988	Rock	4.12	4.1	57.2	2443.7	1631	4.1	22.0	7.9	1800	3.27	1.3	<0.5	8.6	8	5.2	3.9	0.4	24	0.05	0.051
1498989	Rock	3.60	3.4	88.4	>10000	1792	>100	15.3	5.0	1248	3.74	1.0	2.1	6.8	9	7.0	35.3	0.4	33	0.08	0.043
1498990	Rock	2.83	4.0	33.5	309.7	1736	0.8	63.0	14.9	2440	3.19	<0.5	2.2	10.0	7	24.1	0.8	0.1	37	0.16	0.068
1498991	Rock	1.91	7.1	210.9	>10000	1311	>100	11.7	2.0	116	2.19	5.1	2.9	9.2	11	10.7	79.9	0.5	19	0.08	0.021
1498991A	Rock	1.22	<0.1	2.7	71.6	5	0.5	2.7	0.4	107	0.12	<0.5	1.7	<0.1	68	<0.1	0.7	<0.1	<1	31.36	0.006
1498992	Rock	3.32	3.5	68.2	2396.0	1420	11.2	26.8	5.6	1018	2.30	6.7	<0.5	7.2	8	17.0	9.8	0.4	37	0.14	0.051
1480451	Rock	1.21	5.4	507.9	>10000	3082	>100	0.9	0.2	31	2.22	>10000	1071.2	1.6	11	22.5	1775.3	1.7	6	<0.01	0.019
1480452	Rock	3.04	<0.1	2990.0	>10000	>10000	>100	0.9	0.3	17	0.65	191.5	18.3	<0.1	7	235.1	>2000	2.1	<1	<0.01	<0.001



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Project: Keno Silver
Report Date: January 07, 2019

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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method Analyte Unit MDL	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404	MA404	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	TI ppm	S %	Ga ppm	Se ppm	Te ppm	Ag gm/t	Cu %	Pb %	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	20	0.01	0.01	
1497181	Rock	22	9	0.07	63	0.001	3	0.45	0.004	0.11	<0.1	<0.01	1.4	0.3	<0.05	<1	<0.5	<0.2			
1497182	Rock	31	23	0.59	85	0.003	2	1.06	0.008	0.10	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2			
1497183	Rock	33	34	0.84	122	0.004	2	1.61	0.024	0.13	<0.1	<0.01	2.6	0.1	0.07	4	0.7	<0.2			
1497184	Rock	22	25	0.63	125	0.003	2	1.20	0.016	0.15	<0.1	<0.01	2.0	0.1	<0.05	3	1.4	<0.2			
1497185	Rock	10	28	0.41	85	0.006	2	0.98	0.007	0.08	<0.1	<0.01	1.8	0.2	<0.05	4	0.6	<0.2			
1498973	Rock	22	21	0.13	93	0.005	2	0.71	0.004	0.17	<0.1	<0.01	3.4	0.4	0.14	2	<0.5	<0.2			
1498974	Rock	18	40	0.64	183	0.034	1	1.43	0.014	0.38	<0.1	<0.01	3.6	0.5	<0.05	4	<0.5	<0.2			
1498975	Rock	25	16	0.13	87	0.004	3	0.60	0.004	0.16	<0.1	<0.01	2.5	0.4	0.07	2	<0.5	<0.2			
1498976	Rock	33	35	0.35	148	0.012	<1	0.98	0.005	0.17	<0.1	<0.01	3.3	0.3	0.08	3	<0.5	<0.2			
1498977	Rock	18	40	0.50	242	0.046	2	1.46	0.010	0.45	<0.1	<0.01	3.5	0.6	<0.05	4	<0.5	<0.2			
1498978	Rock	37	26	0.29	158	0.015	3	0.88	0.006	0.24	<0.1	<0.01	2.9	0.5	0.06	3	<0.5	<0.2			
1498979	Rock	18	24	0.21	99	0.014	2	0.79	0.004	0.11	<0.1	<0.01	2.6	0.3	<0.05	2	<0.5	<0.2			
1498980	Rock	13	28	0.43	163	0.046	3	1.10	0.013	0.47	<0.1	<0.01	3.5	0.8	0.56	3	1.4	<0.2			
1498981	Rock	14	3	<0.01	27	<0.001	3	0.24	0.004	0.12	<0.1	0.33	0.8	0.8	8.22	4	7.0	<0.2	816	0.04	>20
1498981A	Rock	1	<1	0.91	10	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2			
1498982	Rock	30	17	0.17	125	0.009	2	0.79	0.008	0.29	<0.1	<0.01	3.5	0.3	0.06	2	<0.5	<0.2			
1498983	Rock	15	47	0.77	243	0.104	1	1.98	0.028	0.76	<0.1	<0.01	5.2	1.3	0.66	5	1.1	<0.2			
1498984	Rock	31	9	0.02	132	0.002	2	0.41	0.008	0.22	<0.1	0.07	2.3	0.9	0.11	2	1.0	<0.2			
1498985	Rock	4	1	<0.01	14	<0.001	1	0.11	<0.001	0.01	<0.1	1.09	0.6	1.2	>10	5	10.2	4.3	1815	0.06	>20
1498985A	Rock	1	<1	0.99	11	0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2			
1498986	Rock	19	19	0.17	156	0.017	2	0.69	0.008	0.30	<0.1	0.01	3.2	0.6	0.07	2	0.5	<0.2			
1498987	Rock	17	16	0.13	215	0.013	2	0.67	0.006	0.24	<0.1	0.08	2.8	0.7	0.77	3	0.8	<0.2	<0.01	4.27	
1498988	Rock	30	12	0.03	133	0.001	3	0.54	0.006	0.22	<0.1	0.02	3.4	0.8	<0.05	2	<0.5	<0.2			
1498989	Rock	21	17	0.08	112	0.004	3	0.77	0.006	0.23	<0.1	0.31	4.1	1.0	0.43	3	1.0	<0.2	124	<0.01	3.08
1498990	Rock	33	22	0.15	205	0.005	2	0.81	0.014	0.26	<0.1	<0.01	3.1	0.4	<0.05	2	<0.5	<0.2			
1498991	Rock	36	10	0.04	127	0.002	4	0.58	0.010	0.27	<0.1	0.46	1.5	0.3	0.16	9	1.9	<0.2	162	0.02	1.74
1498991A	Rock	1	<1	0.37	11	0.001	<1	0.02	0.003	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2			
1498992	Rock	28	19	0.10	116	0.003	3	0.70	0.007	0.21	<0.1	0.10	3.5	0.4	0.08	3	<0.5	<0.2			
1480451	Rock	1	4	<0.01	21	<0.001	4	0.24	0.007	0.12	0.3	2.39	3.5	0.6	7.07	1	1.9	4.0	2210	0.05	>20
1480452	Rock	<1	<1	<0.01	12	<0.001	1	0.04	0.003	0.02	<0.1	1.77	0.5	1.8	>10	2	4.6	4.3	2890	0.29	>20



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Project: Keno Silver
Report Date: January 07, 2019

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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method	Analyte	MA404	GC817
		Zn	Pb
Unit		%	%
MDL		0.01	2
1497181	Rock		
1497182	Rock		
1497183	Rock		
1497184	Rock		
1497185	Rock		
1498973	Rock		
1498974	Rock		
1498975	Rock		
1498976	Rock		
1498977	Rock		
1498978	Rock		
1498979	Rock		
1498980	Rock		
1498981	Rock	0.69	45.91
1498981A	Rock		
1498982	Rock		
1498983	Rock		
1498984	Rock		
1498985	Rock	0.43	78.55
1498985A	Rock		
1498986	Rock		
1498987	Rock	0.20	
1498988	Rock		
1498989	Rock	0.17	
1498990	Rock		
1498991	Rock	0.12	
1498991A	Rock		
1498992	Rock		
1480451	Rock	0.27	39.68
1480452	Rock	3.94	74.40



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Project: Keno Silver
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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
1480453	Rock	1.44	2.0	4446.0	>10000	7774	>100	0.6	0.3	2845	2.85	470.7	277.3	0.8	15	64.6	>2000	0.3	14	<0.01	0.020
1480454	Rock	1.90	0.6	741.1	>10000	567	>100	0.1	<0.1	1	0.12	28.9	43.1	<0.1	33	80.9	>2000	3.4	3	<0.01	0.055
1480455	Rock	1.59	6.9	71.8	3094.4	242	34.7	7.6	0.5	85	1.65	93.6	3.7	0.6	495	2.2	57.9	0.3	60	3.03	1.406
1480456	Rock	1.59	0.3	>10000	>10000	5063	>100	3.9	1.3	644	4.15	1108.3	268.3	<0.1	14	177.0	>2000	3.7	15	<0.01	0.058
1480457	Rock	3.67	<0.1	605.0	>10000	6998	>100	0.3	<0.1	9	0.15	139.9	179.0	<0.1	2	66.5	>2000	1.0	<1	<0.01	<0.001



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CERTIFICATE OF ANALYSIS

WHI18001155.1

Method	Analyte	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404	MA404
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu	Pb
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%	%	
MDL		1	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	20	0.01	0.01	
1480453	Rock	<1	5	<0.01	25	<0.001	1	0.12	0.003	0.01	<0.1	2.11	3.4	0.7	8.61	3	2.0	3.6	7891	0.43	>20
1480454	Rock	<1	<1	<0.01	9	<0.001	<1	0.04	0.003	<0.01	<0.1	0.62	0.9	0.6	>10	<1	>100	4.1	4054	0.07	14.06
1480455	Rock	3	17	<0.01	347	0.006	11	0.38	0.007	0.11	0.2	0.11	4.0	0.2	<0.05	1	7.3	<0.2			
1480456	Rock	<1	3	0.02	20	<0.001	<1	0.12	<0.001	<0.01	<0.1	8.73	4.3	0.7	>10	<1	28.4	4.7	14647	1.01	>20
1480457	Rock	<1	<1	<0.01	22	<0.001	<1	<0.01	0.003	<0.01	<0.1	0.62	0.3	0.7	9.77	2	15.2	3.7	2969	0.06	>20



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CERTIFICATE OF ANALYSIS

WHI18001155.1

	Method	MA404 GC817	
		Zn	Pb
Analyte		%	%
Unit		%	%
MDL		0.01	2
1480453	Rock	0.79	68.18
1480454	Rock	0.06	
1480455	Rock		
1480456	Rock	0.45	66.65
1480457	Rock	0.70	82.05



QUALITY CONTROL REPORT

WHI18001155.1

Method	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
Pulp Duplicates																					
1497163	Rock	1.89	0.9	9.5	488.6	310	3.0	45.3	6.5	120	1.80	3.7	0.7	5.5	12	1.3	1.3	<0.1	92	0.35	0.058
REP 1497163	QC		0.8	9.9	482.4	312	2.9	45.1	6.2	118	1.79	3.4	1.2	5.4	11	1.3	1.3	<0.1	92	0.35	0.060
1498980	Rock	3.52	2.0	76.3	4327.1	875	0.8	17.0	5.1	66	3.23	<0.5	<0.5	5.4	2	20.9	2.7	0.4	57	0.09	0.062
REP 1498980	QC		2.1	80.9	4400.3	901	0.8	17.2	5.4	67	3.26	<0.5	<0.5	5.4	3	22.1	2.9	0.4	58	0.09	0.061
REP 1498981	QC																				
1498989	Rock	3.60	3.4	88.4	>10000	1792	>100	15.3	5.0	1248	3.74	1.0	2.1	6.8	9	7.0	35.3	0.4	33	0.08	0.043
REP 1498989	QC																				
1480456	Rock	1.59	0.3	>10000	>10000	5063	>100	3.9	1.3	644	4.15	1108.3	268.3	<0.1	14	177.0	>2000	3.7	15	<0.01	0.058
REP 1480456	QC																				
Core Reject Duplicates																					
1497160	Rock	2.42	1.4	23.4	247.6	283	0.3	25.2	8.0	90	2.35	0.8	3.3	6.3	5	4.1	0.1	<0.1	65	0.15	0.057
DUP 1497160	QC		1.2	22.4	251.5	279	0.3	24.1	8.2	89	2.35	0.6	2.2	6.2	5	4.0	0.1	<0.1	64	0.15	0.057
1498981	Rock	5.42	2.1	393.2	>10000	7302	>100	23.4	2.3	52	0.78	4.8	1.8	3.1	22	51.7	636.2	0.3	6	<0.01	0.005
DUP 1498981	QC		2.0	402.1	>10000	7878	>100	24.0	2.5	57	0.80	8.9	2.6	3.1	22	58.1	663.0	0.4	6	0.01	0.005
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD DS11	Standard		16.1	151.0	141.2	368	1.7	75.9	14.5	1054	3.20	46.1	84.5	8.1	70	2.6	7.7	11.7	50	1.08	0.069
STD DS11	Standard		14.2	153.6	138.2	348	1.8	83.2	13.6	1064	3.27	43.9	115.8	7.3	66	2.2	7.2	10.9	46	1.07	0.070
STD DS11	Standard		14.5	149.7	136.1	335	1.7	78.3	13.7	1048	3.23	43.2	75.2	7.9	70	2.6	6.8	11.2	52	1.08	0.070
STD DS11	Standard		14.4	154.7	143.4	343	1.7	79.2	13.9	991	3.22	43.6	73.9	8.2	68	2.7	7.8	12.5	45	1.03	0.079
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS134B	Standard																				



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QUALITY CONTROL REPORT

WHI18001155.1

Method	Analyte	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu	Pb
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%	%
MDL		1	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	20	0.01	0.01	
Pulp Duplicates																					
1497163	Rock	11	59	0.63	232	0.052	<1	1.81	0.024	0.26	<0.1	<0.01	4.9	0.3	<0.05	5	<0.5	<0.2			
REP 1497163	QC	12	58	0.63	231	0.051	<1	1.82	0.024	0.26	<0.1	<0.01	4.8	0.3	<0.05	5	<0.5	<0.2			
1498980	Rock	13	28	0.43	163	0.046	3	1.10	0.013	0.47	<0.1	<0.01	3.5	0.8	0.56	3	1.4	<0.2			
REP 1498980	QC	14	29	0.43	168	0.048	2	1.12	0.014	0.48	<0.1	<0.01	3.7	0.8	0.57	3	1.6	<0.2			
REP 1498981	QC																		0.03	>20	
1498989	Rock	21	17	0.08	112	0.004	3	0.77	0.006	0.23	<0.1	0.31	4.1	1.0	0.43	3	1.0	<0.2	124	<0.01	3.08
REP 1498989	QC																		<0.01	3.11	
1480456	Rock	<1	3	0.02	20	<0.001	<1	0.12	<0.001	<0.01	<0.1	8.73	4.3	0.7	>10	<1	28.4	4.7	14647	1.01	>20
REP 1480456	QC																	14526			
Core Reject Duplicates																					
1497160	Rock	11	37	0.75	176	0.051	2	1.70	0.012	0.38	<0.1	<0.01	3.2	0.5	<0.05	4	<0.5	<0.2			
DUP 1497160	QC	11	38	0.75	169	0.048	1	1.71	0.009	0.38	<0.1	<0.01	3.3	0.5	<0.05	4	<0.5	<0.2			
1498981	Rock	14	3	<0.01	27	<0.001	3	0.24	0.004	0.12	<0.1	0.33	0.8	0.8	8.22	4	7.0	<0.2	816	0.04	>20
DUP 1498981	QC	14	3	<0.01	26	<0.001	5	0.23	0.004	0.12	0.1	0.38	0.9	0.8	8.41	5	6.8	<0.2	798	0.03	>20
Reference Materials																					
STD AGPROOF	Standard																		94		
STD AGPROOF	Standard																		98		
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD DS11	Standard	20	63	0.85	400	0.098	8	1.23	0.080	0.41	2.9	0.25	3.6	5.0	0.29	5	2.0	4.6			
STD DS11	Standard	18	60	0.84	374	0.090	8	1.19	0.076	0.41	3.0	0.26	3.4	4.9	0.29	5	2.1	4.9			
STD DS11	Standard	19	59	0.84	359	0.098	7	1.25	0.079	0.41	2.7	0.28	3.3	4.6	0.29	5	1.8	4.9			
STD DS11	Standard	20	60	0.83	367	0.097	7	1.16	0.074	0.40	2.9	0.30	3.2	4.9	0.28	5	2.0	4.6			
STD OREAS134B	Standard																			0.12	13.22
STD OREAS133A	Standard																			0.03	4.98
STD OREAS134B	Standard																			0.13	13.29
STD OREAS133A	Standard																			0.03	4.95
STD OREAS134B	Standard																			0.13	13.72



