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

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemistry, Prospecting

TOTAL COST: $25,246.20

AUTHOR(S): Nicholas Johnson

SIGNATURE(S): Nick Johnson Digitally signed by Nick Johnson DN: cn=Nick Johnson, o=Canada Zinc Metals Corp., ou, email=njohnson@canadazincmetals.com, c=CA Date: 2014.04.23 15:59:26 -04'00'

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5488782 / 05 Feb 2014

PROPERTY NAME: Sitka

CLAIM NAME(S) (on which the work was done): Sitka (1021745)

COMMODITIES SOUGHT: Zn, Pb, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: None

MINING DIVISION: Omenica

NTS/BCGS: 094F07

LATITUDE: 57 ° 23 ' 05 " **LONGITUDE:** -124 ° 47 ' 46 " **(at centre of work)**

OWNER(S):

1) Canada Zinc Metals Corp. 2)

MAILING ADDRESS:

Suite 2050 1055 West Georgia St., Vancouver, BC. V6E-3P3

OPERATOR(S) [who paid for the work]:

1) Canada Zinc Metals Corp. 2)

MAILING ADDRESS:

Suite 2050 1055 West Georgia St., Vancouver, BC. V6E 3P3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Earn Group, SEDEX, Veins, Barite, sphalerite, galena

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: None

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	144	1021745	$6,770.62
Silt			
Rock	30	1021745	$6,031.87
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	174 samples	1021745	$3,891.83
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:10,000 ~2.5km2	1021745	$8,551.88
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$25,246.20

TSX-V:CZX
CANADA ZINC
METALS CORP.

GEOCHEMICAL REPORT ON THE SITKA PROPERTY

SUMMARY REPORT

OMINECA MINING DIVISION, NORTHEAST BRITISH COLUMBIA

NTS map sheet 94F07

Latitude 57°27’ N, Longitude 125°1’ W

Prepared for:

Canada Zinc Metals Corp.
Royal Centre
Suite 2050 – 1055, W. Georgia St.
Vancouver, BC V6E 3P3
FMC#: 202429

By:

Nicholas Johnson B.Sc.H

18 Apr 2014

Summary

In early August during a mapping traverse the Sitka showing, a massive barite quartz vein structure hosting abundant sphalerite and galena mineralisation was discovered. This prompted the staking of the Sitka property along the eastern boundary of the Akie property. The showing is located along the thrust contact between the Road River Group Silurian siltstones and the black shales of the Earn Group. Several additional prospecting traverses along strike of the showing discovered a number of narrow quartz-barite veins hosting spectacular sphalerite and galena mineralisation. These veins are hosted within the Kwadacha limestone and appear to be spatially associated with the Sitka showing. Grab samples taken from the showing and these occurrences returned grades of up to 43.55% Zn and 12.04% Pb. A channel sampling program on the Sitka showing outcrop revealed highly anomalous Zn mineralisation consistently in excess of 1,000 ppm and grades up to 5.12% as well as enrichment in Pb with grades up to 3.72%. The soil sampling program that was being conducted on the adjacent Akie property was extended to cover the area in the immediate vicinity of the Sitka showing as well as provide limited coverage along strike. The soil sampling revealed the presence of a large Ag anomaly with values consistently in excess of 1,500 ppb and up to 15,765 ppb. This anomaly currently measures 2.25 kilometres long and 300 metres wide and is open along strike in both directions.

Additional infill soil sampling, mapping and prospecting is recommended along strike of the showing to gain a better understanding of this showing. Preliminary mapping on the remainder of the Sitka property is also recommended.

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1.0 Introduction & Terms of Reference

This report documents exploration work carried out in 2013 by Canada Zinc Metals Corp. (the company) on the Sitka property. Expenditures related to the exploration work have been applied to the Sitka property. The author directed the field work that is the subject of this report and was supported by an able field crew supplied by Coast Mountain Geological. The exploration activities on the Sitka property consisted of prospecting, soil sampling and channel sampling. Field data was recorded in Universal Transverse Mercator (UTM) projection using North American Datum (NAD 83), located within Zone 10. All measurements in this report are in metric units. Monetary amounts are expressed in Canadian dollars.

2.0 Property Location & Description

Canada Zinc Metals owns 100% of the Sitka property. The Sitka property consists of a single mineral claim covering a total area of 942 hectares. The property is located in the western ranges of the Northern Rocky Mountains in the province of British Columbia, Canada (Figure 2-1). The claim is in good standing until 2018 (Table 2-1). The property can be seen in Figure 2-2. The nearest town is Mackenzie BC, located approximately 250 kilometres southeast of the property (Figure 2-1). The property is located within NTS topographic map sheets 94F07.

Tenure #	Claim Name	Owner (100%)	Expiry Date	Area (Ha)
1021745	SITKA	202429	23 Apr 2018	942

Table 2-1: Sitka property tenure listing. Note: Owner # 202429: Canada Zinc Metals Corp.

3.0 Accessibility, Infrastructure, Climate & Physiography

Access to the Sitka property is by helicopter from the company's Akie exploration camp, located at the 24.5 kilometre mark on the Akie FSR (Forestry Service Road) (Plate 8-1). Chartered aircraft from Northern Thunderbird Air (NT Air) currently provides air transport services on a daily basis during the week to a gravel airstrip at the village of Tsay Keh Dene, BC. Tsay Keh Dene is located at the northern end of Williston Lake and is approximately 60 kilometres southwest of the Akie exploration camp.

Prince George is the largest population centre in central British Columbia and is located 420 kilometres to the south. The city is a major hub for supplies, transportation, communications, and commerce. Some supplies are derived locally in Tsay Keh Dene or from Mackenzie; the latter is located at the southern end of Williston Lake 250 kilometres southeast of the property (Figure 2-1). A series of year round accessible gravel forestry service roads connect Tsay Keh Dene with Mackenzie. These local communities have an active forestry industry as well as a growing mining and exploration industry. Nearby mines include the recently closed Kemess South mine and the newly opened Mt Milligan mine.

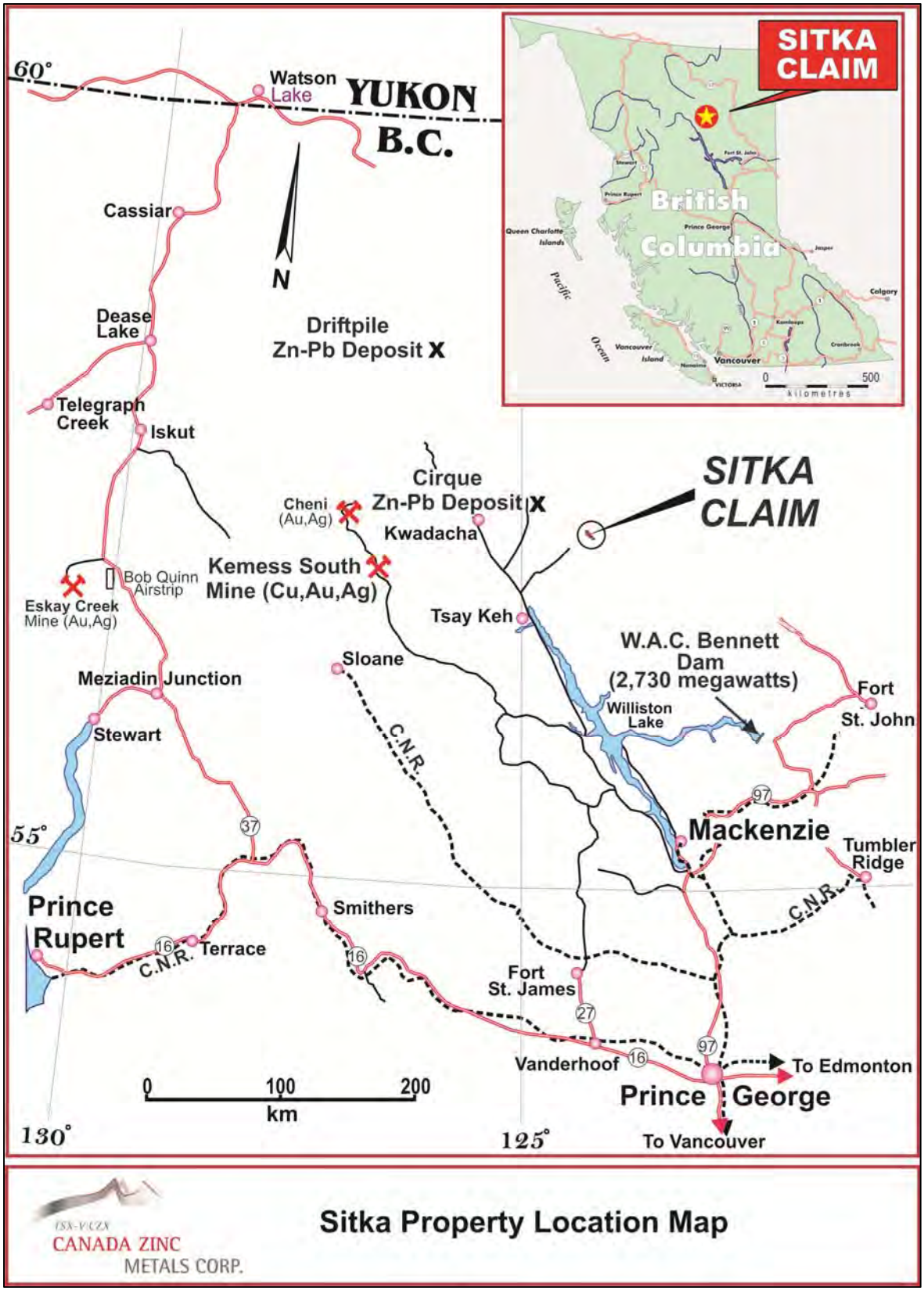

Figure 2-1: Property location map.

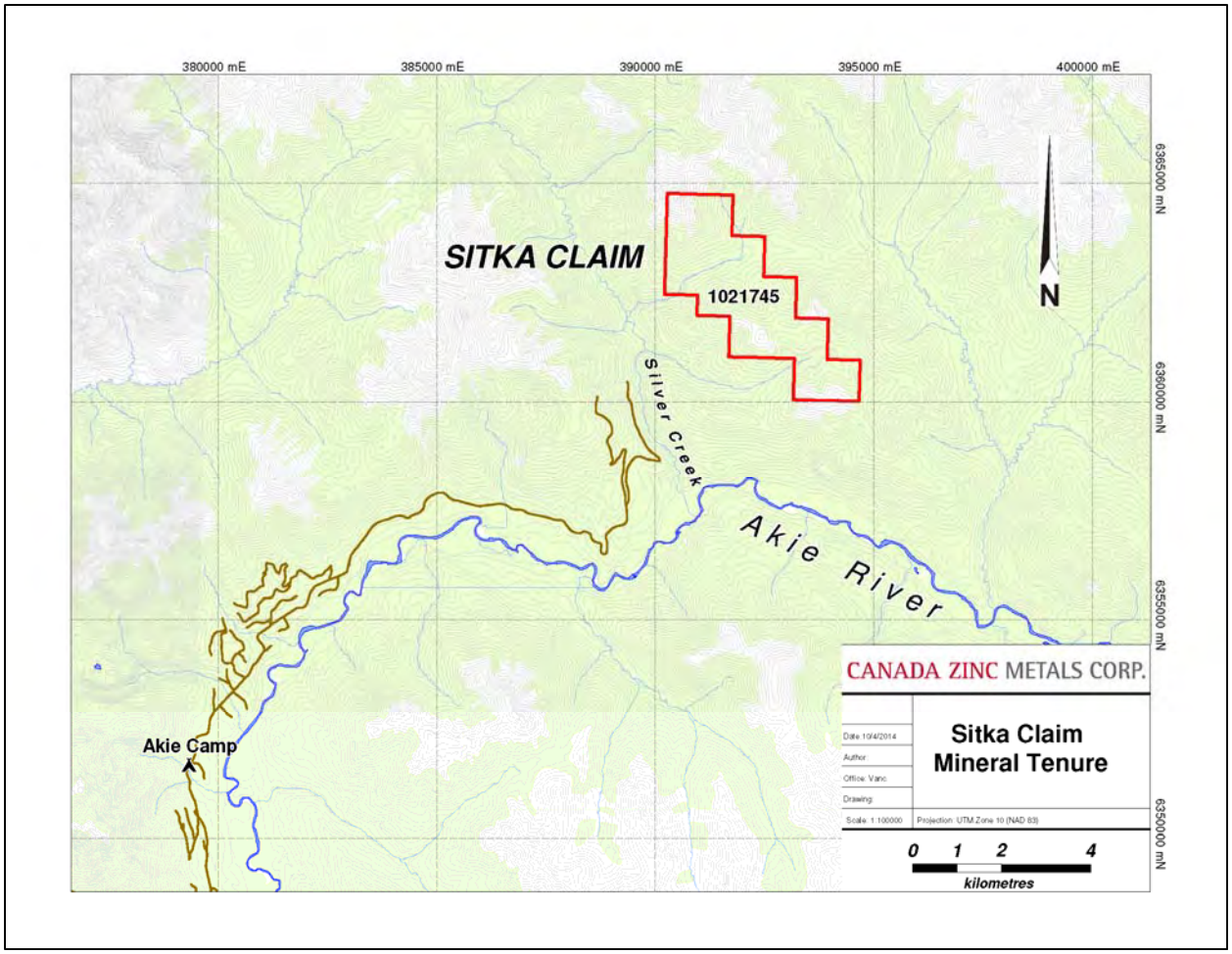

Figure 2-2: Mineral tenure map for the Sitka property.

The nearest BC Hydro electric transmission power source is the W.A.C. Bennett dam, capable of up to 2,730 megawatts of electricity, located on the Peace River approximately 220 kilometres southeast of the property (Figure 2-1). The privately owned Kemess power line runs north from BC Hydro's Kennedy substation, near Mackenzie, to the idled Kemess South mine west southwest of the Akie property. The straightline distance from the Akie to the Kemess mine is approximately 145 kilometres. Individual diesel generators supply electricity to the local villages.

The property and surrounding region is an area of moderate to steep mountainous terrain, ranging between 800 to 2300 metres above sea level. Mountain tops and ridgelines above the treeline are typically covered by alpine meadows with mosses, lichen and alpine flowers in the summer. Sparsely vegetated talus and scree commonly cover steep slopes. At lower elevations hillsides are thickly forested with a mixture of lodgepole pine and black spruce giving way to willows, alders and black birch in the river valleys.

Northwest – southeast trending ridges predominate, following the dominant geological strike direction, transected by northeast trending drainages such as the Akie, Paul and Kwadacha rivers.

In general, northeast facing ridge slopes are generally steep with abundant outcrop exposure while southwest facing ridge slopes tend to dip more moderately and are covered in vegetation.

The climate is influenced by both the Pacific Coast and the Rocky Mountains, resulting in highly variable, localized conditions for rainfall, snowfall, temperature and hours of daylight. During the summer months temperatures range between +5 to +30 degrees Celsius with moderate rainfall and/or snowfall at higher altitudes. During winter, temperatures can drop to minus 40 degrees Celsius, and can be accompanied by moderate accumulations of snow. The optimal season for field work is from May or June; when valleys become free of snow, through to late September; when winter weather generally returns.

4.0 Exploration History

The Sitka property is a newly registered mineral tenure. No exploration activities are known to have occurred on the property. The Sitka property is adjacent to the Akie property which has seen an extensive amount of exploration over the past 30 years with the bulk of work being completed over three time periods; the late 1970's to early 1980's, the mid 1990's and from 2005 to present. Exploration work has consisted of grassroots prospecting, sampling and mapping through to drilling and geophysical surveys.

5.0 Geology

5.1 Regional Geology

For a comprehensive review of the regional geology of the Akie River district, which includes the Akie property, the reader is referred to the 1998 B.C. Ministry of Energy and Mines Bulletin 103 entitled *Geology, Geochemistry and Mineral Deposits of the Akie River Area, Northeast British Columbia* by Don G. MacIntyre. The following represents a summary of the information contained within that report.

The Sitka property is located within the Rocky Mountain fold and thrust belt of northeastern British Columbia and in the central region of the Kechika Trough. The Kechika Trough is interpreted to be the southeastern extension of the large sedimentary Selwyn Basin bounded by the shallow water sedimentary rocks of the Cassiar (west) and MacDonald (east) platforms (MacIntyre, 1998). Situated along the ancestral continental margin of North America, the basin is host to clastic and carbonate rocks ranging in age from the late Cambrian to late Triassic (MacIntyre, 2005) (Figure 5-1). A generalized stratigraphic column depicts the key geological units (Figure 5-2). A summary of the lithological units are described in detail below. The regional geology and legend are presented in Figures 5-3 and 5-4.

5.1.1 Windermere Supergroup and Gog Group (Proterozoic to Cambrian)

The oldest rocks exposed in the Kechika Trough are the Proterozoic to early Cambrian coarse grit units thought to be representative of the Windermere Supergroup and the early to late quartzites and massive limestone correlative to the Gog Group (MacIntyre, 2005). These rocks are not exposed in the general vicinity of the property. They are restricted to the northern and

northeastern edge of the Kechika Trough and to the immediate west of the property (Gog Group) (MacIntyre, 2005). The grit units of the Windermere Supergroup are thought to act as important aquifers for fluids involved in the formation of sediment and carbonate hosted lead-zinc-silver deposits of the Selwyn Basin and Kechika Trough (MacIntyre, 2008).

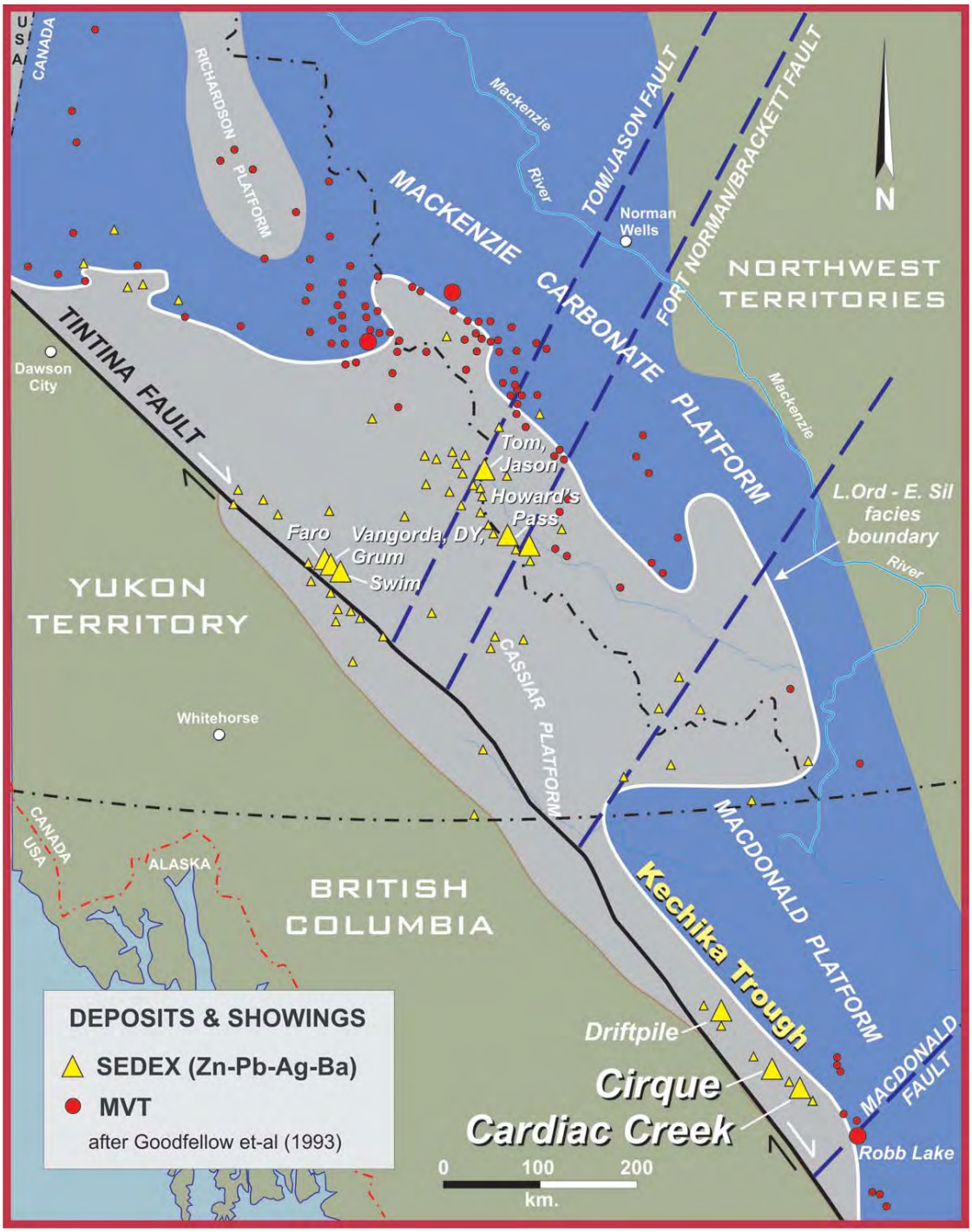

Figure 5-1: Geological Setting of Selwyn Basin and Kechika Trough (modified after Goodfellow et al, 1993)

5.1.2 Kechika Group (Cambrian to Ordovician)

A thick, approximately 1,500 metre succession of cream coloured to light grey weathered, talcy, phyllitic mudstone and wavy banded nodular (boudinaged) limestone characterize the rocks of the Kechika Group (MacIntyre, 2005; Demerse and Hopkins, 2008). Volcanic activity is marked by the presence of thinly bedded green weathered tuffs (MacIntyre, 2005) and cross cutting thin felsic dykes within the sediments of the Kechika Group. Kechika Group rocks are prominent in the southern Kechika Trough thinning northwards where they are rare to absent altogether (MacIntyre, 2005). These rocks are relatively common along the western margins of the property.

5.1.3 Skoki Limestone (Ordovician)

Locally, in the vicinity of Pesika Creek and the Kwadacha River (the southern and eastern section of the Kechika Trough, respectively), an approximate 500 metre thick buildup of thinly bedded limestone of Ordovician age overlie the Kechika Group rocks. These rocks are generally absent in the n~~N~~orthern Kechika Trough (MacIntyre, 2005).

5.1.4 Road River Group (Ordovician to early Devonian)

The rocks of the Road River Group unconformably overlie those of the Kechika Group and are represented by a collection of fine grained clastics, carbonates and minor volcanics of Ordovician to early Devonian age (MacIntyre, 1998). They are pervasive throughout the Kechika Trough and can be informally broken into three distinct groups: the Lower Road River Group, the Ospika Volcanics and the Silurian Siltstone (MacIntyre, 2008). The Road River Group is thought to represent the transition between platformal and marine basinal rocks (MacIntyre, 2008).

The Lower Road River Group is comprised of a basal cream, beige to reddish brown weathered, thin-bedded calcareous siltstone and shale with minor limestone turbidites and debris flows. This siltstone grades up section into a distinct middle to late Ordovician aged black graptolitic shale (MacIntyre, 1998). The graptolite fossil assemblage allows for relatively easy differentiation from the lithologically similar and prospective rocks of the Devonian (MacIntyre, 2008). Locally the shale is interbedded with black chert horizons in the vicinity of the REB massive pyrite lens in the southern Kechika Trough and in the east they are locally interbedded with quartz wackes, arenites and pebble conglomerates.

The Ospika Volcanics are present throughout the central Kechika Trough area (Akie River, Paul River and Ospika River) and are represented by a series of discontinuous lenses and beds of green mafic flows, microdioritic sills and orange weathered ankeritic crystal lapilli tuffs that are interbedded with the rocks of the Lower Road River Group. It is suggested that based on their orientation these rocks were emplaced along fault structures bounding the basin (MacIntyre, 1998). In 2009, a gabbro/diorite intrusive plug was discovered along the Del Creek which is thought to represent one such possible bounding fault structure as well as the source for the lenses of volcanic rocks found in the area.

The upper Road River Group is represented by the early to middle Silurian Siltstone and unconformably overlies the Ordovician graptolitic black shale (MacIntyre, 2008). At the base, a <1 to 20 metre thick unit consisting of thin-bedded to cross laminated limestone and dolostone beds is interbedded with laminated grey calcarenite, dark grey dolomitic shale and minor debris flows. To the east the limestone/dolostone beds are commonly interbedded with quartz wacke and arenite and is known as the Silurian limestone. The Silurian limestone is overlain by a 100 to 500 metre thick tan to orange brown weathered dolomitic thin-bedded to platy siltstone with minor orange weathered limestone and dolostone interbeds. The thicker bedded siltstone is commonly bioturbated, containing worm burrows and feeding trails. Minor graptolites and sponge impressions are present in the thinly bedded to platy sections (MacIntyre, 2008).

The last unit of the Road River Group is informally recognized as the Paul River formation (Pigage, 1986) and consists of deep water marine turbidites comprised of black chert, interbedded black shale with limestone debris flows, and rusty weathered, dark grey to brown weathered silty shale and siltstone (MacIntyre, 2008). In the Akie River area the rusty weathered silty shale partially onlap with the early to middle Devonian Akie and Kwadacha Reefs. These reefs can range up to 200 metres in thickness and are characterized by medium to thick-bedded micritic to bioclastic limestone interbedded with minor shale beds. Locally, to the east, pebble conglomerates directly overlie these reefs (MacIntyre 2008). It is the author's opinion that the Paul River formation rocks are of the Earn Group based on observations made from the Akie drill core.

5.1.5 Earn Group (Middle Devonian to Mississippian)

Rocks of the Earn Group conformably overlie those of the carbonate reefs as well as the Silurian Siltstone and are characterized by carbonaceous, siliceous shale, cherty argillite, phyllitic shale and coarse quartzose turbidites of Middle Devonian to Mississippian age (MacIntyre, 1998). The Earn Group has been subdivided into three distinct formations: the Warneford, the Akie and the Gunsteel (Pigage, 1986; MacIntyre, 1998). These rocks are representative of a major marine transgression that halted reef growth, resulting in the onlapping of fine clastic sediments onto the MacDonald platform to the east (MacIntyre, 1998).

The rocks of the Gunsteel formation are the oldest within the Earn Group of Middle to Late Devonian age. They weather to a distinctive "gunsteel" silvery blue and are comprised of carbonaceous and siliceous shale, argillite and cherty argillite (MacIntyre, 1998). The Gunsteel formation is the primary group of prospective rocks within the Kechika Trough hosting the Cirque, Cardiac Creek and Driftpile deposits as well as the Fluke, Elf, Pie and Mount Alcock prospects. Occurrences of laminar pyrite and nodular barite are common and are characteristic of Gunsteel formation rocks. They are overlain by the Akie formation characterized by soft, medium to dark grey phyllic shale to silty shale and siltstone which typically weather to a rusty brown, tan or silvery colour (MacIntyre, 1998; Demerse and Hopkins, 2008).

The youngest group of rocks within the Earn Group (the Warneford formation) are interpreted to be proximal to medial turbidites represented by grey weathered chert pebble conglomerates, quartz wacke and siltstone and are intercalated with the soft shale of Akie formation (MacIntyre, 1998). The rocks of the Earn Group are present on the Sitka property.

5.1.6 Triassic Siltstone (Mississippian to Triassic)

The youngest rocks of the Kechika Trough occur in the core of a major northwest trending synclinorium in the area northwest of the Kwadacha River. They are represented by dolomitic siltstone and limestone similar in character to the Silurian siltstone but can be differentiated by the presence of Triassic brachiopods (MacIntyre, 1998).

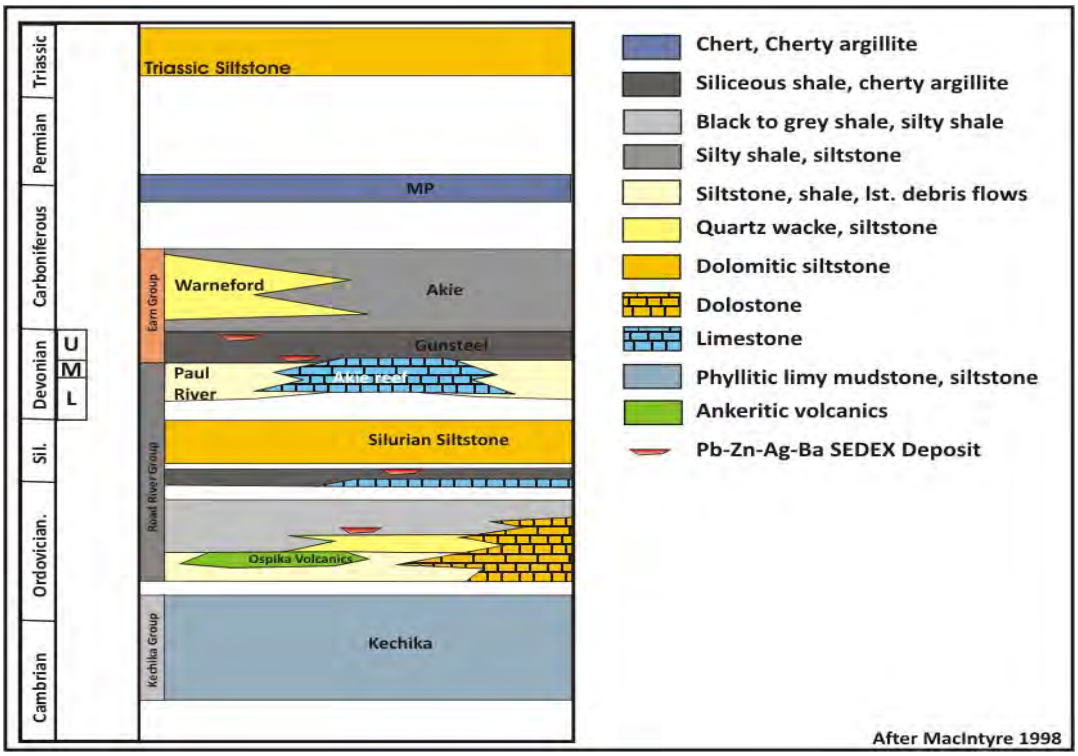

Figure 5-2: Kechika Trough Generalized Stratigraphic Section (after MacIntyre, 1998)

5.2 Regional Structure

The following section is an unabridged excerpt from the previous technical report entitled *Geology, Diamond Drilling and Preliminary Resource Estimation, Akie Zinc-Lead-Silver Property, Northeast British Columbia, Canada* by Donald G. MacIntyre and Robert C. Sim, 2008. This NI 43-101 compliant report can be found at www.sedar.com. The contained information remains current.

"The linear nature of the geology of the Akie River area reflects the "thin-skinned" tectonic style of the Rocky Mountain Fold and Thrust Belt. Northeast-directed compression resulted in detachment of the Paleozoic strata from a rigid crystalline basement and partial stacking of the detached plates along a series of imbricate thrust faults. The thrust plates, which are composed of relatively incompetent basinal facies rocks, have been internally folded during thrusting. In general, incompetent strata below overriding thrust plates have tight isoclinal folds with southwest-dipping axial planes whereas rocks in the overriding plate are asymmetrically folded and often have northeast-dipping axial planes. This style of folding may be related to the

development of inversion structures similar to those described by McClay et al., (1989) in the Driftpile Creek area.

The structural style changes from west to east across the map area. In the west, imbricate, southwest dipping reverse faults bound asymmetric overturned folds with southwest dipping to vertical axial planes. To the east, large scale upright folds occur within major synclinoriums that are bounded by outward dipping reverse faults that truncate folds within overriding anticlinoriums. Devonian strata are preserved within the synclinoriums. This structural style suggests that high angle growth faults bounding depositional troughs in Devono-Mississippian time were reactivated during Tertiary compression and became the locus of major thrust faults in the district. That major high angle thrust faults may be localized along much older crustal breaks is also suggested by close spatial association of Paleozoic mineralization, reef building, coarse clastic fans and volcanism to such faults.

Detailed studies of the structure of the Cirque deposit led to the recognition of two coaxial phases of deformation (Pigage, 1986). The earliest deformation, which is recognizable throughout the study area, includes northwest-trending, tight asymmetric folds that verge northeast and have gently dipping southwest limbs and steep to overturned northeast limbs. The steep limbs are often broken and offset by high angle reverse faults, resulting in the juxtaposition of Ordovician and Silurian strata against the Mid- to Late- Devonian Gunsteel formation shale. The high angle reverse faults may coalesce at depth into a major detachment surface possibly rooted in the highly attenuated Kechika Group. Shale typically has a pervasive slatey cleavage that is axial planar to the macroscopic folds; a closely-spaced fracture cleavage is found in the more competent strata.

The second phase of deformation folds the early slatey cleavage and develops a penetrative crenulation cleavage. This cleavage is axial planar to the late folds, which may have an amplitude of up to 30 metres (Pigage, 1986). The folds are open to upright, trend northwest and have northeast convergence. High-angle listric normal and reverse faults are also common in the Akie River area and generally trend parallel or at slight angles to the major high angle thrust faults. These faults are probably related to brittle failure of thrust plates during detachment and thrusting. Displacements of up to several hundred metres have been documented at the Cirque deposit (Pigage, 1986).

North to northeast trending high angle faults offset earlier thrust and listric normal faults. Some of these faults have a strike-slip movement and may be synthetic shears related to an oblique compressional stress regime. This compressional event is believed to be Tertiary in age."

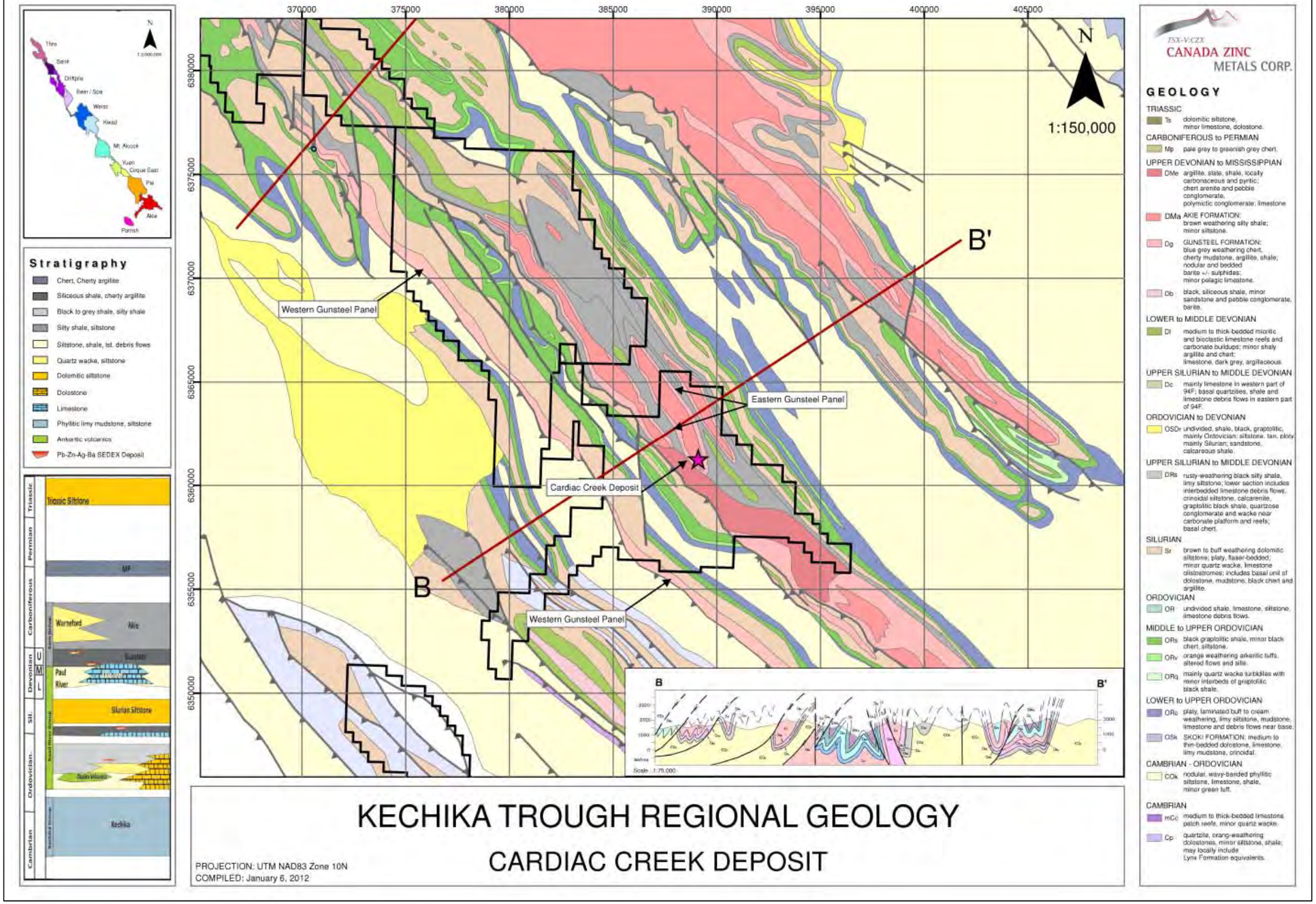

Figure 5-3: Regional geology of the Akie, Pie and Sitka properties. (after MacIntyre 1998).

Figure 5-4: Legend for regional geology depicted in figures 5-3 and 5-4 (after MacIntrye 1998)

6.0 Deposit Type & Model

The Cardiac Creek, Cirque, Driftpile, and other Pb-Zn-Ag-Ba occurrences within the Kechika Trough are characterized as sedimentary exhalative (SEDEX) deposits. The following is a summary of this deposit type and its characteristics. For a detailed review of SEDEX deposits the reader is referred to the excellent overview paper of Canadian SEDEX deposits by Wayne D. Goodfellow and John W. Lydon, entitled *Sedimentary Exhalative (SEDEX) Deposits* from the publication *Mineral Deposits of Canada: A Synthesis of Major Deposit Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods* by the Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5.

The Pb-Zn-Ag-Ba deposits and occurrences found within the Kechika Trough (e.g. Cirque, Driftpile and Cardiac Creek), the Selwyn Basin (e.g. Howards Pass, Tom, Jason, Faro and Grum), the Belt-Purcell District (e.g. Sullivan, Ruddock Creek), in Australia (e.g. HY, Century, Mount Isa), and the Brookes Range in Alaska (Red Dog) all share common characteristics and are generally considered to be SEDEX deposits (Goodfellow and Lydon, 2007). Carne and Cathro (1982) popularized the SEDEX deposit type in their early description of the deposits of the Selwyn Basin and Kechika Trough. In general, SEDEX deposits can be characterized as a strataform, tabular body of sulphide mineralisation that is interbedded with its host sediments, typically shales, siltstones and occasionally sandstones. This type of deposit shares many similar characteristics with VMS (volcanogenic massive sulphide) and MVT (Mississippi Valley Type) deposits suggesting a shared genetic link (Goodfellow and Lydon, 2007).