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QUALITY CONTROL REPORT

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Method	Analyte	MA404	GC817
		Zn	Pb
Unit		%	%
MDL		0.01	2
Pulp Duplicates			
1497163	Rock		
REP 1497163	QC		
1498980	Rock		
REP 1498980	QC		
REP 1498981	QC	0.69	
1498989	Rock	0.17	
REP 1498989	QC	0.16	
1480456	Rock	0.45	66.65
REP 1480456	QC		66.65
Core Reject Duplicates			
1497160	Rock		
DUP 1497160	QC		
1498981	Rock	0.69	45.91
DUP 1498981	QC	0.68	45.79
Reference Materials			
STD AGPROOF	Standard		
STD AGPROOF	Standard		
STD CPB-2	Standard		63.48
STD CPB-2	Standard		63.44
STD DS11	Standard		
STD DS11	Standard		
STD DS11	Standard		
STD DS11	Standard		
STD OREAS134B	Standard	17.42	
STD OREAS133A	Standard	11.07	
STD OREAS134B	Standard	17.54	
STD OREAS133A	Standard	10.65	
STD OREAS134B	Standard	17.78	



QUALITY CONTROL REPORT

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	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
STD OREAS133A	Standard																				
STD OREAS262	Standard	0.6	113.8	58.1	150	0.6	59.4	25.9	532	3.18	36.6	52.5	8.7	36	0.7	5.5	1.0	21	2.93	0.040	
STD OREAS262	Standard	0.5	117.7	56.9	155	0.5	64.1	28.5	545	3.41	36.6	54.6	9.1	36	0.6	3.4	1.0	21	2.95	0.038	
STD OREAS262	Standard	0.6	113.5	54.6	148	0.4	62.4	27.2	527	3.25	35.0	56.3	8.9	35	0.7	3.0	0.9	23	2.94	0.037	
STD OREAS262	Standard	0.6	119.3	60.2	147	0.4	63.7	26.8	511	3.35	35.6	48.9	9.6	35	0.7	3.6	1.1	21	2.87	0.041	
STD OXC129	Standard	1.2	28.0	7.7	42	<0.1	75.7	21.3	410	3.01	0.8	196.2	1.8	202	<0.1	0.1	<0.1	52	0.73	0.096	
STD OXC129	Standard	1.4	27.4	6.0	38	<0.1	77.8	20.5	411	3.12	<0.5	195.1	1.7	196	<0.1	<0.1	<0.1	53	0.76	0.098	
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD OXC129 Expected		1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102	
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	72	9.33	36	0.61	5.06	0.98	22.5	2.98	0.04	
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OREAS134B Expected																					
STD OREAS133A Expected																					
STD CPB-2 Expected																					
BLK	Blank	<0.1	<0.1	0.3	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	
BLK	Blank	<0.1	<0.1	0.2	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



QUALITY CONTROL REPORT

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		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu	Pb
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%	%
		1	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	20	0.01	0.01
STD OREAS133A	Standard																			0.03	4.91
STD OREAS262	Standard	16	41	1.15	253	0.003	4	1.34	0.072	0.31	0.2	0.17	3.5	0.4	0.25	4	<0.5	<0.2			
STD OREAS262	Standard	16	44	1.17	261	0.003	5	1.30	0.072	0.30	0.2	0.17	3.8	0.5	0.27	3	0.5	<0.2			
STD OREAS262	Standard	18	44	1.16	249	0.003	4	1.46	0.071	0.34	0.1	0.17	3.5	0.4	0.27	4	0.6	<0.2			
STD OREAS262	Standard	16	43	1.15	248	0.003	4	1.29	0.071	0.30	0.2	0.17	3.2	0.4	0.27	4	<0.5	0.2			
STD OXC129	Standard	13	54	1.54	52	0.390	1	1.64	0.598	0.36	<0.1	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2			
STD OXC129	Standard	12	52	1.57	49	0.405	2	1.68	0.606	0.37	<0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2			
STD OXQ114	Standard																		142		
STD OXQ114	Standard																		125		
STD SP49	Standard																		66		
STD SP49	Standard																		59		
STD OXC129 Expected		12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5					
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56			
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.295	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23			
STD AGPROOF Expected																			94		
STD SP49 Expected																			60.2		
STD OXQ114 Expected																			127.1		
STD OREAS134B Expected																				0.1348	13.36
STD OREAS133A Expected																				0.0323	4.9
STD CPB-2 Expected																					
BLK	Blank	<1	<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	<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	<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																		<20		
BLK	Blank																		<0.01	<0.01	
BLK	Blank	<1	<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																		<0.01	<0.01	
BLK	Blank																		<20		
BLK	Blank																		<0.01	<0.01	



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		MA404	GC817
		Zn	Pb
		%	%
		0.01	2
STD OREAS133A	Standard	10.64	
STD OREAS262	Standard		
STD OREAS262	Standard		
STD OREAS262	Standard		
STD OREAS262	Standard		
STD OXC129	Standard		
STD OXC129	Standard		
STD OXQ114	Standard		
STD OXQ114	Standard		
STD SP49	Standard		
STD SP49	Standard		
STD OXC129 Expected			
STD DS11 Expected			
STD OREAS262 Expected			
STD AGPROOF Expected			
STD SP49 Expected			
STD OXQ114 Expected			
STD OREAS134B Expected		18.03	
STD OREAS133A Expected		10.87	
STD CPB-2 Expected			63.52
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	
BLK	Blank		
BLK	Blank	<0.01	
BLK	Blank		
BLK	Blank	<0.01	



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		WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001
Prep Wash																					
ROCK-WHI	Prep Blank		0.9	2.5	1.2	33	<0.1	0.7	3.7	471	1.80	0.8	1.7	2.2	22	<0.1	<0.1	<0.1	23	0.59	0.044
ROCK-WHI	Prep Blank		0.8	2.9	1.2	30	<0.1	0.8	3.9	473	1.76	1.1	2.7	2.1	21	<0.1	<0.1	<0.1	23	0.62	0.041



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		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	FA530	MA404		
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu	Pb	
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%	%	
		1	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	20	0.01	0.01	
Prep Wash																						
ROCK-WHI	Prep Blank	6	2	0.44	53	0.070	3	0.79	0.043	0.05	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2				
ROCK-WHI	Prep Blank	6	2	0.45	50	0.072	3	0.82	0.047	0.05	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2				



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QUALITY CONTROL REPORT

WHI18001155.1

		MA404	GC817
		Zn	Pb
		%	%
		0.01	2
Prep Wash			
ROCK-WHI	Prep Blank		
ROCK-WHI	Prep Blank		

Appendix III. Compiled Soil Chemistry and Assay Certificates

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BKS1	354302	7053384	WHI11001886	Soil	2011	2.7	38.6	24.3	116	0.8	40.9	14.5	805	3.25	28.4
BKS2	354341	7053926	WHI11001886	Soil	2011	2.3	54.7	26.8	147	0.5	47.7	19.4	991	4.49	36.5
BKS3	354373	7053462	WHI11001886	Soil	2011	4.2	52.8	23.6	137	0.7	42	12.7	617	3.21	26.3
BKS4	354404	7053502	WHI11001886	Soil	2011	3.9	24.4	20.5	69	0.9	20.8	9.2	304	2.28	20.4
BKS5	354437	7053540	WHI11001886	Soil	2011	3.7	36.8	19	115	0.7	28.9	10.7	277	2.72	24
BKS6	354469	7053578	WHI11001886	Soil	2011	4.1	40.9	22.9	116	0.9	32.6	10.6	355	2.94	29.2
BKS7	354505	7053613	WHI11001886	Soil	2011	4.9	44.9	27	121	1.1	32.3	10.7	518	2.8	31.1
BKS8	354536	7053652	WHI11001886	Soil	2011	6.3	33.8	32.8	140	1.3	30.9	16.8	1286	3.42	34.5
BKS100	353256	7054098	WHI11001886	Soil	2011	2.4	58.9	18.6	116	0.5	35.1	7	107	2.92	17.8
BKS101	353298	7054071	WHI11001886	Soil	2011	2.5	63.9	36.5	161	0.2	48.1	16.9	361	4.08	35.4
BKS102	353331	7054036	WHI11001886	Soil	2011	2.1	63.6	22.3	191	0.3	56.3	11	164	4.26	20.8
BKS103	353374	7054013	WHI11001886	Soil	2011	3.4	58.7	45	147	0.7	43.7	17.5	615	3.96	37.2
BKS104	353420	7053994	WHI11001886	Soil	2011	1.4	51.7	43.2	147	0.4	35.4	13.1	325	4.03	44.5
BKS105	353469	7053981	WHI11001886	Soil	2011	2.1	37.3	17	104	0.2	22.8	6.8	196	3.89	19.9
BKS106	353517	7053978	WHI11001886	Soil	2011	2.2	23.9	22	106	0.2	19	6.5	254	4.77	26.1
BKS107	353568	7053979	WHI11001886	Soil	2011	2	43.4	24	118	0.1	33.7	10.8	281	4.07	28.5
BKS108	353620	7053984	WHI11001886	Soil	2011	2.8	52.6	27	127	0.4	34.7	12.8	370	3.36	25.9
BKS109	353717	7054011	WHI11001886	Soil	2011	2.3	47.8	23.8	134	0.4	42.9	14.3	353	3.36	25.1
BKS110	353765	7053998	WHI11001886	Soil	2011	2.2	55.9	41.6	146	0.1	43.1	20.9	626	3.74	36.6
BKS111	353813	7053985	WHI11001886	Soil	2011	1.9	18	16.8	69	0.1	16.9	6	248	2.93	23.2
BKS112	353863	7053984	WHI11001886	Soil	2011	1.3	34.5	22	104	0.2	31.1	12.1	512	3.11	24.5
BKS113	353912	7053984	WHI11001886	Soil	2011	1.2	27.5	18.8	77	0.2	31	9.1	250	2.78	18.5
BKS114	353961	7053994	WHI11001886	Soil	2011	2.1	29.8	23.5	95	0.2	24	9.9	360	3.2	25.9
BKS115	354008	7054009	WHI11001886	Soil	2011	1.8	53.2	14.2	70	-0.1	19.5	6.2	161	2.36	19
BKS116	354032	7054053	WHI11001886	Soil	2011	2.7	35.4	24.1	106	0.2	26.8	9.6	269	3.46	27.3
BKS117	354058	7054096	WHI11001886	Soil	2011	6.4	44.5	35	123	0.7	31.3	20.8	872	3.46	40.3
BKS118	354061	7054143	WHI11001886	Soil	2011	26.6	46.7	22.7	132	5	38.3	3.6	123	2.29	56
BKS119	354059	7054193	WHI11001886	Soil	2011	2.9	56.2	28.2	177	1.8	61.2	19	1305	3.38	45.4
BKS120	354107	7054211	WHI11001886	Soil	2011	4.1	46.4	47.1	154	1	36.7	13.4	450	3.46	77.9
BKS121	354157	7054208	WHI11001886	Soil	2011	3	44.7	42.9	137	0.2	35.6	15.5	396	3.74	76.2
BKS122	354207	7054213	WHI11001886	Soil	2011	4.4	35.8	37.6	142	0.5	39.8	15	373	3.7	52.3
BKS123	354257	7054211	WHI11001886	Soil	2011	4.1	42.7	54.4	152	0.3	39.1	21.8	634	4.22	43.5
BKS124	354306	7054201	WHI11001886	Soil	2011	2.5	41.2	30.9	101	2.4	21.8	7.5	139	3.01	35.1
BKS125	354357	7054208	WHI11001886	Soil	2011	2.7	41.5	30.8	112	0.5	28.4	13.8	595	3.2	26.2
BKS126	354403	7054227	WHI11001886	Soil	2011	3.2	19.8	17.4	79	0.2	20.3	6.4	246	2.54	22.5
BKS127	354454	7054241	WHI11001886	Soil	2011	3.7	18.6	16.9	61	0.4	13.7	3.7	127	2.08	19.7
BKS128	354494	7054266	WHI11001886	Soil	2011	6.3	33.2	19.5	151	1.8	35.7	5.8	243	3.74	13.2
BKS129	354554	7054327	WHI11001886	Soil	2011	5.1	25.6	9.3	6	2.1	1.2	0.4	11	0.47	9
BKS130	354598	7054351	WHI11001886	Soil	2011	6.6	43.9	37.6	65	2.4	15.2	3.7	114	2.19	31.8
BKS131	354635	7054384	WHI11001886	Soil	2011	7.8	58.3	34.5	179	0.7	35.9	13.4	529	3.85	49.6
BKS132	354671	7054419	WHI11001886	Soil	2011	6.1	30.7	24.4	102	2.9	25.7	10.5	446	4.41	32.9
BKS133	354695	7054464	WHI11001886	Soil	2011	0.8	34.9	37.7	100	0.2	24.5	13.5	585	3.61	65.8
BKS134	354721	7054509	WHI11001886	Soil	2011	0.7	35	43.3	122	0.2	23.4	13.8	481	3.82	91
BKS135	354756	7054547	WHI11001886	Soil	2011	0.7	33.7	43.7	119	0.2	25.7	12.9	435	3.62	71.5

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BKS1	6.5	3.6	73	0.5	2.4	0.4	36	0.51	0.076		13	23	0.39	375	0.009	3	0.99	0.012	0.09	0.2
BKS2	3.6	5.6	37	0.7	2.7	0.4	45	0.33	0.085		17	28	0.43	377	0.012	3	1.17	0.012	0.14	0.2
BKS3	2.3	3.9	52	0.7	4.7	0.3	32	0.2	0.08		8	17	0.18	2016	0.007	2	0.65	0.007	0.08	-0.1
BKS4	5.1	1.9	45	0.2	2.1	0.3	29	0.22	0.063		7	15	0.23	881	0.002	1	0.78	0.005	0.07	-0.1
BKS5	9.2	3.4	40	0.3	3.3	0.3	30	0.13	0.077		10	18	0.21	1559	0.007	2	0.78	0.005	0.06	0.1
BKS6	4.4	2.8	58	0.4	3.7	0.3	31	0.24	0.079		8	17	0.21	1542	0.007	1	0.72	0.007	0.07	-0.1
BKS7	4.9	2.4	64	0.6	4.1	0.3	31	0.38	0.076		7	15	0.22	1666	0.003	2	0.63	0.008	0.08	-0.1
BKS8	4.1	2.8	55	0.7	4.5	0.3	37	0.26	0.076		9	19	0.21	1807	0.006	2	0.76	0.006	0.08	-0.1
BKS100	7.5	1.5	15	0.1	2	0.3	30	0.05	0.046		7	26	0.29	132	0.01	1	0.95	0.005	0.05	-0.1
BKS101	6.7	3.1	17	0.1	4.9	0.4	25	0.06	0.052		7	22	0.31	269	0.006	-1	0.92	0.005	0.05	-0.1
BKS102	6.4	3.1	21	0.2	2.1	0.3	28	0.06	0.066		6	32	0.45	176	0.009	4	1.21	0.006	0.05	-0.1
BKS103	3.7	5.1	55	0.4	4.9	0.4	38	0.22	0.074		10	24	0.33	2244	0.006	1	1.13	0.013	0.12	-0.1
BKS104	6.5	3.8	7	0.1	5.7	0.4	28	0.02	0.033		9	20	0.24	134	0.005	1	0.98	0.005	0.05	-0.1
BKS105	2.4	3.1	7	-0.1	1.5	0.4	60	0.03	0.045		10	25	0.2	87	0.024	-1	1.08	0.003	0.05	0.2
BKS106	1.2	2.5	9	0.2	1.8	0.4	67	0.03	0.061		10	27	0.23	115	0.02	-1	1.18	0.004	0.06	0.2
BKS107	4.1	3.5	7	0.1	2.3	0.4	35	0.02	0.034		9	28	0.28	152	0.007	-1	1.28	0.005	0.05	0.2
BKS108	3.7	3.1	32	0.2	3.5	0.4	29	0.12	0.068		9	19	0.23	1223	0.006	1	0.73	0.005	0.07	-0.1
BKS109	4.5	3.7	33	0.2	3.2	0.3	23	0.19	0.069		7	17	0.25	1108	0.006	2	0.71	0.006	0.07	-0.1
BKS110	7.5	3.5	15	0.3	4.5	0.4	25	0.04	0.053		8	19	0.24	139	0.006	4	0.9	0.004	0.05	-0.1
BKS111	2.1	3	7	-0.1	1.4	0.3	61	0.04	0.03		12	23	0.24	108	0.016	-1	1.21	0.005	0.05	0.2
BKS112	3.3	3.1	9	0.2	1.5	0.4	40	0.03	0.027		11	26	0.34	204	0.009	-1	1.31	0.006	0.06	0.2
BKS113	2.1	3.5	9	-0.1	1.3	0.3	35	0.05	0.02		12	24	0.37	275	0.009	-1	1.32	0.005	0.05	0.1
BKS114	2.1	4.1	9	0.2	1.9	0.3	45	0.05	0.042		10	25	0.34	186	0.011	-1	1.63	0.005	0.06	0.2
BKS115	2.4	2.4	7	-0.1	1.2	0.3	42	0.03	0.017		10	20	0.25	104	0.011	-1	0.97	0.004	0.04	0.1
BKS116	2.6	2.6	15	0.1	3.8	0.3	35	0.04	0.045		10	18	0.22	541	0.008	1	0.77	0.006	0.06	0.1
BKS117	10.3	3.8	67	0.4	5.8	0.4	35	0.15	0.092		10	17	0.19	1654	0.007	2	0.64	0.007	0.08	0.1
BKS118	8.4	0.6	97	1.3	12.1	0.3	55	0.09	0.1		2	15	0.02	683	0.001	1	0.27	0.01	0.09	-0.1
BKS119	4.9	2.5	23	0.5	4.9	0.4	18	0.34	0.078		8	12	0.09	755	0.001	-1	0.72	0.007	0.1	-0.1
BKS120	5.9	2.5	48	0.3	9.4	0.4	26	0.16	0.063		6	14	0.15	1682	0.003	1	0.55	0.007	0.08	-0.1
BKS121	5.1	3.3	17	0.2	8.9	0.4	22	0.05	0.042		7	13	0.17	558	0.002	1	0.61	0.005	0.06	-0.1
BKS122	5.9	2.8	31	0.2	6.5	0.4	22	0.11	0.08		6	12	0.13	1079	0.002	-1	0.49	0.006	0.06	-0.1
BKS123	3.3	3.7	23	0.2	7.1	0.4	27	0.07	0.066		8	18	0.25	541	0.004	-1	0.8	0.005	0.05	-0.1
BKS124	2.3	1.1	10	0.1	4.6	0.4	31	0.03	0.062		8	13	0.07	173	0.003	1	0.64	0.006	0.07	-0.1
BKS125	1.8	2.6	12	0.2	2.7	0.3	34	0.05	0.039		11	20	0.24	438	0.01	-1	0.91	0.005	0.07	0.1
BKS126	1.7	1.9	12	0.1	1.8	0.3	39	0.04	0.034		11	20	0.24	267	0.009	-1	0.96	0.005	0.06	0.2
BKS127	0.6	1.4	12	0.1	2	0.3	50	0.03	0.039		11	15	0.09	267	0.012	-1	0.88	0.006	0.05	0.1
BKS128	4.7	2.7	48	0.5	1.7	0.3	31	0.05	0.105		6	18	0.17	310	0.011	2	1.11	0.009	0.06	0.1
BKS129	7.4	1.2	64	-0.1	0.9	0.2	9	-0.01	0.015		2	12	0.01	1219	-0.001	1	0.23	0.015	0.05	-0.1
BKS130	5.8	0.8	48	0.3	4	0.4	42	0.03	0.098		8	16	0.09	1722	0.005	3	0.97	0.007	0.09	0.1
BKS131	4.7	3.7	50	1.4	8	0.4	56	0.15	0.102		13	20	0.22	3739	0.006	1	0.92	0.006	0.09	0.1
BKS132	5.7	4.1	17	0.7	3.4	0.3	55	0.09	0.252		13	30	0.35	416	0.008	1	1.68	0.006	0.07	0.2
BKS133	5.4	3.9	18	0.2	6.5	0.5	23	0.21	0.03		9	17	0.24	232	0.004	2	0.7	0.006	0.08	0.1
BKS134	6.7	3.4	14	-0.1	8.6	0.4	19	0.24	0.029		7	13	0.18	154	0.003	-1	0.57	0.006	0.07	-0.1
BKS135	6.1	4.1	15	0.2	7.9	0.4	22	0.21	0.034		9	15	0.23	171	0.007	-1	0.64	0.007	0.07	0.1

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BKS1	0.13	4.5	0.1	0.05	3	2.9	-0.2			
BKS2	0.08	6.8	0.1	-0.05	4	1.4	-0.2			
BKS3	0.09	4.9	-0.1	-0.05	2	1.6	-0.2			
BKS4	0.15	2.4	-0.1	-0.05	2	2.6	-0.2			
BKS5	0.14	3.8	-0.1	-0.05	2	1.7	-0.2			
BKS6	0.14	3.9	0.1	-0.05	2	2	-0.2			
BKS7	0.15	3.7	0.1	0.09	2	3.9	-0.2			
BKS8	0.15	4	0.2	0.06	2	2.8	-0.2			
BKS100	0.09	2.4	-0.1	-0.05	3	0.8	-0.2			
BKS101	0.06	4	-0.1	-0.05	3	1	-0.2			
BKS102	0.06	3.6	-0.1	-0.05	4	0.7	-0.2			
BKS103	0.12	5.9	0.1	-0.05	3	1.2	-0.2			
BKS104	0.04	4	-0.1	-0.05	3	0.5	-0.2			
BKS105	0.02	2.4	-0.1	-0.05	6	0.6	-0.2			
BKS106	0.03	2.3	0.1	-0.05	7	0.6	-0.2			
BKS107	0.03	3.1	-0.1	-0.05	3	1	-0.2			
BKS108	0.06	4	-0.1	-0.05	2	1.3	-0.2			
BKS109	0.07	4.3	-0.1	-0.05	2	1.6	-0.2			
BKS110	0.04	4	-0.1	-0.05	2	1	-0.2			
BKS111	0.02	2.3	0.1	-0.05	6	0.6	-0.2			
BKS112	0.05	2.6	0.1	-0.05	4	0.9	-0.2			
BKS113	0.02	2.6	-0.1	-0.05	4	0.5	-0.2			
BKS114	0.05	2.7	0.1	-0.05	4	1	-0.2			
BKS115	0.02	1.9	-0.1	-0.05	5	0.6	-0.2			
BKS116	0.03	3.3	-0.1	-0.05	3	0.9	-0.2			
BKS117	0.05	3.6	0.2	0.07	2	2.8	-0.2			
BKS118	0.43	1.9	0.8	0.17	1	7.5	-0.2			
BKS119	0.25	8.8	0.1	0.06	2	1.6	-0.2			
BKS120	0.09	3.5	0.1	0.07	2	2	-0.2			
BKS121	0.04	4.3	-0.1	-0.05	2	1	-0.2			
BKS122	0.05	3.8	0.1	-0.05	1	1.2	-0.2			
BKS123	0.02	4.2	-0.1	-0.05	2	1.2	-0.2			
BKS124	0.06	2.1	-0.1	-0.05	3	0.7	-0.2			
BKS125	0.03	2.7	-0.1	-0.05	3	1.2	-0.2			
BKS126	0.02	1.8	0.1	-0.05	4	1	-0.2			
BKS127	0.04	1.6	0.1	-0.05	5	1	-0.2			
BKS128	0.12	2.5	0.1	-0.05	3	2	-0.2			
BKS129	0.29	1.1	0.1	0.1	1	2.9	-0.2			
BKS130	0.16	1.6	0.2	0.08	3	2.5	0.2			
BKS131	0.1	4.6	0.2	-0.05	3	2	-0.2			
BKS132	0.16	3.1	0.1	-0.05	5	2	-0.2			
BKS133	0.02	5.4	-0.1	-0.05	2	-0.5	-0.2			
BKS134	0.02	5.1	-0.1	-0.05	2	-0.5	-0.2			
BKS135	0.02	4.8	-0.1	-0.05	2	-0.5	-0.2			

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BKS400	354453	7056141	WHI11001886	Soil	2011	0.8	34.9	45.4	124	0.5	26.7	12.1	423	3.4	29.8
BKS401	354501	7056124	WHI11001886	Soil	2011	0.9	38.1	52.6	133	0.3	30.2	14.4	603	3.67	35.5
BKS402	354541	7056096	WHI11001886	Soil	2011	0.8	35.6	52.1	124	0.5	28.8	14.1	523	3.44	32
BKS403	354588	7056083	WHI11001886	Soil	2011	0.9	38	48.7	121	0.2	30.4	15.4	636	3.64	32.3
BKS404	354625	7056046	WHI11001886	Soil	2011	0.9	38.6	62.8	128	0.3	31.1	16.3	740	3.65	35.4
BKS405	354654	7056005	WHI11001886	Soil	2011	1	37.9	41.9	120	0.4	28.3	12	472	3.77	31.6
BKS406	354670	7055958	WHI11001886	Soil	2011	0.8	32	35.7	112	0.2	25.6	12.6	442	3.37	26.4
BKS407	354677	7055908	WHI11001886	Soil	2011	0.9	27.5	33.6	95	-0.1	20.3	11.5	323	3.16	29.8
BKS408	354685	7055859	WHI11001886	Soil	2011	0.9	35.5	45.6	125	-0.1	27.6	17.6	688	3.67	30.9
BKS409	354684	7055810	WHI11001886	Soil	2011	1.1	27.2	30.1	99	-0.1	23.1	13.7	474	3.37	33.5
BKS410	354636	7055810	WHI11001886	Soil	2011	1	29.1	33.5	99	-0.1	24.7	14.8	480	3.71	30.5
BKS200	353407	7054250	WHI11001886	Soil	2011	1.8	33.7	17.1	78	0.5	17.2	4.4	81	2.97	12.6
BKS201	353443	7054214	WHI11001886	Soil	2011	1.5	33.4	24.2	99	0.5	19.2	4.5	147	4.77	15.7
BKS202	353488	7054190	WHI11001886	Soil	2011	2.3	28.1	19.7	107	1.1	22	6.2	235	4.29	25.7
BKS203	353533	7054164	WHI11001886	Soil	2011	1.9	96	34	194	1.1	47.9	8.2	201	5.85	21.5
BKS204	353582	7054169	WHI11001886	Soil	2011	2.2	24.1	21	115	0.4	22.5	7	257	3.46	25.1
BKS205	353632	7054178	WHI11001886	Soil	2011	2	49.3	27.6	152	0.5	42.6	11.6	253	4.19	27.7
BKS206	353683	7054185	WHI11001886	Soil	2011	3.4	38.7	22.3	126	0.3	36.3	8.4	154	3.3	37.5
BKS207	353730	7054203	WHI11001886	Soil	2011	2.2	25.7	22.1	85	0.3	26	8.8	264	2.78	29.7
BKS208	353776	7054230	WHI11001886	Soil	2011	3.5	24.2	29.9	94	1.1	26.1	7.6	376	2.96	27.2
BKS209	353827	7054235	WHI11001886	Soil	2011	11.3	18.1	18.3	96	3.1	31.6	2.8	90	1.36	17.6
BKS210	353873	7054258	WHI11001886	Soil	2011	2.1	32	14	105	0.8	27.8	6.1	103	2.67	15.9
BKS211	353910	7054292	WHI11001886	Soil	2011	1.9	15.7	19.5	51	0.5	14	4.9	152	2.01	11.3
BKS212	353958	7054312	WHI11001886	Soil	2011	3	35.6	13.8	127	2.4	36.4	7.2	111	2.64	17.6
BKS213	353993	7054346	WHI11001886	Soil	2011	1.7	28.5	24.2	104	0.8	33.6	18.5	930	3.26	30
BKS214	354041	7054361	WHI11001886	Soil	2011	2.6	20.1	20.1	68	0.4	17.7	5.5	191	2.45	23
BKS215	354083	7054389	WHI11001886	Soil	2011	5.2	59.8	34.3	268	0.5	74.4	18	751	3.93	62.6
BKS216	354118	7054347	WHI11001886	Soil	2011	5.5	40.7	32.3	126	0.9	30	7.8	274	2.72	53.4
BKS217	354169	7054338	WHI11001886	Soil	2011	2.9	39.8	17	107	1	30.1	7.2	208	3.18	24.3
BKS218	354219	7054340	WHI11001886	Soil	2011	2.1	24.7	15	124	0.3	29.8	8.9	343	2.85	21.5
BKS220	354321	7054347	WHI11001886	Soil	2011	4.4	20.1	21.6	88	0.6	17.1	6.4	333	3.26	29.3
BKS221	354369	7054372	WHI11001886	Soil	2011	3.8	13.2	21.6	55	0.7	12.7	2.5	57	1.91	15.1
BKS222	354397	7054413	WHI11001886	Soil	2011	19.8	24.4	13.7	81	2.2	23.6	1.7	38	2.18	16.9
BKS223	354442	7054440	WHI11001886	Soil	2011	6.7	27.7	28.6	73	1	16.8	7.2	262	3.78	34.9
BKS224	354484	7054469	WHI11001886	Soil	2011	4.3	101.9	22.3	114	0.8	7.6	1.9	60	6.68	23.4
BKS225	354479	7054520	WHI11001886	Soil	2011	8.5	33.5	12.4	25	4.1	5.4	0.4	17	0.67	6.3
BKS226	354471	7054570	WHI11001886	Soil	2011	63.8	19.2	57.2	27	3.8	6.6	1.6	57	5.39	66.5
BKS227	354457	7054619	WHI11001886	Soil	2011	18.5	13	36.5	37	1.7	7.8	2	57	1.54	29.2
BKS228	354479	7054655	WHI11001886	Soil	2011	0.9	37.6	34.9	115	0.3	26.3	14.9	543	3.98	43.4
BKS229	354528	7054671	WHI11001886	Soil	2011	0.6	33.8	48.7	112	0.3	29.3	15	407	3.45	303.8
BKS230	354573	7054698	WHI11001886	Soil	2011	0.6	36.8	50.5	126	0.2	35.9	19.1	831	3.97	225.1
BKS231	354619	7054726	WHI11001886	Soil	2011	1.1	31.3	228.1	306	0.4	19.9	8.5	204	3.22	154
BKS232	354669	7054732	WHI11001886	Soil	2011	0.9	16.5	24.3	75	-0.1	15.1	6.4	142	2.46	41
BKS233	354706	7054769	WHI11001886	Soil	2011	1.2	21.2	24.5	79	-0.1	14.5	6.6	228	3.11	67.8