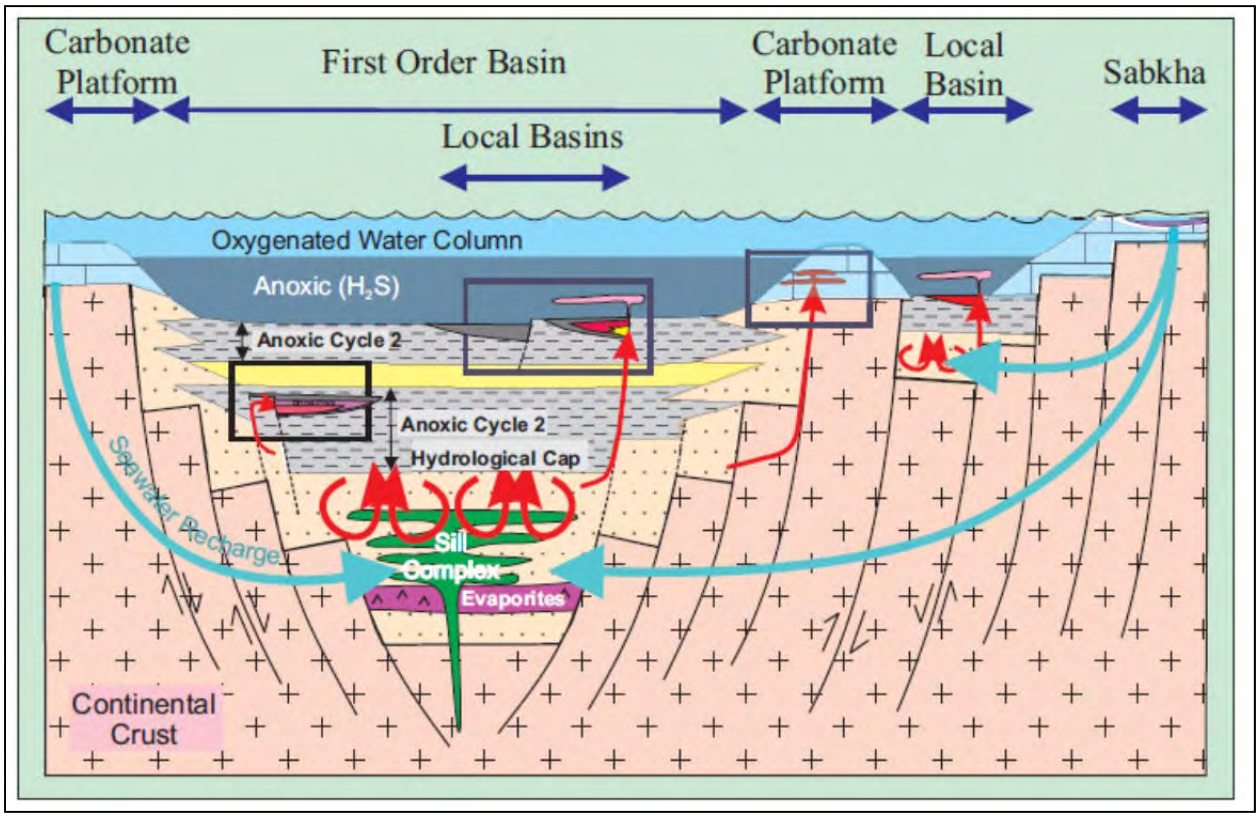

Figure 6-1: Genetic model of SEDEX deposit formation (Goodfellow & Lydon 2007)

Extensive research has been conducted on SEDEX deposits examining the geological characteristics, genetic models and the physiochemical controls (MacIntyre, 2008). This work has resulted in a general consensus regarding the formation of SEDEX deposits. It is generally thought that SEDEX deposits are formed from the precipitation of sulphide and sulphate minerals from metalliferous brines exhaled out onto the seafloor along re-activated rift faults that generated by rapidly subsiding graben or half-graben structures (MacIntyre, 2008; Goodfellow and Lydon, 2007). However recent work is beginning to test this theory which may not apply to all SEDEX deposits. The metal-bearing fluids are likely derived from dewatering of fine to coarse grained clastic sediments or carbonate hydrothermal reservoirs (Goodfellow and Lydon, 2007) where leaching has scavenged the zinc and lead and other elements (Figure 6-1). In the Selwyn Basin and the Kechika Trough the coarse clastic grits of the Windermere Super Group are thought to have acted as the hydrothermal reservoir for the mineralizing fluids (MacIntyre, 2008).

Goodfellow and Lydon (2007) recognized two sub-types of SEDEX deposits: vent-proximal and vent-distal. The two type of deposits result from either a buoyant metalliferous brine that precipitates sulphides in close proximity to the source fault structure or a bottom hugging brine that precipitates sulphide mineralization within localized third order basins at a distance from the source fault structure (Figure 6-2). Examples of the vent-proximal deposits include Sullivan, Tom, Jason and Rammelsberg and are characterized by four distinct features including: bedded sulphides; a recognized vent complex; a stringer zone; and distal hydrothermal sediments (Goodfellow and Lydon, 2007). Vent-proximal deposits are typically wedge-shaped, exhibiting a moderately high aspect ratio of length versus thickness.

In contrast, vent-distal deposits have well-bedded sulphides, are generally weakly zoned and their morphology conforms to the local basin. This type of deposit is typically tabular to sheet-like in nature with very high aspect ratios (Goodfellow and Lydon, 2007).

Typically, SEDEX deposits are hosted in basinal marine sediments such as fine-grained clastics, carbonaceous chert and shale. In some cases, the shale can be interbedded with turbiditic siltstone and sandstone and localized coarse grained sediments (Goodfellow and Lydon, 2007).

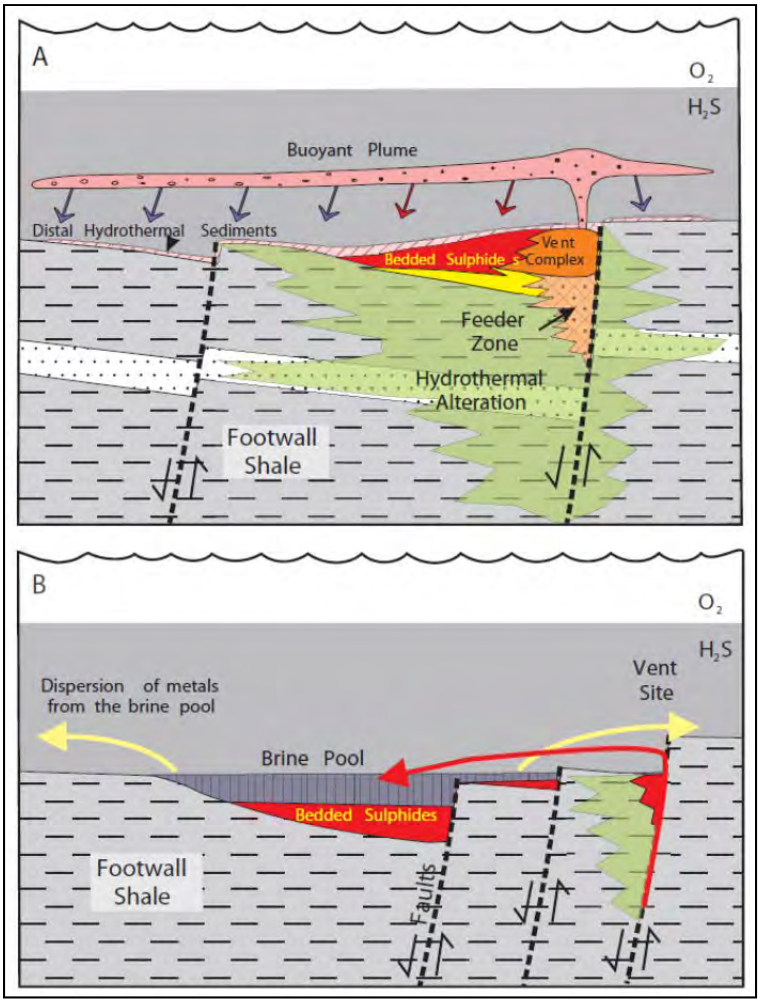

Figure 6-2: Vent-proximal and vent-distal sub-types of Selwyn basin SEDEX deposits (Goodfellow & Lydon, 2007).

The mineralogy associated with this type of deposit is typically simple with pyrite, sphalerite, galena and barite being most common. Associated with these minerals are a suite of elements that may include: Fe, Mn, P, Ca, Mg, Hg, Cd, As, Sb, Se, Sn, Ga, Bi, Co, Ni, and Tl (Goodfellow and Lydon 2007). Typically the gold content of this type of deposit is quite low; however, deposits found in Anvil district (Vangorda, Dy) of the Selwyn Basin in the Yukon territory contained mineable grades of the precious metal (Goodfellow and Lydon, 2007). These elemental enrichments commonly exhibit a refined zonation across many of the deposits allowing specific ratios to be utilized as exploration tools guiding exploration towards possible source vents and economic deposits (Goodfellow and Lydon, 2007). Common metal ratios include: Zn/Pb, Pb/Ag, Cu/(Pb+Zn), Pb/(Pb+Zn), Fe/Zn, Ba/Zn and SiO2/Zn (Goodfellow and Lydon, 2007).

7.0 Exploration Program

7.1 Introduction

The 2013 exploration program on the Sitka property was conducted from a trailer camp located at 24.5 kilometres on the Akie mainline forestry service road and is situated in an old Canfor forestry cut block (Plate 7-1). The seasonal camp can accommodate up to a maximum of 50 people and was re-opened in late June. The exploration program, part of the much larger Akie exploration, took place over several days from 18 of August to the 1 Oct 2014.

An expediter in Mackenzie provided logistical support for the camp, arranging the shipment of major supplies. Minor supplies were obtained locally from the village of Tsay Keh Dene located at the northern end of the Williston Lake reservoir. There were a variety of contractors on site providing services to the program. The key contractors are listed below.

- **Coast Mountain Geological Inc.:** Provided logistical support and technical staff such as geologists and geotechnicians.
- **Yellowhead Helicopters:** Provided helicopter support to the project.
- **ESS:** Provided catering and management services for the camp.
- **Kwadacha Natural Resources LP:** Provided local field assistants.

Plate 7-1: Camp Photograph (Photo taken by Gil Graham 2011)

Claimed expenditures on the Sitka property during the 2013 exploration program total $25,2463.20 spent primarily on prospecting, channel samples, and soil sampling. The breakdown of these costs can be found in Section 11.0 Statement of Expenditures.

7.2 Program Objectives

The exploration on the Sitka property was initiated upon the discovery of the Sitka showing during a mapping traverse along the eastern edges of the adjacent Akie property. The discovery prompted additional prospecting, a channel sampling program on the discovery outcrop and the much larger Akie soil sampling program was extended to cover certain areas of the Sitka property. These different aspects of the program are discussed below.

7.3 Field Protocol

Sample Collection

Soil samples were collected from a series of regularly spaced lines across the eastern edges of the Akie property and onto the Sitka property. An approximate 500 gram sample was collected from the B soil horizon if possible, after the removal of humus and other overburden and placed into a paper Kraft bag. Soil samples were marked in the field with a fluorescent flag tied nearby and each sample was GPS located and described. Bags were then sealed and wrapped in plastic, for transportation to camp. Once in camp, soil sample bags were hung to dry. Once dry, the soil samples were laid out in order and bundled together in approximate groups of 20 and placed into a clean and clear polypropylene plastic sample bag. The samples were packed in such a manner to give the sample bag a brick like shape and taped shut.

Channel rock samples were taken using a portable rock saw to cut two parallel lines approximately an inch apart, to the desired length of the sample. A chisel and hammer were used to chip out the material between the two cut lines. The chipped-out rock was placed into a polypropylene plastic sample bag along with a sample tag and sealed with a zip-tie. The azimuth, length and a rock description was recorded for each sample. Grab samples collected during prospecting traverses were placed into polypropylene sample bags with a sample tag and sealed with a zip-tie. The sample location was marked with flagging tape and GPS located and recorded along with a rock description for each sample.

In preparation for transportation to the designated laboratory the samples were then placed into rice sacks. Due to the weight and subsequent handling of the rice bags the number of samples per sack was restricted as follows, 4 to 5 soil bundles per bag, 5 to 10 grab samples per bag and 5 channel samples per bag. The rice bags were then sealed with a zip-tie. Information such as the address and contact information of the designated laboratory as well as the sample sequence and contents, and the contact information of the camp expeditor in Mackenzie BC, were written on each bag. This information as well as the weight of each rice bag was recorded separately for tracking and shipping purposes.

Sample Security and Transport

All samples were stored and kept dry in a canvas tent located in close proximity to the office trailer to await transportation. For shipping, the rice bags were stacked onto wooden pallets and shipped backhaul via Gautier Ventures to the camp expeditor, Vicki Podgorenko, in Mackenzie. The samples were then shrink-wrapped onto wooden pallets and shipped via a bonded freight carrier to Acme Analytical Laboratories in Vancouver.

Analytical Procedures

All of the samples from the 2013 exploration program were analyzed at Acme Analytical Laboratories Ltd. of Vancouver with an address at 9050 Shaughnessy St. Vancouver BC, V6P 6E5. The Vancouver facility is an ISO 9001 and ISO/IEC 17025:2005 accredited lab.

Sample preparation for the soils, rocks and channel samples differed slightly. Soil samples were prepared using the SS80 process which involves drying the sample 60°C. Once dry 100 grams of material is collected after passing through an -80 mesh sieve. The rocks and channel samples were prepared using the R200-250 process which involves crushing the sample until 80% of the material passes through a 10 mesh sieve. A split of 250 grams is collected and then pulverized until 85% of this material passes through a 200 mesh sieve. Once prepared a number of analytical analyses were conducted on the samples.

All samples were analysed using the geochemical process Group 1F04. This analysis involves taking a 0.5 gram split from the pulp material and digesting the material in a modified Aqua Regia solution (HNO3-HCL acid) with equal parts concentrated HCl, HNO3 and distilled water for a period of one hour in a hot water bath. The sample is then made up to volume with diluted HCl in a class A volumetric flask. Analysis is then completed by inductively coupled plasma emission spectrometry (ICP-ES). Rock or channel samples which had any overruns in Pb or Zn were analysed using the Group 7AR process. This involves taking a 1 gram split from the pulp material and digesting the material in a modified Aqua Regia solution (HNO3-HCL acid) with equal parts concentrated HCl, HNO3 and distilled water for a period of one hour in a hot water bath. The sample is then made up to volume with diluted HCl in a class A volumetric flask. Analysis is then completed by inductively coupled plasma emission spectrometry (ICP-ES). Due to the insoluble nature of barite whole rock analysis was completed using the Group 4A process for the rock and channel samples. This involves total fusion of a 0.1 gram split of the pulp using a lithium metaborate flux followed by digestion in dilute nitric acid. Subsequent analysis was done by inductively coupled plasma emission spectrometry (ICP-ES).

7.4 Prospecting Program

Prospecting during a limited number of mapping traverses resulted in the discovery of the Sitka Showing. The showing was discovered by field geologist Andrew Wilkins and was named after his dog Sitka.

The showing is located on the western facing slope just below the saddle on what is referred to as “Repeater Hill” and is situated in a sparsely treed mountain meadow near the crest of the

mountain (Table 7-1). At a distance the outcrop has a prominent white weathered appearance which prompted the initial investigation of the area.

Name	Description	UTM E (m)	UTM N (m)
Sitka Showing	Massive, coarse grained subhedral barite with quartz and weathered sphalerite and galena	392,016	6,361,651

Table 7-1: Sitka showing location

The showing outcrop measures approximately 6 metres long by 3 metres wide with a general NW-SW orientation and consists of massive white to off-white barite, quartz and carbonate with minor red brown sphalerite and galena that is situated along the thrust contact between the Silurian siltstones of the Road River Group and the black shales of the Earn Group (Plate 7-2). At this time the showing is considered to be a vein occurrence. The barite appears to have a pinch and swell character to it suggesting that it has been boundinaged. A second, smaller, showing is located approximately 50 metres to the southeast (Appendix 1).

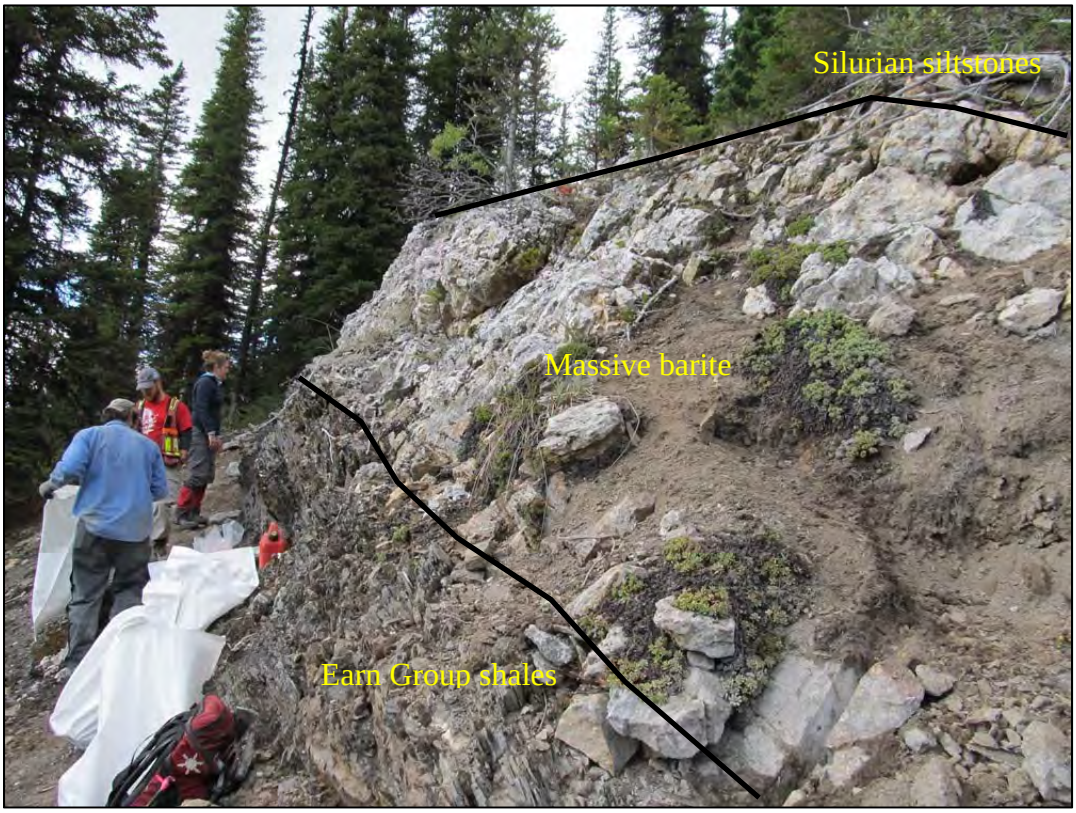

Plate 7-2: Channel sampling at the Sitka Showing (Photo taken by N. Johnson 2013)

The red brown coarse-grained sphalerite is disseminated throughout the barite whereas the galena is concentrated within localized pods or seams (Plate 7-3). The sulphides preferentially weather giving the outcrop a pockmarked appearance in places.

Plate 7-3: Representative sample taken from the Sitka showing with concentrated galena hosted in massive barite (Photo taken by N. Johnson 2013)

Additional prospecting along strike of the Sitka showing to the south east along a prominent limestone cliff (Plate 7-4) resulted in the discovery of quartz, barite veins and float boulders with minor sphalerite and galena displaying similar characteristics to that of the Sitka showing.

Plate 7-4: Quartz-carbonate-barite veins with minor sphalerite and galena within the Kwadacha limestone (Photo taken by N. Bruemmer 2013)

Plate 7-5: Concentrated galena in Qtz-barite veins in the Kwadacha limestone (Photo taken by N. Bruemmer 2013)

A total of 7 grab samples were collected on the Sitka property during prospecting traverses that returned highly anomalous values of Pb, Zn and Ba. Table 7-2 highlights the key results from the samples collected. A full table of results is presented in Appendix 2. All 7 of the grab samples returned highly anomalous Zn and Pb values that required assay reruns with grades reaching 43.55% and 12.04% respectively (Plate 7-5).

Sample #	Utm E (m)	Utm N (m)	Pb (ppm)	Zn (%)	Ag (ppb)
1197017	392202	6361400	3730.88	9.35	1739
1197018	392362	6361276	12.04 (%)	7.64	12152
1197019	391956	6361714	1308.89	5.87	773
1197020	392604	6360997	415.44	43.55	1354
1197021	392581	6361000	5.40 (%)	20.87	8200
2379009	393304	6360085	3.01	7.98	142
2379010	393317	6360070	52.96	4.48	56

Table 7-2: Grab sample results on the Sitka property, highlights.

In addition to the prospecting, preliminary mapping was completed along the western edges of the Sitka property. The majority of the property has not been mapped. Mapping was generally restricted to the ridge tops and creeks where outcrop is typically exposed. The mapping identified and delineated the NW-SE trending easterly dipping thrust fault that generally marks the eastern boundary to the Akie property. Lithological units encountered were restricted to the

Silurian siltstones that are in thrust contact with the black shales of the Earn Group in the immediate vicinity of the Sitka showing; and the Kwadacha limestones to the southeast of the showing. To the northwest of the showing it appears that the Earn Group shales and the Kwadacha limestone form an overturned antiform that is pinched out by a westerly dipping thrust fault (Appendix 1).

7.5 Channel Sampling Program

The discovery of the Sitka Showing prompted a short two-day channel sampling program on the outcrop. A portable rock saw was utilised to cut a series of channels into the main Sitka showing and the smaller showing located to the southeast. Six channels were cut across the length and width of the main Sitka outcrop and a single channel on the smaller outcrop. A total of 23 samples were collected from these channels. The key results are shown in Table 7-3. The full table of results from the channel sampling can be seen in Appendix 3.

Sample #	Channel	Unit	Utm E (m)	Utm N (m)	Pb (ppm)	Zn (ppm)	Ag (ppb)
1195451	1	Earn Group	392009	6361654	360.10	5.12 (%)	428.00
1195452	1	Qtz-Ba Vein	392009	6361655	195.20	7222.40	252.00
1195453	2	Qtz-Ba Vein	392010	6361657	266.99	5019.40	227.00
1195454	2	Qtz-Ba Vein	392010	6361658	1.77 (%)	5312.40	4331.00
1195455	3	Earn Group	392012	6361651	650.88	7539.70	1226.00
1195456	3	Qtz-Ba Vein	392013	6361652	3.72 (%)	4916.20	9442.00
1195457	3	Qtz-Ba Vein	392013	6361653	139.30	1.04 (%)	114.00
1195458	3	Qtz-Ba Vein	392014	6361653	51.37	1.21 (%)	149.00
1195459	3	Qtz-Ba Vein	392014	6361654	74.21	7311.80	387.00
1195460	3	Sil. Siltstone	392014	6361655	290.66	9101.60	355.00
1195461	4	Earn Group	392015	6361649	657.18	2587.00	644.00
1195462	4	Qtz-Ba Vein	392017	6361649	842.32	1157.80	212.00
1195463	4	Qtz-Ba Vein	392018	6361651	3462.63	817.40	740.00
1195464	5	Earn Group	392021	6361651	680.91	1.19 (%)	1198.00
1195465	5	Qtz-Ba Vein	392021	6361652	105.52	2.65 (%)	417.00
1195466	5	Sil. Siltstone	392022	6361653	17.59	6326.70	137.00
1195467	5	Qtz-Ba Vein	392022	6361653	3.29	4888.10	28.00
1195468	5	Qtz-Ba Vein	392022	6361654	39.36	6689.30	132.00
1195469	6l	Qtz-Ba Vein	392028	6361661	66.69	9671.20	168.00
1195470	6	Qtz-Ba Vein	392028	6361661	23.84	8722.60	166.00
1195471	6	Sil. Siltstone	392029	6361661	16.13	2189.50	124.00
1195472	7	Qtz-Ba Vein	392076	6361623	10.06	7649.60	55.00
1195473	7	Earn Group	392076	6361623	26.50	1206.60	284.00

Table 7-3: Sitka showing channel samples results, highlights

The results indicate that the barite structure is consistently anomalous in Zn with the Pb values being quite localized within the outcrop. Of the 23 samples taken 7 required reruns due to over limits being reached in Zn and or Pb. These assay reruns returned zinc grades of up to 5.12% and Pb grades of up to 3.72%. Sampling that occurred outside of the barite vein material in either the Silurian siltstones or Earn Group shales also returned highly anomalous Zn values in excess of 0.1% and Pb values in excess of 100 ppm. The extent in which the anomalism continues into the host sedimentary rocks is unknown (Appendix 1). The Ag values are muted in comparison to the Zn and Pb with only a few samples returning values in excess of 1000 ppb (Appendix 1).

7.6 Soil Sampling Program

The soil sampling program on the Sitka property was a small subset of the much larger program that took place over the eastern side of the Akie property. A series of 200 metre spaced lines with sample stations every 50 metres were extended onto the Sitka property in response to the discovery of the showing. A total of 149 samples were collected on the property. The sample location map and key results for Zn, Pb, Ag and Tl can be seen in Appendix 1. A full table of the results can be seen in Appendix 4.

The sampling defined a prominent Ag anomaly in the immediate vicinity of the Sitka showing. The anomaly measures approximately 2.25 kilometres long by 300 metres wide and extends along strike from the Sitka showing to the northwest and south east. Silver values within the anomaly are consistently in excess of 1,500 ppb and can reach 15,765 ppb. The Pb and Zn soil values are muted in their response with no defined anomaly that correlates with the Ag values.

7.7 Discussion

The Sitka showing discovery represents the first significant occurrence of Ba-Pb-Zn mineralisation on the eastern side of Silver Creek in what is referred to as the Eastern Panel of Gunsteel formation shales or Earn Group shales. The mineralisation occurs along the thrust contact between the Silurian siltstones and the Earn Group shales. Based on the subhedral coarse grained nature of the barite and fine grained quartz it appears that the showing is a vein occurrence. No sedimentary layering or bedding was observed within the barite however one could also consider that its coarse grained character is the result of recrystallization due to the folding and thrust present in the region. This idea is speculative as this point. The showing also appears to be spatially linked to a second, much smaller outcropping with similar mineralisation and to several quartz-barite veins hosted within the Kwadacha limestone located over a kilometre to the southeast. Soil sampling in the immediate vicinity of the showing appears to indicate that it is associated with a prominent Ag anomaly with spectacular values in excess of 15,000 ppb. However it is surprising that there does not appear to be a corresponding Pb or Zn anomaly of any measurable significance associated with the Sitka showing especially considering the spectacular Pb and Zn grades observed from the channel sampling.

At this time only a cursory understanding of the Sitka showing and its exploration impact and potential is known. Further work is required.

8.0 Conclusions and Recommendations

Geological mapping and prospecting at the eastern limit of the Akie property resulted in the discovery of the Sitka showing. This discovery prompted the staking of the Sitka property and a short exploration program was conducted in and about the showing.

1. The Sitka showing appears to be a vein occurrence situated along the thrust contact between the Silurian siltstones and the black shales of the Earn Group. The mineralisation consists of coarse grained barite hosted in a fine grained quartz matrix that hosts disseminated red-brown sphalerite and locally clustered seams of galena.

2. Additional prospecting discovered a second, much smaller showing located approximately 50 metres to the southeast and a number of vein occurrences of similar character were discovered within a prominent outcropping of Kwadacha limestone located approximately one kilometre away along strike to the southeast.

3. Channel sampling program on the Sitka showing indicates that the showing is consistently anomalous in Zn while the Pb content is a bit scattered.

4. The extension of the Akie property soil sampling program onto the Sitka property revealed the presence of a prominent Ag anomaly situated in the immediate vicinity of the Sitka showing. Ag values can be in excess of 15,000 ppb. There does not appear to be corresponding Pb and Zn anomalism.

Based on these preliminary results and observations several recommendations are made for a follow-up exploration program on the Sitka property to better understand this occurrence of mineralisation.

1. Additional soil sampling is necessary to provide more extensive coverage of the areas along strike of the Sitka showing both to the northwest and southeast.

2. Preliminary mapping and prospecting of the Sitka property should be completed with a focus on the areas along strike of the showing. Mapping of the property will provide a better understanding of its stratigraphy and whether the regional mapping conducted by the BCGS is a good representation of the geology on the property.

3. Future exploration on the Sitka property should occur in conjunction with exploration activities on the Akie property and the 2013 data should be merged with existing information from the Akie property.

9.0 References

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Pigage, L.C., 1986. Geology of the Cirque barite-zinc-lead-silver deposits, Northeastern British Columbia, *in* Mineral Deposits of Northern Cordillera, J. Morin (editor), *Canadian Institute of Mining and Metallurgy, Special Volume 37*, p71-86.

10.0 Statement of Qualifications

I, Nicholas L. Johnson, do hereby state:

1. That I am a resident of Ontario, with an address of 436 Alfred St., Kingston, Ontario, K7K 4H9.
2. That I am a graduate of Queens University (B. Sc. Hons in Geology, 2001);
3. That I have been continuously employed in the mineral exploration industry since May of 2002 after graduating from Queens University.
4. That I am currently under the employ of Canada Zinc Metals Corp. a British Columbia corporation with a business address of Suite 2050 1055 West Georgia Street, Vancouver, B.C., V6E-3P3.
5. I oversaw the work described in this report and I am the sole author of the report entitled "Prospecting, Soil and Channel Sampling Program on the Sitka Property: Summary Report"

Dated in Vancouver, B.C., on the 15th of April, 2014.

Nicholas L. Johnson, B.Sc. (Hon.)

11.0 Statement of Expenditures

CONTRACTOR	CATEGORY	Who	Dates	Type	Unit	Quantity	Unit Rate	Sub-Total	Total
Acme Analytical Laboratories	SAMPLE ANALYSIS		28 Aug, 10, 27 Sept 2013	Soils	#	144.0	$ 19.30	$ 2,779.20	
			24 Sep, 1 Oct 2013	Rocks	#	30.0	$ 37.09	$ 1,112.63	$ 3,891.83
Canadian Freightways	FREIGHT		26 Aug, 2 & 9 Sep 2013	Freight	lb	295.0	$ 0.20	$ 59.00	$ 59.00
Coast Mountain Geological	COMMUNICATIONS			Handheld Radios	man-day	15.0	$ 4.00	$ 60.00	
				Radio Repeater Rental	day	5.0	$ 16.67	$ 83.35	
	EQUIPMENT			Field Gear (/man-day)	man-day	13.0	$ 15.00	$ 195.00	
				Spot Trackers	days	5.0	$ 4.00	$ 20.00	
	TRANSPORTATION			ETV Rental	day	5.0	$ 75.00	$ 375.00	
	PERSONNEL	Matt Pope	27, 29 Aug 2013	Geologist	day	2.0	$ 600.00	$ 1,200.00	
		Nadia Bruemmer	18, 21, 27, 29 Aug 2013	Geologist	day	3.5	$ 600.00	$ 2,100.00	
		Jordan Lewis	18 Aug 2013	Geotechnician	day	1.0	$ 435.00	$ 435.00	
		Greg Sotiropoulos	18, 19 Aug 2013	First Aid/Geotechnician	day	1.0	$ 460.00	$ 920.00	
		Jordan Lewis	21, 26, 27 Aug 2013	First Aid	day	1.5	$ 230.00	$ 345.00	
		Matt McGuinness	21, 26, 27 Aug 2013	Geotechnician	day	1.5	$ 400.00	$ 600.00	
	REPORT PREPARATION			Drafting	hr	10.0	$ 75.00	$ 750.00	
				Post-Field Data Compilation	hr	10.0	$ 75.00	$ 750.00	$ 7,833.35
ESS	ACCOMMODATIONS		27 Aug, 19 Sep 2013	0 to 10 People	day	0.0	$ 199.62	$ -	
			Daily Room Rates	11 to 20 People	day	15.5	$ 140.88	$ 2,183.64	
			Variable	21 to 30 People	day	0.0	$ 115.50	$ -	
				31 to 40 People	day	0.0	$ 98.51	$ -	$ 2,183.64
Gauthier Ventures	FREIGHT		21, 28 Aug & 5 Sep 2013	Freight	lbs	295.0	$ 0.32	$ 92.93	$ 92.93
Kwadacha Natural Resources	PERSONNEL	Jordan McCook	18,19, 21, 26, 27 Aug 2013	Field Assistant	day	2.5	$ 225.00	$ 562.50	
		Darren Raphael	18,19, 21, 26, 27 Aug 2013	Field Assistant	day	2.5	$ 225.00	$ 562.50	
				Other (Admin)	%	1125.0	35	$ 393.75	$ 1,518.75
Yellowhead Helicopters	TRANSPORTATION		18, 19, 21, 26, 27 Aug 2013	A-Star 350 B2	hr	3.3	$ 1,325.00	$ 4,372.50	
				Fuel (@ $1.60/L)	litre	660.0	$ 1.60	$ 1,056.00	
				Other (Crew, Oil, etc.)	ls	1.0	$ 13.20	$ 13.20	
	EQUIPMENT			Fuel Tank Rental	day	2.5	$ 50.00	$ 125.00	$ 5,566.70
Canada Zinc Metals	PERSONNEL	Nick Johnson	18 Aug 2013	Project Geologist	day	1.0	$ 600.00	$ 600.00	
		Ken MacDonald	29 Aug 2013	VP Exploration	day	1.0	$ 750.00	$ 750.00	
	REPORT PREPARATION			Drafting	hr	10.0	$ 75.00	$ 750.00	
				Post Field Data Compilation & Assessment Report Preparation	day	4.0	$ 500.00	$ 2,000.00	$ 4,100.00
							TOTAL	**$ 25,246.20**	**$ 25,246.20**

APPENDIX 1
Maps

390500 mE 391000 mE 391500 mE 392000 mE 392500 mE 393000 mE 393500 mE 394000 mE 394500 mE 395000 mE

6364500 mN 6364000 mN 6363500 mN 6363000 mN 6362500 mN 6362000 mN 6361500 mN 6361000 mN 6360500 mN 6360000 mN 6359500 mN 6359000 mN

N

LEGEND

Geology

- Dew: Warneford Fm. Dark grey sandstone to black chert pebble conglomerate
- Dea: Akie Fm. Medium grey soft phyllitic shales
- De: Undefined Earn Group black shales
- Deg: Gunsteel Fm. Black carbonaceous and siliceous shales, immediate host to mineralisation
- Dkl: Kwadacha Reed Fossiliferous limestone
- Dbx: Qtz-Ba- Veins +/- Sp & Ga
- Sss: Tan to beige weakly calcareous and bioturbated siltstones

Structural Linaments

- fault
- thrust or reverse fault
- anticline, inferred
- syncline, infered
- anticline, overturned, inferred
- syncline, overturned, inferred

Structural Measurements

- bedding & contacts, inclined
- cleavage or foliation, inclined
- cleavage or foliation, vertical
- dike, inclined
- vein, inclined
- vein, vertical
- fracture, inclined
- fracture, vertical

no mapping

no mapping

no mapping

SITKA
Claim Boundary

Sitka Showing
Ba, Si, Pb, Zn

Dkl

Dew

Deg

De

34 20 83 86 59 38 90

CANADA ZINC METALS CORP.