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BKS400	2.1	3.1	21	0.2	2.4	0.4	26	0.35	0.06		11	17	0.26	245	0.005	2	0.86	0.008	0.1	0.1
BKS401	3	3.7	16	0.2	3.3	0.4	25	0.2	0.054		11	17	0.24	217	0.005	2	0.75	0.007	0.08	0.1
BKS402	3.6	3.6	17	0.3	3	0.4	26	0.22	0.05		12	17	0.26	234	0.006	1	0.81	0.007	0.08	0.1
BKS403	3	4.9	17	0.2	3.1	0.4	27	0.17	0.059		14	17	0.28	174	0.01	-1	0.75	0.007	0.08	-0.1
BKS404	3.1	4.4	15	0.3	3.1	0.4	25	0.14	0.056		13	17	0.23	165	0.009	2	0.67	0.006	0.08	0.1
BKS405	3.5	3	14	0.2	2.8	0.4	34	0.14	0.051		12	21	0.31	288	0.005	2	1.11	0.01	0.13	0.1
BKS406	2.9	3.3	10	0.1	2.5	0.3	24	0.11	0.035		10	15	0.25	161	0.006	1	0.69	0.005	0.06	-0.1
BKS407	2.2	2	5	-0.1	2.5	0.4	25	0.02	0.034		9	15	0.14	142	0.005	-1	0.67	0.006	0.07	0.1
BKS408	3.1	4.3	7	0.2	3.1	0.4	21	0.04	0.034		9	14	0.2	120	0.006	-1	0.69	0.006	0.08	-0.1
BKS409	1.2	2.2	8	-0.1	3.2	0.4	28	0.04	0.036		9	12	0.12	136	0.005	-1	0.79	0.007	0.07	-0.1
BKS410	0.6	1.9	8	0.1	2.9	0.4	26	0.05	0.044		8	15	0.18	135	0.005	1	0.88	0.005	0.08	0.1
BKS200	0.9	0.2	13	-0.1	1.3	0.4	51	0.01	0.071		8	18	0.06	121	0.012	1	0.72	0.005	0.04	0.1
BKS201	0.7	1.4	20	-0.1	1.1	0.4	43	0.02	0.095		4	25	0.13	129	0.005	-1	1.05	0.006	0.05	-0.1
BKS202	1.4	2.5	12	0.2	2.2	0.4	57	0.03	0.055		9	31	0.25	131	0.018	1	1.33	0.005	0.07	0.2
BKS203	4.1	1.9	12	0.1	2.1	0.4	41	0.03	0.083		4	31	0.18	107	0.006	-1	1.15	0.004	0.04	-0.1
BKS204	3.3	1.4	12	0.3	2	0.3	44	0.05	0.063		10	25	0.35	237	0.015	-1	1.36	0.005	0.06	0.2
BKS205	1.8	1	10	0.3	3.1	0.4	36	0.03	0.095		7	19	0.19	108	0.01	-1	0.84	0.004	0.05	0.1
BKS206	3.4	0.8	12	0.2	3.7	0.3	27	0.01	0.05		4	14	0.15	157	0.004	-1	0.7	0.004	0.05	-0.1
BKS207	3.4	1	14	0.2	2.3	0.3	35	0.12	0.034		9	18	0.28	431	0.007	1	0.85	0.005	0.04	0.2
BKS208	2.9	0.9	28	0.6	2.9	0.4	53	0.04	0.06		11	22	0.31	804	0.01	1	1.06	0.007	0.07	0.2
BKS209	1.3	0.2	12	0.6	3.1	0.3	53	0.02	0.038		10	16	0.04	125	0.012	-1	0.44	0.004	0.05	0.1
BKS210	1.2	0.5	6	0.1	1.9	0.3	32	0.02	0.048		8	8	0.04	95	0.011	1	0.42	0.004	0.04	0.1
BKS211	2.1	0.3	9	0.4	0.9	0.3	37	0.04	0.088		11	14	0.1	394	0.011	-1	0.92	0.008	0.06	0.2
BKS212	1.1	0.2	5	0.2	2.5	0.3	29	0.01	0.061		5	8	0.03	98	0.006	1	0.33	0.003	0.03	-0.1
BKS213	1.2	0.8	11	0.3	1.8	0.3	32	0.06	0.065		10	22	0.34	231	0.009	1	1.16	0.008	0.09	0.1
BKS214	2	0.4	21	0.1	2.1	0.3	47	0.12	0.046		10	18	0.22	271	0.014	2	0.8	0.005	0.07	0.2
BKS215	6.3	0.8	19	0.5	6	0.3	21	0.04	0.09		4	14	0.07	270	0.003	-1	0.52	0.005	0.06	-0.1
BKS216	4.7	1.6	34	0.1	5.8	0.3	23	0.06	0.061		5	14	0.1	942	0.002	2	0.48	0.007	0.08	-0.1
BKS217	3.3	0.5	9	0.1	2.5	0.3	34	0.02	0.052		7	21	0.23	149	0.006	-1	0.83	0.004	0.05	0.2
BKS218	3.4	2.4	9	0.2	1.7	0.3	30	0.04	0.031		9	20	0.28	263	0.007	-1	0.85	0.005	0.05	0.1
BKS220	2.2	1.7	15	0.4	3	0.3	54	0.03	0.058		9	19	0.18	266	0.013	-1	0.95	0.005	0.06	0.2
BKS221	1.1	0.1	22	0.2	1.6	0.3	40	0.02	0.047		6	9	0.03	204	0.006	-1	0.41	0.02	0.05	0.3
BKS222	1.8	-0.1	24	0.3	2.1	0.2	45	0.02	0.076		3	14	0.02	182	0.002	-1	0.32	0.008	0.05	-0.1
BKS223	3.1	1.9	27	0.1	5.3	0.4	47	0.01	0.056		7	16	0.1	293	0.004	-1	0.66	0.008	0.06	-0.1
BKS224	1.5	0.8	21	0.1	5.7	0.7	40	-0.01	0.08		6	12	0.02	758	0.005	2	0.44	0.008	0.07	0.1
BKS225	4.2	2.7	79	0.6	3.6	0.2	29	0.08	0.131		16	13	0.01	957	0.002	3	0.35	0.005	0.07	0.1
BKS226	7	0.8	103	0.3	21.3	0.7	271	0.02	0.141		8	24	0.02	48	0.003	2	0.27	0.014	0.74	0.2
BKS227	4	0.2	42	0.2	7.8	0.3	56	0.02	0.104		9	8	0.03	403	0.003	-1	0.32	0.005	0.09	0.1
BKS228	3.5	3.4	14	0.1	5	0.4	22	0.16	0.034		8	16	0.19	235	0.002	-1	0.65	0.007	0.08	-0.1
BKS229	31	2.9	11	-0.1	15.1	0.4	10	0.17	0.017		5	8	0.11	109	-0.001	-1	0.33	0.004	0.07	-0.1
BKS230	17.2	4.2	12	0.2	17.8	0.5	13	0.11	0.023		7	10	0.13	133	-0.001	-1	0.39	0.005	0.06	-0.1
BKS231	5.1	3.6	12	0.6	28.5	0.5	31	0.16	0.021		9	13	0.16	118	0.006	-1	0.71	0.006	0.05	0.1
BKS232	-0.5	0.5	5	0.1	8.6	0.5	31	0.05	0.026		7	9	0.04	86	0.006	-1	0.47	0.004	0.05	0.1
BKS233	0.7	1.3	4	-0.1	6.3	0.4	34	0.02	0.034		8	10	0.04	50	0.006	-1	0.45	0.003	0.04	0.1

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BKS400	0.03	4.4	-0.1	-0.05	3	0.7	-0.2			
BKS401	0.02	4	0.1	-0.05	2	-0.5	-0.2			
BKS402	0.04	4.3	-0.1	-0.05	2	-0.5	-0.2			
BKS403	0.03	4.3	-0.1	-0.05	2	-0.5	-0.2			
BKS404	0.01	4	-0.1	-0.05	2	0.5	-0.2			
BKS405	0.04	4.1	0.1	-0.05	4	-0.5	-0.2			
BKS406	0.02	3.2	-0.1	-0.05	2	-0.5	-0.2			
BKS407	-0.01	2.7	-0.1	-0.05	3	-0.5	-0.2			
BKS408	0.01	3.6	0.1	-0.05	2	-0.5	-0.2			
BKS409	0.02	2.9	0.1	-0.05	3	-0.5	-0.2			
BKS410	0.01	2.8	-0.1	-0.05	3	-0.5	-0.2			
BKS200	0.03	0.8	0.1	-0.05	6	-0.5	-0.2			
BKS201	0.05	1.7	0.1	-0.05	7	-0.5	-0.2			
BKS202	0.04	2.2	0.1	-0.05	6	1.1	-0.2			
BKS203	0.13	3.4	-0.1	-0.05	4	1.6	-0.2			
BKS204	0.05	2	0.1	-0.05	5	0.6	-0.2			
BKS205	0.04	2.4	0.1	-0.05	4	0.7	-0.2			
BKS206	0.02	2	0.1	-0.05	3	1.1	-0.2			
BKS207	0.02	1.9	0.1	-0.05	3	-0.5	-0.2			
BKS208	0.06	1.7	0.2	-0.05	4	2.4	-0.2			
BKS209	0.05	0.5	0.2	-0.05	4	1.9	-0.2			
BKS210	0.01	1.6	-0.1	-0.05	3	0.7	-0.2			
BKS211	0.05	0.9	-0.1	-0.05	4	-0.5	-0.2			
BKS212	0.02	0.7	-0.1	-0.05	3	0.9	-0.2			
BKS213	0.03	2.2	0.1	-0.05	3	0.9	-0.2			
BKS214	0.03	1.1	0.1	-0.05	5	1.2	-0.2			
BKS215	0.03	2.5	0.1	-0.05	1	2.1	-0.2			
BKS216	0.08	2.3	0.1	-0.05	2	3.1	-0.2			
BKS217	0.05	1.2	0.1	-0.05	3	0.8	-0.2			
BKS218	0.02	1.7	-0.1	-0.05	3	0.7	-0.2			
BKS220	0.05	1.7	0.1	-0.05	4	1.3	-0.2			
BKS221	0.02	0.2	0.1	0.08	3	0.8	-0.2			
BKS222	0.09	0.2	-0.1	0.08	2	4	-0.2			
BKS223	0.04	2.3	0.2	-0.05	3	2.9	-0.2			
BKS224	0.02	0.6	0.1	0.13	4	1.2	0.3			
BKS225	0.18	1	0.5	0.08	-1	13.7	-0.2			
BKS226	0.12	0.6	6.4	1.77	4	67	0.2			
BKS227	0.09	0.4	0.9	0.19	2	4.9	-0.2			
BKS228	0.02	5.1	-0.1	-0.05	2	-0.5	-0.2			
BKS229	0.02	4	-0.1	-0.05	-1	-0.5	-0.2			
BKS230	-0.01	4.7	-0.1	-0.05	1	-0.5	-0.2			
BKS231	0.02	3	0.1	-0.05	3	-0.5	-0.2			
BKS232	-0.01	1.4	-0.1	-0.05	3	-0.5	-0.2			
BKS233	0.01	1.6	-0.1	-0.05	3	-0.5	-0.2			

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BKS234	354715	7054819	WHI11001886	Soil	2011	1.6	20	58.5	101	-0.1	26.2	12.7	302	4.75	1402.1
BKS235	354720	7054870	WHI11001886	Soil	2011	0.8	41.2	43.7	107	-0.1	21.3	11.4	480	4.71	655.3
BKS236	354746	7054913	WHI11001886	Soil	2011	1.3	68.1	43.5	109	0.6	33.9	17.1	942	3.85	219.8
BKS237	354761	7054960	WHI11001886	Soil	2011	1.1	23.3	20	60	-0.1	14.5	6.7	227	2.47	33.7
BKS238	354773	7055007	WHI11001886	Soil	2011	0.7	35.1	106.3	116	0.4	27.3	15.7	577	3.64	40
BKS239	354817	7055030	WHI11001886	Soil	2011	0.8	27.6	35.9	97	-0.1	25.9	12.4	376	3.53	23.6
BKS240	354860	7055055	WHI11001886	Soil	2011	1.3	21.2	23.3	92	-0.1	17.2	7.9	210	3.09	46.5
BKS241	354894	7055094	WHI11001886	Soil	2011	0.9	42.1	39.2	112	0.2	23.3	43.5	2051	4.13	26.6
BKS242	354932	7055127	WHI11001886	Soil	2011	1.7	13.6	31.4	61	0.3	10.4	4.4	188	1.94	30.5
BKS243	354927	7055179	WHI11001886	Soil	2011	1.7	16.6	32.9	80	0.1	12.6	5.9	303	2.55	28.3
BKS244	354901	7055221	WHI11001886	Soil	2011	1.2	23.7	34.6	99	-0.1	17.8	7.7	273	3.13	45.1
BKS245	354905	7055273	WHI11001886	Soil	2011	1.6	21.1	20.4	73	-0.1	15.2	5.8	191	1.97	43.1
BKS246	354918	7055320	WHI11001886	Soil	2011	1.2	32.6	48.8	124	0.9	23.4	12.7	585	2.6	25.8
BKS247	354935	7055367	WHI11001886	Soil	2011	1.5	16	24.3	58	-0.1	13.9	5.1	141	2.08	20.3
BKS248	354922	7055416	WHI11001886	Soil	2011	1.5	26.2	72.2	132	0.1	26.5	17.3	1409	3.61	36
BKS249	354911	7055470	WHI11001886	Soil	2011	0.9	24.5	26.5	37	0.2	12	3.4	112	1.38	10.7
BKS250	354898	7055518	WHI11001886	Soil	2011	1.6	14	21.7	60	-0.1	11.8	5.4	260	2.56	31.3
BKS251	354894	7055568	WHI11001886	Soil	2011	1.6	9.8	19.1	32	-0.1	7.5	3.8	211	1.19	12.9
BKS252	354881	7055617	WHI11001886	Soil	2011	1.4	15.9	21.1	53	-0.1	11.8	6	252	2.35	16.3
BKS253	354870	7055666	WHI11001886	Soil	2011	1.8	20.2	11.2	52	-0.1	13	8.1	257	2.62	18.6
BKS254	354841	7055707	WHI11001886	Soil	2011	0.9	4.5	13.2	18	-0.1	3.3	1.6	97	0.72	6
BKS256	354763	7055769	WHI11001886	Soil	2011	1.2	22.9	25	72	-0.1	16.6	9.4	345	2.5	23.8
BKS257	354721	7055801	WHI11001886	Soil	2011	0.9	35.8	50	123	-0.1	29.2	18.5	632	3.77	41.1
BKS300	354267	7055251	WHI11001886	Soil	2011	1.1	36.6	61.3	137	0.2	26.5	13.3	538	4.53	125.1
BKS301	354215	7055252	WHI11001886	Soil	2011	1.9	22.1	38.9	97	0.2	18.7	7.2	284	3.09	102.5
BKS302	354169	7055255	WHI11001886	Soil	2011	1.4	21.1	49.5	86	0.4	14.4	6.2	252	2.64	153.6
BKS303	354118	7055258	WHI11001886	Soil	2011	1.3	28.4	49.7	110	0.2	21	11.5	429	3.53	149.5
BKS304	354069	7055257	WHI11001886	Soil	2011	1.3	35.8	82.1	164	0.3	32.8	18.8	658	4.29	1147.9
BKS305	354019	7055260	WHI11001886	Soil	2011	1.6	22	55.9	150	1.2	17	6.8	215	2.04	223.1
BKS306	353967	7055262	WHI11001886	Soil	2011	1.5	31.7	94.9	258	1	29.1	13.6	805	4.21	1535.7
BKS600	353782	7054711	WHI11001886	Soil	2011	2.2	30.1	58.1	113	0.6	21.3	11.8	474	3.73	94.4
BKS601	353784	7054764	WHI11001886	Soil	2011	4.1	6.1	39.3	26	1	2.4	0.2	5	0.65	10.9
BKS602	353799	7054809	WHI11001886	Soil	2011	4.3	21.9	41.2	91	1.6	16.9	7.3	281	2.61	46.4
BKS603	353790	7054859	WHI11001886	Soil	2011	5.8	19.9	53.4	89	0.8	15.4	5.2	152	1.96	67.5
BKS604	353767	7054904	WHI11001886	Soil	2011	0.9	31.9	47	134	-0.1	22.2	11.6	305	3.62	315
BKS605	353736	7054944	WHI11001886	Soil	2011	11	45.8	280.8	257	2	22.2	7.9	252	3.08	102.5
BKS605A	353705	7054977	WHI11001886	Soil	2011	22.1	31.7	2520.9	303	11.6	10.1	3.4	160	1.95	103.3
BKS606	353656	7054976	WHI11001886	Soil	2011	9.7	19.8	45.7	101	0.8	17.8	8.1	349	2.57	36.8
BKS607	353624	7054929	WHI11001886	Soil	2011	47.4	66.7	154.2	63	10.7	8.2	0.8	27	1.64	33.6
BKS608	353583	7054899	WHI11001886	Soil	2011	9.6	37.5	91.9	155	2.6	16.6	3.9	100	2.98	97.6
BKS609	353536	7054882	WHI11001886	Soil	2011	9.3	27	39.6	66	2.4	9.7	2.4	48	3.14	100.1
BKS610	353515	7054927	WHI11001886	Soil	2011	3.7	176.3	39	621	4.9	185.6	10.7	389	9.72	120.3
BKS611	353556	7054959	WHI11001886	Soil	2011	16.1	27.3	30.9	110	3.3	19.2	7.4	350	3.39	86
BKS612	353557	7055008	WHI11001886	Soil	2011	6.6	27.6	317.8	106	6.8	21.1	10.4	413	3.97	60.3

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BKS234	9	1.9	7	0.2	14.5	0.5	24	0.01	0.033		6	8	0.04	45	0.004	-1	0.39	0.004	0.05	-0.1
BKS235	11.4	2.1	5	0.1	11	0.5	28	0.02	0.029		8	15	0.15	78	0.004	-1	0.64	0.004	0.05	0.2
BKS236	3.8	2.3	21	0.3	15.8	0.5	23	0.51	0.054		16	15	0.26	173	0.009	-1	0.89	0.006	0.08	0.1
BKS237	1	0.4	4	0.2	9.1	0.4	32	0.02	0.032		7	9	0.03	52	0.006	-1	0.35	0.004	0.04	0.1
BKS238	2.6	2.8	6	0.2	7	0.4	23	0.03	0.033		9	16	0.23	79	0.003	-1	0.84	0.004	0.06	-0.1
BKS239	2	4.2	5	0.1	2.7	0.4	24	0.02	0.014		10	16	0.26	108	0.005	-1	0.92	0.004	0.05	-0.1
BKS240	40.6	1.5	5	0.1	6.3	0.4	38	0.02	0.029		9	11	0.05	44	0.008	-1	0.39	0.003	0.05	0.1
BKS241	1	1.7	9	0.4	3.5	0.7	29	0.06	0.056		7	14	0.11	561	0.004	-1	1.04	0.006	0.06	0.1
BKS242	2.5	0.8	6	-0.1	6.6	0.4	41	0.03	0.027		10	10	0.06	55	0.013	-1	0.54	0.004	0.04	0.1
BKS243	2.6	1.3	8	0.1	5.2	0.3	43	0.04	0.035		12	15	0.14	74	0.022	-1	0.79	0.004	0.05	0.2
BKS244	1.7	1.3	7	0.1	6	0.4	34	0.03	0.029		10	15	0.22	75	0.015	-1	0.76	0.004	0.05	0.2
BKS245	-0.5	0.3	8	0.1	3.1	0.3	37	0.04	0.026		11	9	0.05	159	0.007	-1	0.44	0.004	0.05	0.1
BKS246	2.2	1.1	47	0.5	3.1	0.4	31	0.63	0.06		10	18	0.36	266	0.011	1	1.04	0.008	0.07	0.1
BKS247	-0.5	0.5	6	0.1	2.8	0.4	42	0.02	0.025		11	10	0.05	65	0.012	-1	0.52	0.004	0.05	0.2
BKS248	2.7	1.5	19	0.2	3.5	0.4	31	0.12	0.05		9	16	0.22	138	0.01	-1	0.86	0.006	0.06	0.2
BKS249	1	0.5	17	0.3	1.2	0.4	32	0.15	0.035		9	12	0.11	170	0.008	-1	0.82	0.006	0.06	0.1
BKS250	1.7	2.1	8	-0.1	1.8	0.5	52	0.04	0.024		12	15	0.15	77	0.036	-1	0.69	0.004	0.06	0.2
BKS251	2.4	1.5	7	-0.1	1.2	0.4	43	0.04	0.017		15	8	0.06	68	0.025	-1	0.48	0.003	0.04	0.2
BKS252	-0.5	1.2	5	-0.1	1.4	0.4	37	0.02	0.027		10	12	0.11	70	0.004	-1	0.67	0.004	0.04	0.2
BKS253	-0.5	0.8	4	-0.1	1.7	0.4	51	0.02	0.027		11	9	0.04	53	0.008	-1	0.37	0.003	0.04	0.2
BKS254	-0.5	1.1	6	-0.1	0.6	0.3	40	0.03	0.014		16	8	0.04	70	0.026	1	0.5	0.004	0.05	0.1
BKS256	1.9	1	9	-0.1	2.1	0.3	39	0.06	0.031		11	15	0.15	59	0.016	2	0.58	0.006	0.05	0.1
BKS257	1.6	2.6	5	-0.1	3.7	0.4	17	0.02	0.028		7	10	0.11	84	0.003	-1	0.64	0.005	0.07	-0.1
BKS300	4.7	1.6	6	0.1	9.6	0.4	25	0.01	0.044		7	16	0.15	80	0.004	-1	0.8	0.003	0.05	0.1
BKS301	3	1	9	0.2	4.8	0.3	44	0.04	0.037		11	25	0.28	82	0.021	-1	1.13	0.004	0.05	0.2
BKS302	6.9	0.5	8	0.2	7.3	0.3	39	0.03	0.034		9	18	0.15	71	0.012	-1	0.86	0.003	0.05	0.1
BKS303	4.1	0.9	8	0.2	8	0.4	37	0.03	0.035		9	21	0.21	84	0.011	1	0.95	0.004	0.05	0.2
BKS304	37.5	2.3	11	0.5	17.9	0.5	27	0.04	0.029		8	16	0.17	96	0.009	-1	0.68	0.004	0.05	0.1
BKS305	2.8	0.5	6	0.1	15	0.3	30	-0.01	0.029		8	7	0.02	44	0.006	-1	0.23	0.002	0.04	0.1
BKS306	50.1	1.3	13	1.8	15.7	0.5	42	0.04	0.046		10	18	0.16	102	0.016	1	0.86	0.004	0.07	0.2
BKS600	4.8	1.8	12	0.1	7.9	0.3	31	0.01	0.038		6	15	0.11	124	0.004	-1	0.86	0.004	0.05	0.1
BKS601	3.7	0.6	2	-0.1	5.5	0.2	10	-0.01	0.007		1	5	-0.01	138	-0.001	1	0.14	-0.001	0.04	-0.1
BKS602	4.9	1.1	27	0.1	7.2	0.3	40	0.11	0.151		8	18	0.18	164	0.012	1	0.61	0.005	0.06	0.1
BKS603	5.8	0.3	16	0.2	7	0.2	42	0.04	0.069		8	13	0.15	109	0.006	1	0.69	0.004	0.05	0.1
BKS604	4.7	1.5	6	0.1	9.9	0.4	22	0.01	0.04		7	10	0.05	57	0.002	-1	0.47	0.004	0.05	-0.1
BKS605	4.6	0.7	19	0.8	14.8	0.3	35	0.03	0.09		7	13	0.11	88	0.005	-1	0.68	0.003	0.05	0.1
BKS605A	8.5	1.2	45	3.2	26.7	0.4	19	0.07	0.067		5	7	0.05	171	0.002	2	0.3	0.003	0.08	-0.1
BKS606	1.2	0.4	10	0.4	4.7	0.3	34	0.02	0.078		8	14	0.13	152	0.003	1	0.72	0.006	0.07	-0.1
BKS607	4.9	1.8	113	1.5	24.4	0.4	748	0.22	0.299		9	38	0.03	1512	0.009	8	0.71	0.005	0.3	0.6
BKS608	3.1	0.2	206	0.7	6.8	0.5	50	0.03	0.118		8	13	0.03	391	0.005	2	0.39	0.005	0.11	0.2
BKS609	1.6	0.5	74	0.2	3.4	0.3	42	0.01	0.065		5	10	0.02	248	0.009	1	0.3	0.011	0.1	0.1
BKS610	15.9	1.5	44	1.8	6	0.8	81	0.12	0.132		5	26	0.06	6036	0.006	3	1.47	0.003	0.06	-0.1
BKS611	4.6	0.8	71	0.9	12.2	0.4	42	0.21	0.244		9	19	0.12	530	0.011	3	0.87	0.007	0.13	0.2
BKS612	4	0.7	7	0.2	10	0.3	30	0.02	0.048		7	15	0.11	110	0.008	-1	0.74	0.004	0.07	0.1

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BKS234	0.01	2.3	-0.1	-0.05	2	-0.5	-0.2			
BKS235	0.01	3.6	-0.1	-0.05	3	-0.5	-0.2			
BKS236	0.03	6.8	-0.1	-0.05	2	-0.5	-0.2			
BKS237	0.02	1.1	-0.1	-0.05	3	-0.5	-0.2			
BKS238	0.02	3.2	-0.1	-0.05	2	-0.5	-0.2			
BKS239	-0.01	3.1	-0.1	-0.05	3	-0.5	-0.2			
BKS240	0.01	1.9	-0.1	-0.05	3	-0.5	-0.2			
BKS241	0.04	2.8	-0.1	-0.05	3	-0.5	-0.2			
BKS242	0.01	0.9	-0.1	-0.05	5	-0.5	-0.2			
BKS243	0.02	1.3	-0.1	-0.05	5	-0.5	-0.2			
BKS244	0.02	1.9	-0.1	-0.05	4	-0.5	-0.2			
BKS245	0.02	0.7	-0.1	-0.05	3	-0.5	-0.2			
BKS246	0.04	2.5	0.1	0.05	3	-0.5	-0.2			
BKS247	0.02	0.9	-0.1	-0.05	4	-0.5	-0.2			
BKS248	0.01	2.6	-0.1	-0.05	3	-0.5	-0.2			
BKS249	0.02	1.1	-0.1	-0.05	4	-0.5	-0.2			
BKS250	0.02	1.4	-0.1	-0.05	5	-0.5	-0.2			
BKS251	0.02	0.8	-0.1	-0.05	4	-0.5	-0.2			
BKS252	-0.01	1.2	-0.1	-0.05	4	-0.5	-0.2			
BKS253	-0.01	1.6	-0.1	-0.05	4	-0.5	-0.2			
BKS254	0.01	0.7	-0.1	-0.05	5	-0.5	-0.2			
BKS256	0.01	2.3	0.1	-0.05	3	-0.5	-0.2			
BKS257	0.01	3.4	-0.1	-0.05	2	-0.5	-0.2			
BKS300	0.02	3.1	-0.1	-0.05	2	-0.5	-0.2			
BKS301	0.02	1.9	0.1	-0.05	4	0.7	-0.2			
BKS302	0.02	1.4	0.1	-0.05	4	-0.5	-0.2			
BKS303	0.03	2.1	0.1	-0.05	3	-0.5	-0.2			
BKS304	0.01	3.9	0.1	-0.05	2	-0.5	-0.2			
BKS305	0.01	1.3	0.1	-0.05	2	-0.5	-0.2			
BKS306	0.03	3.3	0.2	-0.05	3	0.7	-0.2			
BKS600	0.05	2.9	0.1	-0.05	2	1.2	-0.2			
BKS601	0.09	0.3	-0.1	-0.05	-1	3.3	-0.2			
BKS602	0.06	1.7	0.1	0.05	3	2.3	-0.2			
BKS603	0.03	0.6	0.2	-0.05	3	1.1	-0.2			
BKS604	0.01	2.9	-0.1	-0.05	2	-0.5	-0.2			
BKS605	0.05	1.6	0.5	-0.05	2	1.6	-0.2			
BKS605A	0.07	2	0.7	0.1	1	1.3	-0.2			
BKS606	0.03	1	0.2	-0.05	3	1.2	-0.2			
BKS607	0.36	1.6	2.1	0.23	8	33.1	0.2			
BKS608	0.04	0.5	0.2	0.16	3	2.4	0.3			
BKS609	0.04	0.9	0.3	0.16	2	6.3	0.3			
BKS610	0.2	7.3	0.2	-0.05	3	5.7	0.8			
BKS611	0.15	1.1	0.3	0.24	2	14.4	0.2			
BKS612	0.09	1.6	0.2	-0.05	3	3.8	-0.2			