	Sitka Claims Preliminary Geology Map
Date:15/4/2014	
Author:	
Office: Vancouver	
Drawing:	
Scale: 1:10000	Projection: UTM Zone 10 (NAD 83)

0 125 250 500
metres

389000 390000 391000 392000 393000

6363000 6362000 6361000 6360000

N

DPss DGsh DAps DAp Dkwad DGsh RRG D U DGsh Dkwad DAp DWcg DGsh DGps Dkwad Dkwad Dkwad RRG DGsh RRG

Sitka Claim Group

Akie Claim Group

Cardiac Creek Deposit

Sitka Showing

1197019: 5.87/0.12

1197017: 9.35/0.34

1197018: 7.64/12.04

1197020: 43.55/0.03

1197021: 20.87/5.4

2379016: 7.65/0.53

2379015: 2.88/27.04

2379014: 2.00/48.95

2379013: 3.75/2.14

2379012: 1.62/0.76

2379011: 5.18/17.15

2379010: 4.48/0.01

2379009: 7.98/0.01

0 250 500 1,000 Meters

Sitka Showing

0 2.5 5 10 Meters

Channel 1: 1195451 >10000.0/360.1; 1195452 7222.4/195.2; 1195453; 1195454 5312.4/>10000.00; 1195455 7539.7/650.88; 1195456 4916.2/>10000.00; 1195457 >10000.0/139.3; 1195458 >10000.0/51.37

Channel 2: 1195453; 1195454 5312.4/>10000.00; 5019.4/266.99

Channel 3: 1195455 7539.7/650.88; 1195456 4916.2/>10000.00; 1195457 >10000.0/139.3; 1195458 >10000.0/51.37; 1195459 7311.8/74.21; 1195460 9101.6/290.66

Channel 4: 1195461 2587/657.18; 1195462 1157.8/842.32; 1195463 817.4/3462.63

Channel 5: 1195464 >10000.0/680.91; 1195465 >10000.0/105.52; 1195466 6326.7/17.59; 1195467 4888.1/3.29; 1195468 6689.3/39.36

Channel 6: 1195469 8722.6/23.84; 1195470 2189.5/16.13; 1195471 9671.2/66.69

Channel 7 (Off Map) 1.3m of 4180ppm Zn

Massive Barite w/ Gn, Sp

Siltstone

Shale

Channel Sample Zn ppm / Pb ppm

Channel Line

Outcrop

Overlimit Assays

Sample	Zn %	Pb %
1195451	5.12	0.04
1195454	0.56	1.77
1195456	0.51	3.72
1195457	1.04	0.03
1195458	1.21	<0.01
1195464	1.19	0.06
1195465	2.65	<0.01

Deg - Undefined Gunsteel Fm: Silty shales, silcecous shales, carbonaceous shales

DWcg - Dark grey sandstone to black chert pebble conglomerate

DAp - Medium grey soft shale

DAps - Medium grey pinstriped shale

DAs - Medium to light grey siltstone

DGps - Dark grey to black pinstriped shale

DGsh - Black carbonaceous, siliceous shale, immediate host to mineralisation

DPdf - Polymictic debris flow hosted in black shale

DPss - Silty shale (Turbidite flows)

Dkwad - Kwadacha fossiliferous limestone

RRG - Undefined Road River Group (dolomitic siltstones, interbedded shale with limestone and black shales)

Outcrop Extent

Fault: Displacement Unknown

Fault: Displacement Known

Thrust

Claim Outline

Rock Sample: Zn %/Pb %

Showing

Deposit

Resource Outline: 5% Zn Cutoff

Contour Line (20 m Interval)

Stream

Topographic data BCGS Trim Dataset 1:20000

Akie Property - Sitka Showing

Drawn By: J. Lewis

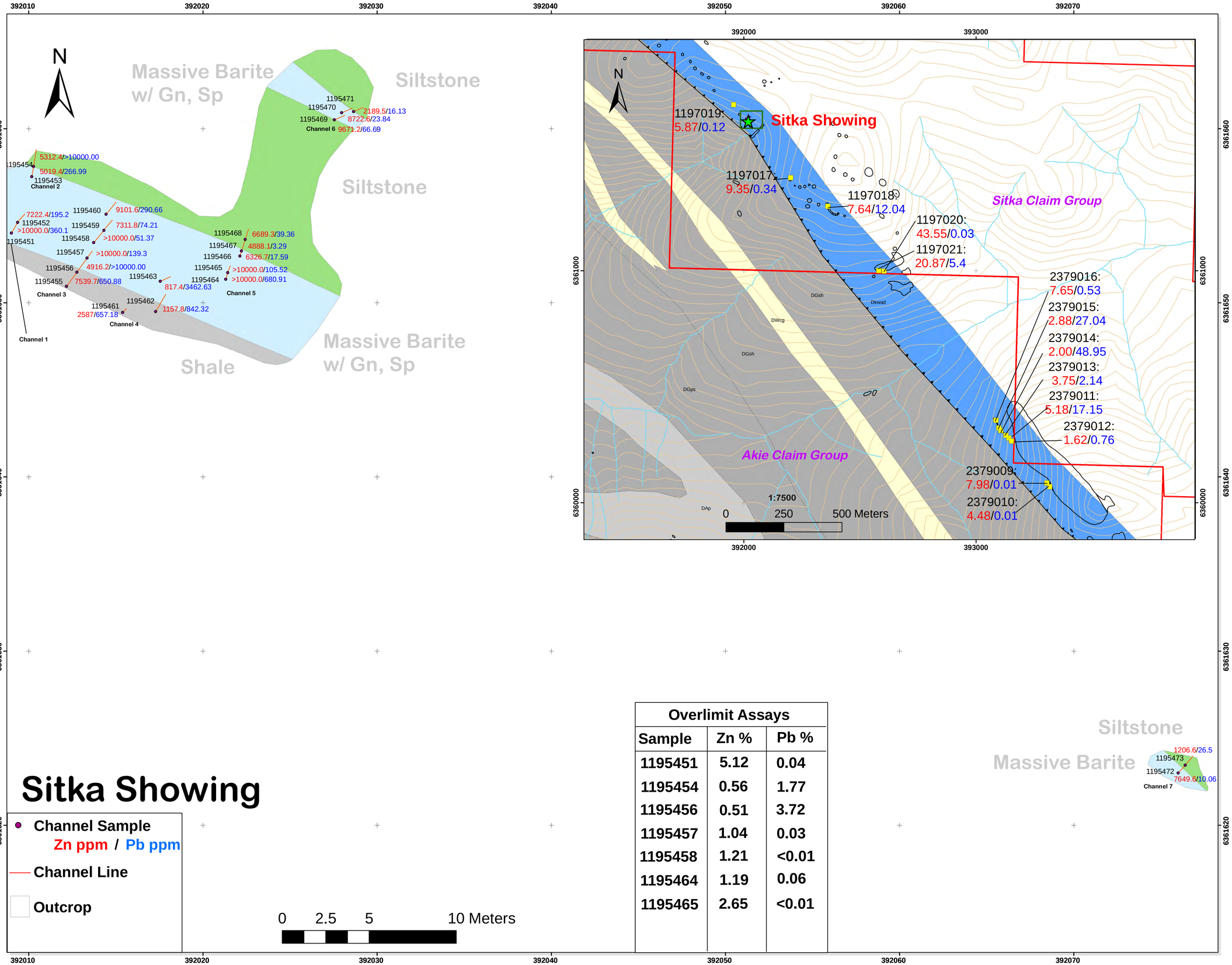
Date: 10/24/2013

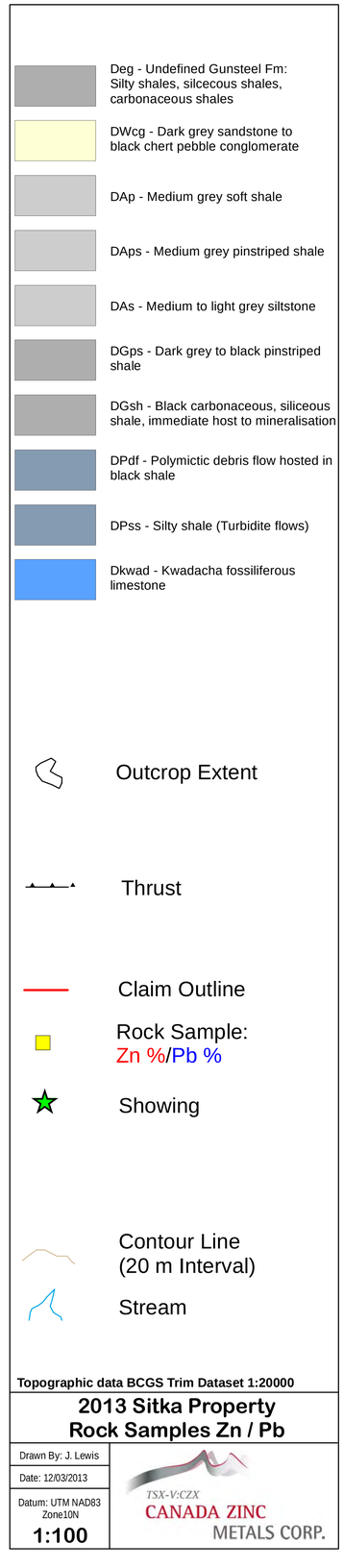
Datum: UTM NAD83 Zone10N

1:15000

TSX-V:CZX CANADA ZINC METALS CORP.

Sitka Showing





Overlimit Assays

Sample	Zn %	Pb %
1195451	5.12	0.04
1195454	0.56	1.77
1195456	0.51	3.72
1195457	1.04	0.03
1195458	1.21	<0.01
1195464	1.19	0.06
1195465	2.65	<0.01

Channel Sample
Zn ppm / Pb ppm
Channel Line
Outcrop

0 2.5 5 10 Meters

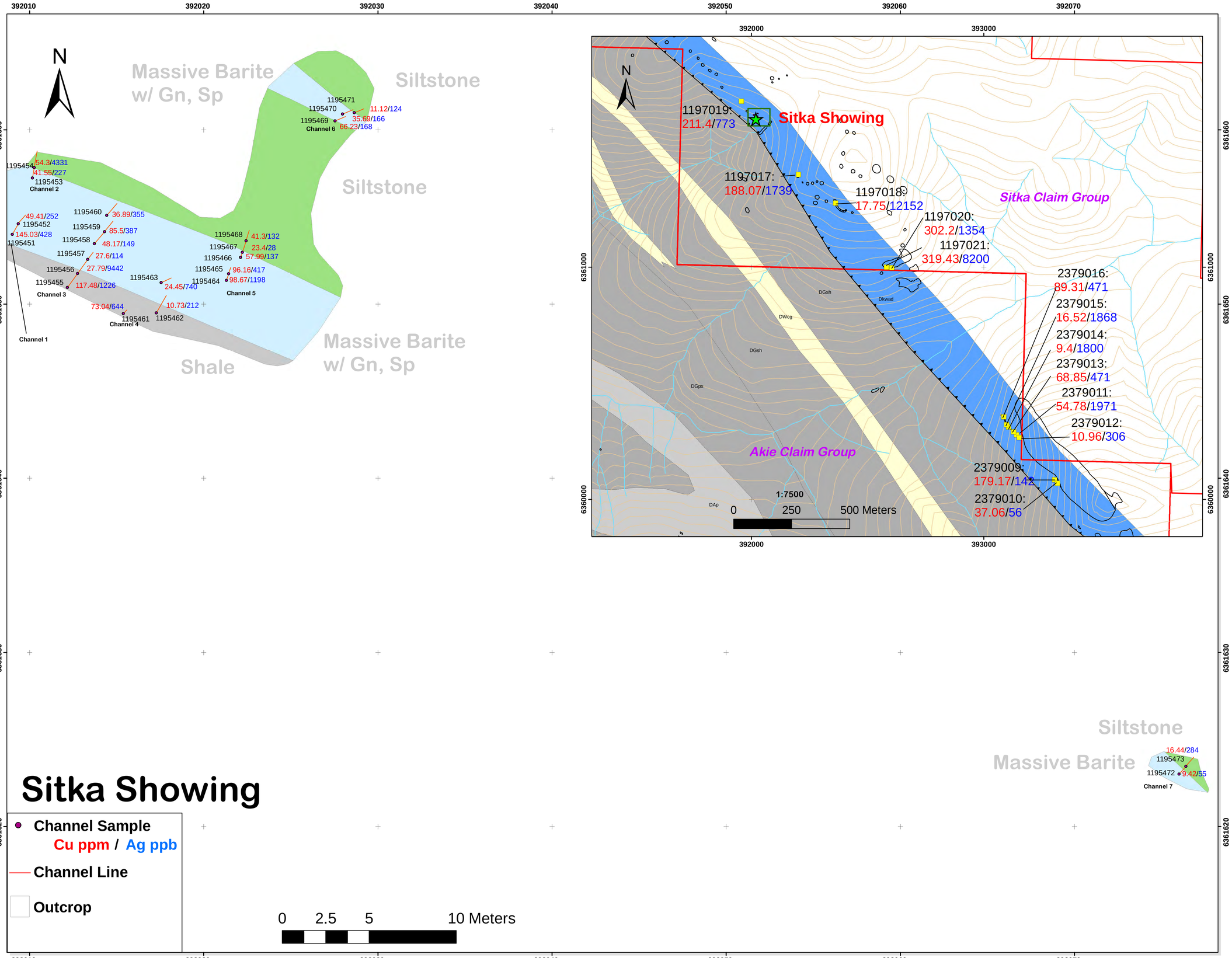
Topographic data BCGS Trim Dataset 1:20000

2013 Sitka Property
Rock Samples Zn / Pb

Drawn By: J. Lewis
Date: 12/03/2013
Datum: UTM NAD83 Zone10N
1:100

TSX-V:CZX
CANADA ZINC METALS CORP.

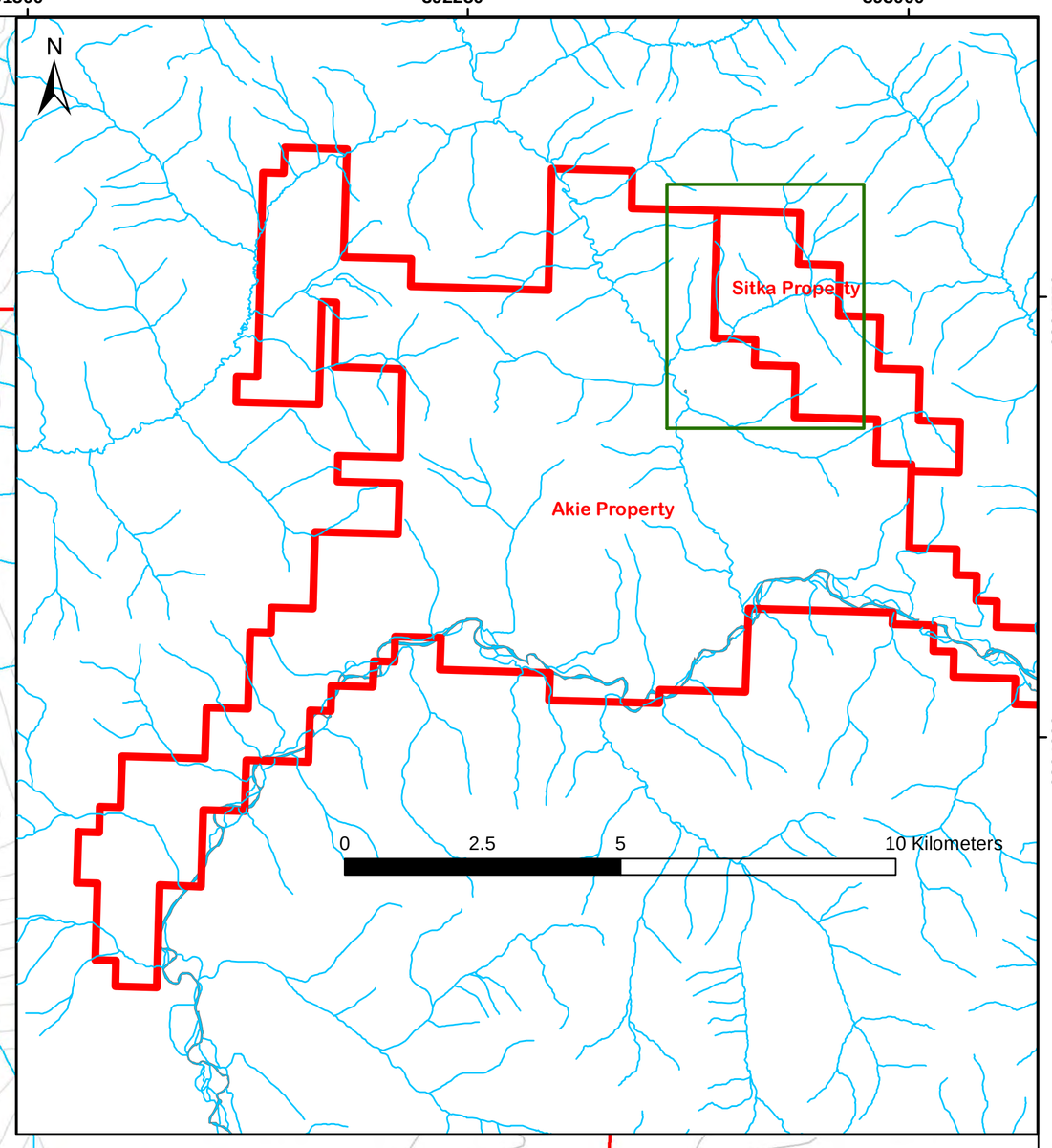
Sitka Showing



Topographic data BCGS Trim Dataset 1:20000

2013 Sitka Property
Rock Samples Cu ppm / Ag ppb

Drawn By: J. Lewis	
Date: 12/03/2013	
Datum: UTM NAD83 Zone10N	TSX-V:CZX CANADA ZINC METALS CORP.
1:100	



Sitka Property

Akie Property

Silver Creek

2378419
2378551
2378552
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2378602
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1197020
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2378706
2378701
2378702
2378703
2378704

389250
390000
390750
391500
392250
393000
6364750
6364000
6363250
6362500
6361750
6361000
6360250
6359500

Legend

- 2013 Soil Sample
- *2013 Rock Sample*
- Contour Line (20m Interval)
- Stream
- Claim Outline

Topographic data from BCGS TRIM 1:20000

2013 Sitka Geochemical Survey Sample Locations

Drawn By: J. Lewis

Date: 04/10/2014

Datum: UTM NAD83 Zone10N

1:7500

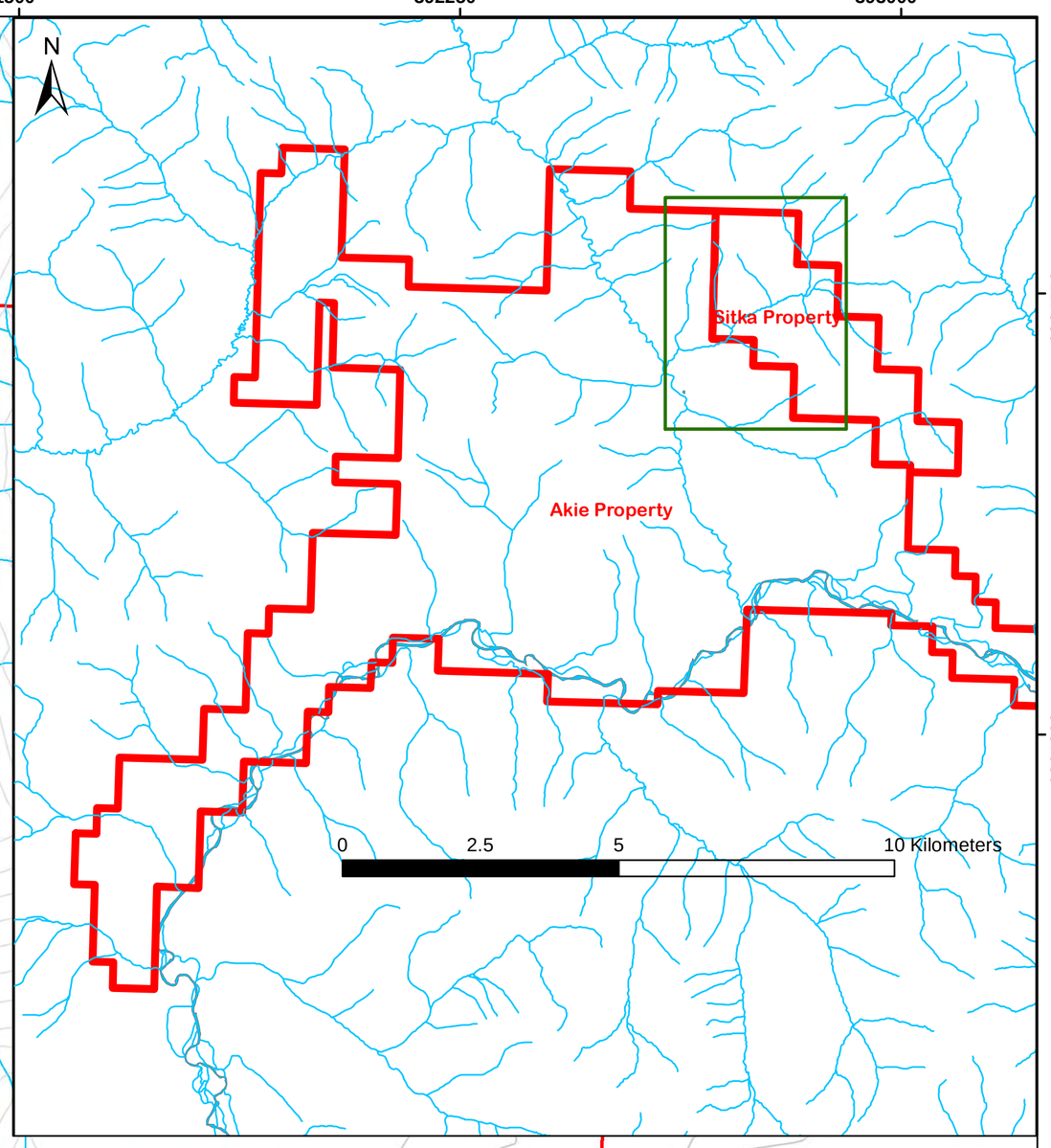
TSX-V:CZX
CANADA ZINC METALS CORP.

0 375 750 Meters

389250 390000 390750 391500 392250 393000

6364750 6364000 6363250 6362500 6361750 6361000 6360250 6359500

N



88.6 / 27.40
150.1 / 16.75
260.1 / 17.72
58.7 / 16.50
166.8 / 18.81
152.1 / 18.88
198.6 / 20.97
82.6 / 21.47
240.0 / 25.91
38.7 / 6.97
126.7 / 21.02
168.9 / 19.15
696.6 / 12.74
108.4 / 24.04
130.4 / 21.20
712.1 / 108.19
116.7 / 24.83
97.6 / 23.17
510.2 / 14.71
104.2 / 14.54
228.1 / 29.71
150.5 / 32.76
198.3 / 28.65
71 / 20.18
219.3 / 67.74
109.5 / 23.28
158.0 / 37.39
184.1 / 14.50
853.7 / 23.46
282.2 / 27.50
396.7 / 10.96
240.1 / 18.94

Sitka Property

112 / 25.83
217.5 / 18.5
68 / 10.39
187.1 / 6.37
58.6 / 17.8
40.8 / 5.1
99.6 / 22.06
192.3 / 22.75
245.1 / 14.14
132.2 / 12.36
336 / 12.61
170.2 / 13.08
32.1 / 8.22
104 / 26.79
293.2 / 23.77
121.4 / 18.99
230.1 / 32.07
110.8 / 21.6
105.7 / 41.01
118.1 / 36.19
178.5 / 72.16
79 / 25.58
122.6 / 20.82
111 / 24.53
195 / 58.87
66.9 / 13.04
57.5 / 22.14
>10000.0 / 1308.89
222.2 / 38.64
177.6 / 23.78
152.5 / 23.56
134.2 / 21.35
71.3 / 22.96
39.4 / 4.7
717.9 / 52.35
275.1 / 18.47
85.7 / 11.1
3019.7 / 174.4
203.5 / 18.98
199.5 / 19.08
248.7 / 17.88
452 / 34.68
218.5 / 17.32
493.2 / 19.99
152.8 / 20.59
314.5 / 23.83
237.4 / 22.77
254.8 / 23.68
658.5 / 17.29
126.3 / 24.12
172.5 / 15.99
81.7 / 33.32
221 / 21.42
671.3 / 22.71
51.9 / 15.89
312.3 / 23.54
947 / 21.79
52.9 / 15.38
>10000.0 / 3730.88
260.4 / 19.8
511.1 / 36.88
271.4 / 22.09
186.5 / 17.92
98.7 / 14.69
303.5 / 19.83
62.2 / 18.24
204.9 / 28.03
353.9 / 21.36
141.7 / 30
21.9 / 9.87
133.5 / 13.93
83 / 15.48
76.6 / 31.8
>10000.0 / >10000.00
307.5 / 32.49
535.6 / 33.23
31.8 / 6.29
376.4 / 40.1
552.3 / 33.31
94.1 / 20.46
81.2 / 18.89
873.8 / 31.18
184.2 / 31.88
68.2 / 12.93
112.6 / 22.55
1173.6 / 32.87
292.1 / 18.81
73 / 19.66
105 / 17.58
394.1 / 36.3
381.4 / 13.51
321.8 / 19.41
29.5 / 14.19
47.1 / 8.25
35.7 / 14.34
235.3 / 15.2
581.2 / 17.37
35.3 / 8.35
35 / 8.7
61.3 / 17.24
300.5 / 21.52
61.7 / 16.08
139 / 17.83
691.9 / 39.2
37.5 / 10.46
41.1 / 9.25
15.2 / 16.27
283.9 / 18.22
1520.4 / 72.81
17 / 20.63
410.6 / 24.67
>10000.0 / >10000.00
>10000.0 / 415.44
314 / 31.66

Akie Property

Silver Creek

Legend

- 2013 Soil Sample
  - Zn ppm/Pb ppm
  - Zn ppm > 750
  - Pb ppm > 50
- *2013 Rock Sample*
  - *Zn ppm/Pb ppm*
- Contour Line (20m Interval)
- Stream
- Claim Outline

Topographic data from BCGS TRIM 1:20000

2013 Sitka Geochemical Samples
Zn / Pb

Drawn By: J. Lewis
Date: 04/10/2014
Datum: UTM NAD83 Zone10N
1:7500

TSX-V:CZX
CANADA ZINC METALS CORP.

0 375 750 Meters

390000 390750 391500 392250 393000

6364750 6364000 6363250 6362500 6361750 6361000 6360250 6359500

N

N

Sitka Property

Akie Property

0 2.5 5 10 Kilometers

Sitka Property

Akie Property

Silver Creek

0 375 750 Meters

Legend

- 2013 Soil Sample
  - Tl ppm/Ag ppb
  - Tl ppm > 1.0
  - Ag ppb > 1500
- *2013 Rock Sample*
  - *Tl ppm/Ag ppm*
- Contour Line (20m Interval)
- Stream
- Claim Outline

Topographic data from BCGS TRIM 1:20000

2013 Sitka Geochemical Samples
Tl / Ag

Drawn By: J. Lewis

Date: 04/10/2014

Datum: UTM NAD83 Zone10N

1:7500

TSX-V:CZX
CANADA ZINC METALS CORP.

APPENDIX 2
Grab Samples

SAMPLE_NO	TYPE	SUBTYPE	LENGTH__cm	YEAR	PROPERTY	COMPANY	LAB	DIGESTION	METHOD	UNIT	LITHO	MINERALS	DESCRIPT	COMMENTS
1197017	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	BXqzcb	quartz carbonate breccia		subcrop of faulted contact between Sss and Dea, quartz carbonate breccia, white quartz + yellow gossanous carbonate with limonitic gossan staining, boxwork weathering of sulphide (trace galena)	
1197018	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	BXqzcbsx	quartz carbonate sulphide breccia		quartz carbonate sulphide breccia with limestone, 50 cm wide zone, sulphides mostly weathered out, but in places can find up to 50% galena, quartz is grey and massive with some euhedral crystals linning occasional small vugs, possible weathered sphalerit	
1197019	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	De	Silicified shale?		more massive, medium grey weathered, dark grey fresh, siltstone, lots of small quartz, calcite veins with possible barite, possible sphalerite, sample taken in area with orange to deep red gossan, silicified a bit, no buff weathering	
1197020	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	Dkr	Limestone		barite vein 5cm wide, gossaneous with barite and weathered out sulphide, orange-pink gossan, weathered out sulphide within host limestone, vein is undulatory/rough and roughly parallel to suspect bedding	
1197021	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	Dkr	Limestone		barite and weathered out sulphide and quartzhosted in fossiliferous limestone, galean found in vein material but encased in silica so not weathered out, veining is anastomosing with splays, veining maybe roughly parallel to bedding with splays along frac	
2379009	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	Dkr	Fossiliferous Limestone		high grade sample of grey quartz with fine grained sphalerite within barite lens, hand sample taken	
2379010	ROCK	Grab		2013	Sitka	Canada Zinc Corp	Acme	Aqua Regia, Lithium Borate Fusion	ICP-MS (GC), ICP-ES (A, WR)	Dkr	Fossiliferous Limestone		sample taken across barite lens	

SAMPLE_NO	CERTIFICATE	Geochem	LB_Mo_ppm	LB_Cu_ppm	LB_Pb_ppm	LB_Zn_ppm	LB_Ag_ppb	LB_Ni_ppm	LB_Co_ppm	LB_Mn_ppm	LB_Fe_pct	LB_As_ppm	LB_U_ppm	LB_Au_ppb	LB_Th_ppm	LB_Sr_ppm	LB_Cd_ppm	LB_Sb_ppm	LB_Bi_ppm	LB_V_ppm	LB_Ca_pct	LB_P_pct	LB_La_ppm	LB_Cr_ppm	LB_Mg_pct	LB_Ba_ppm1	LB_Ti_pct	LB_B_ppm	LB_Al_pct	LB_Na_pct	LB_K_pct	LB_W_ppm
1197017	VAN13003386		31.63	188.07	3730.88	>10000.0	1739	88.7	21.8	139	1.27	2.9	1.4	0.5	0.3	22.3	764.74	7.25	0.06	44	0.12	0.042	0.5	10.5	0.02	570.9	0.002	<20	0.44	<0.001	<0.01	<0.1
1197018	VAN13003386		1.87	17.75	>10000.00	>10000.0	12152	38.9	13.8	152	1.06	0.9	2.6	0.2	0.3	73.2	395.37	9.2	0.13	7	9.64	0.018	1	1.8	0.04	191.1	<0.001	<20	0.14	<0.001	<0.01	<0.1
1197019	VAN13003386		15.96	211.4	1308.89	>10000.0	773	17.8	7	35	0.84	9	2.4	<0.2	0.3	10	437.47	3.86	0.08	23	0.32	0.014	0.7	13.6	<0.01	19.1	0.005	<20	0.31	0.002	<0.01	0.4
1197020	VAN13003386		6.57	302.2	415.44	>10000.0	1354	56.4	36	277	2.22	9.2	0.7	<0.2	<0.1	8.2	>2000.00	12.82	0.1	5	0.42	0.003	1.4	4.7	0.03	196.6	<0.001	<20	0.07	0.008	0.03	<0.1
1197021	VAN13003386		12.87	319.43	>10000.00	>10000.0	8200	260.6	42.2	467	4.26	<0.1	3.3	<0.2	<0.1	16.4	>2000.00	19.44	0.41	36	0.22	0.007	15.7	8.7	0.05	202.6	<0.001	<20	0.5	0.003	0.02	0.2
2379009	VAN13003535		1.34	179.17	3.01	>10000.0	142	3.5	6.6	34	0.51	1.4	0.1	<0.2	<0.1	8.2	970.08	1.64	<0.02	3	0.02	0.006	<0.5	2.8	<0.01	10.7	<0.001	<20	0.03	<0.001	<0.01	<0.1
2379010	VAN13003535		1.39	37.06	52.96	>10000.0	56	17.6	4.7	29	0.26	0.4	0.3	<0.2	<0.1	70.4	436.49	0.71	<0.02	<2	0.32	0.003	<0.5	1.1	<0.01	1807.6	<0.001	<20	0.02	0.002	<0.01	<0.1

SAMPLE_NO	LB_Sc_ppm	LB_Tl_ppm	LB_S_pct	LB_Hg_ppb	LB_Se_ppm	LB_Te_ppm	LB_Ga_ppm	LB_Cs_ppm	LB_Ge_ppm	LB_Hf_ppm	LB_Nb_ppm	LB_Rb_ppm	LB_Sn_ppm	LB_Ta_ppm	LB_Zr_ppm	LB_Y_ppm	LB_Ce_ppm	LB_In_ppm	LB_Re_ppb	LB_Be_ppm	LB_Li_ppm	LB_Pd_ppb	LB_Pt_ppb	Assay	LB_Pb_pct	LB_Zn_pct	LB_Pb1_pct	Reference	UTM_E	UTM_N
1197017	0.8	0.1	0.04	23946	8.7	0.03	10.9	0.03	5.8	0.05	0.06	0.1	0.6	<0.05	2.4	16.17	1.5	0.06	3	0.3	0.6	<10	<2		0.34	9.35	ND	2013 CZX Field Program	392202	6361400
1197018	1	0.14	0.61	28871	92.7	<0.02	2.4	0.05	1.1	<0.02	<0.02	0.3	0.2	<0.05	0.5	12.35	2.2	0.03	<1	<0.1	0.3	<10	2		>10.00	7.64	12.04	2013 CZX Field Program	392362	6361276
1197019	1.1	0.13	2.92	20449	5.7	<0.02	1.9	0.03	28.6	0.06	0.03	0.3	0.1	<0.05	1.8	0.41	1.6	<0.02	40	0.1	0.8	<10	<2		0.12	5.87	ND	2013 CZX Field Program	391956	6361714
1197020	0.5	0.4	0.03	>50000	27.8	0.09	17.5	0.13	56.6	0.09	<0.02	0.7	2	<0.05	1.6	2.49	3.4	0.12	<1	0.1	0.8	<10	13		0.03	43.55	ND	2013 CZX Field Program	392604	6360997
1197021	0.9	0.43	0.22	>50000	62.8	0.1	21.6	0.1	9.3	<0.02	<0.02	1.4	3.9	<0.05	1.2	38.1	34.7	0.05	1	0.9	1.3	<10	5		5.4	20.87	ND	2013 CZX Field Program	392581	6361000
2379009	<0.1	0.05	4.03	31281	0.4	<0.02	1.2	<0.02	40.6	<0.02	0.07	0.2	<0.1	<0.05	0.2	0.17	<0.1	<0.02	7	<0.1	0.5	<10	<2		<0.01	7.98	ND	2013 CZX Field Program	393304	6360085
2379010	<0.1	0.04	0.07	15184	3.6	<0.02	0.4	<0.02	2.9	<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.8	0.3	<0.02	<1	<0.1	0.4	<10	<2		<0.01	4.48	ND	2013 CZX Field Program	393317	6360070

APPENDIX 3
Channel Samples

SAMPLE_NO	TYPE	SUBTYPE	LENGTH__m_	Azimuth	YEAR	PROPERTY	COMPANY	LAB	DIGESTION	METHOD	UNIT	LITHO	MINERALS	DESCRIPT	COMMENTS
1195451	ROCK	Channel	0.7	30	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	De	Shale		First Line: brecciated footwall shales, silicified, dark grey to black shales, barite-quartz veining with orange gossan, and box work weathering	
1195452	ROCK	Channel	0.65	42	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		more massive white barite, with patches of dark grey barite (?), 0.5cm nodules of sphalerite (red and resinous) and galena, orange gossan. Above this is an unsampled section of shales	
1195453	ROCK	Channel	0.6	10	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		upper barite pod with bands of gossan that contain box work weathering and 2-5% sphalerite and galena clots, massive white barite with orange yellow staining and clots of dark grey barite	
1195454	ROCK	Channel	1	10	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		upper section of upper pod, last 10cm into siltstone, massive barite with dark grey barite nodules, and trace clots of galena and sphalerite	
1195455	ROCK	Channel	1	36	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	De	Shale		Second Line: black shales in footwall, muddy, fissile, gunsteel like, weakly silicified	
1195456	ROCK	Channel	1	36	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		3cm nodules of white barite within a matrix of dark grey barite, several massive bands of galena with orange gossan staining around it in the barite, semi-massive barite, few specks of sphalerite	
1195457	ROCK	Channel	0.5	36	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		massive barite with clots of dark grey barite	
1195458	ROCK	Channel	0.9	40	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		massive white barite with dark grey quartz clots, box work weathering, orange-yellow gossan	
1195459	ROCK	Channel	0.8	40	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		massive white barite, at top of channel in contact with dark shales, grey barite clots, and orange yellow gossan staining	
1195460	ROCK	Channel	0.9	40	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	Sss	siltstone		dark grey siltstone, fissile	
1195461	ROCK	Channel	0.3	42	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	De	Shale		Third Line: footwall black shales, fissile, orange gossan towards contact with stringer veins of barite and quartz	
1195462	ROCK	Channel	1.15	30	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		massive white barite with clots of dark grey barite, orange to yellow gossaneous staining, few specks of galena	
1195463	ROCK	Channel	0.64	65	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		white massive barite with orange yellow gossaneous staining and box work weathering, end of sample marked by glob of galena, clots of dark grey barite	
1195464	ROCK	Channel	0.4	18	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	De	Shale		Fourth Line: black fissile shales with orange gossaneous pockets of barite, quartz, calcite stringer veins running parallel to foliation	
1195465	ROCK	Channel	0.4	20	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		white and grey barite with orange yellow gossan and box work weathering, few specks of galean and sphalerite	
1195466	ROCK	Channel	0.3	18	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	Sss	siltstone		dark grey siltstone, massive (not fissile), hard with a few white barite quartz veins	
1195467	ROCK	Channel	0.7	18	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		white massive barite with grey clots, minor gossaneous staining and box work weathering, strong sulphur smell	
1195468	ROCK	Channel	0.6	18	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		white massive barite with grey, orange yellow gossaneous staining, band of red gossan with box work weathering running along strike of pod, fine grained disseminated sphalerite in gossaneous bands	
1195469	ROCK	Channel	0.55	67	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		upper pod, 2-5% sphalerite clots and disseminated, red and resinous, whtie to grey barite, with gossaneous orange yellow staining, one crystal of sphalerite has a blue hue to the crystal	
1195470	ROCK	Channel	0.65	67	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		mix of breccia of dark grey siltstone with white barite-quartz veins, slight gossan, fissile towards end of channel, massive for the most part	
1195471	ROCK	Channel	0.6	67	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	Sss	siltstone		medium grey siltstone with few narrow white veins of barite-quartz-calcite, massive siltstone with sections of fissile shales (?)	
1195472	ROCK	Channel	0.6	42	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	BXbaqzcbsx	barite pod w sulphides		Creek line: massive white to yellow barite with occasional clast of black wall rock, gossaneous on weathered surfaces with leaching along fractures, no visible sulphides, grey barite	
1195473	ROCK	Channel	0.7	42	2013	Sitka	Canada Zinc Corp	Acme	Lithium Borate Fusion (WR), Aqua Regia (GC)	ICP-ES (WR, A), ICP-MS (GC)	De	Shale		light grey to silvery shale with erratic veinlets up to 1cm wide of quartz and barite	