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BKS613	353591	7055044	WHI11001886	Soil	2011	5.5	24.7	53.3	120	0.8	22	8.8	549	2.68	59.3
BKS614	353636	7055068	WHI11001886	Soil	2011	14.6	14.6	134.5	107	2.2	13.3	7.5	185	2.8	54
BKS615	353678	7055089	WHI11001886	Soil	2011	1.8	25.3	45.3	87	0.5	17.9	9.6	362	3.08	39.5
BKS616	353746	7055103	WHI11001886	Soil	2011	5	20.9	496.7	111	27.1	34.2	2.3	53	0.82	17.8
BKS617	353791	7055079	WHI11001886	Soil	2011	0.9	32.2	48.1	131	0.2	24.5	14.8	623	3.57	72.4
BKS618	353804	7055029	WHI11001886	Soil	2011	1.7	28.6	76.2	102	0.3	15.7	8.1	282	3.73	89.8
BKS619	353841	7054995	WHI11001886	Soil	2011	1.3	23.8	45.8	95	0.2	16.4	9.1	483	3.73	72.8
BKS620	353876	7054964	WHI11001886	Soil	2011	1.5	44.4	465.9	210	10.6	21.5	13.8	537	4.27	151.7
BKS621	353888	7054916	WHI11001886	Soil	2011	2.6	34.6	209.3	179	2.2	14.9	9.2	414	4.29	107.9
BKS622	353922	7054880	WHI11001886	Soil	2011	1	32.7	50.1	110	-0.1	18.4	11.9	435	3.91	81.6
BKS623	353928	7054836	WHI11001886	Soil	2011	9.6	11.6	8.1	51	0.8	6	1.3	24	0.65	10.5
BKS500	354075	7055433	WHI11001886	Soil	2011	0.4	4.2	33.3	51	0.7	3.5	1.1	43	0.39	41.8
BKS501	354109	7055396	WHI11001886	Soil	2011	2	32.1	71.3	155	0.2	30.1	19.2	743	4.22	92.9
BKS502	354135	7055368	WHI11001886	Soil	2011	1.9	36.2	45	148	0.2	25.5	18.3	899	3.37	99.4
BKS503	354137	7055368	WHI11001886	Soil	2011	1.3	79.2	995.1	763	25.8	52.6	38.1	1664	6.08	2025.9
BKS504	354206	7055318	WHI11001886	Soil	2011	1.1	378.3	6552.1	1684	51.5	32.3	20.4	1475	8.81	5452.8
BKS505	354245	7055298	WHI11001886	Soil	2011	1.6	29.1	67.9	113	0.8	20.2	9.7	282	3.72	113
BKS506	354267	7055271	WHI11001886	Soil	2011	1.2	71.5	88.4	189	0.5	36.6	16.7	409	5.27	434.7
BKS508	354300	7055253	WHI11001886	Soil	2011	0.9	19.5	63.1	90	0.9	15.7	7.3	278	2.81	85.6
BKS509	354343	7055248	WHI11001886	Soil	2011	1.5	23.5	148.7	94	2.4	16.3	8.2	477	2.62	93.1
BKS510	354378	7055226	WHI11001886	Soil	2011	1	61.2	76	216	1.3	55.6	28.8	1701	5.44	345.3
BKS511	354421	7055269	WHI11001886	Soil	2011	1.5	27.3	65.8	115	1.1	23.4	10.6	302	4.13	80.6
BKS512	354455	7055295	WHI11001886	Soil	2011	1.6	20	47.4	81	0.9	15.3	6.4	230	3.29	72
BKS513	354405	7055204	WHI11001886	Soil	2011	1.1	29.4	30.2	117	-0.1	24	12.1	350	4.19	93.3
BKS514	354418	7055163	WHI11001886	Soil	2011	1.2	24.3	29.5	95	-0.1	21.6	10.2	425	3.18	56.9
BKS515	354429	7055121	WHI11001886	Soil	2011	1.3	29.9	28.7	132	0.1	25.5	11.9	378	3.76	300.6
BKS516	354441	7055086	WHI11001886	Soil	2011	0.6	36.1	50.3	117	-0.1	23.4	16.3	794	4.79	96.9
BKS517	354454	7055045	WHI11001886	Soil	2011	0.9	32.8	29.2	102	-0.1	19.8	12.6	443	4.17	93.9
BKS518	354470	7055008	WHI11001886	Soil	2011	1.2	23.4	32.6	95	-0.1	17.6	8.8	448	3.65	66.2
BKS519	354465	7054968	WHI11001886	Soil	2011	1.3	52	93.9	220	0.5	24.9	16.5	1120	4.84	108.9
BKS520	354456	7054933	WHI11001886	Soil	2011	1	25.8	52.9	132	-0.1	22.1	12.2	465	4.16	1444.4
BKS521	354416	7054894	WHI11001886	Soil	2011	0.9	30.2	117.7	224	0.3	27	14.4	1249	5.1	270.7
BKS522	354403	7054863	WHI11001886	Soil	2011	1.1	35	48.9	85	0.1	34.4	16.9	500	5.55	814.8
BKS523	354387	7054840	WHI11001886	Soil	2011	1.1	42.9	103.3	217	0.9	35.1	22.4	1084	5.04	112.6
BKS524	354345	7054827	WHI11001886	Soil	2011	1	44	90	183	0.2	33.7	17.8	1089	5.22	146.2
BKS525	354304	7054809	WHI11001886	Soil	2011	0.8	51	96.5	204	0.4	37.1	21.2	1060	5.86	143.4
BKS526	354264	7054777	WHI11001886	Soil	2011	0.7	46.6	76.5	502	0.4	45.9	19.2	897	5.56	122.7
BKS527	354235	7054775	WHI11001886	Soil	2011	0.7	20.7	58.5	131	0.3	19.7	10	658	3.57	54.5
BKS528	354205	7054743	WHI11001886	Soil	2011	1.4	36.7	76.8	263	0.6	29.1	12.7	492	3.99	258.3
BKS529	354206	7054703	WHI11001886	Soil	2011	6.9	27.3	57.1	104	1.1	22.8	9.1	492	2.29	48.1
BKS530	354224	7054675	WHI11001886	Soil	2011	13	32.5	66.5	145	1.6	22	9.7	566	2.84	81.8
BKS531	354256	7054646	WHI11001886	Soil	2011	24.6	91.8	22.6	147	7.6	38.9	1.6	103	2.33	83.1
BKS532	354288	7054622	WHI11001886	Soil	2011	19.1	66.7	15.5	83	2.4	32.2	2.8	141	1.44	35.2
BKS533	354310	7054599	WHI11001886	Soil	2011	7.2	55.2	31.4	69	1.3	16.6	4.4	213	2.11	30.4

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BKS613	204	0.4	24	0.6	6.3	0.3	37	0.06	0.102		9	15	0.15	132	0.008	2	0.72	0.005	0.07	0.1
BKS614	5.1	-0.1	54	1.2	10.5	0.3	102	0.05	0.258		6	14	0.08	375	0.003	3	0.71	0.009	0.1	0.1
BKS615	1.8	0.6	6	0.2	4.5	0.4	22	0.02	0.08		8	13	0.13	86	0.003	-1	0.66	0.006	0.07	-0.1
BKS616	1.9	0.1	60	4.1	6.5	0.3	30	0.28	0.158		6	28	0.11	280	0.001	1	0.69	0.01	0.11	0.1
BKS617	3.3	1.8	8	0.2	7.7	0.3	22	0.02	0.032		9	13	0.12	131	0.003	-1	0.63	0.005	0.08	-0.1
BKS618	2.9	0.3	6	0.2	30.3	0.4	28	0.02	0.045		6	12	0.07	81	0.008	-1	0.61	0.006	0.05	-0.1
BKS619	1.6	0.5	8	0.1	5.2	0.3	32	0.02	0.047		8	15	0.09	144	0.006	-1	0.85	0.006	0.07	0.1
BKS620	32.9	3.4	7	0.4	16.9	0.5	18	0.03	0.024		6	12	0.07	157	0.002	-1	0.45	0.004	0.05	-0.1
BKS621	27	0.6	4	0.2	16.1	0.4	22	0.01	0.042		5	13	0.09	62	0.004	-1	0.65	0.003	0.04	0.1
BKS622	3.8	3.2	8	0.1	9.2	0.4	22	0.01	0.022		7	14	0.12	124	0.003	-1	0.63	0.004	0.06	-0.1
BKS623	-0.5	-0.1	8	-0.1	4.2	-0.1	35	-0.01	0.027		4	7	0.01	197	0.003	2	0.2	0.005	0.04	-0.1
BKS500	1.3	2.5	7	0.3	5.7	0.2	5	0.01	0.006		3	3	-0.01	78	-0.001	-1	0.16	0.002	0.06	-0.1
BKS501	2.8	1.9	7	0.1	8	0.5	22	0.02	0.039		7	15	0.15	75	0.005	2	0.78	0.004	0.06	0.1
BKS502	2	0.8	9	-0.1	7.7	0.6	37	0.03	0.046		10	14	0.1	90	0.014	2	0.52	0.004	0.05	0.1
BKS503	140.8	1.8	13	4.5	53.6	0.7	23	0.03	0.047		9	13	0.1	162	0.007	2	0.52	0.003	0.06	0.3
BKS504	341.5	1.1	8	4	814.8	0.8	26	0.02	0.052		6	11	0.05	144	0.005	-1	0.4	0.003	0.04	0.2
BKS505	6.9	0.3	8	0.2	10.8	0.4	36	0.03	0.047		9	18	0.15	87	0.011	-1	0.94	0.005	0.07	0.1
BKS506	10.7	2.3	11	0.2	62.2	0.8	26	0.01	0.048		6	15	0.1	75	0.002	1	0.56	0.003	0.07	0.1
BKS508	11.6	0.4	10	0.1	6.5	0.4	31	0.1	0.04		7	14	0.15	145	0.007	-1	0.75	0.005	0.05	0.1
BKS509	4.4	0.3	12	0.2	7.6	0.4	33	0.1	0.061		8	16	0.16	193	0.008	2	0.84	0.006	0.08	0.1
BKS510	13.9	2.4	15	0.3	35.4	0.7	21	0.19	0.061		9	15	0.2	316	0.003	2	0.81	0.005	0.08	-0.1
BKS511	3.2	0.8	10	0.3	6.9	0.4	39	0.08	0.039		10	20	0.24	126	0.013	-1	0.99	0.005	0.05	0.2
BKS512	-0.5	0.6	7	0.2	4.5	0.4	48	0.03	0.036		12	20	0.16	82	0.017	-1	1.03	0.004	0.05	0.1
BKS513	0.6	1.5	8	-0.1	8.7	0.5	25	0.07	0.027		8	13	0.12	148	0.004	-1	0.62	0.005	0.04	-0.1
BKS514	2.1	0.7	11	0.2	8.1	0.4	35	0.07	0.036		12	18	0.25	176	0.009	-1	1.01	0.006	0.06	0.1
BKS515	4.7	1.4	13	0.3	8.5	0.5	33	0.13	0.037		11	20	0.31	143	0.015	2	0.84	0.006	0.06	0.1
BKS516	2.5	2.5	6	-0.1	8.2	0.5	21	0.01	0.032		6	15	0.09	81	0.003	-1	0.63	0.004	0.05	-0.1
BKS517	3.2	0.7	6	0.1	8.2	0.5	27	0.02	0.036		7	13	0.07	78	0.004	-1	0.6	0.004	0.05	-0.1
BKS518	1.4	0.7	9	0.1	6.2	0.4	37	0.04	0.043		10	16	0.14	88	0.014	1	0.77	0.006	0.05	0.1
BKS519	47.2	0.9	7	-0.1	25.1	0.5	27	0.01	0.049		7	14	0.06	90	0.005	-1	0.48	0.003	0.05	0.1
BKS520	6.4	0.8	9	0.2	16.9	0.5	20	0.02	0.038		7	10	0.04	93	0.005	-1	0.47	0.004	0.05	0.1
BKS521	18.7	1.3	9	0.2	36.6	0.4	24	0.09	0.053		8	14	0.11	163	0.004	-1	0.7	0.005	0.06	0.1
BKS522	7.1	0.7	13	-0.1	27.9	0.6	17	0.03	0.046		7	8	0.03	83	0.004	1	0.36	0.004	0.06	-0.1
BKS523	6.1	1.3	7	0.3	19.6	0.6	25	0.07	0.046		7	13	0.1	159	0.004	1	0.66	0.005	0.06	-0.1
BKS524	3.6	1.1	10	0.3	23.8	0.5	20	0.1	0.051		6	11	0.08	171	0.004	1	0.47	0.004	0.06	-0.1
BKS525	4.4	1.9	15	0.4	29.8	0.6	15	0.25	0.045		6	9	0.06	196	0.002	2	0.34	0.004	0.06	0.1
BKS526	10.3	2.8	15	1.3	61	0.5	19	0.22	0.05		7	12	0.09	170	0.005	1	0.58	0.004	0.06	0.1
BKS527	9	1.6	9	0.5	18.5	0.4	14	0.1	0.038		5	9	0.04	132	0.004	-1	0.38	0.003	0.04	-0.1
BKS528	10	2.6	14	0.6	19.7	0.5	24	0.05	0.031		8	13	0.15	130	0.005	-1	0.61	0.004	0.05	0.1
BKS529	3.6	1.3	78	0.7	9	0.2	69	0.21	0.241		12	18	0.23	494	0.016	2	0.92	0.005	0.07	0.2
BKS530	5.7	0.6	67	0.8	13.5	0.3	78	0.09	0.123		9	13	0.11	696	0.009	1	0.64	0.005	0.09	0.2
BKS531	3.6	2.7	253	1.9	29.1	0.4	67	0.36	0.376		11	26	0.02	362	0.004	4	0.78	0.01	0.15	0.2
BKS532	2.5	1	93	1.1	7.7	0.2	52	0.23	0.218		11	14	0.09	1848	0.008	2	0.97	0.004	0.08	0.2
BKS533	11.4	1.3	49	0.2	11.9	0.5	29	0.03	0.065		11	14	0.06	1926	0.007	2	0.66	0.005	0.05	0.1

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BKS613	0.03	1.1	0.3	-0.05	2	2.1	-0.2			
BKS614	0.11	0.3	0.8	0.08	3	3.9	-0.2			
BKS615	0.03	1.1	0.1	-0.05	2	0.5	-0.2			
BKS616	0.14	0.4	0.3	0.07	3	4.1	-0.2			
BKS617	0.02	2.9	-0.1	-0.05	2	-0.5	-0.2			
BKS618	0.01	1.4	0.1	-0.05	3	-0.5	-0.2			
BKS619	0.03	1.5	0.1	-0.05	3	-0.5	-0.2			
BKS620	0.04	4.8	-0.1	-0.05	1	-0.5	-0.2			
BKS621	0.03	2.1	0.1	-0.05	2	0.6	-0.2			
BKS622	0.01	3.8	-0.1	-0.05	2	-0.5	-0.2			
BKS623	0.02	0.2	0.2	-0.05	1	3.1	-0.2			
BKS500	0.02	1.5	0.3	-0.05	-1	-0.5	-0.2			
BKS501	0.03	3.9	0.1	-0.05	2	-0.5	-0.2			
BKS502	0.02	2.4	0.2	-0.05	3	0.6	-0.2			
BKS503	0.05	5.2	0.2	-0.05	2	-0.5	-0.2			
BKS504	0.41	4.2	0.1	-0.05	3	-0.5	-0.2			
BKS505	0.04	1.3	0.1	-0.05	5	-0.5	-0.2			
BKS506	0.02	4.6	0.1	-0.05	2	-0.5	-0.2			
BKS508	0.02	1.4	0.1	-0.05	4	-0.5	-0.2			
BKS509	0.03	1	0.1	-0.05	4	-0.5	-0.2			
BKS510	0.06	8.7	0.2	-0.05	2	-0.5	-0.2			
BKS511	0.01	2.1	-0.1	-0.05	4	-0.5	-0.2			
BKS512	0.03	1.5	0.2	-0.05	5	-0.5	-0.2			
BKS513	0.02	3.1	-0.1	-0.05	3	-0.5	-0.2			
BKS514	0.01	2	0.1	-0.05	4	-0.5	-0.2			
BKS515	0.02	3.7	-0.1	-0.05	3	-0.5	-0.2			
BKS516	-0.01	4	-0.1	-0.05	2	-0.5	-0.2			
BKS517	0.02	2.5	-0.1	-0.05	3	-0.5	-0.2			
BKS518	0.02	1.9	-0.1	-0.05	4	-0.5	-0.2			
BKS519	0.02	2.7	-0.1	-0.05	2	-0.5	-0.2			
BKS520	0.01	1.9	-0.1	-0.05	2	-0.5	-0.2			
BKS521	0.04	3.3	-0.1	-0.05	2	-0.5	-0.2			
BKS522	0.02	2.7	-0.1	-0.05	2	-0.5	-0.2			
BKS523	0.03	4.5	0.1	-0.05	2	-0.5	-0.2			
BKS524	0.03	4.7	0.1	-0.05	2	-0.5	-0.2			
BKS525	0.04	7.7	0.2	-0.05	1	-0.5	-0.2			
BKS526	0.04	7.1	0.2	-0.05	1	0.6	-0.2			
BKS527	0.02	3	0.3	-0.05	1	-0.5	-0.2			
BKS528	0.02	4.7	0.1	-0.05	2	-0.5	-0.2			
BKS529	0.08	2.1	0.3	-0.05	3	3.3	-0.2			
BKS530	0.12	1.9	0.5	0.08	2	4.1	-0.2			
BKS531	0.43	3.8	1	0.33	2	11	-0.2			
BKS532	0.41	1.5	0.6	0.09	2	8.1	-0.2			
BKS533	0.11	1.6	0.1	0.07	2	3.7	0.5			