SAMPLE_NO	CERTIFICAT	Whole Rock	LB_Ba_ppm	Geochem	LB_Mo_ppm	LB_Cu_ppm	LB_Pb_ppm	LB_Zn_ppm	LB_Ag_ppb	LB_Ni_ppm	LB_Co_ppm	LB_Mn_ppm	LB_Fe_pct	LB_As_ppm	LB_U_ppm	LB_Au_ppb	LB_Th_ppm	LB_Sr_ppm	LB_Cd_ppm	LB_Sb_ppm	LB_Bi_ppm	LB_V_ppm	LB_Ca_pct	LB_P_pct	LB_La_ppm	LB_Cr_ppm	LB_Mg_pct	LB_Ba_pp_1	LB_Ti_pct	LB_B_ppm	LB_Al_pct	LB_Na_pct	LB_K_pct
1195451	VAN13003388		115870		1.76	145.03	360.1	>10000.0	428	35.6	17.3	123	0.56	1.7	1	<0.2	0.4	383.3	427.74	2.91	<0.02	26	6.92	0.014	3.3	5.5	0.1	1698	0.003	<20	0.16	0.002	<0.01
1195452	VAN13003388		317822		0.18	49.41	195.2	7222.4	252	2.5	2.4	13	0.2	<0.1	<0.1	<0.2	<0.1	56.2	56.56	0.92	<0.02	2	0.04	0.003	<0.5	1.4	<0.01	219.4	<0.001	<20	0.03	0.002	<0.01
1195453	VAN13003388		300564		0.12	41.55	266.99	5019.4	227	1.3	2.5	14	0.16	0.2	<0.1	<0.2	<0.1	60.8	37.09	0.74	<0.02	<2	0.02	0.003	<0.5	1	<0.01	271.7	<0.001	<20	0.01	0.001	<0.01
1195454	VAN13003388		294255		0.08	54.3	>10000.00	5312.4	4331	5.4	7.7	26	0.18	<0.1	<0.1	<0.2	<0.1	79.4	56.15	5.72	0.03	<2	0.39	0.003	1	3.8	0.08	169.1	<0.001	<20	0.07	0.002	<0.01
1195455	VAN13003388		67572		27.07	117.48	650.88	7539.7	1226	29.6	10.7	76	1.3	16.9	4.2	0.8	2.7	24.7	72.6	2.48	0.11	32	0.19	0.068	12.2	6.3	0.05	7251.1	0.001	<20	0.97	0.002	0.1
1195456	VAN13003388		370838		0.35	27.79	>10000.00	4916.2	9442	4	1.2	9	0.07	<0.1	0.1	<0.2	<0.1	33.4	38.66	10.1	0.03	<2	0.03	0.002	<0.5	0.9	<0.01	96.9	<0.001	<20	0.03	0.003	<0.01
1195457	VAN13003388		346034		0.16	27.6	139.3	>10000.0	114	6.4	3.1	17	0.11	<0.1	0.2	<0.2	<0.1	52.4	104.31	0.39	<0.02	<2	0.05	0.004	<0.5	0.9	<0.01	2364.4	<0.001	<20	0.04	0.002	<0.01
1195458	VAN13003388		326154		0.15	48.17	51.37	>10000.0	149	3.1	2.3	13	0.17	<0.1	<0.1	<0.2	<0.1	41.3	88.95	0.64	<0.02	<2	0.07	0.002	<0.5	1.1	<0.01	279.9	<0.001	<20	0.02	<0.001	<0.01
1195459	VAN13003388		296836		0.36	85.5	74.21	7311.8	387	5.7	4.3	24	0.25	0.3	0.1	1.1	0.3	52	66.7	1.33	<0.02	3	0.25	0.008	1.2	7.7	0.16	3254	<0.001	<20	0.23	0.001	<0.01
1195460	VAN13003388		51315		0.68	36.89	290.66	9101.6	355	15	7.8	140	0.83	2	0.5	0.7	2.4	62.3	85.93	0.66	0.03	6	2.46	0.05	11.2	5.7	1.41	3883.8	0.001	<20	0.39	0.003	0.1
1195461	VAN13003388		79536		39.97	73.04	657.18	2587	644	32.4	11.7	42	1.49	23.6	6.1	0.6	3	10.8	25.53	2.54	0.09	24	0.08	0.044	13.3	6.3	0.02	>10000.0	<0.001	<20	1.88	<0.001	0.08
1195462	VAN13003388		349376		0.17	10.73	842.32	1157.8	212	2	1.8	11	0.06	<0.1	<0.1	<0.2	<0.1	51.5	7.68	0.42	<0.02	<2	<0.01	0.002	<0.5	1.3	<0.01	2644.6	<0.001	<20	0.02	0.002	<0.01
1195463	VAN13003388		315157		0.15	24.45	3462.63	817.4	740	0.6	1.1	7	0.14	<0.1	<0.1	<0.2	<0.1	39.7	8.45	1.28	<0.02	<2	0.01	0.003	<0.5	1.3	<0.01	1916.8	<0.001	<20	0.02	0.002	<0.01
1195464	VAN13003388		70768		16.46	98.67	680.91	>10000.0	1198	52	25.2	50	1.51	16.7	2.3	<0.2	2.7	21.3	80.61	2.36	0.08	64	0.15	0.035	9.5	9.6	0.05	>10000.0	<0.001	<20	1.83	<0.001	0.1
1195465	VAN13003388		188057		0.53	96.16	105.52	>10000.0	417	13.4	11.8	38	0.36	0.6	0.5	<0.2	0.2	51.2	198.5	1.27	<0.02	6	0.32	0.003	0.9	4.5	0.03	75.7	<0.001	<20	0.07	0.002	<0.01
1195466	VAN13003388		139906		0.71	57.99	17.59	6326.7	137	22.8	23.9	105	0.57	1.8	0.4	1.3	2.1	152.7	99.32	0.61	0.16	18	2.77	0.028	8.2	13.7	1.67	>10000.0	0.001	<20	1.83	<0.001	0.02
1195467	VAN13003388		310342		0.05	23.4	3.29	4888.1	28	4.5	8.1	15	0.09	0.1	<0.1	<0.2	<0.1	74.1	41.37	0.09	<0.02	<2	0.33	0.002	<0.5	1.2	0.01	2925.8	<0.001	<20	0.02	<0.001	<0.01
1195468	VAN13003388		344555		0.05	41.3	39.36	6689.3	132	1.4	2	7	0.12	<0.1	<0.1	<0.2	<0.1	34.7	43.87	0.56	<0.02	<2	0.12	0.001	<0.5	0.6	<0.01	382.1	<0.001	<20	<0.01	<0.001	<0.01
1195469	VAN13003388		297520		0.2	66.23	66.69	9671.2	168	4.9	3.5	28	0.22	0.3	0.2	0.3	0.3	72.7	77.66	0.37	<0.02	<2	0.59	0.006	1.4	2.8	<0.01	245.2	<0.001	<20	0.05	0.001	0.01
1195470	VAN13003388		82819		0.43	35.69	23.84	8722.6	166	10.1	10.3	108	0.51	1.1	0.3	<0.2	1.8	40.4	93.87	0.65	<0.02	3	1.58	0.023	4.4	5.5	0.86	2506.7	<0.001	<20	0.12	0.002	0.07
1195471	VAN13003388		6110		0.54	11.12	16.13	2189.5	124	12.4	5.6	139	0.76	2.1	0.4	<0.2	3.7	29.5	38.22	0.45	0.03	5	2.12	0.039	8.1	4.4	1.22	1435	0.001	<20	0.21	0.003	0.12
1195472	VAN13003388		268404		0.08	9.42	10.06	7649.6	55	8.1	2.2	28	0.18	<0.1	0.5	<0.2	0.2	27.4	40.84	0.12	<0.02	<2	0.13	0.001	<0.5	1.1	<0.01	3147.7	<0.001	<20	0.05	0.002	<0.01
1195473	VAN13003388		8667		1.63	16.44	26.5	1206.6	284	19.9	6.7	123	1.27	3.3	1.1	<0.2	4.4	27.5	13.07	0.69	0.04	9	1.07	0.083	11.1	6.8	0.49	1305.6	0.002	<20	0.27	0.002	0.14

SAMPLE_NO	LB_W_ppm	LB_Sc_ppm	LB_Tl_ppm	LB_S_pct	LB_Hg_ppb	LB_Se_ppm	LB_Te_ppm	LB_Ga_ppm	LB_Cs_ppm	LB_Ge_ppm	LB_Hf_ppm	LB_Nb_ppm	LB_Rb_ppm	LB_Sn_ppm	LB_Ta_ppm	LB_Zr_ppm	LB_Y_ppm	LB_Ce_ppm	LB_In_ppm	LB_Re_ppb	LB_Be_ppm	LB_Li_ppm	LB_Pd_ppb	LB_Pt_ppb	Assay	LB_Pb_pct	LB_Zn_pct	Reference	UTM_E_St	UTM_N_St	UTM_E_En	UTM_N_En
1195451	<0.1	1.3	0.04	0.18	18136	4.6	<0.02	4.5	0.07	4.1	0.02	0.04	0.4	0.4	<0.05	0.4	7.98	10.9	0.02	<1	<0.1	1.4	<10	<2		0.04	5.12	2013 CZX Field Program	392009	6361654	392009	6361655
1195452	<0.1	0.1	<0.02	0.25	14584	1.7	<0.02	5.6	0.04	2.8	<0.02	0.02	0.3	<0.1	<0.05	0.2	0.25	1	0.02	<1	<0.1	0.3	<10	<2		ND	ND	2013 CZX Field Program	392009	6361655	392010	6361655
1195453	<0.1	<0.1	<0.02	0.23	10631	1.2	<0.02	2.8	0.03	3.1	<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.11	0.4	<0.02	<1	<0.1	0.2	<10	<2		ND	ND	2013 CZX Field Program	392010	6361657	392010	6361658
1195454	<0.1	0.4	0.26	0.41	7145	2.9	<0.02	1.3	0.03	3.2	<0.02	<0.02	0.3	<0.1	<0.05	0.2	0.55	2.2	<0.02	<1	<0.1	0.4	<10	<2		1.77	0.56	2013 CZX Field Program	392010	6361658	392010	6361659
1195455	0.1	1.7	0.3	0.08	7598	5.3	0.09	6.1	1	0.5	0.05	0.04	5.2	0.2	<0.05	1.8	6.86	21.4	0.03	37	0.3	2.8	<10	<2		ND	ND	2013 CZX Field Program	392012	6361651	392013	6361652
1195456	<0.1	0.1	0.5	0.65	2582	10.1	<0.02	0.6	<0.02	2.3	<0.02	<0.02	<0.1	<0.1	<0.05	0.3	0.65	0.7	<0.02	2	<0.1	0.2	<10	<2		3.72	0.51	2013 CZX Field Program	392013	6361652	392013	6361653
1195457	<0.1	0.2	<0.02	0.07	2835	1.2	<0.02	0.8	0.04	1.2	<0.02	<0.02	0.2	<0.1	<0.05	0.3	1.16	1.1	<0.02	<1	<0.1	0.3	<10	<2		0.03	1.04	2013 CZX Field Program	392013	6361653	392014	6361653
1195458	<0.1	0.1	<0.02	0.24	10940	1.2	<0.02	1.5	0.03	3.9	<0.02	<0.02	0.1	<0.1	<0.05	0.2	0.49	0.9	<0.02	<1	<0.1	0.2	<10	<2		<0.01	1.21	2013 CZX Field Program	392014	6361653	392014	6361654
1195459	<0.1	0.8	<0.02	0.1	17163	2	<0.02	3	0.07	4.1	<0.02	<0.02	0.6	<0.1	<0.05	0.8	0.62	2.1	<0.02	<1	<0.1	0.4	<10	<2		ND	ND	2013 CZX Field Program	392014	6361654	392015	6361655
1195460	<0.1	2.6	0.06	0.1	1703	1.1	<0.02	1.3	0.46	0.2	<0.02	<0.02	3	<0.1	<0.05	0.4	4.92	19.3	<0.02	<1	0.1	2.4	<10	<2		ND	ND	2013 CZX Field Program	392014	6361655	392015	6361656
1195461	0.2	2.5	0.29	0.03	1859	6.1	0.11	2.9	0.96	0.2	0.17	<0.02	4	<0.1	<0.05	4.5	3.83	24.3	<0.02	63	0.5	1.9	<10	2		ND	ND	2013 CZX Field Program	392015	6361649	392016	6361650
1195462	<0.1	0.1	<0.02	0.09	892	0.9	<0.02	0.3	0.02	0.9	<0.02	<0.02	0.1	<0.1	<0.05	0.3	0.37	0.8	<0.02	<1	<0.1	0.2	<10	<2		ND	ND	2013 CZX Field Program	392017	6361649	392018	6361650
1195463	<0.1	<0.1	0.03	0.13	9913	0.6	<0.02	2.9	0.03	4.6	<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.12	0.8	<0.02	<1	<0.1	0.1	<10	<2		ND	ND	2013 CZX Field Program	392018	6361651	392018	6361651
1195464	0.1	2.1	0.29	0.04	2635	10.8	0.09	2.5	0.88	0.2	0.11	<0.02	4.7	<0.1	<0.05	4.7	4.78	16.2	<0.02	28	0.4	2.4	<10	2		0.06	1.19	2013 CZX Field Program	392021	6361651	392021	6361652
1195465	<0.1	0.4	<0.02	0.71	14776	2.7	0.03	3.4	0.06	10	<0.02	<0.02	0.3	<0.1	<0.05	0.5	2.27	2.3	0.05	<1	<0.1	0.4	<10	<2		<0.01	2.65	2013 CZX Field Program	392021	6361652	392022	6361652
1195466	0.1	2.1	0.02	0.02	2812	1.2	<0.02	1.9	0.1	1.5	0.07	<0.02	1.2	<0.1	<0.05	1.6	3.17	14.9	<0.02	<1	0.3	0.9	<10	<2		ND	ND	2013 CZX Field Program	392022	6361653	392022	6361653
1195467	<0.1	0.2	<0.02	0.12	1138	0.4	<0.02	0.5	<0.02	1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	0.55	0.6	<0.02	<1	<0.1	0.1	<10	<2		ND	ND	2013 CZX Field Program	392022	6361653	392022	6361654
1195468	<0.1	<0.1	<0.02	0.21	10883	0.5	<0.02	1.1	<0.02	5.2	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	0.32	0.7	<0.02	<1	<0.1	0.1	<10	<2		ND	ND	2013 CZX Field Program	392022	6361654	392023	6361654
1195469	<0.1	0.3	<0.02	0.28	2656	0.9	<0.02	0.7	0.05	1.7	<0.02	<0.02	0.5	<0.1	<0.05	0.3	0.52	2.3	<0.02	<1	<0.1	0.3	<10	<2		ND	ND	2013 CZX Field Program	392028	6361661	392028	6361661
1195470	<0.1	1.5	<0.02	0.17	4040	1.4	<0.02	1	0.24	0.3	0.04	<0.02	2	<0.1	<0.05	1.7	2.95	7.6	<0.02	6	<0.1	1.1	<10	<2		ND	ND	2013 CZX Field Program	392028	6361661	392029	6361661
1195471	<0.1	2.4	0.02	0.16	353	0.7	<0.02	0.4	0.4	<0.1	0.03	<0.02	3.4	<0.1	<0.05	2.4	4.08	14.7	<0.02	2	0.1	1.8	<10	<2		ND	ND	2013 CZX Field Program	392029	6361661	392029	6361661
1195472	<0.1	0.3	<0.02	0.12	1236	0.4	<0.02	0.3	<0.02	0.6	<0.02	<0.02	<0.1	<0.1	<0.05	0.5	1.68	1	<0.02	<1	<0.1	0.2	<10	<2		ND	ND	2013 CZX Field Program	392076	6361623	392076	6361623
1195473	<0.1	2.3	0.09	0.1	320	1	<0.02	0.7	0.29	<0.1	0.15	<0.02	4	<0.1	<0.05	7.3	8.75	25.6	<0.02	4	0.1	2.1	<10	2		ND	ND	2013 CZX Field Program	392076	6361623	392077	6361624

APPENDIX 4
Soil Samples

Sample_No	Type	Property	Company	Lab	Digestion	Method	Descriptio	Horizon	Depth	Colour	ORGANICS_P	SILT_PRCNT	CLAY_PRCNT	SAND_PRCNT	ROCK_PRCNT	VEGETATION	DISTURBANC	WATER	COMMENTS
1195435	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	10	Tan/Grey	0	30	30	30	10			moist	on mossy slope
1195436	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	10	Grey	0	30	30	30	10			MOIST	
1195437	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	10	Brown/Tan/Grey	0	30	30	40	0			MOIST	
1195438	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	10	Brown/Grey	0	30	30	30	10			moist	
1195439	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	10	Brown	5	30	30	30	5			MOIST	
1195440	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/C	20	Brown	5	25	25	25	20			MOIST	
1195441	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	10	Brown	5	30	30	30	5			MOIST	
1195442	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	Brown	5	30	30	30	5			MOIST	
1195443	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	5	30	30	30	5			MOIST	
1195444	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown/Tan	5	30	25	30	10			MOIST	
1195445	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	40	Brown/Grey	15	25	25	25	10			MOIST	
1195446	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	35	Brown/Grey	0	30	30	30	10			MOIST	
1195447	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	15	Grey	0	30	40	30	20			MOIST	
1195448	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	15	Brown	5	25	25	25	20			MOIST	
1195449	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	25	Brown/Tan	10	10	10	20	50			DRY	
1196751	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Dark Brown	0	30	10	30	30			moist	
1196752	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Dark Brown	0	30	10	30	30			moist	talus slope, poor profile
1196810	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown/Grey	0	30	30	30	10			moist	
1196811	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	50	Brown/Grey	0	25	25	25	25			moist	
1196812	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown/Grey	0	25	25	25	25			moist	
1196813	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	10	Brown/Grey	0	25	25	25	25			moist	
1196814	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	15	Brown/Tan/Grey	0	25	25	25	25			moist	
1196815	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	Brown	5	30	30	30	5			moist	
1196816	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	20	Brown/Grey	0	25	25	25	25			moist	
1197044	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	40	Grey/Brown	0	30	30	30	10			dry	
1197045	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	Grey/Brown	0	30	30	30	10			moist	
1197046	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	Tan/Grey	0	25	25	25	25			moist	
1197047	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	25	Grey/Brown	0	25	25	25	25			moist	
1197048	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	35	Grey/Brown	0	30	30	30	10			moist	
1197049	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	10	15	15	15	35			moist	
1197050	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown	5	30	30	30	30			moist	
2378235	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	45	Brown	15	30	15	10	30	Mossy forest	None	Moist	
2378236	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	30	Grey-brown	5	50	15	10	20	Mossy forest	None	Moist	
2378419	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	25	25	25	25			MOIST	dark grey shale
2378501	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	30	30	30	10			MOIST	some black shale chips
2378502	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	30	30	30	10			MOIST	
2378503	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	30	30	30	10			MOIST	
2378504	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	30	Brown	10	25	25	20	20			MOIST	
2378505	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	35	Brown	5	25	25	25	20			MOIST	
2378506	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	Brown/Grey	0	30	30	30	10			MOIST	
2378507	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	Brown	0	30	30	30	10			MOIST	
2378536	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	15	Brown	0	25	25	25	25				black shale
2378537	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	25	Brown	0	25	25	25	25				black shale
2378538	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	20	Brown	0	25	30	25	20				black shale
2378539	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	20	Brown	0	30	30	30	10				
2378540	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	Brown/DARK	0	25	45	25	5				
2378541	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown/Grey	0	25	30	25	20				black shale
2378542	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	30	Brown	0	30	30	30	10				black shale
2378543	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	15	Tan	0	30	30	30	10				black shale
2378544	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Tan	0	25	35	25	15				black shale
2378545	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	35	Brown	0	25	35	25	15				black shale
2378546	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	Brown/Grey	0	25	35	25	15				black shale
2378547	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	Brown/Grey	0	25	35	25	15				black shale
2378548	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown/Grey	0	25	35	25	15				black shale
2378549	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	20	Brown	0	25	45	25	5				black shale
2378550	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B	20	Brown	0	30	30	30	10				black shale
2378551	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	30	30	30	10			MOIST	
2378552	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	0	30	30	30	10			MOIST	
2378553	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown/Grey	0	25	25	25	25			MOIST	black shale
2378600	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown	0	30	35	30	5			MOIST	
2378601	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	Brown/Grey	0	30	30	30	10			MOIST	
2378602	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	45	Brown/Grey	0	30	30	30	10			MOIST	
2378603	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown/Grey	0	30	30	30	10			MOIST	
2378692	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	Brown	5	25	25	25	20			moist	
2378701	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown		25	25	25	25			dry	
2378702	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	brown		40	20	20	20			dry	
2378703	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	black		25	25	25	25			moist	
2378704	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	brown		30	20	25	25			moist	
2378705	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	45	black		30	30	20	20			dry	
2378706	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	brown		25	25	25	25			dry	
2378777	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	25	25	25		25			moist	
2378778	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	45	25	25		5			moist	
2378779	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15	25	25		35			moist	
2378780	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	35	25	25		15			moist	black shale
2378781	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	24	25	25		25			moist	
2378782	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	dark brown	25	25	25		25			moist	black shale
2378783	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	10	25	25		40			moist	black shale
2378784	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	brown	15	25	25		35			dry	black shale
2378785	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	15	25	25		35			moist	black shale
2378786	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	10	25	25		40			moist	black shale
2378787	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	25	25	25		25			moist	
2378788	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	20	25	25		30			moist	black shale
2378789	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	25	15	15		45			moist	
2378810	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	30	20	25		25			moist	
2378811	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	20	25	25		30			moist	black shale
2378812	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	25	25	25		25			moist	
2378813	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey	30	20	20		30			moist	
2378814	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey	30	20	20		30			moist	black shale
2378815	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	20	25	25		30			moist	black shale
2378816	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	10	25	25		40			moist	
2378817	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	brown	30	25	25		20			moist	
2378818	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	25	25	25		25			moist	
2378819	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	brown	15	25	25		35			moist	black shale
2378820	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15	30	25		30			moist	black shale
2378821	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	brown	15	20	20		45			dry	black shale
2378822	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	brown	5	25	25		45			dry	grey shale
2378823	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	10	25	20		45			moist	black shale
2378824	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	25	20	15		40			moist	black shale
2378825	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15	30	30		25			dry	black shale
2378826	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	5	30	30		35			moist	black shale
2378827	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	grey	10	25	20		45			moist	black shale

Sample_No	CERTIFICAT	Geochem	LB_Mo_ppm	LB_Cu_ppm	LB_Pb_ppm	LB_Zn_ppm	LB_Ag_ppb	LB_Ni_ppm	LB_Co_ppm	LB_Mn_ppm	LB_Fe_pct	LB_As_ppm	LB_U_ppm	LB_Au_ppm	LB_Th_ppm	LB_Sr_ppm	LB_Cd_ppm	LB_Sb_ppm	LB_Bi_ppm	LB_V_ppm	LB_Ca_pct	LB_P_pct	LB_La_ppm	LB_Cr_ppm	LB_Mg_pct	LB_Ba_ppm	LB_Ti_pct	LB_B_ppm	LB_Al_pct	LB_Na_pct	LB_K_pct
1195435	VAN13003537		5.05	11.74	20.82	122.6	128	21.6	4	84	1.36	4.9	0.6	1.4	0.4	3	0.3	0.57	0.17	38	0.01	0.084	10.8	9.6	0.07	139.7	0.002	<20	0.57	<0.001	0.06
1195436	VAN13003537		3.15	6.01	13.04	66.9	444	9.3	1.5	78	0.6	2.7	0.4	1.1	<0.1	8.8	0.54	0.39	0.11	20	0.07	0.092	8.2	6	0.04	115.1	<0.001	<20	0.36	<0.001	0.06
1195437	VAN13003537		3.67	6.77	22.14	57.5	448	9.4	1.5	48	1.67	6.2	0.7	0.9	<0.1	10.2	0.32	0.47	0.18	40	0.02	0.079	10.6	13.5	0.14	106.4	0.003	<20	1	<0.001	0.04
1195438	VAN13003537		6.68	21.3	23.78	177.6	795	27.2	5.1	91	1.79	7.3	0.7	1.1	<0.1	12.2	0.76	1.34	0.19	33	0.14	0.115	7.7	9	0.05	124.3	0.001	<20	0.33	<0.001	0.06
1195439	VAN13003537		11.31	28.13	21.35	134.2	686	44.8	12.1	358	2.22	7.4	1.1	1.9	1	12.9	1.28	2.1	0.21	15	0.8	0.128	12.1	6.3	0.12	122.9	0.002	<20	0.25	<0.001	0.06
1195440	VAN13003537		8.58	22.79	52.35	717.9	4278	39.5	9.8	287	2.14	9.6	1.4	1.8	1.1	21.5	8.63	3.07	0.15	18	0.87	0.129	11.3	8.4	0.12	238.5	0.001	<20	0.39	0.002	0.07
1195441	VAN13003537		8.47	64.39	174.4	3019.7	10976	31.7	11.8	323	1.86	7	3.4	3	0.8	24.2	67	1.96	0.17	28	0.65	0.12	6.7	9.7	0.07	650.9	0.002	<20	0.5	0.001	0.05
1195442	VAN13003537		14.87	48.27	34.68	452	3802	79	11.7	148	2.62	13.1	2.2	1.4	1.4	24.2	1.88	3.8	0.16	41	0.32	0.236	13.6	14.5	0.19	230.5	0.004	<20	0.65	<0.001	0.09
1195443	VAN13003537		8.76	47.47	19.99	493.2	5848	77.8	14.6	290	2.67	11.7	2.2	1.9	1.6	38.6	3.09	2.35	0.15	50	0.46	0.23	12	20.3	0.24	369.9	0.003	<20	0.82	<0.001	0.12
1195444	VAN13003537		20.58	40.33	23.83	314.5	9259	55.4	45.7	774	3	22.5	1.8	2	1.8	123.4	2.96	4.33	0.22	53	0.07	0.155	7.8	15.2	0.08	321.4	0.002	<20	0.59	0.002	0.12
1195445	VAN13003537		10.35	39.68	17.29	658.5	1485	84.9	10	259	1.63	9.2	2	2.3	1.3	51.5	13.3	3.94	0.17	40	1.34	0.097	5.1	10.5	0.11	538.9	0.001	<20	0.43	0.003	0.07
1195446	VAN13003537		8.89	35.89	22.71	671.3	2267	80	11.2	139	2.23	9.8	1.5	4.5	2.3	50	5.52	1.77	0.18	40	0.59	0.137	10.4	14	0.17	680.1	0.002	<20	0.63	<0.001	0.11
1195447	VAN13003537		10.75	46.73	21.79	947	2968	72.4	10.1	213	2.31	11	1.4	1.3	3.8	43.8	7.6	2.71	0.16	47	2.04	0.149	14.7	17	0.87	755	0.003	<20	0.62	<0.001	0.15
1195448	VAN13003537		13.98	39.9	22.09	271.4	1842	45.7	7	37	3.16	23.3	1.2	0.6	1.4	39.3	1.35	2.48	0.22	72	0.02	0.136	5.2	13.2	0.13	116.5	0.002	<20	0.86	<0.001	0.06
1195449	VAN13003537		17.25	45	19.83	303.5	643	55.4	6.4	63	2.9	17.1	1.7	1.4	0.9	32.5	2.82	2.54	0.26	68	0.04	0.155	6.9	14	0.07	310.9	0.002	<20	0.86	<0.001	0.05
1196751	VAN13003045		10.49	20.82	49.66	5242	403	64.2	11.7	571	2.53	11.6	1.6	0.6	0.5	84.7	30.11	2.14	0.13	38	12.32	0.134	11.3	16.4	0.52	492.3	0.006	<20	0.74	0.006	0.09
1196752	VAN13003045		5.9	15.65	35.37	1567.5	294	34.8	5.9	704	1.34	4.9	1.5	0.4	0.2	38.1	19.41	1.52	0.09	24	5.25	0.215	6.8	11	0.16	563.7	0.002	<20	0.52	0.006	0.07
1196810	VAN13003387		9.78	32.85	22.75	192.3	1957	32.7	7	62	3.65	21.2	0.9	1.1	0.6	35.8	0.57	1.95	0.39	69	0.02	0.138	2.7	10.3	0.03	76.2	0.003	<20	0.72	0.002	0.06
1196811	VAN13003387		25.73	16.36	25.83	112	2355	26.5	3.2	18	1.68	17.5	1.3	1.3	1.1	44.6	2.24	3.1	0.3	86	0.01	0.07	16.4	10.4	0.02	334.5	0.002	<20	0.59	0.003	0.09
1196812	VAN13003387		26.17	34.34	18.5	217.5	5259	72.1	9.4	240	4.11	30.8	1.3	1.2	1.9	19	1.41	4.57	0.23	214	0.04	0.149	9	14.5	0.19	92.5	0.002	<20	0.75	0.003	0.05
1196813	VAN13003387		8.79	12.53	10.39	68	899	10.9	1.9	19	0.89	6.9	0.6	0.4	0.7	12.9	0.18	0.63	0.13	45	0.02	0.064	6	5.9	0.03	51.1	0.001	<20	0.58	<0.001	0.04
1196814	VAN13003387		8.3	22.28	6.37	187.1	751	42.6	9.5	50	1.7	10.3	0.3	<0.2	0.6	3.2	0.25	1.01	0.13	87	0.03	0.046	3.9	5.8	0.02	48.3	0.001	<20	0.42	<0.001	0.04
1196815	VAN13003387		9.06	26.62	17.8	58.6	1359	14.6	1.8	24	1.17	4.4	3.5	0.3	<0.1	14.4	0.82	0.95	0.16	37	0.13	0.121	5.4	8.6	0.03	162.8	0.001	<20	0.77	0.001	0.06
1196816	VAN13003387		8.97	7.44	5.1	40.8	238	7.7	0.9	7	0.43	3.3	0.6	2.4	0.6	3.4	0.15	0.53	0.12	68	0.02	0.033	6.8	5.7	0.02	27.9	0.001	<20	0.52	<0.001	0.02
1197044	VAN13003387		30.94	17.06	23.28	109.5	10582	19.3	2.3	14	3.98	28.7	0.7	2.1	2.9	53.5	0.73	10	0.24	64	<0.01	0.164	7.3	11	0.07	415.2	0.001	<20	0.55	0.008	0.09
1197045	VAN13003387		9.04	8.6	20.18	71	718	13.2	1.9	13	0.77	8.9	0.4	0.3	1.3	13.7	0.15	1.23	0.14	35	0.01	0.038	17.4	3.5	0.03	65.2	0.002	<20	0.32	<0.001	0.05
1197046	VAN13003387		31.51	27.31	32.76	150.5	3151	27.5	3.4	36	2.81	39.5	1.1	1.6	3.9	35.9	0.41	4.43	0.3	198	<0.01	0.143	13.4	12.8	0.06	178.9	0.002	<20	0.86	0.003	0.06
1197047	VAN13003387		8.84	11.35	14.54	104.2	1316	18.7	2.5	35	1.79	9.5	0.7	0.4	1.2	14.1	0.41	1.13	0.17	54	0.02	0.136	9.8	9.5	0.06	110.1	0.003	<20	0.6	<0.001	0.04
1197048	VAN13003387		12.14	30.11	14.71	510.2	2847	101.6	16.9	677	2.64	14.3	1.7	1.6	2.1	45.5	6.48	3.66	0.17	39	1.05	0.137	11.8	10.7	0.25	194.2	0.002	<20	0.56	0.001	0.07
1197049	VAN13003387		3.8	8.19	24.83	116.7	451	29.7	5.5	928	1.65	3	0.9	<0.2	0.8	46.9	3.2	0.35	0.12	83	5.87	0.042	9.1	16.6	0.36	461.4	0.003	<20	1.05	0.002	0.05
1197050	VAN13003387		8.53	22.86	108.19	712.1	976	94.9	7.9	208	2.01	13.8	1.8	0.5	2	78.7	4.92	3.02	0.15	41	5.02	0.096	11	12.3	0.4	833.9	0.004	<20	0.77	0.002	0.08
2378235	VAN13003264		9.66	37.68	27.50	282.2	1411	67.4	10.4	432	2.26	12.0	2.9	3.1	2.2	38.4	4.64	2.93	0.20	42	1.08	0.103	10.6	14.4	0.27	286.4	0.002	<20	0.71	0.002	0.08
2378236	VAN13003264		9.30	18.96	18.94	240.1	602	43.9	9.3	217	3.06	12.5	1.1	1.7	3.0	25.2	1.28	1.27	0.16	48	0.48	0.148	10.1	17.8	0.34	202.7	0.002	<20	0.94	0.001	0.07
2378419	VAN13003264		29.65	10.91	27.40	88.6	4390	12.8	1.6	33	3.38	64.8	1.6	1.7	0.7	33.6	0.61	9.03	0.28	100	0.18	0.384	2.2	11.9	0.03	201.3	0.002	<20	0.34	0.001	0.07
2378501	VAN13003264		10.35	28.17	29.71	228.1	1023	48.4	6.6	81	2.48	14.4	2.1	1.1	1.8	25.8	3.75	1.81	0.21	66	0.93	0.062	8.5	12.0	0.12	567.4	0.001	<20	0.88	<0.001	0.05
2378502	VAN13003264		12.85	23.82	28.65	198.3	548	44.9	6.3	81	2.20	14.2	1.7	1.8	4.9	24.6	0.88	2.81	0.19	42	0.20	0.090	22.5	12.8	0.34	223.8	0.002	<20	0.72	0.001	0.07
2378503	VAN13003264		11.41	25.81	67.74	219.3	802	74.1	14.0	405	3.66	10.2	1.4	0.4	4.3	18.0	2.72	1.03	0.13	67	0.81	0.031	15.3	26.7	0.44	805.1	0.001	<20	1.27	<0.001	0.05
2378504	VAN13003264		8.94	12.13	37.39	158.0	451	58.4	8.4	567	1.96	7.2	0.8	<0.2	0.8	44.9	2.19	0.86	0.14	74	5.35	0.067	9.9	17.0	0.58	1764.5	0.003	<20	1.22	<0.001	0.08
2378505	VAN13003264		4.82	16.75	14.50	184.1	488	42.5	9.1	331	1.89	5.2	0.9	0.4	4.9	131.9	1.70	1.26	0.11	23	5.53	0.118	15.7	12.4	0.92	370.2	0.002	<20	0.82	0.002	0.06
2378506	VAN13003264		17.83	58.81	23.46	853.7	2231	180.8	16.4	317	2.67	15.9	3.5	1.6	3.7	66.2	11.81	5.13	0.17	45	1.24	0.145	13.3	15.5	0.42	216.1	0.002	<20	0.59	0.001	0.10
2378507	VAN13003264		27.51	40.61	10.96	396.7	1376	158.8	3.9	46	1.47	13.0	11.9	2.4	0.9	82.5	6.26	3.41	0.15	52	0.91	0.074	5.4	7.5	0.17	223.3	0.001	<20	0.50	<0.001	0.04
2378536	VAN13003264		34.81	17.76	25.91	240.0	771	25.1	3.2	60	2.92	37.2	1.1	1.7	1.0	33.3	3.69	9.22	0.25	89	0.02	0.120	16.9	8.7	0.04	363.7	0.011	<20	0.35	0.003	0.08
2378537	VAN13003264		3.97	6.62	6.97	38.7	470	5.0	0.7	9	0.49	2.2	0.4	1.6	0.8	6.2	1.13	1.13	0.08	33	0.02	0.024	18.6	5.5	0.02	952.8	0.003	<20	0.48	0.001	0.04
2378538	VAN13003264		28.05	18.57	21.02	126.7	4162	27.9	4.3	53	2.24	19.2	1.6	3.0	3.2	82.5	1.16	11.49	0.24	52	0.37	0.089	12.0	6.9	0.10	1977.7	<0.001	<20	0.49	0.004	0.15
2378539	VAN13003264		9.73	16.37	19.15	168.9	649	32.9	4.5	112	2.34	11.7	1.0	2.4	2.2	14.1	0.92	2.13	0.17	47	0.12	0.164	15.1	12.3	0.30	284.8	0.002	<20	0.76	<0.001	0.09
2378540	VAN13003264		9.73	23.40	12.74	696.6	1425	118.9	22.9	485	2.61	11.9	1.5	3.1	1.6	25.2	8.00	2.14	0.14	40	0.55	0.096	12.1	9.3	0.13	195.8	0.002	<20	0.47	<0.001	0.06
2378541	VAN13003264		12.01	15.27	24.04	108.4	1981	15.9	2.4	22	1.19	10.4	0.4	1.6	1.2	15.7	0.35	1.69	0.18	59	0.02	0.041	10.5	5.5	0.03	98.5	0.002	<20	0.32	<0.001	0.04
2378542	VAN13003264		11.99	17.33	21.20	130.4	3152	25.6	3.2	68	3.00	15.0	0.7	2.1	2.3	35.2	1.21	1.70	0.26	76	0.02	0.160	6.8	11.1	0.04	340.3	0.002	<20	0.58	0.003	0.06
2378543	VAN13003264		7.33	11.30	23.17	97.6	771	13.8	2.6	29	1.50	10.4	0.4	1.3	1.7	17.8	0.49	1.21	0.25	47	0.02	0.080	10.5	5.3	0.04	98.7	0.002	<20	0.45	<0.001	0.05
2378544	VAN13003264		8.02	12.59	24.06	97.3	2572	12.9	2.3	23	1.41	11.0	0.4	1.8	2.5	24.4	0.66	1.52	0.27	44	0.01	0.058	9.7	5.1	0.04	163.9	0.003	<20	0.38	0.002	0.06
2378545	VAN13003264		6.24	10.38	7.35	79.3	4511	11.7	2.1	21	1.07	5.4	0.4	1.4	0.7	7.7	0.49	0.73	0.11	45	0.01	0.058	6.8	5.4	0.02	78.3	<0.001	<20	0.43	<0.001	0.04
2378546	VAN13003264		2.94	4.28	4.94	41.5	1129	4.7	0.9	9	0.47	2.1	0.1	0.8	0.7	5.5	0.71	0.35	0.05	24	0.01	0.016	7.6	3.2	0.01	97.7	<0.001	<20	0.26	<0.001	0.03
2378547	VAN13003264		6.50	9.35	13.39	105.7	2292	14.6	2.3	16	1.14	6.6	0.3	1.2	1.0	20.3	0.41	0.90	0.16	29	0.02	0.061	6.5	4.2	0.02	118.0	0.001	<20	0.34	<0.001	0.05
2378548	VAN13003264		6.74	8.39	11.69	60.4	564	8.6	1.4	12	0.74	4.9	0.3	1.7	1.2	13.4	0.53	0.81	0.13	36	0.02	0.028	10.1	4.9	0.02	111.0	0.002	<20	0.40	<0.001	0.04
2378549	VAN13003264		11.39	19.85	19.86	186.7	1662	35.2	4.8	58	3.29	19.5	1.3	2.7	3.0	26.8	1.21	2.58	0.23	51	0.09	0.198	8.5	12.5	0.22	139.7	0.002	<20	0.74	<0.001	0.08
2378550	VAN13003264		9.53	16.65	17.34	155.6	1466	26.1	3.8	54	2.55	13.6	0.8	1.4	3.0	21.4	1.97	2.05	0.21	49	0.07	0.137	9.7	9.0	0.15	174.5	0.004	<20	0.54	<0.001	0.07
2378551	VAN13003264		12.93	22.43	16.75	150.1	2123	38.8	4.3	43	2.68	17.5	1.2	2.7	1.8	21.6	0.66	2.61	0.23	71	0.11	0.190	9.5	12.8	0.08	199.2	0.002	<20	0.52	<0.001	0.07
2378552	VAN13003264		17.87	40.01	17.72	260.1	1829	70.6	9.4	283	2.25	15.3	1.7	2.8	2.0	28.3	2.64	3.69	0.21	62	0.70	0.129	16.3	12.1	0.17	162.3	0.002	<20	0.50	0.001	0.10
2378553	VAN13003264		29.79	13.38	16.50	58.7	2323	12.6	1.8	14	1.13	14.0	0.9	2.0	0.5	23.4	0.86	2.12	0.21	58	0.13	0.080	4.4	7.0	0.02	141.1	<0.001	<20	0.36	0.001	0.06
2378600	VAN13003264		10.96	40.30	18.81	166.8	1421	77.8	9.1	189	2.19	12.3	1.7	2.2	3.6	34.5	1.14	2.65	0.20	61	0.86	0.101	22.5	16.2	0.53	174.6	0.003	<20	0.89	<0.001	0.17
2378601	VAN13003264		8.80	33.06	18.88	152.1	818	59.8	10.1	252	2.06	9.1	1.2	1.2	3.7	67.9	1.46	2.32	0.17	47	2.59	0.099	16.7	13.7	0.73	186.9	0.003	<20	0.81	<0.001	0.16
2378602	VAN13003264		14.42	43.89	20.97	198.6	1273	82.0	9.7	199	2.17	14.1	1.8	1.8	5.0	56.0	1.66	3.84	0.22	59	2.21	0.137	16.4	13.0	0.61	173.1	0.005	<20	0.65	0.002	0.16
2378603	VAN13003264		14.16	16.52	21.47	82.6	1036	15.7	2.0	13	1.10	8.6	0.9	3.9	1.1	20.6	0.47	1.76	0.20	38	0.04	0.045	9.1	5.3	0.02	116.3	0.001	<20	0.23	0.002	0.07
2378692	VAN13003387		17.56	27.03	22.06	99.6	2381	22	2.6	23	1.73	14.6	1.7	1.7	0.4	31.7	0.6	2.01	0.28	73	0.01	0.086	6.7	9.1	0.04	128.8	0.001	<20	0.57	0.002	0.06
2378701	VAN13003387		7.96	68.15	18.81	292.1	843	104.4	36.2	603	3.84	10.9	1	0.9	2.7	31.5	1.36	1.87	0.14	56	1.13	0.154	22.3	26.9	0.49	295.9	0.003	<20	0.78	0.002	0.13
2378702	VAN13003387		7.32	51.53	19.41	321.8	823	86.1	23	652	3.55	8.6	1.2	1.9	2.2	35.8	2.49	1.67	0.14	60	1.44	0.154	22.3	25.5	0.71	278.4	0.003	<20	0.81	0.003	0.14
2378703	VAN13003387		7.17	33.27	17.37	581.2	1165	93.8	7.7	190	1.68	8	1.5	1.3	1.2	66.3	9.18	2.4	0.18	51	9.64	0.138	11.7	14.4	0.43	312.8	0.004	<20	0.46	0.004	0.11
2378704	VAN13003387		6.97	17.79	21.52	300.5	642	36.3	5.8	123	2.02	8.5	1.1	2	0.8	24.6	1.81	1.54	0.17	41	0.56	0.092	10.8	12.7	0.17	159.5	0.003	<20	0.63	0.002	0.08
2378705	VAN13003387		7.53	19.23	24.67	410.6	890	57.2	8.1	418	1.78	6.8	2.1	0.3	1.1	36.7	4.41	1.49	0.17	53	1.48	0.103	13.2	12.1	0.21	234.8	0.002	<20	0.63	0.002	0.11
2378706	VAN13003387		9.83	20.92	31.66	314	1010	43.5	10.3	250	2.47	11	0.8	0.6	1.3	22.3	2.08	2	0.2	47	0.17	0.086	13	11.5	0.13	238.9	0.002	<20	0.61	0.003	0.08
2378777	VAN13003387		16.1	28.86	36.88	511.1	690	66.7	7.7	205	2.02	13.1	2.2	0.2	0.5	11.8	2.14	3.76	0.23	133	0.43	0.134	12	15.9	0.42	140.4	0.004	<20	0.6	0.002	0.2
2378778	VAN13003387		4.4	12.81	14.69	98.7	429	27.6	4.1	252	1.28	4	1.1	0.5	0.6	32	1.63	1.05	0.1	33	2.65	0.125	14.5	8.9	0.25	122.5	0.002	<20	0.4	0.003	0.15
2378779	VAN13003387		4.25	14.12	21.36	353.9	1226	28.9	5.9	253	1.83	5	1.2	0.6	0.8	26.6	3.95	0.92	0.18	61	0.82	0.142	36.4	14.4	0.29	159.9	0.007	<20	0.78	0.003	0.13
2378780	VAN13003387		3.65	15.51	13.93	133.5	380	31	4.6	302	1.32	3.3	1.1	0.9	<0.1	6.4	1.34	1	0.18	65	0.13	0.169	12.5	14.5	0.28	180.4	0.001	<20	0.66	0.002	0.23
2378781	VAN13003387		7.97	14.85	32.49	307.5	636	25.9	4.9	157	1.61	8.8	0.7	0.5	0.7	36	1.61	2.29	0.16	34	0.62	0.097	8.7	7.4	0.12	287.6	0.004	<20	0.44	0.003	0.08
2378782	VAN13003387		6.14	23.42	40.1	376.4	757	28.8	6.5	250	2.26	6.4	0.7	1	<0.1	18.1	2.91	1.72	0.22	30	0.24	0.126	8.8	8.6	0.06	242.6	0.001	<20	0.38	0.003	0.07
2378783	VAN13003387		5.67	16.76	31.88	184.2	317	23.3	4.3	141	1.32	4.4	0.6	<0.2	0.4	14.7	1.65	1.26	0.16	38	0.24	0.058	9.1	7	0.05	222.1	0.003	<20	0.42	0.003	0.08
2378784	VAN13003387		9.63	9.15	36.3	394.1	458	15.7	2.2	37	1.36	5.3	0.6	1	0.7	18	1.29	1.13	0.19	92	0.17	0.041	9.4	11	0.06	299.9	0.003	<20	0.91	0.002	0.04
2378785	VAN13003387		5.61	6.16	8.25	47.1	707	5.7	0.8	8	0.51	3.3	0.3	<0.2	<0.1	8.7	0.09	0.77	0.11	49	0.02	0.044	7.6	6.6	0.02	78.5	0.002	<20	0.48	0.002	0.03
2378786	VAN13003387		13.94	15.04	17.24	61.3	9702	12.2	1.3	14	1.18	8.7	0.7	0.9	0.3	36.2	0.38	1.25	0.2	66	0.01	0.084	7.4	15.3	0.04	153.4	0.002	<20	0.77	0.002	0.05
2378787	VAN13003387		14.71	32.42	17.83	139	5349	29.5	3.3	35	5.19	32.5	1.5	2	2.6	90.2	0.64	2.75	0.22	98	0.21	0.413	5.2	25.5	0.11	344.3	0.004	<20	0.86	0.006	0.08
2378788	VAN13003387		6.43	7.78	16.27	15.2	8789	4.3	0.6	6	1.01	6.3	0.8	0.6	<0.1	43.1	0.13	0.35	0.2	31	<0.01	0.1	3.3	9	0.02	290.2	<0.001	<20	0.45	0.004	0.07
2378789	VAN13003387		11.36	12.21	20.63	17	4979	6.3	0.6	11	0.8	4.8	0.9	1.5	0.7	62.6	0.27	0.63	0.28	37	0.1	0.089	4.1	10.3	0.02	219.1	0.001	<20	0.53	0.004	0.06
2378810	VAN13003387		6.97	9.09	72.81	1520.4	428	46.5	10.9	1129	3.12	3.9	1.2	<0.2	0.7	17.7	15.82	0.68	0.19	62	1.3	0.071	9	14.6	0.13	488.9	0.006	<20	1.12	0.002	0.03
2378811	VAN13003387		8.5	13.94	18.22	283.9	939	24.2	3.1	41	2.02	10.5	1	0.8	1.9	32.6	1.8	1.39	0.2	58	0.15	0.039	9.1	11.7	0.15	416.3	0.003	<20	0.86	0.002	0.06
2378812	VAN13003387		2.29	17.7	39.2	691.9	240	25.8	9.4	1105	2.6	5	1.1	<0.2	0.4	18.2	8.2	0.48	0.28	61	1.72	0.098	11.5	14.2	0.14	347.4	0.007	<20	1.25	0.004	0.04
2378813	VAN13003387		3.03	8.05	15.2	235.3	109	12.9	3	53	1.09	2.6	0.6	0.5	0.5	9.1	2.6	0.5	0.12	27	0.22	0.045	11	6.5	0.06	203.2	0.003	<20	0.57	0.001	0.04
2378814	VAN13003387		3.84	36.19	13.51	381.4	283	67.4	6.1	122	1.79	5.5	1.6	1.4	0.8	18.7	1.52	1.14	0.25	45	0.45	0.235	17.7	20.1	0.41	412.3	0.003	<20	0.94	0.002	0.23
2378815	VAN13003387		6.56	18.15	32.87	1173.6	1253	34.2	7.4	319	1.93	6.2	1.2	1.2	0.7	49	9.44	1.9	0.18	28	1.59	0.12	14.2	9.6	0.13	324.8	0.003	<20	0.48	0.003	0.07
2378816	VAN13003387		7.39	24.39	31.18	873.8	2084	40.8	6.8	203	1.94	8.9	1.8	1	1.1	40	9.59	2.34	0.18	41	1.07	0.139	16.8	10.2	0.14	376.7	0.002	<20	0.54	0.002	0.1
2378817	VAN13003387		8.13	19.32	33.31	552.3	1083	41	7.9	346	2.02	8.9	1.6	1.7	0.9	29.5	6.08	2.09	0.18	39	0.59	0.165	14.3	9.8	0.15	306.8	0.003	<20	0.51	0.002	0.11
2378818	VAN13003387		13.56	24.98	33.23	535.6	1340	70.3	7.7	165	2.19	13.4	2.5	1	1.8	24.4	3.02	3.56	0.18	98	0.53	0.143	15.3	14.5	0.31	470.5	0.004	<20	0.55	0.003	0.18
2378819	VAN13003387		6.49	17.11	23.68	254.8	813	43.5	6.7	293	2.08	5.6	1.2	0.9	0.7	20.5	1.34	1.14	0.15	34	0.77	0.159	24.9	11	0.19	116	0.004	<20	0.61	0.003	0.11
2378820	VAN13003387		17.44	36.75	17.32	218.5	1266	93.4	16.7	332	2.2	11.9	2.4	0.8	2.6	23.9	1.54	3.45	0.19	61	1.04	0.173	23.1	12.3	0.27	124.2	0.006	<20	0.45	0.002	0.17
2378821	VAN13003387		5.87	23.7	15.99	172.5	169	45.6	5.1	75	1.85	5.1	0.7	0.7	<0.1	6	0.38	0.99	0.2	49	0.08	0.099	9.1	12.4	0.16	158.3	0.003	<20	0.58	0.002	0.1
2378822	VAN13003387		7.01	30.71	21.42	221	820	47.4	7	80	2.05	6.8	0.8	0.2	<0.1	8.6	0.5	1.75	0.18	33	0.07	0.111	9.6	8.2	0.06	126.1	0.001	<20	0.48	0.001	0.08
2378823	VAN13003387		6.73	29.64	23.54	312.3	576	41.3	7.4	86	2.18	6	0.5	0.5	<0.1	7.5	0.39	1.49	0.18	27	0.08	0.06	10.3	6.7	0.06	158.4	0.002	<20	0.4	0.001	0.07
2378824	VAN13003387		6.43	23.48	19.8	260.4	734	36.6	6.9	111	2.02	6.3	0.7	0.5	<0.1	9.6	0.54	1.58	0.16	24	0.09	0.089	9.4	9	0.07	127.1	0.001	<20	0.35	0.003	0.08
2378825	VAN13003387		5.71	16.3	17.92	186.5	493	29.6	6.5	158	1.94	5.4	0.6	<0.2	<0.1	7.7	0.92	1.26	0.18	22	0.11	0.087	11.4	7.9	0.06	171	0.002	<20	0.45	0.003	0.08
2378826	VAN13003387		6.04	10.7	28.03	204.9	1139	20.4	5.1	311	1.68	4.8	0.5	<0.2	0.2	15.6	1.88	1.09	0.18	30	0.26	0.076	12.4	8.9	0.08	225.7	0.004	<20	0.5	0.002	0.08
2378827	VAN13003387		9.43	6.66	9.87	21.9	1393	4	0.8	9	0.43	2.3	0.6	<0.2	0.3	19.2	0.12	1.1	0.12	89	0.02	0.053	21.2	9.9	0.02	112.6	0.002	<20	0.6	0.002	0.04