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BKS534	354335	7054573	WHI11001886	Soil	2011	5	31.2	30.4	36	2.7	11	2.4	75	2.1	30.2
BKS535	354355	7054536	WHI11001886	Soil	2011	5.1	30.6	28.8	29	5.7	8.2	2.2	94	1.3	19
BKS536	354338	7054505	WHI11001886	Soil	2011	4.5	18.2	22.5	20	3.3	4.5	1.2	62	1.45	23.6
BKS537	354314	7054455	WHI11001886	Soil	2011	33.4	319.7	12.9	485	7	172.6	2.2	202	3.42	82.4
BKS538	354294	7054423	WHI11001886	Soil	2011	7.9	64.9	19.5	340	2.1	122.3	10.2	208	4	33.6
BKS539	354255	7054396	WHI11001886	Soil	2011	4.6	56.9	26.4	288	0.6	65.5	15.2	422	4.95	55.9
BKS540	354215	7054381	WHI11001886	Soil	2011	2.9	33.9	21	168	0.5	32.5	9.8	373	3.56	23.4
BKS541	354178	7054372	WHI11001886	Soil	2011	4	90.6	29.1	206	1.2	60.8	11.9	405	4.17	41.5
BKS542	354126	7054363	WHI11001886	Soil	2011	4.6	44.8	26.8	143	0.9	38.2	11.4	505	3.01	53.4
BKS543	354087	7054381	WHI11001886	Soil	2011	4.4	49.2	25.9	132	0.6	35.7	10.1	355	3.35	38.5
BKS544	354060	7054345	WHI11001886	Soil	2011	3.6	54.2	34.5	138	0.6	35.9	14.7	607	3.81	50.1
BKS545	354048	7054331	WHI11001886	Soil	2011	2.2	45.8	33.5	140	0.4	39.7	15.2	612	3.76	33.5
BKS546	354016	7054298	WHI11001886	Soil	2011	1.8	28.7	24.8	96	0.5	31.6	14	694	3.23	34.3
BKS547	353983	7054271	WHI11001886	Soil	2011	2.6	34.6	19.4	105	0.5	32.6	9.8	282	3.26	19.2
BKS548	353947	7054253	WHI11001886	Soil	2011	12.7	50.2	20	179	1	59	7.4	166	2.84	28.1
BKS549	353913	7054204	WHI11001886	Soil	2011	4.7	45.2	29	165	2.2	58.1	16.1	550	5.1	22.7
BKS550	353920	7054175	WHI11001886	Soil	2011	47.6	46.4	33.8	110	2.9	36.7	6.1	229	3.2	87.3
BKS551	353941	7054144	WHI11001886	Soil	2011	3.4	20.3	22	83	0.3	26.1	8.5	249	3	24.5
BKS552	353968	7054089	WHI11001886	Soil	2011	2.8	53.2	23.4	126	0.5	33.7	12.2	359	4.55	33.6
BKS553	353983	7054044	WHI11001886	Soil	2011	2.4	127.7	23.1	126	0.4	41.8	9.4	235	3.16	23.4
BKS554	353951	7054014	WHI11001886	Soil	2011	3.4	70.2	45.1	143	0.4	32.1	8.1	242	3.16	56.5
BKS555	353907	7053995	WHI11001886	Soil	2011	2.3	42.4	23.3	130	0.3	40.6	15.8	729	3.58	25.2
BKS556	353867	7053982	WHI11001886	Soil	2011	1.4	42.4	30.8	176	0.2	52.2	16.7	483	2.83	30.4
BKS557	353828	7053969	WHI11001886	Soil	2011	2.2	32.1	21.9	130	0.4	39.6	13.2	562	2.95	19.3
BKS558	353784	7053962	WHI11001886	Soil	2011	1.5	29.5	16.1	95	0.1	25.7	7.5	258	3.16	19.8
BKS559	353751	7053961	WHI11001886	Soil	2011	5.4	53.9	26.6	139	0.8	39	9.7	351	2.83	29.6
BKS560	353717	7053950	WHI11001886	Soil	2011	2.9	45	27.6	122	0.5	34.9	13	452	3.43	28.6
BKS561	353677	7053934	WHI11001886	Soil	2011	4.1	43.6	43.3	125	0.9	33.6	12.7	508	3.21	46.5
BKS41	354160	7053517	WHI11001886	Soil	2011	2.6	46	22.6	104	0.4	34	13.5	691	3.58	35.7
BKS42	354181	7053551	WHI11001886	Soil	2011	1.7	27.3	15.4	77	0.6	29.5	9.1	255	2.59	31.6
BKS43	354214	7053585	WHI11001886	Soil	2011	1.9	40.8	24.8	118	0.3	36.3	14.3	741	3.44	54.4
BKS44	354247	7053627	WHI11001886	Soil	2011	3.7	44.7	23.1	99	1	33.9	11.6	636	3.1	37.1
BKS45	354283	7053660	WHI11001886	Soil	2011	4.7	44.5	21.7	108	1.2	32.6	8.9	393	2.86	30.9
BKS46	354312	7053699	WHI11001886	Soil	2011	3.7	45	16.6	80	1.8	25.1	7	370	2.35	24.2
BKS47	354347	7053735	WHI11001886	Soil	2011	2.5	26.9	22.6	91	0.3	24.5	12.7	698	3.35	32.6
BKS49	354406	7053811	WHI11001886	Soil	2011	4.6	37.4	23	121	1	31	9.9	412	2.57	29.8
BKS50	354438	7053849	WHI11001886	Soil	2011	3	43.1	27.6	129	0.8	37	14.8	666	3.7	30.9
BKS51	354471	7053883	WHI11001886	Soil	2011	4.3	42.9	20.3	126	1.2	38.7	11.7	371	3.15	35
BK-08-S-01	354405	7055251	AK2008-1583	Soil	2008	4	45	44	143	0.2	33	21	1215	6.41	65
BK-08-S-02	354422	7055269	AK2008-1583	Soil	2008	3	38	64	135	-0.2	31	18	450	4.85	140
BK-08-S-03	354439	7055287	AK2008-1583	Soil	2008	3	28	94	149	1.4	24	13	220	5.06	1335
BK-08-S-04	354456	7055304	AK2008-1583	Soil	2008	3	43	86	132	1.7	41	24	507	4.77	145
BK-08-S-05	354473	7055322	AK2008-1583	Soil	2008	3	58	282	282	1.8	24	14	353	4.92	895
BK-08-S-06	354490	7055340	AK2008-1583	Soil	2008	3	41	60	130	-0.2	36	22	569	4.60	90

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BKS534	14.3	0.8	49	-0.1	4.1	0.6	33	0.02	0.04		6	11	0.03	1693	0.01	2	0.55	0.005	0.05	-0.1
BKS535	11.9	1.4	90	0.2	2.4	0.6	18	0.02	0.032		5	11	0.04	647	0.003	2	0.43	0.025	0.07	-0.1
BKS536	8.9	1	42	-0.1	1.8	0.3	23	0.01	0.033		5	15	0.04	728	0.005	3	0.5	0.014	0.1	-0.1
BKS537	6.7	2.2	265	3	3.5	0.2	71	0.67	0.399		6	112	0.03	849	0.003	3	0.82	0.01	0.11	0.1
BKS538	10.4	1.4	87	0.6	3.5	0.3	14	0.07	0.121		3	8	0.02	281	0.003	2	0.46	0.009	0.05	-0.1
BKS539	9.6	0.9	10	0.4	3.6	0.4	26	0.03	0.075		6	12	0.07	208	0.005	1	0.6	0.003	0.07	0.1
BKS540	5.3	1.5	10	0.4	2.3	0.4	36	0.04	0.064		10	18	0.15	258	0.009	-1	0.96	0.004	0.07	0.1
BKS541	7	1	13	0.3	5.6	0.4	54	0.06	0.072		9	28	0.2	421	0.01	2	1.2	0.005	0.07	0.2
BKS542	9.9	0.9	27	0.4	5.4	0.3	27	0.1	0.073		8	15	0.12	969	0.007	2	0.65	0.006	0.08	-0.1
BKS543	2.7	0.9	15	0.2	4.1	0.3	31	0.03	0.057		7	15	0.11	435	0.005	-1	0.68	0.004	0.06	-0.1
BKS544	5.4	2.7	42	0.4	5.6	0.4	32	0.15	0.069		10	17	0.17	2099	0.005	2	0.72	0.007	0.09	-0.1
BKS545	2.7	1.8	33	0.5	4.4	0.3	28	0.27	0.067		9	17	0.21	1333	0.004	1	0.82	0.007	0.09	-0.1
BKS546	4.5	1	12	0.3	1.9	0.3	33	0.07	0.079		10	20	0.24	316	0.008	1	1.12	0.006	0.09	0.3
BKS547	3.2	0.7	8	0.2	2.2	0.3	36	0.05	0.052		8	15	0.11	237	0.009	1	0.7	0.004	0.06	0.1
BKS548	2.9	0.7	15	0.2	4.8	0.2	17	0.03	0.07		3	8	0.03	166	0.004	-1	0.31	0.004	0.05	-0.1
BKS549	6.8	0.7	12	0.4	2.7	0.3	39	0.05	0.084		8	16	0.15	708	0.013	1	0.79	0.004	0.06	0.1
BKS550	13.1	0.9	64	2	12.9	0.5	267	0.11	0.148		7	23	0.13	598	0.006	4	1.35	0.013	0.17	0.1
BKS551	3.2	0.5	10	0.2	2.1	0.3	47	0.04	0.07		10	20	0.21	184	0.009	1	0.98	0.005	0.07	0.2
BKS552	5.2	2.3	9	0.1	2.9	0.4	41	0.03	0.055		10	23	0.22	216	0.011	1	1.12	0.005	0.08	0.1
BKS553	7	2.3	10	0.2	1.9	0.3	43	0.05	0.035		11	24	0.31	214	0.009	1	1.43	0.006	0.07	0.2
BKS554	10.3	0.8	8	0.2	2.8	0.3	44	0.04	0.053		9	17	0.09	212	0.012	1	0.95	0.006	0.06	0.1
BKS555	5.1	1.3	10	0.1	2.5	0.3	41	0.04	0.05		9	25	0.23	221	0.01	1	1.16	0.005	0.08	0.1
BKS556	4.6	0.7	11	0.2	2.4	0.3	24	0.04	0.042		5	13	0.09	221	0.005	1	0.69	0.003	0.06	0.1
BKS557	4.8	2.1	16	0.1	1.3	0.3	38	0.08	0.045		9	23	0.18	362	0.005	-1	1.44	0.005	0.07	-0.1
BKS558	3.4	2.3	8	0.1	1.6	0.3	38	0.03	0.027		9	25	0.27	163	0.009	1	1.36	0.005	0.07	0.1
BKS559	4.8	2.5	60	0.4	4.5	0.2	40	0.16	0.081		9	19	0.19	2920	0.009	2	0.7	0.006	0.07	-0.1
BKS560	5.7	2.6	28	0.3	3.4	0.3	30	0.13	0.065		10	20	0.21	1500	0.006	2	0.82	0.007	0.09	-0.1
BKS561	6.7	1.3	32	0.2	5.7	0.3	29	0.14	0.073		9	19	0.18	1299	0.004	2	0.82	0.007	0.1	-0.1
BKS41	10.8	3	43	0.2	2.1	0.4	45	0.29	0.077		14	27	0.31	559	0.005	1	1.31	0.008	0.13	0.1
BKS42	6.8	2.8	52	0.2	1.5	0.2	38	0.35	0.066		12	23	0.36	464	0.009	2	1.08	0.011	0.12	0.2
BKS43	4.9	2.9	43	0.4	2.4	0.3	39	0.29	0.074		14	23	0.34	529	0.012	2	1.01	0.009	0.13	0.1
BKS44	6.7	2.2	51	0.4	2.5	0.3	37	0.28	0.074		13	22	0.25	718	0.006	2	1.05	0.009	0.12	0.1
BKS45	7.6	2.2	71	0.3	3.1	0.3	27	0.34	0.059		9	17	0.21	531	0.006	3	0.72	0.008	0.1	-0.1
BKS46	7.6	1.4	111	0.4	2.3	0.3	30	0.62	0.067		8	19	0.27	564	0.004	3	0.91	0.007	0.11	0.1
BKS47	6.3	3.3	64	0.3	2	0.4	47	0.58	0.064		14	22	0.38	465	0.01	4	1.17	0.007	0.11	0.2
BKS49	6.8	1.7	52	0.7	3.9	0.3	31	0.35	0.07		7	15	0.18	1859	0.004	2	0.64	0.006	0.08	-0.1
BKS50	4.3	3.4	60	0.4	4.3	0.3	35	0.42	0.054		11	20	0.28	2528	0.005	2	0.88	0.009	0.11	-0.1
BKS51	5.8	2.5	56	0.7	3.5	0.3	30	0.4	0.07		8	18	0.21	2247	0.004	1	0.73	0.006	0.09	-0.1
BK-08-S-01	-5		5	1	5	15	34	0.09		360	-10	14	0.11	180	0.03		0.61	-0.01		-10
BK-08-S-02	5		-1	1	10	10	25	0.03		240	-10	11	0.07	90	0.02		0.61	-0.01		-10
BK-08-S-03	5		2	5	5	10	24	0.02		310	-10	9	0.04	75	0.02		0.50	-0.01		-10
BK-08-S-04	5		4	1	35	10	23	0.02		290	-10	10	0.06	80	0.02		0.62	-0.01		-10
BK-08-S-05	35		2	3	20	10	33	0.02		290	-10	14	0.11	75	0.03		0.72	-0.01		-10
BK-08-S-06	5		-1	-1	10	10	22	0.02		240	-10	11	0.08	120	0.02		0.74	-0.01		-10