Sample_No	LB_W_ppm	LB_Sc_ppm	LB_Tl_ppm	LB_S_pct	LB_Hg_ppb	LB_Se_ppm	LB_Te_ppm	LB_Ga_ppm	LB_Cs_ppm	LB_Ge_ppm	LB_Hf_ppm	LB_Nb_ppm	LB_Rb_ppm	LB_Sn_ppm	LB_Ta_ppm	LB_Zr_ppm	LB_Y_ppm	LB_Ce_ppm	LB_In_ppm	LB_Re_ppb	LB_Be_ppm	LB_Li_ppm	LB_Pd_ppb	LB_Pt_ppb	Reference	UTM_E	UTM_N
1195435	<0.1	0.6	0.19	<0.02	28	0.5	0.06	2.4	0.5	<0.1	<0.02	0.09	7.4	0.3	<0.05	0.2	1.79	19.1	<0.02	<1	0.2	4.8	<10	<2	2013 CMG/CZX program	392249	6361789
1195436	<0.1	0.2	0.17	0.03	24	0.4	<0.02	1.8	0.48	<0.1	<0.02	<0.02	8.6	0.4	<0.05	<0.1	1.22	13.4	<0.02	<1	0.2	2.8	<10	<2	2013 CMG/CZX program	392211	6361753
1195437	<0.1	0.3	0.19	0.03	29	0.8	0.06	4.4	0.61	<0.1	<0.02	0.39	6.5	0.6	<0.05	0.2	1.98	20	<0.02	<1	0.4	8.2	<10	<2	2013 CMG/CZX program	392180	6361728
1195438	<0.1	0.2	0.15	0.04	20	1.2	0.07	1.6	0.39	<0.1	<0.02	0.05	7.7	0.4	<0.05	<0.1	2.56	13.3	<0.02	2	0.3	1.9	<10	<2	2013 CMG/CZX program	392138	6361694
1195439	<0.1	2.5	0.17	0.06	139	1.1	0.03	0.6	0.33	<0.1	0.07	0.22	5	0.1	<0.05	2	15.82	23.1	0.02	<1	1	1.8	<10	<2	2013 CMG/CZX program	392102	6361664
1195440	<0.1	2.8	0.22	0.08	374	1.9	0.09	0.6	0.7	<0.1	0.04	0.16	4.1	0.3	<0.05	1.3	22.51	25	0.03	<1	1.1	3.3	<10	2	2013 CMG/CZX program	392060	6361631
1195441	<0.1	1.7	0.29	0.11	3648	3.3	0.07	1.9	1.15	0.2	0.05	0.23	6.3	0.2	<0.05	1.7	13.18	10.8	0.02	<1	0.7	3.4	<10	3	2013 CMG/CZX program	392024	6361597
1195442	<0.1	1.6	0.24	0.05	159	4.8	0.07	1.3	0.98	<0.1	<0.02	0.25	6.7	0.3	<0.05	0.6	11.94	24.8	0.04	3	0.8	8.5	<10	2	2013 CMG/CZX program	391983	6361564
1195443	<0.1	3.1	0.24	0.08	397	4.1	0.12	1.6	0.94	<0.1	0.05	0.18	7.6	<0.1	<0.05	1.7	20	22.5	0.04	3	1.1	13.6	<10	4	2013 CMG/CZX program	391946	6361528
1195444	<0.1	1.8	0.51	0.18	158	7.4	0.12	1.4	1.12	<0.1	<0.02	0.1	9.7	0.3	<0.05	0.4	12.24	14.3	0.04	<1	0.4	10.9	<10	<2	2013 CMG/CZX program	391906	6361508
1195445	<0.1	2	0.27	0.11	231	3.3	0.07	1	0.75	<0.1	0.09	0.1	6.3	0.2	<0.05	3.4	7.46	9.1	0.03	3	0.6	4.3	<10	3	2013 CMG/CZX program	391877	6361483
1195446	<0.1	3	0.27	0.05	255	1.8	0.05	1.5	0.89	<0.1	0.05	0.15	6.8	0.3	<0.05	1.2	12.12	19.3	0.03	<1	0.6	13.1	<10	<2	2013 CMG/CZX program	391832	6361434
1195447	<0.1	4.8	0.29	0.06	424	2.5	0.07	1.7	0.82	<0.1	0.06	0.13	6.2	0.1	<0.05	3	15.34	25.4	0.03	3	0.7	11.5	<10	<2	2013 CMG/CZX program	391791	6361404
1195448	<0.1	1	0.45	0.08	92	3.1	0.09	3.1	1.44	<0.1	0.03	0.26	7.3	0.5	<0.05	0.6	6.01	9.2	0.04	<1	0.6	12.2	<10	<2	2013 CMG/CZX program	391743	6361361
1195449	<0.1	1.2	0.52	0.08	110	4.2	0.09	3.2	1.76	<0.1	<0.02	0.46	6.2	0.3	<0.05	0.7	9.42	11.9	0.03	3	0.8	13.4	<10	3	2013 CMG/CZX program	391707	6361356
1196751	0.2	1.4	0.52	0.09	213	1.5	0.04	2.4	0.48	<0.1	0.03	0.38	6.4	0.4	<0.05	1.1	12.55	22.8	0.03	<1	0.8	9.4	<10	2	2013 CMG/CZX program	393344	6360084
1196752	0.1	0.6	0.25	0.29	174	1.4	0.03	1.6	0.39	<0.1	0.04	0.5	4.7	0.2	<0.05	1	7.54	12.9	<0.02	1	0.4	5.1	<10	<2	2013 CMG/CZX program	393312	6360045
1196810	<0.1	0.9	0.31	0.09	72	2	0.1	3.4	2.09	<0.1	<0.02	0.47	10.9	0.6	<0.05	0.5	3.52	6.3	0.05	1	0.3	1.5	<10	<2	2013 CMG/CZX program	391237	6361980
1196811	<0.1	0.8	0.86	0.16	46	4.4	0.13	3.9	0.92	<0.1	<0.02	0.15	7.3	0.5	<0.05	0.9	2.27	26.6	<0.02	3	0.2	1.8	<10	<2	2013 CMG/CZX program	391144	6362156
1196812	<0.1	2.3	0.55	0.07	74	4.2	0.07	4.7	1.12	<0.1	<0.02	0.4	7.9	0.5	<0.05	0.7	7.54	17.7	0.03	<1	0.4	11.8	<10	<2	2013 CMG/CZX program	391112	6362137
1196813	<0.1	0.8	0.39	0.04	28	0.7	0.07	3.3	1.32	<0.1	<0.02	0.1	7.4	0.3	<0.05	0.4	1.66	12.1	<0.02	<1	0.1	1.3	<10	2	2013 CMG/CZX program	391069	6362109
1196814	<0.1	1.2	0.12	<0.02	10	1	0.09	3.9	1.06	<0.1	<0.02	0.07	5.5	0.9	<0.05	0.2	2.16	9.2	<0.02	<1	0.2	0.7	<10	<2	2013 CMG/CZX program	391040	6362065
1196815	<0.1	0.5	0.58	0.07	189	1.4	0.05	2.6	1.76	<0.1	<0.02	0.3	8.7	0.3	<0.05	0.2	2.86	11.7	0.03	1	0.4	2.1	<10	<2	2013 CMG/CZX program	390997	6362041
1196816	<0.1	0.9	0.45	<0.02	12	0.3	0.07	3.6	0.6	<0.1	<0.02	0.1	2.9	0.7	<0.05	0.2	1.43	14.9	<0.02	<1	0.1	0.6	<10	<2	2013 CMG/CZX program	390958	6362010
1197044	<0.1	1	0.65	0.25	213	18.2	0.28	1.9	0.84	0.1	0.03	0.13	8.5	0.3	<0.05	0.9	1.83	14	0.03	4	0.2	3.5	<10	3	2013 CMG/CZX program	390367	6362551
1197045	<0.1	0.7	0.34	0.03	24	1.1	0.04	2.3	0.56	<0.1	<0.02	0.1	6.5	0.2	<0.05	0.2	1.58	34.6	<0.02	<1	0.2	1.3	<10	<2	2013 CMG/CZX program	390404	6362589
1197046	<0.1	1.9	0.9	0.08	62	4.9	0.16	3.9	1.2	<0.1	0.03	0.32	8.5	0.4	<0.05	1	2.53	23.8	0.03	<1	0.3	3.2	11	<2	2013 CMG/CZX program	390438	6362622
1197047	<0.1	1.1	0.27	0.03	27	1.4	0.05	3.6	0.66	<0.1	<0.02	0.86	6.2	0.4	<0.05	0.5	2.11	19.1	<0.02	1	0.1	3.3	<10	3	2013 CMG/CZX program	390484	6362654
1197048	<0.1	3.3	0.43	0.07	206	3.2	0.02	1	0.68	<0.1	0.03	0.15	5.5	<0.1	<0.05	2	16.98	28.7	0.03	1	0.8	8.1	<10	<2	2013 CMG/CZX program	390510	6362686
1197049	0.1	1.9	0.16	0.07	85	0.2	<0.02	2.6	0.45	<0.1	0.03	0.7	5.7	0.4	<0.05	0.8	6.23	21.6	0.03	<1	0.7	13.5	<10	<2	2013 CMG/CZX program	390552	6362721
1197050	<0.1	2.2	0.47	0.05	136	1.3	<0.02	2	0.66	<0.1	0.05	0.54	6.9	0.1	<0.05	2	10.8	23.6	0.03	2	0.4	12.5	<10	3	2013 CMG/CZX program	390590	6362750
2378235	<0.1	3.3	0.30	0.05	218	1.7	0.06	1.9	0.53	<0.1	0.05	0.44	5.4	0.3	<0.05	2.3	12.25	21.0	0.02	1	0.3	9.9	<10	<2	2013 CMG/CZX program	390896	6362472
2378236	<0.1	1.9	0.26	0.03	44	1.4	0.05	2.7	0.51	<0.1	<0.02	0.46	6.5	0.3	<0.05	0.7	4.15	21.4	0.03	<1	0.5	19.9	<10	<2	2013 CMG/CZX program	390853	6362442
2378419	<0.1	0.6	0.72	0.11	139	7.9	0.14	1.9	2.21	<0.1	<0.02	0.08	8.3	0.5	<0.05	0.3	3.84	4.6	0.02	2	0.3	1.6	<10	2	2013 CMG/CZX program	390258	6363776
2378501	<0.1	1.7	0.44	0.04	74	1.8	0.08	2.2	0.81	<0.1	0.03	0.33	8.6	0.3	<0.05	0.9	5.66	15.1	0.03	<1	0.5	14.7	<10	<2	2013 CMG/CZX program	390763	6362632
2378502	<0.1	1.4	0.33	0.03	59	1.2	0.04	1.8	0.58	<0.1	<0.02	0.17	6.0	0.2	<0.05	0.7	5.84	42.8	0.02	2	0.4	12.1	<10	<2	2013 CMG/CZX program	390727	6362593
2378503	<0.1	5.0	0.32	0.03	71	0.9	0.05	2.4	0.55	<0.1	0.03	0.25	6.6	0.3	<0.05	1.6	8.36	42.5	0.05	1	0.8	14.4	11	<2	2013 CMG/CZX program	390691	6362567
2378504	0.1	1.8	0.31	0.07	86	0.4	0.04	2.6	0.55	<0.1	0.03	0.62	8.6	0.4	<0.05	0.8	7.91	21.5	0.02	<1	1.0	22.3	<10	<2	2013 CMG/CZX program	390633	6362551
2378505	<0.1	2.8	0.15	0.03	76	0.5	<0.02	1.9	0.39	<0.1	0.04	0.07	3.6	0.1	<0.05	1.7	10.33	34.5	0.02	1	0.4	12.4	<10	<2	2013 CMG/CZX program	390609	6362509
2378506	<0.1	3.8	0.55	0.07	225	3.5	0.08	1.2	0.91	<0.1	0.04	0.11	7.2	0.2	<0.05	1.9	13.22	26.8	0.02	6	0.6	10.2	<10	<2	2013 CMG/CZX program	390571	6362475
2378507	<0.1	1.1	0.98	0.08	213	3.2	0.05	1.2	0.85	<0.1	0.04	0.20	6.2	0.2	<0.05	1.1	6.07	9.0	<0.02	10	0.4	11.2	<10	2	2013 CMG/CZX program	390533	6362441
2378536	<0.1	0.9	0.72	0.09	24	3.6	0.20	3.6	0.79	<0.1	<0.02	0.71	13.8	0.8	<0.05	0.3	2.72	31.7	0.02	1	0.2	1.9	<10	2	2013 CMG/CZX program	390506	6362936
2378537	<0.1	0.6	0.22	0.03	10	0.5	<0.02	2.8	0.61	<0.1	<0.02	0.16	5.6	0.6	<0.05	<0.1	1.58	33.9	<0.02	<1	0.2	1.0	<10	<2	2013 CMG/CZX program	390466	6362898
2378538	<0.1	1.4	1.25	0.30	180	7.0	0.17	1.2	0.86	<0.1	<0.02	0.14	10.2	0.4	<0.05	0.5	5.07	22.8	0.03	6	0.3	5.9	<10	3	2013 CMG/CZX program	390431	6362870
2378539	<0.1	1.6	0.32	0.03	59	1.4	0.03	2.4	0.54	<0.1	<0.02	0.26	7.4	0.3	<0.05	0.4	5.69	31.0	0.02	1	0.3	11.3	<10	3	2013 CMG/CZX program	390391	6362840
2378540	<0.1	2.0	0.35	0.04	114	2.0	0.06	1.6	0.60	<0.1	0.04	0.12	5.7	0.4	<0.05	0.7	8.86	23.7	<0.02	3	0.4	5.9	<10	<2	2013 CMG/CZX program	390353	6362810
2378541	<0.1	0.9	0.42	0.04	12	2.1	0.07	4.9	1.27	<0.1	<0.02	0.13	7.6	0.5	<0.05	<0.1	1.97	19.8	0.02	1	0.1	1.1	<10	<2	2013 CMG/CZX program	390317	6362777
2378542	<0.1	1.6	0.35	0.09	36	2.7	0.13	3.1	1.01	<0.1	0.02	0.41	7.8	0.6	<0.05	0.4	2.10	13.7	<0.02	3	0.2	1.9	<10	<2	2013 CMG/CZX program	390278	6362744
2378543	<0.1	1.0	0.32	0.04	10	1.5	0.04	3.2	0.82	<0.1	<0.02	0.33	8.0	0.5	<0.05	0.2	1.78	20.5	0.03	<1	0.2	1.9	<10	2	2013 CMG/CZX program	390238	6362711
2378544	<0.1	1.1	0.32	0.06	24	1.7	0.12	2.8	0.76	<0.1	<0.02	0.49	10.2	0.4	<0.05	0.5	1.69	20.3	0.02	1	0.1	1.6	<10	<2	2013 CMG/CZX program	390199	6362679
2378545	<0.1	0.7	0.18	<0.02	19	0.9	0.05	2.9	0.68	<0.1	<0.02	0.05	4.7	0.5	<0.05	0.2	1.50	13.9	<0.02	<1	0.2	0.9	<10	<2	2013 CMG/CZX program	390159	6362645
2378546	<0.1	0.6	0.13	<0.02	<5	0.4	<0.02	2.9	0.80	<0.1	<0.02	0.04	5.1	0.3	<0.05	<0.1	0.74	14.4	<0.02	<1	<0.1	0.4	<10	3	2013 CMG/CZX program	390123	6362616
2378547	<0.1	0.8	0.19	0.04	12	2.3	0.04	2.1	0.70	<0.1	<0.02	0.14	7.5	0.4	<0.05	0.2	1.39	13.0	<0.02	<1	0.1	1.0	<10	<2	2013 CMG/CZX program	390084	6362583
2378548	<0.1	0.7	0.27	0.03	12	1.3	0.04	2.6	0.85	<0.1	<0.02	0.26	4.9	0.6	<0.05	<0.1	1.30	20.0	<0.02	<1	0.1	1.0	<10	3	2013 CMG/CZX program	390046	6362550
2378549	<0.1	1.3	0.45	0.06	39	3.1	0.19	2.2	0.77	<0.1	<0.02	0.40	8.3	0.3	<0.05	1.0	4.19	17.4	0.04	3	0.5	15.1	<10	4	2013 CMG/CZX program	390008	6362518
2378550	<0.1	1.2	0.32	0.04	22	2.4	0.04	2.6	0.59	<0.1	<0.02	0.58	9.4	0.6	<0.05	1.1	3.57	20.1	0.05	<1	0.5	7.6	<10	<2	2013 CMG/CZX program	389970	6362488
2378551	<0.1	1.3	0.37	0.06	90	2.5	0.04	1.8	0.72	<0.1	<0.02	0.33	9.2	0.3	<0.05	0.4	4.44	20.2	0.02	<1	0.4	8.5	<10	5	2013 CMG/CZX program	390350	6363591
2378552	0.1	3.4	0.54	0.06	172	3.0	0.02	1.1	0.62	<0.1	0.05	0.16	6.6	0.2	<0.05	1.6	18.35	31.3	0.03	<1	0.6	7.6	<10	<2	2013 CMG/CZX program	390311	6363553
2378553	<0.1	0.5	0.62	0.06	47	1.2	0.11	1.8	1.23	<0.1	<0.02	0.13	7.9	0.4	<0.05	0.3	1.48	8.1	<0.02	<1	0.3	0.8	<10	<2	2013 CMG/CZX program	390279	6363516
2378600	<0.1	4.3	0.47	0.04	240	1.2	0.06	1.9	0.84	<0.1	0.04	0.24	9.9	0.3	<0.05	1.9	22.70	39.6	0.03	<1	0.8	20.2	<10	3	2013 CMG/CZX program	390375	6363090
2378601	<0.1	3.2	0.34	0.03	125	1.0	0.04	1.8	0.72	<0.1	0.04	0.16	7.8	0.3	<0.05	1.6	12.69	32.6	<0.02	<1	0.6	16.5	<10	3	2013 CMG/CZX program	390336	6363058
2378602	<0.1	3.9	0.58	0.04	234	1.9	0.06	1.5	0.96	<0.1	0.06	0.19	6.8	0.4	<0.05	3.2	15.67	31.6	0.02	2	0.7	10.0	<10	3	2013 CMG/CZX program	390298	6363023
2378603	<0.1	0.7	0.39	<0.02	24	1.7	0.13	1.2	0.87	<0.1	<0.02	0.08	8.2	0.3	<0.05	0.1	1.99	16.8	0.03	<1	<0.1	1.2	<10	2	2013 CMG/CZX program	390264	6362997
2378692	<0.1	0.5	0.45	0.09	54	2.6	0.1	2.7	1.77	<0.1	<0.02	0.16	8.4	0.4	<0.05	0.2	2.69	13	0.02	5	0.5	2.2	<10	4	2013 CMG/CZX program	391284	6362019
2378701	<0.1	8.9	0.35	0.04	145	1.1	<0.02	2	1.63	<0.1	0.05	0.24	7.1	0.4	<0.05	1.9	16.79	45	0.06	<1	0.7	14.1	<10	<2	2013 CMG/CZX program	393078	6361178
2378702	<0.1	8.5	0.34	0.05	164	0.8	0.06	2.1	1.03	<0.1	0.08	0.19	7.6	0.3	<0.05	1.9	18.49	45.4	0.05	<1	0.8	14	<10	<2	2013 CMG/CZX program	393048	6361149
2378703	<0.1	2.6	0.51	0.04	222	1.9	0.06	1.2	0.94	<0.1	0.05	0.25	9.5	0.2	<0.05	1.8	13.87	23.9	0.03	2	0.6	10.6	<10	3	2013 CMG/CZX program	393007	6361117
2378704	<0.1	1.5	0.32	0.04	40	0.9	0.04	1.9	0.67	<0.1	0.02	0.46	8.6	0.3	<0.05	0.5	6.02	24	0.02	2	0.4	12.9	<10	<2	2013 CMG/CZX program	392971	6361087
2378705	<0.1	2	0.86	0.06	191	0.9	0.02	1.6	0.56	<0.1	0.06	0.27	7.4	0.2	<0.05	1.7	9.96	32.9	<0.02	<1	0.6	15.3	<10	3	2013 CMG/CZX program	392895	6361023
2378706	<0.1	1.8	0.31	0.04	28	1.4	0.07	1.9	0.59	<0.1	0.02	0.25	10.1	0.3	<0.05	0.6	4.95	27.8	0.03	1	0.5	9.5	<10	3	2013 CMG/CZX program	392856	6360991
2378777	0.2	1.4	0.6	0.05	137	1.7	0.17	1.8	1.52	<0.1	<0.02	0.14	14.5	0.4	<0.05	0.5	11.06	31.2	0.03	<1	0.8	23.6	<10	<2	2013 CMG/CZX program	392710	6361394
2378778	<0.1	1.4	0.33	0.14	126	0.7	0.03	1.1	1.11	<0.1	0.04	0.12	8.7	0.2	<0.05	1.9	11.58	26.4	<0.02	<1	0.7	16.3	<10	<2	2013 CMG/CZX program	392676	6361362
2378779	<0.1	2.6	0.23	0.06	181	0.6	<0.02	1.7	0.79	<0.1	0.04	0.6	9.3	0.3	<0.05	1	28.41	61	0.06	<1	1.1	17.7	<10	3	2013 CMG/CZX program	392637	6361331
2378780	<0.1	0.5	0.22	0.06	43	1	0.06	2	1.25	<0.1	<0.02	0.04	19.7	0.4	<0.05	0.3	9.74	22.3	0.03	<1	1	18.3	<10	2	2013 CMG/CZX program	392597	6361298
2378781	<0.1	1.8	0.2	0.09	64	1.8	0.13	1.8	0.56	<0.1	0.05	0.7	8.9	0.4	<0.05	1.4	6.45	16.2	<0.02	<1	0.4	4.2	<10	<2	2013 CMG/CZX program	392556	6361266
2378782	<0.1	0.4	0.14	0.07	51	1.9	0.09	1.6	0.48	<0.1	<0.02	0.07	8.2	0.4	<0.05	<0.1	4.58	18.6	0.03	<1	0.5	2.1	<10	<2	2013 CMG/CZX program	392520	6361234
2378783	<0.1	1	0.11	0.04	19	0.8	<0.02	1.8	0.42	<0.1	<0.02	0.56	7	0.4	<0.05	0.3	2.89	18	<0.02	2	0.4	1.7	<10	2	2013 CMG/CZX program	392482	6361205
2378784	<0.1	1.3	0.25	0.03	17	1.4	0.09	3.5	0.77	<0.1	<0.02	0.61	5.8	0.6	<0.05	0.3	2.15	18.5	<0.02	<1	0.4	4.4	<10	2	2013 CMG/CZX program	392442	6361171
2378785	<0.1	0.4	0.27	<0.02	6	0.6	0.03	2.6	0.82	<0.1	<0.02	0.04	3.6	0.5	<0.05	<0.1	1.35	14.5	<0.02	<1	<0.1	0.5	<10	<2	2013 CMG/CZX program	392406	6361137
2378786	<0.1	0.5	0.29	0.05	108	3.3	0.08	3.1	1.51	<0.1	<0.02	0.14	8.6	0.4	<0.05	0.1	4.31	13	<0.02	2	0.3	1.8	<10	<2	2013 CMG/CZX program	392369	6361108
2378787	<0.1	1.5	0.46	0.14	100	6.3	0.13	2.8	0.92	<0.1	0.03	0.66	11.2	0.3	<0.05	0.9	5.12	11.2	0.05	<1	0.6	7.6	<10	3	2013 CMG/CZX program	392330	6361077
2378788	<0.1	0.3	0.3	0.11	73	2.1	0.09	2.5	1.61	<0.1	<0.02	0.03	7.9	0.5	<0.05	<0.1	1.42	7.2	<0.02	2	0.1	0.6	<10	<2	2013 CMG/CZX program	392291	6361040
2378789	<0.1	0.7	0.65	0.09	57	2.5	0.21	2.7	1.44	<0.1	<0.02	0.08	7.2	0.4	<0.05	0.3	2.45	8.9	0.03	<1	<0.1	1	<10	2	2013 CMG/CZX program	392254	6361011
2378810	<0.1	1.4	0.16	0.06	154	0.7	0.05	3.9	0.83	<0.1	<0.02	1.46	5.5	0.6	<0.05	0.4	5.77	21.7	0.02	<1	0.9	7	<10	<2	2013 CMG/CZX program	392571	6361014
2378811	<0.1	1.4	0.35	0.04	11	1.9	0.07	2.7	0.84	<0.1	<0.02	0.48	8.3	0.3	<0.05	0.8	3.57	17.9	0.04	<1	0.5	11.6	<10	<2	2013 CMG/CZX program	392607	6361046
2378812	<0.1	1.4	0.17	0.06	87	0.2	0.05	3.8	0.95	<0.1	<0.02	0.91	8.3	0.6	<0.05	0.4	5.96	22	0.03	<1	0.7	9.4	<10	<2	2013 CMG/CZX program	392648	6361080
2378813	<0.1	0.9	0.13	0.02	26	0.4	0.02	2.4	0.52	<0.1	<0.02	0.41	7	0.3	<0.05	0.4	1.97	22.5	<0.02	<1	0.2	3.8	<10	<2	2013 CMG/CZX program	392689	6361119
2378814	<0.1	2	0.33	0.06	63	1.4	0.05	2.9	1.39	<0.1	0.07	0.09	14.8	0.6	<0.05	1.8	15.72	23.9	0.05	3	1.2	33.3	<10	<2	2013 CMG/CZX program	392724	6361144
2378815	<0.1	1.8	0.22	0.08	351	1.8	<0.02	1.3	0.42	<0.1	0.03	0.36	8	0.2	<0.05	1	12.12	32	<0.02	2	0.8	6.5	<10	<2	2013 CMG/CZX program	392762	6361180
2378816	<0.1	2.7	0.26	0.07	290	2.5	0.06	1.3	0.66	<0.1	0.05	0.19	7.6	0.2	<0.05	1.6	18.44	31.3	0.03	3	0.9	8.4	<10	<2	2013 CMG/CZX program	392799	6361208
2378817	<0.1	2	0.3	0.08	106	2	0.03	1.4	0.69	<0.1	0.04	0.19	8.1	0.2	<0.05	1.5	14.49	28.6	<0.02	1	0.8	9.1	<10	3	2013 CMG/CZX program	392840	6361244
2378818	0.1	2.7	0.6	0.05	221	1.8	0.02	1.4	1.16	<0.1	0.04	0.15	10.5	0.3	<0.05	2	14.27	29.4	0.03	2	0.7	17	<10	3	2013 CMG/CZX program	392881	6361272
2378819	<0.1	1.7	0.24	0.05	91	1.1	0.03	1.3	0.88	<0.1	<0.02	0.35	8.5	0.2	<0.05	0.7	18.65	65.7	0.05	<1	0.9	19.6	<10	2	2013 CMG/CZX program	392545	6361515
2378820	0.2	3.9	1.01	0.05	190	1.6	0.16	1	1.1	<0.1	0.05	0.22	9.2	0.2	<0.05	2.1	22.03	39.9	0.03	<1	0.9	14.4	<10	<2	2013 CMG/CZX program	392582	6361546
2378821	<0.1	0.5	0.2	0.04	30	1.6	0.05	2.9	0.69	<0.1	<0.02	0.08	8.2	0.4	<0.05	<0.1	3.21	18.5	<0.02	2	0.5	12.6	<10	<2	2013 CMG/CZX program	392508	6361482
2378822	<0.1	0.4	0.23	0.04	42	2.4	0.08	1.9	0.78	0.1	<0.02	0.03	10.3	0.3	<0.05	<0.1	3.83	19.2	<0.02	<1	0.3	3.9	<10	6	2013 CMG/CZX program	392470	6361449
2378823	<0.1	0.4	0.17	0.03	31	1.8	0.04	1.6	0.4	<0.1	<0.02	<0.02	7.7	0.2	<0.05	<0.1	3.06	19.7	0.03	1	0.4	3.4	<10	<2	2013 CMG/CZX program	392431	6361418
2378824	<0.1	0.4	0.16	0.04	50	1.7	0.09	1.6	0.58	<0.1	<0.02	<0.02	7.9	0.2	<0.05	<0.1	3.34	18.1	<0.02	<1	0.5	2.8	<10	<2	2013 CMG/CZX program	392390	6361390
2378825	<0.1	0.4	0.15	0.04	21	0.8	<0.02	2.2	0.48	<0.1	<0.02	0.12	9	0.6	<0.05	<0.1	4.34	24	0.02	<1	0.5	2.9	<10	<2	2013 CMG/CZX program	392352	6361356
2378826	<0.1	0.9	0.17	0.04	40	1.2	0.03	2.2	0.58	<0.1	<0.02	0.29	10.4	0.6	<0.05	<0.1	5.52	25.2	<0.02	<1	0.5	4.1	<10	<2	2013 CMG/CZX program	392318	6361324
2378827	<0.1	0.7	0.62	<0.02	16	2.1	0.02	3	1.36	0.1	0.02	0.15	5.9	0.5	<0.05	0.3	2.07	38.7	<0.02	<1	0.1	0.8	<10	<2	2013 CMG/CZX program	392277	6361290

2378828	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey brown	30	15	15		40			dry	black shale
2378829	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	grey	15	30	35		20			dry	black shale
2378830	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15	25	25		35			moist	black shale
2378831	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15	25	25		35			moist	
2378832	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	15	25	25		35			moist	black shale
2378833	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	grey	15	25	25		35			moist	
2378834	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	5	30	30		35			dry	black shale
2378835	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	5	25	25		45			moist	black shale
2378878	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	30				20			moist	shale
2378879	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	brown	30				20			moist	
2378880	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	20				30			moist	black shale
2378881	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey brown	15				35			moist	black shale
2378882	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	30				20			moist	black shale
2378883	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey brown	25				25			moist	black shale
2378884	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	brown	20				30			moist	black shale
2378885	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	20				30			moist	black shale
2378886	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	15				35			moist	black shale
2378887	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	20				30			moist	
2378888	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	grey	5				45			moist	black shale
2378889	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	25				25			moist	
2378890	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	brown	20				30			moist	black shale
2378891	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	grey	15				25			moist	black shale
2378892	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey	20				30			moist	black shale
2378893	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	brown	30				30			moist	black shale
2378894	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey	20				30			moist	
2378895	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	30	grey brown	15				35			moist	black shale
2378896	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	brown	25				25			moist	
2378897	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	5				45			moist	black shale
2378898	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	35	grey	20				30			dry	
2379182	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	30	DARK/BROWN/GREY	5	30	30	30	5			MOIST	
2379183	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	10	DARK/BROWN/TAN	0	30	30	30	10			MOIST	
2379184	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	BROWN/TAN/GREY	0	25	35	35	5			MOIST	
2379185	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	15	BROWMN/GREY	5	30	30	30	5			MOIST	
2379186	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	15	DARK/GREY	5	30	30	30	5			MOIST	
2379187	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	10	BROWN/GREY	5	30	30	30	5			MOIST	
2379188	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	15	DARK/BROWN/GREY	5	30	30	30	5			MOIST	
2379189	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	15	DARK/GREY	0	30	30	30	10			MOIST	
2379190	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	DARK/TAN/GREY	0	30	30	35	5			DRY	
2379191	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	GREY	0	30	30	35	5			MOIST	
2379192	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	10	TAN/GREY	0	25	30	35	10			MOIST	
2379193	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	40	BROWN/TAN/GREY	0	30	35	30	5			MOIST	
2379225	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		C	30	DARK/GREY	5	25	25	35	10			MOIST	
2379226	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	25	GREY	5	30	30	30	5			MOIST	
2379227	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	15	DARK/BROWN/GREY	5	30	30	30	5			MOIST	
2379228	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	20	GREY	5	20	25	35	15			MOIST	
2379229	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B/C	10	GREY	5	30	30	30	5			MOIST	
2379230	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	15	GREY	5	30	30	30	5			MOIST	
2379231	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		B/C	10	GREY	5	25	30	35	5			MOIST	
2379232	SOIL	Sitka	Canada Zinc Metals Corp.	Acme	Aqua Regia (GC)	ICP-MS (GC)		A/B	30	DARK/BROWN/GREY	5	30	30	30	5			MOIST	

2378828	VAN13003387		20.02	21	31.87	76.6	14481	10.7	2	43	3.57	26.7	0.7	0.6	0.2	100.5	0.27	1.91	0.46	93	0.03	0.136	7.3	15.9	0.03	426.2	0.005	<20	0.43	0.007	0.25
2378829	VAN13003387		10.13	11.06	18.89	81.2	3818	10.8	2.2	43	2.52	15.9	0.7	0.6	0.4	47.9	0.32	1.35	0.32	83	0.02	0.176	7.1	14.3	0.05	216	0.008	<20	0.66	0.002	0.07
2378830	VAN13003387		13.34	18.99	22.55	112.6	4560	17.2	3.1	35	2.26	19.1	0.8	0.9	0.3	40.7	0.42	2.42	0.34	71	0.01	0.105	8.3	9.9	0.04	162.5	0.006	<20	0.51	0.003	0.07
2378831	VAN13003387		14.06	17.62	17.58	105	5334	15.8	2.2	17	2.08	20.1	0.7	0.4	0.3	33.9	0.35	2.11	0.29	81	0.02	0.108	5.4	8.8	0.03	181.5	0.003	<20	0.53	0.004	0.06
2378832	VAN13003387		8.9	7.01	14.19	29.5	4527	5.7	0.6	14	0.64	4	0.6	0.6	0.4	14.3	0.22	0.86	0.24	48	0.05	0.073	3	11.4	0.03	104.5	<0.001	<20	0.48	0.003	0.05
2378833	VAN13003387		3.41	3.62	8.7	35	759	4.7	0.6	4	0.41	1.2	0.2	<0.2	0.4	10.5	0.15	0.5	0.12	40	0.01	0.028	4.3	5.2	0.01	51.3	<0.001	<20	0.44	0.002	0.04
2378834	VAN13003387		5.09	9.1	16.08	61.7	393	7.9	1.4	11	0.75	4.2	0.3	<0.2	0.8	13.3	0.18	0.76	0.18	38	0.04	0.025	7	3.2	0.01	57	0.002	<20	0.35	0.001	0.06
2378835	VAN13003387		2.6	4.25	9.25	41.1	713	4.2	0.8	7	0.44	2.4	0.2	<0.2	0.4	10.2	0.13	0.37	0.1	20	0.03	0.021	9.6	3.8	0.02	46.5	0.002	<20	0.34	0.003	0.04
2378878	VAN13003537		11.07	20.44	23.56	152.5	639	36.6	4.9	354	1.58	9.5	2.6	1.5	0.4	13.9	1.57	2.01	0.2	213	0.49	0.107	17.4	16.5	0.62	164.6	0.005	<20	0.82	<0.001	0.12
2378879	VAN13003537		4.71	11.17	22.96	71.3	258	35.1	7.1	416	2.58	7	0.9	<0.2	2.4	13.5	0.6	0.76	0.17	25	0.57	0.087	43.5	18	0.41	104.6	0.005	<20	0.75	<0.001	0.26
2378880	VAN13003537		4.62	17.86	18.47	275.1	1188	57.7	8.1	558	2.16	5.5	0.9	0.4	1.5	40.6	1.65	0.92	0.24	37	1.37	0.155	34.3	18.1	0.32	171.5	0.004	<20	0.81	<0.001	0.28
2378881	VAN13003537		5.09	17.16	18.98	203.5	599	31.5	6.8	199	2.17	5.7	1.1	<0.2	<0.1	18.7	0.82	0.9	0.15	48	0.54	0.102	17.1	13.3	0.13	159.2	0.003	<20	0.71	<0.001	0.08
2378882	VAN13003537		5.19	23.36	17.88	248.7	506	50.5	7	242	1.84	4.5	1.2	<0.2	0.1	9.8	0.82	0.84	0.18	46	0.43	0.144	18.9	15.9	0.2	140.9	0.003	<20	0.69	<0.001	0.12
2378883	VAN13003537		5.73	17.59	20.59	152.8	715	24.9	4.5	30	1.31	5.4	0.7	<0.2	<0.1	10	0.71	1	0.16	43	0.11	0.074	10.9	11.1	0.05	202	<0.001	<20	0.5	<0.001	0.08
2378884	VAN13003537		5.05	34.35	22.77	237.4	2440	43.3	10	226	3.75	7.8	1.2	0.4	0.2	10.7	1.3	1.51	0.19	28	0.13	0.177	15.4	10.4	0.05	240.4	0.002	<20	0.47	<0.001	0.08
2378885	VAN13003537		5.63	12.11	24.12	126.3	546	15	4.7	224	1.16	4.5	0.7	<0.2	0.2	13.7	1	1.01	0.13	34	0.16	0.088	9.3	10.4	0.05	273.2	0.002	<20	0.5	<0.001	0.07
2378886	VAN13003537		13.88	20.72	33.32	81.7	15765	18.3	3.5	48	2.57	16.8	1.3	0.8	<0.1	206.9	0.26	1.57	0.33	64	0.06	0.249	17.4	20.7	0.04	404.9	0.006	<20	0.65	<0.001	0.12
2378887	VAN13003537		5.83	11.48	15.89	51.9	4832	8.5	1.5	13	0.85	4.2	0.5	<0.2	<0.1	38.3	0.14	0.44	0.24	47	0.02	0.079	4.5	13.9	0.02	172.2	0.002	<20	0.6	<0.001	0.05
2378888	VAN13003537		5.91	12.06	15.38	52.9	1480	11.2	2.2	19	1.19	6.2	0.6	0.9	<0.1	20.1	0.12	0.56	0.2	44	0.01	0.062	6.4	9.6	0.03	146.8	0.003	<20	0.58	<0.001	0.05
2378889	VAN13003537		7	19.81	18.24	62.2	3554	11.6	2.1	14	1.06	8.8	0.4	0.3	0.2	38.3	0.21	0.76	0.24	45	0.02	0.055	6.2	9.1	0.02	109.6	0.002	<20	0.46	<0.001	0.04
2378890	VAN13003537		18.84	24.91	30	141.7	5702	27.3	4.3	27	1.98	20.7	0.9	0.6	<0.1	37.6	0.28	2.69	0.29	92	0.01	0.082	9.8	9	0.03	121.1	0.003	<20	0.47	<0.001	0.07
2378891	VAN13003537		8.07	11.43	15.48	83	394	12.7	2.8	28	0.87	5	0.4	<0.2	<0.1	10.1	0.14	1.2	0.17	62	0.02	0.027	9.9	8.3	0.02	45.5	0.005	<20	0.39	<0.001	0.03
2378892	VAN13003537		1.64	3.61	6.29	31.8	351	4.4	0.7	4	0.26	1.4	0.3	0.5	0.4	7.8	0.15	0.15	0.07	19	0.02	0.035	11.4	4.6	0.02	43.6	0.001	<20	0.44	<0.001	0.03
2378893	VAN13003537		16.09	39.64	20.46	94.1	1575	19.2	1.9	37	1.13	9.8	1.2	0.5	0.1	36	0.28	1.89	0.24	62	0.07	0.09	4.2	15.3	0.03	154.3	0.002	<20	0.59	<0.001	0.08
2378894	VAN13003537		4.01	10.17	12.93	68.2	466	12.2	2.1	16	0.74	3.2	0.5	0.4	0.4	13.3	0.12	0.37	0.15	39	0.03	0.037	12.8	8.7	0.04	79.3	0.004	<20	0.7	<0.001	0.04
2378895	VAN13003537		6.18	10.87	19.66	73	934	9.5	2.2	14	0.99	9.3	0.3	0.4	0.9	16	0.19	0.53	0.18	50	0.01	0.043	8.7	8.1	0.03	96.3	0.002	<20	0.66	<0.001	0.04
2378896	VAN13003537		3.68	7.36	14.34	35.7	949	4.5	0.7	12	0.56	4.7	0.3	0.2	0.5	8.4	0.18	0.32	0.2	39	0.04	0.063	3.6	8	0.02	59.9	0.001	<20	0.71	<0.001	0.06
2378897	VAN13003537		3.33	5.15	8.35	35.3	433	5.5	1.1	15	0.41	2.3	0.2	<0.2	1.1	8.2	0.05	0.29	0.1	30	0.03	0.016	11	5.9	0.02	53.7	0.002	<20	0.59	<0.001	0.03
2378898	VAN13003537		2.92	4.81	10.46	37.5	292	6.7	1	7	0.37	2	0.3	<0.2	0.5	11	0.14	0.29	0.09	19	0.07	0.03	18.7	5.9	0.05	90.7	0.003	<20	0.41	<0.001	0.06
2379182	VAN13003698		4.95	34.55	23.77	293.2	619	70.4	7.2	243	1.82	4.9	1.1	1.7	1.3	16.4	1.32	1.47	0.17	50	0.84	0.231	13.5	17	0.26	118	0.004	<20	0.59	0.003	0.28
2379183	VAN13003698		7.59	26.51	32.07	230.1	331	52.4	8.5	207	2.18	6.5	0.6	0.4	0.6	6.9	1.02	1.18	0.15	28	0.13	0.082	14.6	8.2	0.05	116.7	0.002	<20	0.47	<0.001	0.06
2379184	VAN13003698		4.75	12.93	41.01	105.7	281	18.7	3.3	61	1.38	4.8	0.5	<0.2	0.3	8.2	0.4	0.68	0.11	27	0.06	0.084	12.9	7.6	0.06	112.9	0.002	<20	0.55	0.001	0.06
2379185	VAN13003698		6.11	11.67	36.19	118.1	1719	16.4	2.5	36	0.93	5.6	0.5	<0.2	<0.1	15.4	0.71	0.83	0.13	30	0.14	0.087	9.4	7.1	0.04	148.4	0.002	<20	0.39	0.002	0.08
2379186	VAN13003698		14.28	16.17	72.16	178.5	763	19.1	3.4	281	1.58	12	0.7	<0.2	<0.1	32	1.87	2.43	0.16	49	0.23	0.103	5.7	8.3	0.03	434.3	0.002	<20	0.38	0.002	0.09
2379187	VAN13003698		5.4	9.54	25.58	79	684	10.4	1.6	20	0.74	3.9	0.6	<0.2	<0.1	18.2	1.01	0.66	0.12	25	0.15	0.083	9	8.1	0.04	212.7	0.002	<20	0.39	0.002	0.07
2379188	VAN13003698		16.74	19.01	58.87	195	3316	24.4	3.9	30	1.82	14.5	1.5	1.2	0.1	27.4	2.84	2.57	0.18	49	0.04	0.097	7.3	7.2	0.04	242.3	0.001	<20	0.43	0.001	0.09
2379189	VAN13003698		11.14	16.96	24.53	111	4647	22.1	3.2	64	1.92	11	0.8	0.7	0.4	44.2	0.74	1.89	0.17	34	0.34	0.154	4	8.4	0.07	306.2	0.001	<20	0.31	0.003	0.13
2379190	VAN13003698		18.13	26.15	38.64	222.2	4125	94.7	10.7	239	2.92	19.8	1.5	1.1	1.1	60.4	3.63	4.41	0.18	45	0.32	0.159	6.4	11.2	0.11	346.6	0.002	<20	0.42	0.004	0.13
2379191	VAN13003698		4.82	6.47	4.7	39.4	591	5.8	0.8	6	0.4	1.4	0.2	0.2	0.5	5.3	0.34	0.28	0.05	34	0.02	0.027	8.8	5.6	0.01	61.9	0.002	<20	0.39	<0.001	0.03
2379192	VAN13003698		11.06	13.21	11.1	85.7	678	12	1.7	10	1.02	5.4	0.4	<0.2	0.4	11.4	0.42	0.83	0.11	70	0.03	0.057	6.6	7.3	0.02	78.6	0.001	<20	0.47	<0.001	0.04
2379193	VAN13003698		17.46	33.13	19.08	199.5	1191	36.1	4.8	38	2.71	19.2	1.2	0.2	0.7	24.7	1.28	2.23	0.19	79	0.04	0.078	8.1	11.4	0.06	118.1	0.002	<20	0.72	0.002	0.09
2379225	VAN13003698		4.89	29.65	14.14	245.1	1418	60.4	6.6	193	1.61	5.2	1.3	1.8	1.2	33.3	0.93	1.57	0.21	30	0.97	0.226	16.1	13	0.25	211.9	0.004	<20	0.52	0.003	0.18
2379226	VAN13003698		5.69	23.16	12.36	132.2	1142	44.9	8.7	146	1.84	5.3	0.7	1.1	2.4	10.1	0.58	1.39	0.16	15	0.49	0.092	15.5	5.8	0.07	91.1	0.002	<20	0.29	0.002	0.08
2379227	VAN13003698		7.93	47.37	12.61	336	2532	61.9	10.5	246	2.13	5.5	1.8	1.5	1.2	17.4	3.24	3.35	0.17	26	1.28	0.127	13.1	7	0.18	154.5	0.002	<20	0.33	0.002	0.07
2379228	VAN13003698		6.93	27.14	13.08	170.2	726	43.8	9.6	260	1.79	7.2	0.8	0.7	1.7	11.3	1.48	1.93	0.13	13	0.58	0.078	11.8	5.4	0.09	77.2	0.001	<20	0.26	0.001	0.07
2379229	VAN13003698		1.34	5.95	8.22	32.1	508	4.6	0.9	11	0.39	1	0.3	0.3	0.2	4.1	0.24	0.18	0.09	14	0.01	0.065	12.1	6.2	0.03	93.5	0.002	<20	0.53	0.001	0.05
2379230	VAN13003698		9	18.04	26.79	104	1435	20.9	4	69	1.51	10.1	0.4	1.3	<0.1	27.3	0.36	1.31	0.19	42	0.08	0.078	5	7	0.02	167.4	0.003	<20	0.35	0.002	0.06
2379231	VAN13003698		15.13	17.1	18.99	121.4	1988	23.8	3.6	46	1.74	14.1	1	0.8	<0.1	38.6	1	2.11	0.18	46	0.23	0.121	5.2	8.9	0.05	271.8	0.001	<20	0.3	0.003	0.1
2379232	VAN13003698		14.45	17.92	21.6	110.8	5466	19.7	3.3	30	1.54	10	0.8	0.7	<0.1	40.4	0.44	1.84	0.27	53	0.04	0.103	6.5	11.4	0.02	182.1	0.002	<20	0.44	0.002	0.07

2378828	<0.1	0.6	0.93	0.57	70	9.2	0.11	4.4	1.95	0.2	<0.02	0.41	20.9	1.1	<0.05	<0.1	3.3	15.5	0.03	<1	0.3	1.7	<10	<2	2013 CMG/CZX program	392240	6361261
2378829	<0.1	0.8	0.4	0.09	43	2.9	0.22	3.5	1.51	<0.1	<0.02	0.73	10.6	0.6	<0.05	<0.1	2.57	14.7	<0.02	<1	0.2	1.9	<10	<2	2013 CMG/CZX program	392202	6361228
2378830	<0.1	0.7	0.39	0.1	49	3.8	0.08	4.8	1.17	<0.1	<0.02	0.5	10.2	0.6	<0.05	<0.1	3.06	16.7	<0.02	3	0.2	1.8	<10	<2	2013 CMG/CZX program	392167	6361195
2378831	<0.1	0.6	0.39	0.08	59	3.8	0.06	2.5	1.4	<0.1	<0.02	0.19	9.7	0.3	<0.05	0.3	3	10.7	<0.02	<1	0.3	1.5	<10	2	2013 CMG/CZX program	392126	6361163
2378832	<0.1	0.6	0.29	0.03	36	1.2	0.09	2.6	1.03	<0.1	0.03	0.07	6.7	0.5	<0.05	0.3	1.1	6.3	<0.02	<1	0.2	0.7	<10	<2	2013 CMG/CZX program	392088	6361130
2378833	<0.1	0.6	0.23	<0.02	<5	0.4	0.06	2.4	1.16	<0.1	<0.02	0.07	6.8	0.2	<0.05	<0.1	1.19	8.8	<0.02	<1	0.2	0.5	<10	<2	2013 CMG/CZX program	392046	6361097
2378834	<0.1	0.5	0.21	<0.02	9	0.8	0.03	2.1	0.71	<0.1	<0.02	0.15	7.3	0.2	<0.05	<0.1	1.47	14.8	<0.02	2	<0.1	0.4	<10	<2	2013 CMG/CZX program	392014	6361067
2378835	<0.1	0.4	0.16	<0.02	10	0.3	<0.02	2.4	0.82	<0.1	<0.02	0.09	6	0.4	<0.05	<0.1	1.02	18.7	<0.02	<1	0.1	0.7	<10	<2	2013 CMG/CZX program	391972	6361034
2378878	0.1	1.4	0.31	0.05	95	0.9	0.07	2.4	0.84	<0.1	0.02	0.32	12.3	0.4	<0.05	0.8	14.52	30.1	0.05	<1	0.8	19.6	<10	<2	2013 CMG/CZX program	392454	6361698
2378879	<0.1	5.3	0.48	0.05	92	0.7	0.02	2.2	2.49	0.1	0.03	0.09	15	0.3	<0.05	1.1	25.98	82.4	0.05	<1	1.1	33.3	<10	<2	2013 CMG/CZX program	392420	6361668
2378880	<0.1	3.6	0.4	0.05	137	1.3	<0.02	1.8	1.42	<0.1	0.02	0.12	15.6	0.4	<0.05	1.3	21.21	65.4	0.04	2	1.4	28.1	<10	<2	2013 CMG/CZX program	392380	6361637
2378881	<0.1	0.6	0.18	0.04	53	1.2	0.08	2.2	0.53	<0.1	<0.02	0.11	10	0.3	<0.05	<0.1	10.57	43	0.02	<1	0.6	12.5	<10	<2	2013 CMG/CZX program	392341	6361604
2378882	<0.1	0.7	0.17	0.04	71	2	0.04	2.1	0.74	<0.1	<0.02	0.06	10.2	0.5	<0.05	<0.1	14.92	35.3	0.02	<1	0.8	14.7	<10	<2	2013 CMG/CZX program	392304	6361574
2378883	<0.1	0.3	0.16	0.04	15	1.2	<0.02	2	0.59	<0.1	<0.02	0.03	8.4	0.3	<0.05	<0.1	3.24	17.3	<0.02	<1	0.3	2	<10	<2	2013 CMG/CZX program	392265	6361534
2378884	<0.1	0.7	0.16	0.06	143	2.5	0.1	1.3	0.82	<0.1	<0.02	0.04	8.6	0.3	<0.05	<0.1	12.89	32.7	0.04	<1	0.8	4.2	<10	<2	2013 CMG/CZX program	392228	6361508
2378885	<0.1	0.6	0.14	0.05	28	1.2	0.05	1.7	0.67	<0.1	<0.02	0.09	7.6	0.2	<0.05	0.2	4.15	15.3	<0.02	<1	0.4	2.5	<10	<2	2013 CMG/CZX program	392190	6361475
2378886	<0.1	0.5	0.42	0.21	102	10.2	0.22	4.8	2.22	<0.1	<0.02	0.27	14.4	1	<0.05	<0.1	9.17	31.8	0.03	<1	0.3	2	<10	<2	2013 CMG/CZX program	392149	6361445
2378887	<0.1	0.2	0.18	0.03	30	1.6	0.08	3.4	1.46	<0.1	<0.02	0.07	7.5	0.5	<0.05	<0.1	1.51	8.4	<0.02	<1	<0.1	0.8	<10	<2	2013 CMG/CZX program	392115	6361412
2378888	<0.1	0.3	0.18	0.05	19	1.1	0.05	3.4	1.03	<0.1	<0.02	0.1	7.6	0.6	<0.05	<0.1	1.42	11.8	<0.02	<1	0.1	1.4	<10	<2	2013 CMG/CZX program	392073	6361380
2378889	<0.1	0.4	0.18	0.03	11	1.3	0.05	2.7	1.01	<0.1	<0.02	0.08	5.3	0.4	<0.05	<0.1	2.03	11	<0.02	<1	0.3	1	<10	2	2013 CMG/CZX program	392038	6361346
2378890	<0.1	0.4	0.58	0.08	35	4	0.15	3.7	1.59	<0.1	<0.02	0.07	11.1	0.4	<0.05	<0.1	3.17	17.6	<0.02	<1	0.3	1.5	<10	<2	2013 CMG/CZX program	391998	6361315
2378891	<0.1	0.2	0.32	<0.02	<5	1.6	0.04	2.8	1.35	<0.1	<0.02	0.13	5.9	0.5	<0.05	<0.1	1.77	18.3	<0.02	<1	0.2	0.7	<10	<2	2013 CMG/CZX program	391960	6361281
2378892	<0.1	0.5	0.18	<0.02	6	0.4	0.03	3.1	1.1	<0.1	<0.02	0.03	5.1	0.4	<0.05	<0.1	1.09	19.7	<0.02	1	<0.1	1	<10	<2	2013 CMG/CZX program	391921	6361249
2378893	<0.1	0.3	0.26	0.05	40	4.5	0.11	2.1	1.03	<0.1	<0.02	0.18	10.8	0.4	<0.05	<0.1	2.82	8.3	<0.02	2	0.3	1.1	<10	<2	2013 CMG/CZX program	391885	6361218
2378894	<0.1	0.7	0.27	<0.02	5	0.6	0.03	3.6	1	<0.1	<0.02	0.17	6.1	0.6	<0.05	<0.1	1.85	23.4	<0.02	<1	0.3	1.5	<10	<2	2013 CMG/CZX program	391845	6361185
2378895	<0.1	1	0.34	0.03	<5	1	0.08	3.6	1.06	<0.1	<0.02	0.14	6.3	0.4	<0.05	0.1	1.62	16.9	<0.02	<1	0.2	1.2	<10	<2	2013 CMG/CZX program	391808	6361155
2378896	<0.1	0.7	0.24	0.02	23	0.6	0.04	3.5	1.29	<0.1	<0.02	0.1	8.6	0.5	<0.05	0.4	1.2	7.1	<0.02	<1	0.3	0.9	<10	<2	2013 CMG/CZX program	391768	6361122
2378897	<0.1	0.6	0.21	<0.02	<5	0.3	0.03	2.9	0.82	<0.1	<0.02	0.08	6.3	0.3	<0.05	<0.1	1.44	20.3	<0.02	<1	<0.1	0.8	<10	<2	2013 CMG/CZX program	391732	6361088
2378898	<0.1	0.5	0.14	<0.02	<5	0.3	0.02	2.3	0.57	<0.1	<0.02	0.09	7.2	0.3	<0.05	<0.1	1.14	31.8	<0.02	<1	0.2	2.2	<10	<2	2013 CMG/CZX program	391692	6361055
2379182	<0.1	3.6	0.23	0.06	164	1.9	0.11	1.5	1.32	<0.1	0.07	0.12	15.7	0.3	<0.05	2.6	14.65	20.1	0.04	<1	1.3	17.9	<10	<2	2013 CMG/CZX program	392122	6361940
2379183	<0.1	1.8	0.22	0.02	56	1.4	0.06	1.1	0.63	<0.1	<0.02	0.07	6	0.2	<0.05	0.4	9.63	29.4	0.03	<1	0.6	3.4	<10	<2	2013 CMG/CZX program	392086	6361916
2379184	<0.1	0.5	0.21	0.02	22	0.6	0.03	2.5	0.72	<0.1	<0.02	0.08	7.7	0.3	<0.05	0.3	2.47	23.2	<0.02	<1	0.4	2.9	<10	<2	2013 CMG/CZX program	392045	6361879
2379185	<0.1	0.2	0.18	0.04	25	0.6	0.03	2.6	0.74	<0.1	<0.02	0.06	8.3	0.5	<0.05	<0.1	1.86	16.9	<0.02	<1	0.2	1.6	<10	<2	2013 CMG/CZX program	392006	6361851
2379186	<0.1	0.2	0.32	0.07	36	1.7	0.13	1.8	0.63	<0.1	<0.02	0.08	8.9	0.3	<0.05	<0.1	2.26	10.9	<0.02	<1	0.4	1.6	10	<2	2013 CMG/CZX program	391968	6361818
2379187	<0.1	0.2	0.21	0.03	17	0.5	0.04	2.5	0.79	<0.1	<0.02	0.07	8.2	0.4	<0.05	<0.1	1.73	16.1	<0.02	<1	0.2	1.2	<10	<2	2013 CMG/CZX program	391934	6361783
2379188	<0.1	0.2	0.52	0.09	143	2.3	0.14	1.7	0.94	<0.1	<0.02	0.11	8.7	0.2	<0.05	<0.1	5.17	13.6	0.02	1	0.4	2.5	<10	<2	2013 CMG/CZX program	391892	6361750
2379189	<0.1	0.6	0.37	0.14	68	3	0.09	1.1	0.91	<0.1	<0.02	0.07	7.3	<0.1	<0.05	0.3	3.13	7.6	<0.02	<1	0.2	4.9	<10	<2	2013 CMG/CZX program	391856	6361721
2379190	<0.1	1.6	0.63	0.17	79	4.9	0.16	1.2	1.02	<0.1	<0.02	0.07	11.5	0.2	<0.05	0.6	6.2	12.4	0.03	3	0.4	6.1	<10	2	2013 CMG/CZX program	391813	6361693
2379191	<0.1	0.6	0.18	<0.02	11	<0.1	0.03	2.8	0.79	<0.1	<0.02	0.05	4.7	0.4	<0.05	<0.1	1.09	16.7	<0.02	<1	<0.1	0.5	<10	<2	2013 CMG/CZX program	391779	6361652
2379192	<0.1	0.6	0.26	<0.02	25	0.5	0.05	3.2	1.1	<0.1	<0.02	0.09	5.6	0.4	<0.05	0.2	2.01	12.1	<0.02	<1	<0.1	0.6	<10	<2	2013 CMG/CZX program	391738	6361624
2379193	<0.1	1	0.4	0.05	46	3.1	0.07	3	0.99	<0.1	<0.02	0.37	9.3	0.3	<0.05	0.4	3.96	14.6	0.03	<1	0.4	4.4	<10	<2	2013 CMG/CZX program	391700	6361592
2379225	<0.1	3.2	0.21	0.05	218	1.5	0.05	1.5	1.08	<0.1	0.06	0.12	12.5	0.3	<0.05	1.6	20.06	25.2	0.04	<1	1.4	15.1	<10	<2	2013 CMG/CZX program	391990	6362092
2379226	<0.1	4.6	0.13	<0.02	141	1	0.07	0.6	0.55	<0.1	0.07	0.09	5.5	<0.1	<0.05	2.1	16.43	29.4	<0.02	<1	0.5	3.1	<10	<2	2013 CMG/CZX program	391954	6362068
2379227	<0.1	3.4	0.14	0.06	252	3.8	0.1	0.7	0.71	<0.1	0.07	0.07	5.6	<0.1	<0.05	2.3	22.08	20.7	0.02	1	0.7	2.3	<10	<2	2013 CMG/CZX program	391915	6362035
2379228	<0.1	5.1	0.2	0.04	146	0.6	0.03	0.4	0.8	<0.1	0.04	0.05	4.4	<0.1	<0.05	1.7	18.39	22	0.04	<1	0.5	1.5	<10	<2	2013 CMG/CZX program	391880	6362004
2379229	<0.1	0.3	0.13	<0.02	13	0.1	<0.02	3.6	0.78	<0.1	<0.02	0.11	5.8	0.4	<0.05	0.2	1.06	23.4	<0.02	<1	<0.1	0.9	<10	<2	2013 CMG/CZX program	391846	6361967
2379230	<0.1	0.3	0.22	0.06	14	1.9	0.14	2.1	0.94	<0.1	<0.02	0.03	7.3	0.1	<0.05	<0.1	1.88	9.5	<0.02	<1	0.2	0.9	<10	<2	2013 CMG/CZX program	391802	6361936
2379231	<0.1	0.1	0.47	0.11	22	2.2	0.1	1.6	0.58	<0.1	<0.02	0.06	9.9	0.1	<0.05	<0.1	2.35	9.4	<0.02	<1	0.3	1.8	<10	<2	2013 CMG/CZX program	391764	6361903
2379232	<0.1	0.1	0.4	0.09	43	2.7	0.15	3	1.48	<0.1	<0.02	0.12	11.5	0.4	<0.05	<0.1	2.27	12.3	<0.02	<1	<0.1	0.9	<10	<2	2013 CMG/CZX program	391728	6361875

APPENDIX 5
Analytical Certificates
(Sitka samples are highlighted)

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: August 07, 2013
Report Date: August 27, 2013
Page: 1 of 9

CERTIFICATE OF ANALYSIS VAN13003045.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CZM-Aug 01-13
P.O. Number
Number of Samples: 223

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	223	Dry at 60C			VAN
SS80	223	Dry at 60C sieve 100g to -80 mesh			VAN
1F04	223	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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CERTIFICATE OF ANALYSIS VAN13003045.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				

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CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
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Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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PHONE (604) 253-3158

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																					
1196751	Soil	10.49	20.82	49.66	5242	403	64.2	11.7	571	2.53	11.6	1.6	0.6	0.5	84.7	30.11	2.14	0.13	38	12.32	0.134
1196752	Soil	5.90	15.65	35.37	1568	294	34.8	5.9	704	1.34	4.9	1.5	0.4	0.2	38.1	19.41	1.52	0.09	24	5.25	0.215
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Project: AKIE
Report Date: August 27, 2013

CERTIFICATE OF ANALYSIS VAN13003045.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																					
1196751	Soil	11.3	16.4	0.52	492.3	0.006	<20	0.74	0.006	0.09	0.2	1.4	0.52	0.09	213	1.5	0.04	2.4	0.48	<0.1	0.03
1196752	Soil	6.8	11.0	0.16	563.7	0.002	<20	0.52	0.006	0.07	0.1	0.6	0.25	0.29	174	1.4	0.03	1.6	0.39	<0.1	0.04
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CERTIFICATE OF ANALYSIS VAN13003045.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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1196751	Soil	0.38	6.4	0.4	<0.05	1.1	12.55	22.8	0.03	<1	0.8	9.4	<10	2
1196752	Soil	0.50	4.7	0.2	<0.05	1.0	7.54	12.9	<0.02	1	0.4	5.1	<10	<2
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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
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CERTIFICATE OF ANALYSIS VAN13003045.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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[redacted] 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.