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BKS534	0.2	1.2	0.1	0.07	3	6.8	0.5			
BKS535	0.24	2.7	0.2	0.18	1	17.2	0.3			
BKS536	0.42	1.7	0.1	0.16	2	8.4	0.3			
BKS537	0.45	9.9	0.4	0.17	1	8.4	-0.2			
BKS538	0.23	4.3	0.2	-0.05	-1	3.5	-0.2			
BKS539	0.04	2.9	0.1	-0.05	2	0.7	-0.2			
BKS540	0.03	2.1	0.1	-0.05	4	0.8	-0.2			
BKS541	0.06	2.8	0.2	-0.05	4	1.7	-0.2			
BKS542	0.08	2.2	0.1	-0.05	2	1.4	-0.2			
BKS543	0.05	2.1	0.1	-0.05	2	1.6	-0.2			
BKS544	0.07	4.2	0.1	-0.05	2	1.1	-0.2			
BKS545	0.06	3.9	-0.1	-0.05	2	0.6	-0.2			
BKS546	0.04	2.3	0.1	-0.05	3	0.5	-0.2			
BKS547	0.04	2.3	0.1	-0.05	3	0.5	-0.2			
BKS548	0.06	2.8	-0.1	-0.05	1	4.5	-0.2			
BKS549	0.16	3.3	0.3	-0.05	3	1.4	-0.2			
BKS550	0.73	2.2	3.1	0.22	4	8.6	0.4			
BKS551	0.05	1.6	0.2	-0.05	5	0.9	-0.2			
BKS552	0.04	3.4	0.1	-0.05	4	1.3	-0.2			
BKS553	0.05	2.6	0.2	-0.05	4	0.8	-0.2			
BKS554	0.04	2.2	0.1	-0.05	4	0.9	-0.2			
BKS555	0.05	2.8	0.1	-0.05	4	0.7	-0.2			
BKS556	0.03	2.5	-0.1	-0.05	3	0.6	-0.2			
BKS557	0.08	3.3	0.1	-0.05	4	-0.5	-0.2			
BKS558	0.02	2.4	0.1	-0.05	5	-0.5	-0.2			
BKS559	0.07	3.2	0.1	0.06	2	2.1	-0.2			
BKS560	0.08	3.6	-0.1	-0.05	2	1.2	-0.2			
BKS561	0.09	2.9	0.1	-0.05	2	2.2	-0.2			
BKS41	0.11	4.1	0.1	-0.05	4	0.6	-0.2			
BKS42	0.11	3.1	0.1	-0.05	3	-0.5	-0.2			
BKS43	0.07	3.7	-0.1	-0.05	3	1.1	-0.2			
BKS44	0.13	3.7	-0.1	-0.05	3	1	-0.2			
BKS45	0.15	3.3	0.1	-0.05	2	1.3	-0.2			
BKS46	0.18	3.7	0.1	-0.05	3	2.1	-0.2			
BKS47	0.07	3.6	0.1	-0.05	4	1	-0.2			
BKS49	0.13	3	0.1	-0.05	2	2	0.2			
BKS50	0.11	4.8	0.1	-0.05	3	1.9	-0.2			
BKS51	0.16	3.9	0.1	-0.05	2	1.5	-0.2			
BK-08-S-01								2	-10	-20
BK-08-S-02								-1	-10	-20
BK-08-S-03								-1	-10	-20
BK-08-S-04								-1	-10	-20
BK-08-S-05								-1	-10	-20
BK-08-S-06								1	-10	-20

Sample	Easting NAD83	Northing NAD83	Certificate	Type	Year	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm
BK-08-S-07	354506	7055357	AK2008-1583	Soil	2008	4	47	60	124	-0.2	38	20	415	5.38	115
BK-08-S-08	354523	7055375	AK2008-1583	Soil	2008	3	33	68	108	-0.2	34	20	451	4.60	165
BK-08-S-09	354540	7055393	AK2008-1583	Soil	2008	3	33	56	128	-0.2	28	18	537	4.51	140
BK-08-S-10	354557	7055410	AK2008-1583	Soil	2008	3	39	82	126	-0.2	29	19	651	4.54	60
INX-08-S-02	351300	7055614	AK2008-1583	Soil	2008	3	35	22	111	0.5	24	13	3804	2.51	-5
INX-08-S-03	351277	7055597	AK2008-1583	Soil	2008	3	57	26	133	0.3	32	23	1014	4.20	-5
INX-08-S-04	351253	7055579	AK2008-1583	Soil	2008	4	54	34	140	0.3	29	23	1053	4.12	-5
INX-08-S-05	351230	7055561	AK2008-1583	Soil	2008	4	60	30	132	0.3	32	23	1030	5.13	-5
INX-08-S-06	351206	7055543	AK2008-1583	Soil	2008	3	59	28	132	0.2	30	24	972	4.29	-5
INX-08-S-07	351183	7055525	AK2008-1583	Soil	2008	3	61	26	126	0.2	32	23	1035	4.75	-5
INX-08-S-08	351160	7055507	AK2008-1583	Soil	2008	3	35	30	110	0.4	22	16	1624	3.42	-5
INX-08-S-09	351136	7055489	AK2008-1583	Soil	2008	4	53	36	126	0.4	40	21	1020	4.44	-5
INX-08-S-10	352374	7055340	AK2008-1583	Soil	2008	6	57	34	139	1.1	39	11	399	3.43	10
INX-08-S-11	352382	7055395	AK2008-1583	Soil	2008	7	57	48	201	0.9	45	12	386	3.48	10
INX-08-S-12	352391	7055449	AK2008-1583	Soil	2008	5	58	30	219	0.7	58	14	574	3.46	10
INX-08-S-13	352399	7055504	AK2008-1583	Soil	2008	7	73	38	264	1.0	61	14	748	3.86	15
INX-08-S-14	352407	7055558	AK2008-1583	Soil	2008	12	78	48	207	2.4	53	7	156	3.65	35
INX-08-S-15	352415	7055612	AK2008-1583	Soil	2008	9	82	32	241	1.2	71	17	821	4.45	30
AG-08-S-01	353806	7055324	AK2008-1583	Soil	2008	17	28	62	63	2.9	12	3	277	1.62	25
AG-08-S-02	353816	7055347	AK2008-1583	Soil	2008	13	24	40	63	2.2	11	2	44	1.70	25
AG-08-S-03	353825	7055369	AK2008-1583	Soil	2008	16	52	38	270	2.6	43	3	174	1.87	40
AG-08-S-04	353835	7055391	AK2008-1583	Soil	2008	16	38	36	419	2.5	52	2	155	1.93	65
AG-08-S-05	353844	7055414	AK2008-1583	Soil	2008	14	18	46	1218	2.1	145	2	337	1.35	45
AG-08-S-06	353854	7055436	AK2008-1583	Soil	2008	11	15	40	281	0.9	26	3	355	1.59	40
AG-08-S-07	353863	7055458	AK2008-1583	Soil	2008	10	20	42	282	0.6	28	5	481	1.81	40
AG-08-S-08	353873	7055481	AK2008-1583	Soil	2008	7	44	48	162	0.2	39	15	490	5.11	110
AG-08-S-09	353882	7055503	AK2008-1583	Soil	2008	5	113	92	377	0.2	97	74	2715	8.45	70
AG-08-S-10	353892	7055525	AK2008-1583	Soil	2008	4	11	38	210	-0.2	17	8	251	1.99	35
AG-08-S-11	353901	7055548	AK2008-1583	Soil	2008	3	17	68	326	0.4	19	8	345	2.43	20
AG-08-S-12	353911	7055570	AK2008-1583	Soil	2008	3	12	78	314	0.3	19	9	531	2.54	30
AG-08-S-13	353920	7055592	AK2008-1583	Soil	2008	5	40	196	297	1.7	25	9	247	3.85	70
I-3-L1-S-01	353901	7054989	AK2008-1583	Soil	2008	4	29	66	111	0.8	28	22	1820	3.74	45
I-3-L1-S-02	353886	7054974	AK2008-1583	Soil	2008	11	34	108	140	2.9	35	13	1568	3.22	110
I-3-L1-S-03	353872	7054959	AK2008-1583	Soil	2008	10	28	702	233	11.7	16	6	384	2.90	225
I-3-L1-S-04	353857	7054944	AK2008-1583	Soil	2008	4	45	462	213	4.4	26	22	982	4.87	220
I-3-L2-S-01	353845	7055048	AK2008-1583	Soil	2008	3	27	60	116	0.2	23	15	492	4.08	80
I-3-L2-S-02	353829	7055028	AK2008-1583	Soil	2008	3	40	60	127	0.2	25	18	709	5.25	95
I-3-L2-S-03	353813	7055007	AK2008-1583	Soil	2008	4	45	102	162	0.3	23	22	740	4.90	100
I-3-L2-S-04	353797	7054986	AK2008-1583	Soil	2008	5	22	62	167	0.8	26	13	459	3.22	50
I-3-L2-S-05	353781	7054965	AK2008-1583	Soil	2008	6	31	70	175	0.2	28	12	505	3.10	40

Sample	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	P_ppm	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
BK-08-S-07	5		-1	1	25	15	24	-0.01		330	-10	11	0.05	75	0.02		0.62	-0.01		-10
BK-08-S-08	5		2	1	15	10	20	0.01		280	-10	10	0.04	65	0.02		0.54	-0.01		-10
BK-08-S-09	-5		1	-1	-5	5	23	0.01		240	-10	11	0.09	80	0.02		0.75	-0.01		-10
BK-08-S-10	-5		-1	-1	-5	10	25	0.01		280	-10	13	0.12	100	0.02		1.03	-0.01		-10
INX-08-S-02	-5		21	-1	-5	-5	17	0.19		2470	-10	6	0.03	240	0.04		0.28	0.01		-10
INX-08-S-03	5		3	-1	-5	5	8	0.01		1030	-10	4	0.02	75	0.02		0.46	-0.01		-10
INX-08-S-04	-5		2	-1	-5	5	13	-0.01		1340	-10	3	-0.01	90	0.02		0.44	-0.01		-10
INX-08-S-05	5		3	-1	-5	10	15	-0.01		1260	-10	6	0.06	90	0.03		0.59	-0.01		-10
INX-08-S-06	-5		3	-1	-5	10	10	-0.01		910	-10	5	0.12	65	0.02		0.61	-0.01		-10
INX-08-S-07	20		2	-1	-5	5	8	-0.01		1060	-10	3	0.07	65	0.03		0.47	-0.01		-10
INX-08-S-08	5		15	1	-5	5	24	0.10		1410	-10	9	0.12	175	0.03		0.76	-0.01		-10
INX-08-S-09	20		22	1	-5	-5	17	0.16		1060	-10	11	0.28	155	0.02		0.85	-0.01		-10
INX-08-S-10	15		24	-1	-5	5	26	0.06		920	-10	13	0.11	135	0.02		0.61	-0.01		-10
INX-08-S-11	20		43	1	-5	-5	30	0.15		1050	-10	15	0.18	315	0.02		0.69	0.01		-10
INX-08-S-12	5		23	1	-5	-5	24	0.11		950	-10	12	0.14	370	0.02		0.66	-0.01		-10
INX-08-S-13	20		58	1	-5	5	28	0.18		1140	-10	18	0.21	210	0.02		0.84	0.01		-10
INX-08-S-14	30		71	-1	-5	-5	32	0.04		1310	-10	14	0.06	135	0.02		0.60	-0.01		-10
INX-08-S-15	15		56	1	-5	10	31	0.14		1470	-10	24	0.19	195	0.03		0.77	0.01		-10
AG-08-S-01	5		59	1	10	-5	104	0.07		1670	-10	7	-0.01	180	-0.01		0.26	-0.01		-10
AG-08-S-02	5		34	-1	-5	-5	75	0.03		1250	-10	7	-0.01	115	-0.01		0.30	-0.01		-10
AG-08-S-03	5		66	4	10	-5	95	0.34		2180	-10	10	0.07	260	0.01		0.46	-0.01		-10
AG-08-S-04	5		69	3	15	-5	109	0.36		3640	-10	10	0.04	310	-0.01		0.54	-0.01		-10
AG-08-S-05	5		48	4	10	-5	70	0.29		2200	-10	13	0.15	290	-0.01		0.76	-0.01		-10
AG-08-S-06	-5		51	1	5	-5	84	0.20		1890	-10	11	0.09	230	-0.01		0.53	-0.01		-10
AG-08-S-07	5		34	2	10	-5	63	0.27		2130	-10	11	0.12	220	0.01		0.60	-0.01		-10
AG-08-S-08	-5		24	1	-5	5	55	0.03		1140	-10	20	0.03	85	0.02		0.53	-0.01		-10
AG-08-S-09	-5		4	3	-5	10	40	0.01		840	-10	14	-0.01	160	0.05		0.31	-0.01		-10
AG-08-S-10	-5		10	-1	-5	-5	11	0.27		180	-10	3	-0.01	75	-0.01		0.20	-0.01		-10
AG-08-S-11	-5		8	1	-5	5	12	0.22		290	-10	7	-0.01	75	0.01		0.27	-0.01		-10
AG-08-S-12	5		10	-1	-5	-5	20	0.05		470	-10	8	0.01	95	0.01		0.41	-0.01		-10
AG-08-S-13	5		7	-1	-5	-5	46	0.03		600	-10	11	0.04	85	0.02		0.50	-0.01		-10
I-3-L1-S-01	5		7	1	-5	5	27	0.13		500	-10	8	-0.01	185	0.03		0.30	-0.01		-10
I-3-L1-S-02	15		17	2	10	-5	32	0.20		660	-10	10	0.02	365	0.03		0.42	-0.01		-10
I-3-L1-S-03	100		6	-1	30	-5	33	0.13		380	-10	9	0.08	315	0.01		0.65	-0.01		-10
I-3-L1-S-04	60		3	1	20	5	21	0.03		280	-10	8	0.01	95	0.03		0.33	-0.01		-10
I-3-L2-S-01	5		2	-1	5	10	24	0.01		240	-10	11	0.05	95	0.02		0.64	-0.01		-10
I-3-L2-S-02	5		-1	1	10	15	23	0.01		220	-10	12	0.05	95	0.03		0.59	-0.01		-10
I-3-L2-S-03	30		3	1	-5	10	21	-0.01		280	-10	11	0.02	120	0.02		0.61	-0.01		-10
I-3-L2-S-04	10		9	-1	-5	10	54	0.11		720	-10	23	0.34	120	0.03		1.50	-0.01		-10
I-3-L2-S-05	5		7	-1	-5	-5	54	0.10		610	10	23	0.34	165	0.03		1.29	-0.01		-10

Sample	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Y_ppm	U_ppm	Sn_ppm
BK-08-S-07								-1	-10	-20
BK-08-S-08								-1	-10	-20
BK-08-S-09								-1	-10	-20
BK-08-S-10								-1	-10	-20
INX-08-S-02								-1	-10	-20
INX-08-S-03								-1	-10	-20
INX-08-S-04								-1	-10	-20
INX-08-S-05								-1	-10	-20
INX-08-S-06								-1	-10	-20
INX-08-S-07								-1	-10	-20
INX-08-S-08								1	-10	-20
INX-08-S-09								3	-10	-20
INX-08-S-10								2	-10	-20
INX-08-S-11								5	-10	-20
INX-08-S-12								5	-10	-20
INX-08-S-13								8	-10	-20
INX-08-S-14								4	-10	-20
INX-08-S-15								7	-10	-20
AG-08-S-01								3	-10	-20
AG-08-S-02								2	-10	-20
AG-08-S-03								7	-10	-20
AG-08-S-04								8	-10	-20
AG-08-S-05								6	-10	-20
AG-08-S-06								3	-10	-20
AG-08-S-07								4	-10	-20
AG-08-S-08								-1	-10	-20
AG-08-S-09								-1	-10	-20
AG-08-S-10								-1	-10	-20
AG-08-S-11								3	-10	-20
AG-08-S-12								2	-10	-20
AG-08-S-13								-1	-10	-20
I-3-L1-S-01								-1	-10	-20
I-3-L1-S-02								12	-10	-20
I-3-L1-S-03								5	-10	-20
I-3-L1-S-04								-1	-10	-20
I-3-L2-S-01								-1	-10	-20
I-3-L2-S-02								-1	-10	-20
I-3-L2-S-03								-1	-10	-20
I-3-L2-S-04								2	-10	-20
I-3-L2-S-05								5	-10	-20