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Project: AKIE
Report Date: August 27, 2013

QUALITY CONTROL REPORT VAN13003045.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																						
1196586	Soil		8.73	14.58	30.41	217.6	477	32.3	7.7	202	1.51	5.6	1.0	0.7	1.0	13.3	1.56	1.67	0.14	64	0.73	0.059
REP 1196586	QC		8.73	14.59	30.40	212.6	471	32.5	7.6	203	1.51	5.7	1.0	0.5	0.9	13.6	1.57	1.66	0.14	65	0.72	0.056
1196591	Soil		2.67	20.99	4.41	213.4	572	36.9	2.0	344	1.37	1.5	1.6	0.6	0.3	300.5	12.16	0.74	0.06	22	25.66	0.084
REP 1196591	QC		2.57	21.24	4.26	212.0	570	37.3	2.0	341	1.35	0.7	1.6	0.4	0.3	285.1	11.89	0.66	0.04	22	24.84	0.078
1196622	Soil		21.43	8.89	23.33	261.3	124	24.4	3.1	95	1.48	8.2	0.7	<0.2	2.1	3.4	1.18	1.29	0.15	72	0.05	0.019
REP 1196622	QC		21.91	9.02	23.96	264.6	131	25.0	3.2	98	1.50	8.4	0.7	<0.2	2.1	3.5	1.19	1.26	0.15	73	0.05	0.019
1196635	Soil		1.78	26.94	13.15	1164	813	93.0	7.6	649	1.03	1.8	4.3	1.2	0.3	73.3	6.19	0.89	0.10	29	4.59	0.146
REP 1196635	QC		1.85	27.27	13.35	1185	846	92.7	7.5	672	1.06	2.1	4.4	1.4	0.3	74.6	6.34	0.93	0.10	31	4.67	0.154
1196671	Soil		0.96	12.90	2.65	204.5	588	33.3	1.1	265	0.29	<0.1	2.2	0.7	0.3	80.3	7.78	0.70	0.02	7	13.34	0.115
REP 1196671	QC		1.06	12.92	2.65	205.8	587	33.8	1.1	269	0.29	<0.1	2.2	0.6	0.3	82.4	7.83	0.69	<0.02	8	13.21	0.118
1196707	Soil		12.75	25.95	19.31	301.6	550	66.7	8.5	239	2.11	8.2	2.1	1.0	2.2	80.2	1.40	1.75	0.15	42	5.17	0.094
REP 1196707	QC		12.09	24.98	18.71	290.3	518	63.6	7.8	227	2.02	7.8	2.1	0.8	2.1	76.6	1.38	1.71	0.14	41	4.94	0.090
1196743	Soil		5.38	26.25	122.2	3506	567	62.6	16.1	1696	1.59	4.7	0.9	0.6	0.2	50.7	46.94	1.53	0.10	20	6.22	0.261
REP 1196743	QC		5.70	27.40	131.6	3729	591	65.4	17.5	1783	1.71	5.0	1.0	0.5	0.3	54.2	50.05	1.60	0.10	21	6.60	0.278
1196779	Soil		5.63	7.31	14.39	70.3	2789	10.0	1.5	28	1.25	3.7	0.4	0.7	2.8	27.6	0.96	0.86	0.20	30	0.07	0.068
REP 1196779	QC		5.76	7.18	14.76	70.9	2769	10.4	1.7	29	1.29	4.0	0.4	<0.2	2.9	28.8	0.93	0.85	0.20	31	0.08	0.070
REP 1196779	QC		5.99	8.09	13.90	75.2	2601	11.0	1.8	32	1.32	3.8	0.4	1.4	2.7	30.7	0.90	0.81	0.18	33	0.08	0.069
Reference Materials																						
STD DS9	Standard		11.88	112.1	134.5	322.4	1888	40.2	7.7	586	2.39	26.2	2.9	112.1	6.7	67.2	2.57	4.54	7.63	40	0.71	0.091
STD DS9	Standard		12.34	113.3	138.5	335.4	1929	40.8	7.8	614	2.54	29.7	3.2	155.5	7.2	72.4	2.68	4.57	7.92	42	0.75	0.093
STD DS9	Standard		13.36	109.8	131.1	325.2	1862	40.1	7.7	593	2.40	26.5	3.0	121.2	7.0	72.2	2.52	4.26	7.42	40	0.75	0.088
STD DS9	Standard		13.43	109.1	128.3	312.9	1713	36.2	6.8	564	2.34	25.0	2.6	109.6	5.9	68.0	2.24	4.57	5.84	39	0.69	0.086
STD DS9	Standard		12.23	113.2	130.2	328.5	1966	39.5	7.9	583	2.39	26.6	2.9	141.4	6.8	67.2	2.56	4.54	7.43	40	0.72	0.090
STD DS9	Standard		11.51	104.9	126.5	314.6	1889	37.9	7.3	566	2.31	25.3	2.7	109.9	6.1	67.1	2.51	4.28	7.13	38	0.69	0.084
STD DS9	Standard		13.76	115.6	140.3	323.0	1748	42.1	7.8	590	2.49	26.8	2.8	115.6	6.8	71.2	2.33	3.88	6.10	43	0.77	0.080
STD DS9	Standard		13.38	116.4	138.2	338.1	1986	42.1	8.0	622	2.47	27.5	3.1	118.6	6.9	79.6	2.59	5.07	6.95	42	0.73	0.088
STD DS9	Standard		13.44	113.6	126.2	333.3	1831	40.0	7.6	602	2.43	27.4	2.7	112.1	6.6	71.9	2.54	4.11	6.96	40	0.74	0.085
STD OREAS45EA	Standard		1.19	624.5	14.59	26.6	249	342.4	47.9	387	21.44	6.2	1.8	51.3	10.5	3.5	0.03	0.15	0.27	301	0.03	0.028

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: August 27, 2013

QUALITY CONTROL REPORT VAN13003045.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1196586	Soil	13.4	8.1	0.16	411.0	0.001	<20	0.56	0.002	0.07	<0.1	2.1	0.22	0.04	43	1.1	0.04	1.5	0.36	<0.1	<0.02
REP 1196586	QC	13.3	8.1	0.16	408.5	0.002	<20	0.55	0.002	0.07	<0.1	2.0	0.22	0.04	49	1.0	0.05	1.5	0.37	<0.1	0.02
1196591	Soil	2.3	7.6	0.54	669.6	0.003	<20	0.24	0.006	0.02	<0.1	1.5	0.17	0.17	180	4.3	0.04	0.6	0.27	<0.1	0.10
REP 1196591	QC	2.1	6.9	0.53	655.5	0.003	<20	0.23	0.007	0.02	<0.1	1.2	0.14	0.17	154	3.7	<0.02	0.5	0.24	<0.1	0.08
1196622	Soil	14.9	7.5	0.05	139.7	0.002	<20	0.28	0.002	0.06	<0.1	0.8	0.24	<0.02	12	0.4	0.08	1.6	0.16	<0.1	0.02
REP 1196622	QC	15.0	7.3	0.05	143.9	0.002	<20	0.28	0.002	0.05	<0.1	0.8	0.24	<0.02	14	0.5	0.08	1.6	0.15	<0.1	<0.02
1196635	Soil	5.6	7.8	0.57	536.4	0.002	<20	0.40	0.005	0.06	<0.1	0.6	0.21	0.16	144	3.8	<0.02	1.1	0.27	<0.1	0.03
REP 1196635	QC	5.7	8.1	0.58	545.6	0.002	<20	0.42	0.006	0.06	<0.1	0.6	0.22	0.16	154	3.9	0.02	1.1	0.27	<0.1	0.04
1196671	Soil	2.3	5.8	0.40	995.5	<0.001	<20	0.17	<0.001	0.03	<0.1	0.5	0.10	0.25	166	6.1	<0.02	0.3	0.16	<0.1	0.06
REP 1196671	QC	2.3	6.1	0.41	989.9	0.001	<20	0.17	<0.001	0.03	<0.1	0.6	0.10	0.25	162	6.0	<0.02	0.3	0.16	<0.1	0.04
1196707	Soil	11.9	15.6	0.86	285.2	0.002	<20	0.79	0.002	0.11	<0.1	3.0	0.48	0.05	139	1.1	0.05	2.1	0.33	<0.1	0.08
REP 1196707	QC	12.0	14.9	0.83	279.6	0.002	<20	0.78	0.002	0.11	<0.1	2.8	0.47	0.05	124	1.2	0.04	2.0	0.35	<0.1	0.07
1196743	Soil	7.9	9.2	0.17	1013	0.002	<20	0.56	0.002	0.08	<0.1	0.5	0.30	0.26	289	1.7	0.04	1.7	0.44	<0.1	0.03
REP 1196743	QC	8.3	9.5	0.18	1045	0.002	<20	0.58	0.003	0.08	<0.1	0.6	0.30	0.27	309	1.7	0.02	1.7	0.44	<0.1	0.04
1196779	Soil	13.5	8.0	0.08	338.8	0.005	<20	0.38	0.001	0.08	<0.1	0.8	0.24	0.05	20	1.9	0.05	1.8	0.39	<0.1	<0.02
REP 1196779	QC	13.8	8.2	0.08	336.6	0.005	<20	0.39	0.002	0.09	<0.1	0.8	0.26	0.05	20	1.9	0.06	1.8	0.38	<0.1	<0.02
REP 1196779	QC	12.6	7.0	0.08	305.4	0.005	<20	0.41	0.004	0.09	<0.1	0.7	0.21	0.06	15	1.8	0.03	1.6	0.31	<0.1	<0.02
Reference Materials																					
STD DS9	Standard	12.2	114.5	0.64	335.6	0.098	<20	0.95	0.078	0.40	2.7	2.4	5.63	0.17	234	5.6	5.25	4.8	2.68	<0.1	0.07
STD DS9	Standard	13.5	120.3	0.66	344.5	0.104	<20	1.00	0.085	0.41	3.2	2.6	5.89	0.17	207	6.1	5.61	5.1	2.74	0.1	0.07
STD DS9	Standard	13.7	117.8	0.65	334.8	0.106	<20	1.00	0.087	0.41	3.2	2.5	5.63	0.17	218	5.7	5.64	5.1	2.63	0.1	0.08
STD DS9	Standard	12.6	112.7	0.61	310.7	0.104	<20	0.93	0.086	0.39	2.6	2.4	4.87	0.17	193	5.7	5.16	4.4	2.41	<0.1	0.06
STD DS9	Standard	12.0	118.9	0.64	329.4	0.099	<20	0.96	0.078	0.40	2.7	2.4	5.69	0.17	203	5.7	5.54	4.7	2.63	<0.1	0.07
STD DS9	Standard	11.8	110.1	0.62	288.5	0.095	<20	0.92	0.080	0.39	2.7	2.3	5.57	0.16	181	5.6	5.13	4.7	2.51	<0.1	0.07
STD DS9	Standard	14.1	113.7	0.67	330.4	0.109	<20	1.01	0.088	0.42	3.0	2.8	5.90	0.18	198	6.1	5.18	4.5	2.54	<0.1	0.08
STD DS9	Standard	13.4	122.4	0.65	348.0	0.116	<20	0.96	0.084	0.41	2.6	2.3	5.85	0.18	220	5.7	5.55	4.8	2.54	<0.1	0.06
STD DS9	Standard	13.4	118.6	0.64	347.9	0.106	<20	1.00	0.089	0.43	3.5	2.6	5.74	0.17	238	5.7	5.31	4.7	2.53	0.1	0.07
STD OREAS45EA	Standard	6.5	776.1	0.09	147.4	0.077	<20	2.80	0.016	0.05	<0.1	68.1	0.06	0.02	10	0.3	0.06	11.8	0.61	0.2	0.60

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Project: AKIE
Report Date: August 27, 2013

QUALITY CONTROL REPORT VAN13003045.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
1196586	Soil	0.28	6.6	0.2	<0.05	0.9	9.36	26.2	0.03	<1	0.7	4.8	<10	<2
REP 1196586	QC	0.25	6.7	0.3	<0.05	0.8	9.33	26.3	0.02	<1	0.6	4.8	<10	<2
1196591	Soil	0.23	2.7	<0.1	<0.05	2.9	5.31	4.6	<0.02	4	0.2	1.9	31	3
REP 1196591	QC	0.23	2.3	<0.1	<0.05	3.0	4.85	4.1	<0.02	<1	0.4	1.7	<10	2
1196622	Soil	0.26	4.8	0.3	<0.05	1.0	1.16	26.5	<0.02	<1	<0.1	2.4	<10	<2
REP 1196622	QC	0.26	4.8	0.3	<0.05	1.0	1.17	26.2	<0.02	<1	0.2	2.5	<10	<2
1196635	Soil	0.22	8.2	0.2	<0.05	1.3	6.72	11.6	<0.02	6	0.5	3.8	<10	<2
REP 1196635	QC	0.22	8.5	0.2	<0.05	1.4	6.86	11.8	<0.02	7	0.5	3.9	<10	3
1196671	Soil	0.07	2.5	<0.1	<0.05	1.7	4.26	3.7	<0.02	14	0.2	1.0	<10	<2
REP 1196671	QC	0.07	2.5	<0.1	<0.05	1.8	4.42	3.9	<0.02	13	0.2	1.0	<10	<2
1196707	Soil	0.23	7.8	0.2	<0.05	3.2	14.69	25.1	0.03	1	0.5	11.5	<10	<2
REP 1196707	QC	0.24	7.9	0.2	<0.05	2.8	13.91	25.3	0.03	2	0.5	11.4	<10	<2
1196743	Soil	0.29	8.4	0.2	<0.05	0.9	14.85	15.1	<0.02	<1	0.6	5.4	<10	<2
REP 1196743	QC	0.32	8.2	0.2	<0.05	0.9	15.97	16.1	<0.02	<1	0.7	5.6	<10	<2
1196779	Soil	0.36	6.9	0.8	<0.05	0.3	1.90	22.7	<0.02	<1	0.1	3.6	<10	2
REP 1196779	QC	0.42	7.3	0.8	<0.05	0.3	1.95	23.6	<0.02	<1	0.2	3.7	<10	<2
REP 1196779	QC	0.37	7.2	0.7	<0.05	0.3	2.02	20.8	<0.02	<1	0.1	3.5	<10	<2
Reference Materials														
STD DS9	Standard	0.89	36.1	6.7	<0.05	1.7	5.41	24.5	2.42	58	5.8	27.8	138	374
STD DS9	Standard	0.89	37.9	6.8	<0.05	1.8	5.89	26.9	2.52	68	6.3	28.9	131	392
STD DS9	Standard	0.95	36.3	6.6	<0.05	1.7	6.10	28.1	2.42	61	6.0	27.6	132	372
STD DS9	Standard	0.93	31.8	6.5	<0.05	1.7	5.68	23.7	2.22	69	5.0	24.5	105	353
STD DS9	Standard	0.82	36.7	6.7	<0.05	1.7	5.44	24.8	2.42	62	6.3	27.8	128	382
STD DS9	Standard	0.93	34.7	6.3	<0.05	1.5	5.47	24.1	2.25	58	5.7	27.1	126	349
STD DS9	Standard	0.82	35.0	6.4	<0.05	1.8	5.54	27.8	2.17	60	5.4	25.4	124	380
STD DS9	Standard	0.86	37.1	7.4	<0.05	1.7	5.79	25.1	2.45	71	5.6	26.6	107	401
STD DS9	Standard	0.96	35.9	7.1	<0.05	1.7	6.01	25.8	2.38	68	5.5	27.3	135	396
STD OREAS45EA	Standard	0.06	7.2	0.8	<0.05	21.2	5.22	18.4	0.09	<1	0.4	2.3	79	106

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QUALITY CONTROL REPORT VAN13003045.1

		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
STD OREAS45EA	Standard	1.44	721.2	16.05	30.4	281	392.2	51.7	407	23.75	8.8	2.0	59.8	11.4	3.8	0.02	0.14	0.28	337	0.04	0.031
STD OREAS45EA	Standard	1.52	773.3	16.36	32.0	294	330.9	56.4	443	25.72	10.0	2.1	64.0	12.0	4.0	0.03	0.13	0.29	339	0.04	0.031
STD OREAS45EA	Standard	1.40	704.9	14.30	30.2	286	380.9	52.0	416	24.72	9.3	1.8	71.5	10.3	3.8	0.03	0.18	0.25	298	0.03	0.027
STD OREAS45EA	Standard	1.27	737.7	14.15	27.6	238	408.9	49.4	388	23.56	8.8	1.7	58.8	10.0	3.6	0.03	0.14	0.25	319	0.03	0.029
STD OREAS45EA	Standard	1.31	685.0	15.27	29.0	261	375.1	53.4	396	23.16	7.5	1.9	56.3	11.0	3.7	0.03	0.14	0.26	328	0.04	0.029
STD OREAS45EA	Standard	1.33	680.5	15.38	29.0	266	378.2	49.8	395	22.86	7.9	2.0	59.3	11.1	3.7	0.02	0.16	0.27	300	0.04	0.030
STD OREAS45EA	Standard	1.30	747.4	15.53	28.7	296	396.0	54.0	425	24.65	8.0	1.8	56.1	10.6	3.8	0.01	0.13	0.22	315	0.04	0.030
STD OREAS45EA	Standard	1.48	705.9	16.60	30.6	344	375.4	51.9	426	24.98	10.0	2.1	68.5	12.3	4.4	0.04	0.26	0.51	301	0.04	0.029
STD OREAS45EA	Standard	1.35	704.2	14.18	29.0	272	390.0	51.2	398	23.74	8.9	1.8	52.1	10.4	3.6	0.03	0.10	0.29	307	0.04	0.029
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected		1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032	0.029
BLK	Blank	<0.01	0.11	<0.01	0.5	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.04	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.01	0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.04	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.09	0.03	<0.1	9	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.04	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: AKIE
Report Date: August 27, 2013

QUALITY CONTROL REPORT VAN13003045.1

		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	7.1	860.0	0.10	159.4	0.086	<20	3.19	0.017	0.05	<0.1	80.0	0.06	0.03	11	0.6	0.09	13.7	0.70	0.2	0.68
STD OREAS45EA	Standard	7.6	919.6	0.11	160.9	0.094	<20	3.53	0.020	0.06	<0.1	82.4	0.07	0.03	13	0.7	0.09	12.8	0.78	0.3	0.74
STD OREAS45EA	Standard	6.5	807.1	0.09	137.2	0.085	<20	3.15	0.022	0.05	<0.1	80.1	<0.02	0.04	11	0.6	<0.02	12.4	0.65	0.2	0.66
STD OREAS45EA	Standard	6.5	786.6	0.10	145.9	0.084	<20	2.51	0.015	0.06	<0.1	75.4	0.06	0.03	8	0.6	0.07	12.6	0.69	0.2	0.69
STD OREAS45EA	Standard	6.9	825.1	0.10	151.6	0.086	<20	3.09	0.016	0.05	<0.1	74.0	0.06	0.03	12	0.4	0.07	12.9	0.67	0.2	0.69
STD OREAS45EA	Standard	6.9	822.1	0.10	156.6	0.084	<20	3.09	0.020	0.05	<0.1	75.9	0.06	0.03	9	0.3	0.05	13.2	0.67	0.2	0.65
STD OREAS45EA	Standard	7.0	808.6	0.09	144.8	0.086	<20	3.32	0.026	0.06	<0.1	78.3	<0.02	0.04	7	0.2	0.04	11.9	0.61	0.2	0.66
STD OREAS45EA	Standard	7.6	794.6	0.11	163.6	0.102	<20	3.11	0.023	0.05	<0.1	83.1	<0.02	0.04	16	0.7	0.07	13.4	0.69	0.3	0.60
STD OREAS45EA	Standard	6.9	875.9	0.10	156.0	0.085	<20	3.20	0.015	0.05	<0.1	78.3	0.06	0.04	16	0.6	0.05	12.6	0.66	0.3	0.58
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected		8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77	0.26	0.82
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	7	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	9	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT VAN13003045.1

		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
STD OREAS45EA	Standard	0.05	8.0	0.9	<0.05	23.5	5.65	19.9	0.10	<1	0.4	2.7	77	111
STD OREAS45EA	Standard	0.07	9.0	1.0	<0.05	24.9	6.15	21.8	0.10	<1	0.5	2.7	72	119
STD OREAS45EA	Standard	0.07	7.1	0.9	<0.05	21.6	5.44	17.2	0.10	<1	0.5	2.3	88	119
STD OREAS45EA	Standard	0.06	7.5	0.8	<0.05	22.7	5.22	18.1	0.08	<1	0.4	2.6	62	101
STD OREAS45EA	Standard	0.07	7.6	0.9	<0.05	22.6	5.51	19.4	0.10	<1	0.4	2.5	65	113
STD OREAS45EA	Standard	0.05	7.6	0.9	<0.05	22.1	5.58	18.9	0.10	<1	0.4	2.5	72	105
STD OREAS45EA	Standard	0.05	7.4	0.7	<0.05	21.0	5.28	18.0	0.07	<1	0.4	2.4	101	122
STD OREAS45EA	Standard	0.07	8.0	0.9	<0.05	21.1	5.97	19.1	0.07	<1	0.3	2.5	63	120
STD OREAS45EA	Standard	0.05	7.4	0.9	<0.05	20.0	5.39	18.1	0.07	<1	0.4	2.6	65	112
STD DS9 Expected		0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.1	<0.02	<1	<0.1	<0.1	<10	2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: August 20, 2013
Report Date: September 10, 2013
Page: 1 of 11

CERTIFICATE OF ANALYSIS VAN13003264.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID:
P.O. Number
Number of Samples: 290

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	289	Dry at 60C			VAN
SS80	289	Dry at 60C sieve 100g to -80 mesh			VAN
1F04	289	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																						
2378419	Soil		29.65	10.91	27.40	88.6	4390	12.8	1.6	33	3.38	64.8	1.6	1.7	0.7	33.6	0.61	9.03	0.28	100	0.18	0.384
[redacted]																						

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				
2378419	Soil	2.2	11.9	0.03	201.3	0.002	<20	0.34	0.001	0.07	<0.1	0.6	0.72	0.11	139	7.9	0.14	1.9	2.21	<0.1	<0.02
[redacted]																				

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Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													
2378419	Soil	0.08	8.3	0.5	<0.05	0.3	3.84	4.6	0.02	2	0.3	1.6	<10	2
[redacted]													

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																						
2378501	Soil		10.35	28.17	29.71	228.1	1023	48.4	6.6	81	2.48	14.4	2.1	1.1	1.8	25.8	3.75	1.81	0.21	66	0.93	0.062
2378502	Soil		12.85	23.82	28.65	198.3	548	44.9	6.3	81	2.20	14.2	1.7	1.8	4.9	24.6	0.88	2.81	0.19	42	0.20	0.090
2378503	Soil		11.41	25.81	67.74	219.3	802	74.1	14.0	405	3.66	10.2	1.4	0.4	4.3	18.0	2.72	1.03	0.13	67	0.81	0.031
2378504	Soil		8.94	12.13	37.39	158.0	451	58.4	8.4	567	1.96	7.2	0.8	<0.2	0.8	44.9	2.19	0.86	0.14	74	5.35	0.067
2378505	Soil		4.82	16.75	14.50	184.1	488	42.5	9.1	331	1.89	5.2	0.9	0.4	4.9	131.9	1.70	1.26	0.11	23	5.53	0.118
2378506	Soil		17.83	58.81	23.46	853.7	2231	180.8	16.4	317	2.67	15.9	3.5	1.6	3.7	66.2	11.81	5.13	0.17	45	1.24	0.145
2378507	Soil		27.51	40.61	10.96	396.7	1376	158.8	3.9	46	1.47	13.0	11.9	2.4	0.9	82.5	6.26	3.41	0.15	52	0.91	0.074
[redacted]																						

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.

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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2378501	Soil	8.5	12.0	0.12	567.4	0.001	<20	0.88	<0.001	0.05	<0.1	1.7	0.44	0.04	74	1.8	0.08	2.2	0.81	<0.1	0.03
2378502	Soil	22.5	12.8	0.34	223.8	0.002	<20	0.72	0.001	0.07	<0.1	1.4	0.33	0.03	59	1.2	0.04	1.8	0.58	<0.1	<0.02
2378503	Soil	15.3	26.7	0.44	805.1	0.001	<20	1.27	<0.001	0.05	<0.1	5.0	0.32	0.03	71	0.9	0.05	2.4	0.55	<0.1	0.03
2378504	Soil	9.9	17.0	0.58	1765	0.003	<20	1.22	<0.001	0.08	0.1	1.8	0.31	0.07	86	0.4	0.04	2.6	0.55	<0.1	0.03
2378505	Soil	15.7	12.4	0.92	370.2	0.002	<20	0.82	0.002	0.06	<0.1	2.8	0.15	0.03	76	0.5	<0.02	1.9	0.39	<0.1	0.04
2378506	Soil	13.3	15.5	0.42	216.1	0.002	<20	0.59	0.001	0.10	<0.1	3.8	0.55	0.07	225	3.5	0.08	1.2	0.91	<0.1	0.04
2378507	Soil	5.4	7.5	0.17	223.3	0.001	<20	0.50	<0.001	0.04	<0.1	1.1	0.98	0.08	213	3.2	0.05	1.2	0.85	<0.1	0.04
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]														
2378501	Soil	0.33	8.6	0.3	<0.05	0.9	5.66	15.1	0.03	<1	0.5	14.7	<10	<2
2378502	Soil	0.17	6.0	0.2	<0.05	0.7	5.84	42.8	0.02	2	0.4	12.1	<10	<2
2378503	Soil	0.25	6.6	0.3	<0.05	1.6	8.36	42.5	0.05	1	0.8	14.4	11	<2
2378504	Soil	0.62	8.6	0.4	<0.05	0.8	7.91	21.5	0.02	<1	1.0	22.3	<10	<2
2378505	Soil	0.07	3.6	0.1	<0.05	1.7	10.33	34.5	0.02	1	0.4	12.4	<10	<2
2378506	Soil	0.11	7.2	0.2	<0.05	1.9	13.22	26.8	0.02	6	0.6	10.2	<10	<2
2378507	Soil	0.20	6.2	0.2	<0.05	1.1	6.07	9.0	<0.02	10	0.4	11.2	<10	2
[redacted]														

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CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																					
2378536	Soil	34.81	17.76	25.91	240.0	771	25.1	3.2	60	2.92	37.2	1.1	1.7	1.0	33.3	3.69	9.22	0.25	89	0.02	0.120
2378537	Soil	3.97	6.62	6.97	38.7	470	5.0	0.7	9	0.49	2.2	0.4	1.6	0.8	6.2	1.13	1.13	0.08	33	0.02	0.024
2378538	Soil	28.05	18.57	21.02	126.7	4162	27.9	4.3	53	2.24	19.2	1.6	3.0	3.2	82.5	1.16	11.49	0.24	52	0.37	0.089
2378539	Soil	9.73	16.37	19.15	168.9	649	32.9	4.5	112	2.34	11.7	1.0	2.4	2.2	14.1	0.92	2.13	0.17	47	0.12	0.164
2378540	Soil	9.73	23.40	12.74	696.6	1425	118.9	22.9	485	2.61	11.9	1.5	3.1	1.6	25.2	8.00	2.14	0.14	40	0.55	0.096
2378541	Soil	12.01	15.27	24.04	108.4	1981	15.9	2.4	22	1.19	10.4	0.4	1.6	1.2	15.7	0.35	1.69	0.18	59	0.02	0.041

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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2378536	Soil	16.9	8.7	0.04	363.7	0.011	<20	0.35	0.003	0.08	<0.1	0.9	0.72	0.09	24	3.6	0.20	3.6	0.79	<0.1	<0.02
2378537	Soil	18.6	5.5	0.02	952.8	0.003	<20	0.48	0.001	0.04	<0.1	0.6	0.22	0.03	10	0.5	<0.02	2.8	0.61	<0.1	<0.02
2378538	Soil	12.0	6.9	0.10	1978	<0.001	<20	0.49	0.004	0.15	<0.1	1.4	1.25	0.30	180	7.0	0.17	1.2	0.86	<0.1	<0.02
2378539	Soil	15.1	12.3	0.30	284.8	0.002	<20	0.76	<0.001	0.09	<0.1	1.6	0.32	0.03	59	1.4	0.03	2.4	0.54	<0.1	<0.02
2378540	Soil	12.1	9.3	0.13	195.8	0.002	<20	0.47	<0.001	0.06	<0.1	2.0	0.35	0.04	114	2.0	0.06	1.6	0.60	<0.1	0.04
2378541	Soil	10.5	5.5	0.03	98.5	0.002	<20	0.32	<0.001	0.04	<0.1	0.9	0.42	0.04	12	2.1	0.07	4.9	1.27	<0.1	<0.02

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Project: AKIE
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CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]														
2378536	Soil	0.71	13.8	0.8	<0.05	0.3	2.72	31.7	0.02	1	0.2	1.9	<10	2
2378537	Soil	0.16	5.6	0.6	<0.05	<0.1	1.58	33.9	<0.02	<1	0.2	1.0	<10	<2
2378538	Soil	0.14	10.2	0.4	<0.05	0.5	5.07	22.8	0.03	6	0.3	5.9	<10	3
2378539	Soil	0.26	7.4	0.3	<0.05	0.4	5.69	31.0	0.02	1	0.3	11.3	<10	3
2378540	Soil	0.12	5.7	0.4	<0.05	0.7	8.86	23.7	<0.02	3	0.4	5.9	<10	<2
2378541	Soil	0.13	7.6	0.5	<0.05	<0.1	1.97	19.8	0.02	1	0.1	1.1	<10	<2

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2378542	Soil		11.99	17.33	21.20	130.4	3152	25.6	3.2	68	3.00	15.0	0.7	2.1	2.3	35.2	1.21	1.70	0.26	76	0.02	0.160
2378543	Soil		7.33	11.30	23.17	97.6	771	13.8	2.6	29	1.50	10.4	0.4	1.3	1.7	17.8	0.49	1.21	0.25	47	0.02	0.080
2378544	Soil		8.02	12.59	24.06	97.3	2572	12.9	2.3	23	1.41	11.0	0.4	1.8	2.5	24.4	0.66	1.52	0.27	44	0.01	0.058
2378545	Soil		6.24	10.38	7.35	79.3	4511	11.7	2.1	21	1.07	5.4	0.4	1.4	0.7	7.7	0.49	0.73	0.11	45	0.01	0.058
2378546	Soil		2.94	4.28	4.94	41.5	1129	4.7	0.9	9	0.47	2.1	0.1	0.8	0.7	5.5	0.71	0.35	0.05	24	0.01	0.016
2378547	Soil		6.50	9.35	13.39	105.7	2292	14.6	2.3	16	1.14	6.6	0.3	1.2	1.0	20.3	0.41	0.90	0.16	29	0.02	0.061
2378548	Soil		6.74	8.39	11.69	60.4	564	8.6	1.4	12	0.74	4.9	0.3	1.7	1.2	13.4	0.53	0.81	0.13	36	0.02	0.028
2378549	Soil		11.39	19.85	19.86	186.7	1662	35.2	4.8	58	3.29	19.5	1.3	2.7	3.0	26.8	1.21	2.58	0.23	51	0.09	0.198
2378550	Soil		9.53	16.65	17.34	155.6	1466	26.1	3.8	54	2.55	13.6	0.8	1.4	3.0	21.4	1.97	2.05	0.21	49	0.07	0.137
2378551	Soil		12.93	22.43	16.75	150.1	2123	38.8	4.3	43	2.68	17.5	1.2	2.7	1.8	21.6	0.66	2.61	0.23	71	0.11	0.190
2378552	Soil		17.87	40.01	17.72	260.1	1829	70.6	9.4	283	2.25	15.3	1.7	2.8	2.0	28.3	2.64	3.69	0.21	62	0.70	0.129
2378553	Soil		29.79	13.38	16.50	58.7	2323	12.6	1.8	14	1.13	14.0	0.9	2.0	0.5	23.4	0.86	2.12	0.21	58	0.13	0.080

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2378542	Soil		6.8	11.1	0.04	340.3	0.002	<20	0.58	0.003	0.06	<0.1	1.6	0.35	0.09	36	2.7	0.13	3.1	1.01	<0.1	0.02
2378543	Soil		10.5	5.3	0.04	98.7	0.002	<20	0.45	<0.001	0.05	<0.1	1.0	0.32	0.04	10	1.5	0.04	3.2	0.82	<0.1	<0.02
2378544	Soil		9.7	5.1	0.04	163.9	0.003	<20	0.38	0.002	0.06	<0.1	1.1	0.32	0.06	24	1.7	0.12	2.8	0.76	<0.1	<0.02
2378545	Soil		6.8	5.4	0.02	78.3	<0.001	<20	0.43	<0.001	0.04	<0.1	0.7	0.18	<0.02	19	0.9	0.05	2.9	0.68	<0.1	<0.02
2378546	Soil		7.6	3.2	0.01	97.7	<0.001	<20	0.26	<0.001	0.03	<0.1	0.6	0.13	<0.02	<5	0.4	<0.02	2.9	0.80	<0.1	<0.02
2378547	Soil		6.5	4.2	0.02	118.0	0.001	<20	0.34	<0.001	0.05	<0.1	0.8	0.19	0.04	12	2.3	0.04	2.1	0.70	<0.1	<0.02
2378548	Soil		10.1	4.9	0.02	111.0	0.002	<20	0.40	<0.001	0.04	<0.1	0.7	0.27	0.03	12	1.3	0.04	2.6	0.85	<0.1	<0.02
2378549	Soil		8.5	12.5	0.22	139.7	0.002	<20	0.74	<0.001	0.08	<0.1	1.3	0.45	0.06	39	3.1	0.19	2.2	0.77	<0.1	<0.02
2378550	Soil		9.7	9.0	0.15	174.5	0.004	<20	0.54	<0.001	0.07	<0.1	1.2	0.32	0.04	22	2.4	0.04	2.6	0.59	<0.1	<0.02
2378551	Soil		9.5	12.8	0.08	199.2	0.002	<20	0.52	<0.001	0.07	<0.1	1.3	0.37	0.06	90	2.5	0.04	1.8	0.72	<0.1	<0.02
2378552	Soil		16.3	12.1	0.17	162.3	0.002	<20	0.50	0.001	0.10	0.1	3.4	0.54	0.06	172	3.0	0.02	1.1	0.62	<0.1	0.05
2378553	Soil		4.4	7.0	0.02	141.1	<0.001	<20	0.36	0.001	0.06	<0.1	0.5	0.62	0.06	47	1.2	0.11	1.8	1.23	<0.1	<0.02

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
2378542	Soil	0.41	7.8	0.6	<0.05	0.4	2.10	13.7	<0.02	3	0.2	1.9	<10	<2
2378543	Soil	0.33	8.0	0.5	<0.05	0.2	1.78	20.5	0.03	<1	0.2	1.9	<10	2
2378544	Soil	0.49	10.2	0.4	<0.05	0.5	1.69	20.3	0.02	1	0.1	1.6	<10	<2
2378545	Soil	0.05	4.7	0.5	<0.05	0.2	1.50	13.9	<0.02	<1	0.2	0.9	<10	<2
2378546	Soil	0.04	5.1	0.3	<0.05	<0.1	0.74	14.4	<0.02	<1	<0.1	0.4	<10	3
2378547	Soil	0.14	7.5	0.4	<0.05	0.2	1.39	13.0	<0.02	<1	0.1	1.0	<10	<2
2378548	Soil	0.26	4.9	0.6	<0.05	<0.1	1.30	20.0	<0.02	<1	0.1	1.0	<10	3
2378549	Soil	0.40	8.3	0.3	<0.05	1.0	4.19	17.4	0.04	3	0.5	15.1	<10	4
2378550	Soil	0.58	9.4	0.6	<0.05	1.1	3.57	20.1	0.05	<1	0.5	7.6	<10	<2
2378551	Soil	0.33	9.2	0.3	<0.05	0.4	4.44	20.2	0.02	<1	0.4	8.5	<10	5
2378552	Soil	0.16	6.6	0.2	<0.05	1.6	18.35	31.3	0.03	<1	0.6	7.6	<10	<2
2378553	Soil	0.13	7.9	0.4	<0.05	0.3	1.48	8.1	<0.02	<1	0.3	0.8	<10	<2
[redacted]														

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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																						
2378600	Soil		10.96	40.30	18.81	166.8	1421	77.8	9.1	189	2.19	12.3	1.7	2.2	3.6	34.5	1.14	2.65	0.20	61	0.86	0.101
2378601	Soil		8.80	33.06	18.88	152.1	818	59.8	10.1	252	2.06	9.1	1.2	1.2	3.7	67.9	1.46	2.32	0.17	47	2.59	0.099

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	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																					
2378600	Soil	22.5	16.2	0.53	174.6	0.003	<20	0.89	<0.001	0.17	<0.1	4.3	0.47	0.04	240	1.2	0.06	1.9	0.84	<0.1	0.04
2378601	Soil	16.7	13.7	0.73	186.9	0.003	<20	0.81	<0.001	0.16	<0.1	3.2	0.34	0.03	125	1.0	0.04	1.8	0.72	<0.1	0.04

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Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]														
2378600	Soil	0.24	9.9	0.3	<0.05	1.9	22.70	39.6	0.03	<1	0.8	20.2	<10	3
2378601	Soil	0.16	7.8	0.3	<0.05	1.6	12.69	32.6	<0.02	<1	0.6	16.5	<10	3

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2378602	Soil		14.42	43.89	20.97	198.6	1273	82.0	9.7	199	2.17	14.1	1.8	1.8	5.0	56.0	1.66	3.84	0.22	59	2.21	0.137
2378603	Soil		14.16	16.52	21.47	82.6	1036	15.7	2.0	13	1.10	8.6	0.9	3.9	1.1	20.6	0.47	1.76	0.20	38	0.04	0.045

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2378602	Soil		16.4	13.0	0.61	173.1	0.005	<20	0.65	0.002	0.16	<0.1	3.9	0.58	0.04	234	1.9	0.06	1.5	0.96	<0.1	0.06
2378603	Soil		9.1	5.3	0.02	116.3	0.001	<20	0.23	0.002	0.07	<0.1	0.7	0.39	<0.02	24	1.7	0.13	1.2	0.87	<0.1	<0.02

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Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
2378602	Soil	0.19	6.8	0.4	<0.05	3.2	15.67	31.6	0.02	2	0.7	10.0	<10	3
2378603	Soil	0.08	8.2	0.3	<0.05	0.1	1.99	16.8	0.03	<1	<0.1	1.2	<10	2
[redacted]														

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001

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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																						
2378235	Soil		9.66	37.68	27.50	282.2	1411	67.4	10.4	432	2.26	12.0	2.9	3.1	2.2	38.4	4.64	2.93	0.20	42	1.08	0.103
2378236	Soil		9.30	18.96	18.94	240.1	602	43.9	9.3	217	3.06	12.5	1.1	1.7	3.0	25.2	1.28	1.27	0.16	48	0.48	0.148
[redacted]																						

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2378235	Soil		10.6	14.4	0.27	286.4	0.002	<20	0.71	0.002	0.08	<0.1	3.3	0.30	0.05	218	1.7	0.06	1.9	0.53	<0.1	0.05
2378236	Soil		10.1	17.8	0.34	202.7	0.002	<20	0.94	0.001	0.07	<0.1	1.9	0.26	0.03	44	1.4	0.05	2.7	0.51	<0.1	<0.02

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method			1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte			Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL			0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]															
2378235	Soil		0.44	5.4	0.3	<0.05	2.3	12.25	21.0	0.02	1	0.3	9.9	<10	<2
2378236	Soil		0.46	6.5	0.3	<0.05	0.7	4.15	21.4	0.03	<1	0.5	19.9	<10	<2
[redacted]															

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CERTIFICATE OF ANALYSIS VAN13003264.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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Project: AKIE
Report Date: September 10, 2013

CERTIFICATE OF ANALYSIS VAN13003264.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Project: AKIE
Report Date: September 10, 2013

QUALITY CONTROL REPORT VAN13003264.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2378425	Soil	21.25	34.30	23.09	139.7	711	23.2	3.2	16	2.29	27.9	0.9	0.7	2.2	10.1	0.43	1.53	0.26	82	0.01	0.097
REP 2378425	QC	20.83	33.60	23.07	134.4	781	23.7	3.2	17	2.29	27.0	0.9	0.8	2.1	9.3	0.45	1.63	0.26	82	0.01	0.094
2378461	Soil	5.52	23.64	17.50	144.7	3438	31.4	4.9	29	2.88	15.7	0.6	1.4	1.9	44.2	0.70	1.40	0.28	26	0.02	0.068
REP 2378461	QC	5.92	23.39	19.14	151.5	3606	32.0	5.0	31	2.93	16.3	0.6	3.3	1.9	45.8	0.68	1.39	0.28	27	0.02	0.065
2378518	Soil	14.76	16.99	14.61	86.2	1279	16.9	2.3	28	1.40	11.7	1.2	1.0	1.5	20.3	0.63	2.05	0.18	75	0.02	0.083
REP 2378518	QC	14.28	16.01	14.08	87.8	1261	16.3	1.9	26	1.36	11.6	1.1	<0.2	1.3	19.7	0.57	2.01	0.18	73	0.03	0.073
2378555	Soil	6.50	15.94	17.71	108.5	831	20.8	3.7	22	1.33	6.2	0.4	1.2	0.9	13.6	0.56	1.20	0.22	38	0.05	0.059
REP 2378555	QC	6.79	16.85	17.02	119.0	904	21.4	3.8	22	1.34	6.2	0.4	1.4	0.9	14.1	0.58	1.14	0.22	38	0.05	0.057
2378591	Soil	29.85	20.22	25.43	107.5	6366	23.4	2.6	24	3.63	32.7	1.6	1.8	4.6	54.2	0.90	4.77	0.28	119	0.03	0.331
REP 2378591	QC	28.65	18.82	23.47	99.7	6224	21.8	2.6	22	3.52	30.4	1.5	1.5	4.3	53.1	0.92	4.65	0.26	118	0.03	0.316
2378627	Soil	28.38	26.02	22.69	123.9	3576	23.9	2.7	22	2.61	26.1	1.2	1.4	3.4	70.2	0.78	5.04	0.24	68	0.03	0.119
REP 2378627	QC	30.19	27.07	24.13	131.4	3813	23.6	2.8	23	2.64	27.5	1.4	1.7	3.5	74.0	0.81	5.54	0.25	68	0.03	0.130
2378663	Soil	13.66	10.25	17.52	40.2	544	5.4	0.6	9	1.55	15.9	0.5	2.0	2.1	16.9	0.11	1.83	0.18	55	0.02	0.060
REP 2378663	QC	13.02	10.47	16.54	42.1	504	5.6	0.7	9	1.56	15.8	0.4	2.3	2.0	16.8	0.07	1.82	0.18	55	0.02	0.061
1195354	Soil	11.43	8.53	8.20	86.4	458	11.2	1.4	11	0.63	5.4	0.3	1.0	1.3	7.2	0.42	1.18	0.10	61	0.01	0.023
REP 1195354	QC	11.20	7.86	8.39	79.6	462	10.5	1.3	11	0.63	4.8	0.3	3.8	1.4	7.2	0.41	1.14	0.09	61	0.01	0.024
1195366	Soil	4.76	19.46	14.69	231.1	572	39.9	12.9	448	1.72	6.0	1.2	<0.2	3.5	251.5	2.74	1.68	0.11	22	9.18	0.088
REP 1195366	QC	4.89	19.47	15.16	235.0	586	43.0	12.7	453	1.73	6.0	1.2	<0.2	3.4	249.0	2.56	1.74	0.10	21	9.27	0.089
Reference Materials																					
STD DS9	Standard	14.08	115.7	134.3	323.2	1801	41.6	7.8	541	2.21	25.5	2.5	113.1	6.0	66.7	2.48	4.82	7.57	37	0.66	0.078
STD DS9	Standard	13.95	115.5	132.3	303.1	1734	42.1	8.0	563	2.27	24.9	2.8	100.6	6.3	61.5	2.43	4.49	7.09	38	0.67	0.075
STD DS9	Standard	14.69	118.5	138.8	289.2	1786	42.2	8.1	549	2.31	24.9	2.8	110.0	6.2	61.2	2.42	4.96	7.42	39	0.68	0.074
STD DS9	Standard	13.07	107.6	126.6	320.5	1683	37.8	7.2	594	2.22	23.6	2.6	142.3	5.7	64.4	2.31	4.91	6.48	36	0.65	0.091
STD DS9	Standard	14.89	112.4	126.1	321.6	1836	40.4	7.4	571	2.32	26.9	2.9	98.3	6.3	69.2	2.45	4.78	6.76	39	0.70	0.086
STD DS9	Standard	12.98	108.4	120.1	306.7	1719	39.4	7.1	527	2.19	25.6	2.6	121.3	6.2	63.3	2.30	4.31	6.25	37	0.65	0.080
STD DS9	Standard	11.56	106.9	120.4	320.6	1883	38.8	7.4	567	2.27	25.1	2.3	104.7	5.6	65.1	2.27	4.18	6.77	38	0.67	0.079
STD DS9	Standard	13.28	107.5	126.6	325.1	1770	40.2	7.7	556	2.30	25.3	2.5	95.9	5.8	64.2	2.39	4.65	7.17	37	0.65	0.079
STD DS9	Standard	11.68	107.1	127.2	316.3	1711	38.6	7.6	572	2.25	25.8	2.8	102.0	6.0	61.8	2.28	4.67	5.66	37	0.67	0.087

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Project: AKIE
Report Date: September 10, 2013

QUALITY CONTROL REPORT VAN13003264.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2378425	Soil	5.0	7.9	0.02	64.1	0.002	<20	0.68	<0.001	0.04	<0.1	1.6	0.38	0.03	31	3.7	0.04	3.8	1.82	<0.1	<0.02
REP 2378425	QC	5.0	8.1	0.02	65.7	0.002	<20	0.68	<0.001	0.04	<0.1	1.3	0.40	0.03	15	3.5	0.10	3.7	1.85	<0.1	<0.02
2378461	Soil	1.9	11.0	0.11	140.6	<0.001	<20	0.66	0.002	0.06	<0.1	1.5	0.25	0.08	52	2.9	0.09	1.6	1.15	<0.1	0.03
REP 2378461	QC	1.9	11.4	0.11	147.4	<0.001	<20	0.67	0.002	0.06	<0.1	1.7	0.26	0.08	48	3.1	0.05	1.8	1.14	<0.1	<0.02
2378518	Soil	12.5	8.0	0.05	142.7	0.002	<20	0.56	0.002	0.04	<0.1	0.8	0.51	0.05	42	1.8	0.11	3.2	1.04	<0.1	<0.02
REP 2378518	QC	11.3	7.8	0.05	141.2	0.002	<20	0.55	0.001	0.04	<0.1	0.9	0.50	0.05	48	2.2	0.10	3.3	0.98	<0.1	<0.02
2378555	Soil	2.5	5.1	0.01	93.0	<0.001	<20	0.37	0.002	0.07	<0.1	1.0	0.23	0.04	36	0.9	0.04	2.0	1.80	<0.1	<0.02
REP 2378555	QC	2.3	5.8	0.01	90.7	<0.001	<20	0.35	0.002	0.07	<0.1	1.0	0.22	0.04	37	0.7	0.05	2.0	1.78	<0.1	<0.02
2378591	Soil	10.9	14.8	0.12	487.2	0.003	<20	0.81	0.002	0.09	<0.1	1.4	1.21	0.12	99	5.6	0.14	2.7	1.06	<0.1	0.03
REP 2378591	QC	10.7	14.9	0.12	464.3	0.003	<20	0.81	0.002	0.09	<0.1	1.3	1.13	0.12	99	5.2	0.13	2.5	1.07	<0.1	0.04
2378627	Soil	8.2	8.4	0.07	188.1	<0.001	<20	0.50	0.005	0.08	<0.1	1.1	0.97	0.15	91	4.8	0.14	1.6	1.14	<0.1	0.02
REP 2378627	QC	8.6	8.4	0.08	201.9	<0.001	<20	0.49	0.006	0.08	<0.1	1.2	1.03	0.14	86	4.9	0.12	1.8	1.19	<0.1	<0.02
2378663	Soil	3.9	5.7	0.03	131.3	0.001	<20	0.46	<0.001	0.06	<0.1	0.7	0.29	0.03	7	1.3	0.07	1.9	0.88	<0.1	<0.02
REP 2378663	QC	4.1	5.4	0.03	130.4	0.001	<20	0.45	<0.001	0.06	<0.1	0.7	0.29	0.03	14	1.1	0.08	2.0	0.87	<0.1	<0.02
1195354	Soil	17.4	6.0	0.02	98.2	0.002	<20	0.47	<0.001	0.03	<0.1	0.7	0.36	<0.02	<5	0.7	0.03	4.2	1.07	<0.1	<0.02
REP 1195354	QC	18.5	6.4	0.02	97.3	0.002	<20	0.48	<0.001	0.04	<0.1	0.7	0.38	<0.02	12	0.6	0.07	4.2	1.06	<0.1	<0.02
1195366	Soil	10.9	10.7	1.01	230.3	0.003	<20	0.81	0.003	0.08	<0.1	2.5	0.21	0.03	60	3.4	0.06	1.9	0.60	<0.1	0.06
REP 1195366	QC	10.6	11.2	1.02	231.6	0.003	<20	0.81	0.003	0.08	<0.1	2.3	0.22	0.03	48	3.6	0.04	2.0	0.59	<0.1	0.04
Reference Materials																					
STD DS9	Standard	11.7	110.3	0.59	318.9	0.093	<20	0.89	0.079	0.39	2.5	2.2	5.50	0.17	203	5.0	4.50	4.3	2.51	<0.1	0.06
STD DS9	Standard	11.1	115.2	0.60	316.4	0.095	<20	0.92	0.079	0.40	2.3	2.3	5.15	0.17	219	4.7	4.33	4.2	2.32	<0.1	0.08
STD DS9	Standard	11.8	114.4	0.59	322.4	0.098	<20	0.90	0.076	0.38	2.5	2.2	5.30	0.19	210	4.8	4.62	4.2	2.36	<0.1	0.07
STD DS9	Standard	9.6	118.7	0.59	328.9	0.088	<20	0.87	0.074	0.39	2.7	2.1	5.54	0.16	228	5.5	4.82	4.2	2.35	<0.1	0.05
STD DS9	Standard	11.6	118.1	0.61	331.4	0.104	<20	0.92	0.079	0.40	3.0	2.4	5.84	0.17	238	5.2	5.25	4.8	2.52	0.2	0.08
STD DS9	Standard	9.8	109.1	0.58	297.2	0.092	<20	0.87	0.073	0.38	2.3	2.3	5.09	0.16	201	5.5	4.84	4.1	2.32	0.1	0.08
STD DS9	Standard	11.2	114.5	0.60	307.9	0.097	<20	0.89	0.078	0.40	2.5	2.2	5.59	0.16	206	5.2	4.75	4.2	2.41	0.1	0.08
STD DS9	Standard	11.0	115.1	0.62	331.4	0.098	<20	0.92	0.082	0.40	3.2	2.4	5.60	0.16	190	5.4	4.83	4.3	2.45	<0.1	0.07
STD DS9	Standard	10.6	113.0	0.59	317.6	0.098	<20	0.87	0.075	0.38	2.9	2.1	5.30	0.17	218	5.2	5.09	4.4	2.46	0.2	0.05

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Project: AKIE
Report Date: September 10, 2013

QUALITY CONTROL REPORT VAN13003264.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
2378425	Soil	0.20	10.0	0.5	<0.05	0.3	4.38	10.3	0.02	<1	0.2	1.2	<10	<2
REP 2378425	QC	0.16	9.4	0.5	<0.05	0.4	4.09	10.7	<0.02	<1	0.6	1.1	<10	<2
2378461	Soil	0.12	6.5	0.2	<0.05	1.1	2.28	4.1	0.03	2	0.4	20.1	<10	<2
REP 2378461	QC	0.13	6.5	0.2	<0.05	1.2	2.45	4.2	0.04	3	0.5	21.0	<10	3
2378518	Soil	0.17	7.6	0.6	<0.05	0.4	2.75	22.3	0.02	<1	0.2	3.3	<10	<2
REP 2378518	QC	0.15	7.0	0.6	<0.05	0.3	2.65	20.0	<0.02	1	0.2	3.0	<10	2
2378555	Soil	0.03	9.8	0.5	<0.05	0.3	2.52	5.8	<0.02	<1	0.2	0.7	<10	2
REP 2378555	QC	0.04	10.2	0.4	<0.05	0.5	2.48	5.5	<0.02	<1	0.3	0.7	<10	3
2378591	Soil	0.48	9.6	0.4	<0.05	1.4	2.94	19.1	0.05	<1	0.4	6.8	<10	<2
REP 2378591	QC	0.49	9.8	0.4	<0.05	1.2	2.73	18.5	0.05	<1	0.3	6.5	<10	<2
2378627	Soil	0.05	8.2	0.3	<0.05	0.6	2.83	14.6	0.03	6	0.4	4.1	<10	2
REP 2378627	QC	0.04	8.3	0.3	<0.05	0.7	3.08	15.7	0.03	<1	0.3	4.5	<10	<2
2378663	Soil	0.10	7.0	0.3	<0.05	0.4	1.15	8.0	<0.02	<1	0.1	1.5	<10	<2
REP 2378663	QC	0.10	6.9	0.2	<0.05	0.3	1.15	8.4	<0.02	<1	0.2	1.4	<10	<2
1195354	Soil	0.09	4.2	0.7	<0.05	0.1	1.81	33.0	<0.02	<1	0.1	1.1	<10	<2
REP 1195354	QC	0.10	4.3	1.0	<0.05	0.2	1.82	33.1	<0.02	<1	0.1	1.0	<10	<2
1195366	Soil	0.10	4.1	<0.1	<0.05	1.7	10.84	22.8	<0.02	3	0.3	10.9	<10	3
REP 1195366	QC	0.11	4.3	<0.1	<0.05	2.0	10.92	22.3	<0.02	6	0.3	11.4	<10	<2
Reference Materials														
STD DS9	Standard	0.71	34.5	6.4	<0.05	1.5	5.00	23.3	2.23	54	5.6	24.3	137	360
STD DS9	Standard	0.74	32.6	6.3	<0.05	1.5	4.67	21.6	2.07	43	5.3	23.4	117	334
STD DS9	Standard	0.81	32.7	6.7	<0.05	1.5	4.87	21.7	2.06	69	5.1	22.9	122	354
STD DS9	Standard	0.73	33.6	6.5	<0.05	1.6	4.79	18.2	2.36	53	5.7	25.9	125	347
STD DS9	Standard	0.75	34.3	7.0	<0.05	1.7	5.29	21.3	2.29	63	5.7	29.2	120	365
STD DS9	Standard	0.75	32.1	5.8	<0.05	1.6	4.82	18.8	2.03	61	4.7	24.6	103	343
STD DS9	Standard	0.77	34.9	6.4	<0.05	1.8	4.91	22.7	2.25	62	5.5	28.0	124	363
STD DS9	Standard	0.73	32.9	6.6	<0.05	1.7	5.03	22.4	2.38	65	5.7	26.3	129	351
STD DS9	Standard	0.94	35.1	6.7	<0.05	1.5	4.82	19.8	2.20	67	5.1	26.1	92	337

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Project: AKIE
Report Date: September 10, 2013

QUALITY CONTROL REPORT VAN13003264.1

		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
STD OREAS45EA	Standard	1.36	580.6	15.29	25.5	242	323.7	49.0	366	20.79	6.8	1.8	60.2	10.6	3.6	0.02	0.15	0.26	259	0.03	0.024
STD OREAS45EA	Standard	1.32	589.3	16.26	25.2	244	326.8	50.2	359	21.01	6.3	2.0	50.6	11.2	3.6	0.03	0.12	0.28	261	0.03	0.024
STD OREAS45EA	Standard	1.37	649.8	16.51	26.4	253	364.0	54.1	399	23.45	7.7	2.0	57.4	11.9	3.6	0.02	0.14	0.28	284	0.04	0.027
STD OREAS45EA	Standard	1.34	605.9	14.79	26.2	264	344.7	48.5	380	21.95	7.7	1.7	62.9	10.3	3.5	0.02	0.14	0.24	272	0.04	0.028
STD OREAS45EA	Standard	1.30	625.0	13.36	29.2	292	351.8	54.0	378	22.75	7.5	1.9	59.4	11.8	3.9	0.02	0.10	0.25	280	0.04	0.027
STD OREAS45EA	Standard	1.19	616.5	14.01	26.9	269	346.2	50.2	382	22.19	6.8	1.8	58.2	10.3	3.5	0.02	0.11	0.23	273	0.04	0.027
STD OREAS45EA	Standard	1.22	635.0	14.99	27.9	265	356.6	52.5	402	23.25	6.3	1.8	64.0	10.7	3.9	0.02	0.13	0.28	284	0.04	0.028
STD OREAS45EA	Standard	1.09	597.7	14.00	27.2	260	346.8	48.9	363	21.18	5.7	1.7	52.0	9.9	3.5	0.02	0.13	0.28	286	0.03	0.024
STD OREAS45EA	Standard	1.43	641.3	14.49	26.9	277	343.8	49.7	383	22.14	9.8	1.6	59.7	9.8	3.1	0.02	0.26	0.30	280	0.03	0.027
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected		1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032	0.029
BLK	Blank	<0.01	0.15	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.16	0.04	<0.1	3	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.17	<0.01	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.11	0.03	<0.1	17	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	0.02	0.16	0.07	0.9	<2	<0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	0.6	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.15	0.02	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.18	0.02	0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.04	0.04	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.12	0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	7	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: AKIE
Report Date: September 10, 2013

QUALITY CONTROL REPORT VAN13003264.1

		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	7.0	771.1	0.09	145.8	0.078	<20	2.76	0.017	0.05	<0.1	66.1	0.06	0.03	7	0.3	0.09	11.4	0.64	0.3	0.59
STD OREAS45EA	Standard	7.0	777.6	0.09	147.2	0.080	<20	2.79	0.017	0.05	<0.1	66.7	0.06	0.04	9	0.2	0.05	11.3	0.63	0.2	0.51
STD OREAS45EA	Standard	7.6	851.1	0.09	148.2	0.085	<20	2.96	0.023	0.05	<0.1	73.0	0.07	0.04	9	0.4	0.08	12.0	0.69	0.3	0.63
STD OREAS45EA	Standard	6.5	793.5	0.09	145.7	0.078	<20	2.87	0.019	0.05	<0.1	68.3	<0.02	0.04	11	0.6	0.10	10.9	0.68	0.3	0.49
STD OREAS45EA	Standard	6.7	830.9	0.10	146.7	0.083	<20	2.98	0.016	0.05	<0.1	73.0	<0.02	0.04	17	0.3	0.05	11.4	0.69	0.4	0.60
STD OREAS45EA	Standard	6.7	791.2	0.09	149.3	0.078	<20	2.91	0.015	0.05	<0.1	74.0	<0.02	0.04	10	0.4	0.04	10.8	0.67	0.4	0.56
STD OREAS45EA	Standard	7.1	838.9	0.10	156.7	0.084	<20	3.03	0.016	0.05	<0.1	74.3	0.07	0.04	14	<0.1	0.06	12.9	0.71	0.2	0.76
STD OREAS45EA	Standard	6.5	795.3	0.09	151.3	0.078	<20	2.94	0.017	0.05	<0.1	66.3	0.06	0.03	10	<0.1	0.15	11.6	0.63	0.3	0.72
STD OREAS45EA	Standard	6.1	816.9	0.09	141.7	0.079	<20	2.80	0.023	0.05	<0.1	76.2	<0.02	0.04	<5	0.8	0.02	11.3	0.66	0.3	0.42
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected		8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77	0.26	0.82
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	9	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	1.0	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.03	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT VAN13003264.1

		1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD OREAS45EA	Standard	0.06	7.2	0.9	<0.05	18.5	5.02	18.7	0.07	<1	0.3	2.0	32	93
STD OREAS45EA	Standard	0.05	6.9	0.9	<0.05	16.9	4.95	18.8	0.08	<1	0.4	2.2	60	105
STD OREAS45EA	Standard	0.05	7.0	0.9	<0.05	20.4	5.26	19.8	0.08	<1	0.4	2.4	71	105
STD OREAS45EA	Standard	0.05	7.0	0.8	<0.05	15.9	4.98	17.0	0.08	<1	0.3	2.3	71	107
STD OREAS45EA	Standard	0.05	7.7	0.8	<0.05	18.9	5.08	18.0	0.07	<1	0.4	2.3	76	117
STD OREAS45EA	Standard	0.06	7.2	0.8	<0.05	19.8	4.91	17.1	0.09	<1	0.3	2.3	55	120
STD OREAS45EA	Standard	0.05	8.0	1.0	<0.05	21.2	5.31	19.6	0.10	<1	0.4	2.7	63	112
STD OREAS45EA	Standard	0.05	7.1	0.8	<0.05	19.9	4.97	18.1	0.05	<1	0.4	2.1	46	101
STD OREAS45EA	Standard	0.06	6.5	0.9	<0.05	14.5	4.68	15.4	0.07	<1	0.4	2.2	86	94
STD DS9 Expected		0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.2	<0.02	1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	2	<0.1	<0.1	<10	2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: August 28, 2013
Report Date: October 01, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13003386.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CCZ1 Aug 20/13
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	22	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1F04	22	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
7AR	5	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.4	Completed	VAN
7AR.1	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Project: AKIE
Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003386.1

Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
[redacted]																					
1197017	Rock	1.52	31.63	188.1	3731	>10000	1739	88.7	21.8	139	1.27	2.9	1.4	0.5	0.3	22.3	764.7	7.25	0.06	44	0.12
1197018	Rock	1.51	1.87	17.75	>10000	>10000	12152	38.9	13.8	152	1.06	0.9	2.6	0.2	0.3	73.2	395.4	9.20	0.13	7	9.64
1197019	Rock	1.52	15.96	211.4	1309	>10000	773	17.8	7.0	35	0.84	9.0	2.4	<0.2	0.3	10.0	437.5	3.86	0.08	23	0.32
1197020	Rock	0.76	6.57	302.2	415.4	>10000	1354	56.4	36.0	277	2.22	9.2	0.7	<0.2	<0.1	8.2	>2000	12.82	0.10	5	0.42
1197021	Rock	1.31	12.87	319.4	>10000	>10000	8200	260.6	42.2	467	4.26	<0.1	3.3	<0.2	<0.1	16.4	>2000	19.44	0.41	36	0.22
[redacted]																					

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Project: AKIE
Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003386.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
[redacted]																					
1197017	Rock	0.042	0.5	10.5	0.02	570.9	0.002	<20	0.44	<0.001	<0.01	<0.1	0.8	0.10	0.04	23946	8.7	0.03	10.9	0.03	5.8
1197018	Rock	0.018	1.0	1.8	0.04	191.1	<0.001	<20	0.14	<0.001	<0.01	<0.1	1.0	0.14	0.61	28871	92.7	<0.02	2.4	0.05	1.1
1197019	Rock	0.014	0.7	13.6	<0.01	19.1	0.005	<20	0.31	0.002	<0.01	0.4	1.1	0.13	2.92	20449	5.7	<0.02	1.9	0.03	28.6
1197020	Rock	0.003	1.4	4.7	0.03	196.6	<0.001	<20	0.07	0.008	0.03	<0.1	0.5	0.40	0.03	>50000	27.8	0.09	17.5	0.13	56.6
1197021	Rock	0.007	15.7	8.7	0.05	202.6	<0.001	<20	0.50	0.003	0.02	0.2	0.9	0.43	0.22	>50000	62.8	0.10	21.6	0.10	9.3
[redacted]																					

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Project: AKIE
Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003386.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	7AR	7AR	7AR.1
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn	Pb
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01
[redacted]																	
1197017	Rock	0.05	0.06	0.1	0.6	<0.05	2.4	16.17	1.5	0.06	3	0.3	0.6	<10	<2	0.34	9.35	
1197018	Rock	<0.02	<0.02	0.3	0.2	<0.05	0.5	12.35	2.2	0.03	<1	<0.1	0.3	<10	2	>10	7.64	12.04
1197019	Rock	0.06	0.03	0.3	0.1	<0.05	1.8	0.41	1.6	<0.02	40	0.1	0.8	<10	<2	0.12	5.87	
1197020	Rock	0.09	<0.02	0.7	2.0	<0.05	1.6	2.49	3.4	0.12	<1	0.1	0.8	<10	13	0.03	43.55	
1197021	Rock	<0.02	<0.02	1.4	3.9	<0.05	1.2	38.10	34.7	0.05	1	0.9	1.3	<10	5	5.40	20.87	
[redacted]																	

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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

		Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																						
1197011	Rock		0.44	4.46	13.07	10.61	55.5	341	22.6	0.4	29	1.98	9.7	0.5	<0.2	2.6	6.9	0.19	1.67	0.07	36	0.04
REP 1197011	QC			4.50	13.02	10.60	54.7	303	21.8	0.4	29	1.98	9.1	0.5	<0.2	2.6	6.8	0.19	1.60	0.06	36	0.05
1197018	Rock		1.51	1.87	17.75	>10000	>10000	12152	38.9	13.8	152	1.06	0.9	2.6	0.2	0.3	73.2	395.4	9.20	0.13	7	9.64
REP 1197018	QC																					
1197019	Rock		1.52	15.96	211.4	1309	>10000	773	17.8	7.0	35	0.84	9.0	2.4	<0.2	0.3	10.0	437.5	3.86	0.08	23	0.32
REP 1197019	QC																					
Core Reject Duplicates																						
1197133	Rock		1.62	6.49	9.55	124.8	373.7	149	12.1	2.3	577	1.33	2.4	1.3	<0.2	0.5	103.2	6.14	0.59	<0.02	18	10.81
DUP 1197133	QC			6.12	12.07	165.3	396.5	137	12.2	2.5	584	1.34	2.0	1.2	<0.2	0.5	98.9	5.32	0.58	<0.02	18	10.73
Reference Materials																						
STD CCU-1C	Standard																					
STD CZN-3	Standard																					
STD DS9	Standard			12.97	110.5	131.0	322.0	1964	39.7	7.7	598	2.33	27.3	2.7	123.9	6.7	68.3	2.36	4.47	5.97	39	0.72
STD DS9	Standard			11.97	104.7	128.4	323.5	1808	39.3	7.6	565	2.28	25.0	2.6	130.1	6.3	65.0	2.56	4.51	5.89	38	0.67
STD DS9	Standard			13.47	109.5	147.1	327.9	2068	42.0	7.3	592	2.31	25.9	2.8	116.8	6.5	71.1	2.57	4.58	7.24	38	0.69
STD GBM997-6	Standard																					
STD GC-7	Standard																					
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OREAS133B	Standard																					
STD OREAS45EA	Standard			1.37	658.0	14.09	28.5	258	363.6	48.6	387	22.55	8.0	1.8	58.6	11.7	4.5	<0.01	0.16	0.23	286	0.05
STD OREAS45EA	Standard			1.20	604.5	13.83	25.7	242	334.6	42.9	352	19.18	7.4	1.7	51.5	10.1	3.5	0.04	0.19	0.19	273	0.03
STD OREAS45EA	Standard			1.55	685.7	15.56	29.6	266	368.5	48.7	403	22.82	8.4	1.9	53.8	10.7	3.5	0.04	0.21	0.27	299	0.04
STD PTC-1A	Standard																					
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036
STD GC-7 Expected																						
STD OREAS133B Expected																						

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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
1197011	Rock		0.028	1.6	12.8	0.22	112.8	<0.001	<20	0.59	0.003	0.07	<0.1	1.3	0.13	0.05	64	3.7	0.06	3.0	0.65	<0.1
REP 1197011	QC		0.028	1.6	11.7	0.22	94.6	<0.001	<20	0.59	0.003	0.07	<0.1	1.4	0.12	0.05	74	3.6	<0.02	3.0	0.65	<0.1
1197018	Rock		0.018	1.0	1.8	0.04	191.1	<0.001	<20	0.14	<0.001	<0.01	<0.1	1.0	0.14	0.61	28871	92.7	<0.02	2.4	0.05	1.1
REP 1197018	QC																					
1197019	Rock		0.014	0.7	13.6	<0.01	19.1	0.005	<20	0.31	0.002	<0.01	0.4	1.1	0.13	2.92	20449	5.7	<0.02	1.9	0.03	28.6
REP 1197019	QC																					
Core Reject Duplicates																						
1197133	Rock		0.012	2.8	3.0	4.50	141.3	<0.001	<20	0.04	0.006	0.03	<0.1	0.9	0.05	0.29	350	1.2	<0.02	0.2	0.05	<0.1
DUP 1197133	QC		0.012	2.7	2.8	4.48	145.9	<0.001	<20	0.05	0.006	0.03	<0.1	1.0	0.05	0.29	489	0.9	0.03	0.2	0.04	<0.1
Reference Materials																						
STD CCU-1C	Standard																					
STD CZN-3	Standard																					
STD DS9	Standard		0.086	12.5	117.1	0.62	325.3	0.099	<20	0.93	0.083	0.40	2.9	2.7	5.51	0.17	229	6.1	5.59	4.9	2.54	0.1
STD DS9	Standard		0.083	11.5	111.6	0.59	351.2	0.093	<20	0.88	0.074	0.38	2.6	2.4	5.46	0.16	237	5.8	5.37	4.5	2.48	<0.1
STD DS9	Standard		0.085	12.4	119.7	0.60	371.7	0.100	<20	0.93	0.081	0.39	3.0	2.5	5.82	0.16	256	5.6	5.37	4.7	2.41	<0.1
STD GBM997-6	Standard																					
STD GC-7	Standard																					
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OREAS133B	Standard																					
STD OREAS45EA	Standard		0.029	6.7	818.7	0.09	142.7	0.080	<20	2.95	0.023	0.05	<0.1	85.4	0.05	0.04	8	0.4	0.08	12.1	0.65	0.3
STD OREAS45EA	Standard		0.024	6.2	749.0	0.08	180.1	0.073	<20	2.72	0.018	0.05	<0.1	75.6	0.05	0.04	35	0.6	0.10	11.1	0.61	0.6
STD OREAS45EA	Standard		0.028	6.6	850.0	0.10	145.9	0.085	<20	3.08	0.020	0.05	<0.1	76.7	0.05	0.04	31	0.5	0.11	12.2	0.64	0.3
STD PTC-1A	Standard																					
STD DS9 Expected			0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD OREAS45EA Expected			0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63	0.26
STD GC-7 Expected																						
STD OREAS133B Expected																						

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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	7AR	7AR	7AR.1
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn	Pb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01
Pulp Duplicates																		
1197011	Rock	0.11	<0.02	4.8	<0.1	<0.05	4.1	2.34	5.9	<0.02	2	0.2	20.9	<10	<2			
REP 1197011	QC	0.10	<0.02	4.6	<0.1	<0.05	4.3	2.43	6.0	<0.02	2	0.2	20.8	<10	<2			
1197018	Rock	<0.02	<0.02	0.3	0.2	<0.05	0.5	12.35	2.2	0.03	<1	<0.1	0.3	<10	2	>10	7.64	12.04
REP 1197018	QC																	12.24
1197019	Rock	0.06	0.03	0.3	0.1	<0.05	1.8	0.41	1.6	<0.02	40	0.1	0.8	<10	<2	0.12	5.87	
REP 1197019	QC															0.12	5.94	
Core Reject Duplicates																		
1197133	Rock	0.06	<0.02	1.0	<0.1	<0.05	2.2	10.13	7.8	<0.02	5	0.2	0.7	<10	<2			
DUP 1197133	QC	0.05	<0.02	0.9	<0.1	<0.05	2.1	9.75	7.5	<0.02	9	0.1	0.7	12	<2			
Reference Materials																		
STD CCU-1C	Standard																	0.32
STD CZN-3	Standard																	0.09
STD DS9	Standard	0.07	1.04	35.3	6.1	<0.05	1.7	5.65	24.9	2.35	58	5.7	25.3	132	360			
STD DS9	Standard	0.07	0.86	34.9	6.5	<0.05	1.5	5.37	23.1	2.23	71	6.0	24.4	112	360			
STD DS9	Standard	0.07	0.94	34.9	6.8	<0.05	1.7	5.66	24.7	2.33	70	5.8	25.5	149	397			
STD GBM997-6	Standard																	21.36
STD GC-7	Standard															>10	21.79	
STD GC-7	Standard															>10	21.92	
STD OREAS133B	Standard															5.02	10.90	
STD OREAS133B	Standard															5.10	10.72	
STD OREAS45EA	Standard	0.67	0.05	7.4	0.5	<0.05	22.2	5.14	18.2	0.10	<1	0.3	2.2	54	105			
STD OREAS45EA	Standard	0.51	0.04	6.6	0.5	<0.05	19.4	4.74	17.2	0.07	<1	0.4	2.0	46	103			
STD OREAS45EA	Standard	0.64	0.07	7.0	0.8	<0.05	20.8	5.17	19.1	0.08	<1	0.4	2.1	53	115			
STD PTC-1A	Standard																	0.03
STD DS9 Expected		0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350			
STD OREAS45EA Expected		0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108			
STD GC-7 Expected																10.44	22.06	
STD OREAS133B Expected																5.07	11.12	

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD GBM997-6 Expected																					
BLK	Blank		<0.01	0.04	<0.01	0.2	10	0.3	<0.1	<1	<0.01	0.5	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.05	0.06	0.8	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.02	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.01	0.04	0.07	0.4	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.07	4.54	4.21	52.4	16	2.9	3.7	574	1.94	0.6	1.8	<0.2	6.5	56.3	0.07	<0.02	0.05	35	0.48
G1	Prep Blank		0.08	4.07	3.95	46.4	12	2.7	3.7	592	1.97	0.8	2.4	0.3	6.9	60.8	0.03	<0.02	0.05	35	0.50

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

		1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD GBM997-6 Expected																					
BLK	Blank	<0.001	<0.5	0.6	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	7	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	45	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	1.3	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.070	14.6	9.9	0.50	277.1	0.111	<20	0.91	0.089	0.48	<0.1	2.6	0.34	<0.02	<5	<0.1	<0.02	5.0	3.82	0.2
G1	Prep Blank	0.071	15.0	10.4	0.50	207.7	0.114	<20	0.91	0.102	0.49	<0.1	3.0	0.36	<0.02	7	0.1	<0.02	5.3	4.10	0.2

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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003386.1

		1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	7AR Pb % 0.01	7AR Zn % 0.01	7AR.1 Pb % 0.01
STD CZN-3 Expected																		0.113
STD CCU-1C Expected																		0.34
STD GBM997-6 Expected																		23.75
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.3	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	1	<0.1	<0.1	<10	<2			
BLK	Blank															<0.01	<0.01	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank															<0.01	<0.01	
BLK	Blank																	<0.01
Prep Wash																		
G1	Prep Blank	0.06	0.32	48.3	0.2	<0.05	1.3	5.49	28.0	<0.02	<1	0.2	29.7	<10	<2			
G1	Prep Blank	0.10	0.40	48.6	0.4	<0.05	1.5	6.34	29.8	<0.02	<1	0.3	31.3	<10	<2			

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Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: August 28, 2013
Report Date: September 07, 2013
Page: 1 of 11

CERTIFICATE OF ANALYSIS VAN13003387.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CCZ2 Aug 20/13
P.O. Number
Number of Samples: 291

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	291	Dry at 60C			VAN
SS80	291	Dry at 60C sieve 100g to -80 mesh			VAN
1F04	291	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1196810	Soil		9.78	32.85	22.75	192.3	1957	32.7	7.0	62	3.65	21.2	0.9	1.1	0.6	35.8	0.57	1.95	0.39	69	0.02	0.138
1196811	Soil		25.73	16.36	25.83	112.0	2355	26.5	3.2	18	1.68	17.5	1.3	1.3	1.1	44.6	2.24	3.10	0.30	86	0.01	0.070
1196812	Soil		26.17	34.34	18.50	217.5	5259	72.1	9.4	240	4.11	30.8	1.3	1.2	1.9	19.0	1.41	4.57	0.23	214	0.04	0.149
1196813	Soil		8.79	12.53	10.39	68.0	899	10.9	1.9	19	0.89	6.9	0.6	0.4	0.7	12.9	0.18	0.63	0.13	45	0.02	0.064
1196814	Soil		8.30	22.28	6.37	187.1	751	42.6	9.5	50	1.70	10.3	0.3	<0.2	0.6	3.2	0.25	1.01	0.13	87	0.03	0.046
1196815	Soil		9.06	26.62	17.80	58.6	1359	14.6	1.8	24	1.17	4.4	3.5	0.3	<0.1	14.4	0.82	0.95	0.16	37	0.13	0.121
1196816	Soil		8.97	7.44	5.10	40.8	238	7.7	0.9	7	0.43	3.3	0.6	2.4	0.6	3.4	0.15	0.53	0.12	68	0.02	0.033
[redacted]																						
1197044	Soil		30.94	17.06	23.28	109.5	10582	19.3	2.3	14	3.98	28.7	0.7	2.1	2.9	53.5	0.73	10.00	0.24	64	<0.01	0.164
1197045	Soil		9.04	8.60	20.18	71.0	718	13.2	1.9	13	0.77	8.9	0.4	0.3	1.3	13.7	0.15	1.23	0.14	35	0.01	0.038
1197046	Soil		31.51	27.31	32.76	150.5	3151	27.5	3.4	36	2.81	39.5	1.1	1.6	3.9	35.9	0.41	4.43	0.30	198	<0.01	0.143

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1196810	Soil		2.7	10.3	0.03	76.2	0.003	<20	0.72	0.002	0.06	<0.1	0.9	0.31	0.09	72	2.0	0.10	3.4	2.09	<0.1	<0.02
1196811	Soil		16.4	10.4	0.02	334.5	0.002	<20	0.59	0.003	0.09	<0.1	0.8	0.86	0.16	46	4.4	0.13	3.9	0.92	<0.1	<0.02
1196812	Soil		9.0	14.5	0.19	92.5	0.002	<20	0.75	0.003	0.05	<0.1	2.3	0.55	0.07	74	4.2	0.07	4.7	1.12	<0.1	<0.02
1196813	Soil		6.0	5.9	0.03	51.1	0.001	<20	0.58	<0.001	0.04	<0.1	0.8	0.39	0.04	28	0.7	0.07	3.3	1.32	<0.1	<0.02
1196814	Soil		3.9	5.8	0.02	48.3	0.001	<20	0.42	<0.001	0.04	<0.1	1.2	0.12	<0.02	10	1.0	0.09	3.9	1.06	<0.1	<0.02
1196815	Soil		5.4	8.6	0.03	162.8	0.001	<20	0.77	0.001	0.06	<0.1	0.5	0.58	0.07	189	1.4	0.05	2.6	1.76	<0.1	<0.02
1196816	Soil		6.8	5.7	0.02	27.9	0.001	<20	0.52	<0.001	0.02	<0.1	0.9	0.45	<0.02	12	0.3	0.07	3.6	0.60	<0.1	<0.02
[redacted]																						
1197044	Soil		7.3	11.0	0.07	415.2	0.001	<20	0.55	0.008	0.09	<0.1	1.0	0.65	0.25	213	18.2	0.28	1.9	0.84	0.1	0.03
1197045	Soil		17.4	3.5	0.03	65.2	0.002	<20	0.32	<0.001	0.05	<0.1	0.7	0.34	0.03	24	1.1	0.04	2.3	0.56	<0.1	<0.02
1197046	Soil		13.4	12.8	0.06	178.9	0.002	<20	0.86	0.003	0.06	<0.1	1.9	0.90	0.08	62	4.9	0.16	3.9	1.20	<0.1	0.03

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1196810	Soil	0.47	10.9	0.6	<0.05	0.5	3.52	6.3	0.05	1	0.3	1.5	<10	<2
1196811	Soil	0.15	7.3	0.5	<0.05	0.9	2.27	26.6	<0.02	3	0.2	1.8	<10	<2
1196812	Soil	0.40	7.9	0.5	<0.05	0.7	7.54	17.7	0.03	<1	0.4	11.8	<10	<2
1196813	Soil	0.10	7.4	0.3	<0.05	0.4	1.66	12.1	<0.02	<1	0.1	1.3	<10	2
1196814	Soil	0.07	5.5	0.9	<0.05	0.2	2.16	9.2	<0.02	<1	0.2	0.7	<10	<2
1196815	Soil	0.30	8.7	0.3	<0.05	0.2	2.86	11.7	0.03	1	0.4	2.1	<10	<2
1196816	Soil	0.10	2.9	0.7	<0.05	0.2	1.43	14.9	<0.02	<1	0.1	0.6	<10	<2
[redacted]														
1197044	Soil	0.13	8.5	0.3	<0.05	0.9	1.83	14.0	0.03	4	0.2	3.5	<10	3
1197045	Soil	0.10	6.5	0.2	<0.05	0.2	1.58	34.6	<0.02	<1	0.2	1.3	<10	<2
1197046	Soil	0.32	8.5	0.4	<0.05	1.0	2.53	23.8	0.03	<1	0.3	3.2	11	<2

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1197047	Soil		8.84	11.35	14.54	104.2	1316	18.7	2.5	35	1.79	9.5	0.7	0.4	1.2	14.1	0.41	1.13	0.17	54	0.02	0.136
1197048	Soil		12.14	30.11	14.71	510.2	2847	101.6	16.9	677	2.64	14.3	1.7	1.6	2.1	45.5	6.48	3.66	0.17	39	1.05	0.137
1197049	Soil		3.80	8.19	24.83	116.7	451	29.7	5.5	928	1.65	3.0	0.9	<0.2	0.8	46.9	3.20	0.35	0.12	83	5.87	0.042
1197050	Soil		8.53	22.86	108.2	712.1	976	94.9	7.9	208	2.01	13.8	1.8	0.5	2.0	78.7	4.92	3.02	0.15	41	5.02	0.096

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.

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CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1197047	Soil		9.8	9.5	0.06	110.1	0.003	<20	0.60	<0.001	0.04	<0.1	1.1	0.27	0.03	27	1.4	0.05	3.6	0.66	<0.1	<0.02
1197048	Soil		11.8	10.7	0.25	194.2	0.002	<20	0.56	0.001	0.07	<0.1	3.3	0.43	0.07	206	3.2	0.02	1.0	0.68	<0.1	0.03
1197049	Soil		9.1	16.6	0.36	461.4	0.003	<20	1.05	0.002	0.05	0.1	1.9	0.16	0.07	85	0.2	<0.02	2.6	0.45	<0.1	0.03
1197050	Soil		11.0	12.3	0.40	833.9	0.004	<20	0.77	0.002	0.08	<0.1	2.2	0.47	0.05	136	1.3	<0.02	2.0	0.66	<0.1	0.05
[redacted]																						

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CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1197047	Soil	0.86	6.2	0.4	<0.05	0.5	2.11	19.1	<0.02	1	0.1	3.3	<10	3
1197048	Soil	0.15	5.5	<0.1	<0.05	2.0	16.98	28.7	0.03	1	0.8	8.1	<10	<2
1197049	Soil	0.70	5.7	0.4	<0.05	0.8	6.23	21.6	0.03	<1	0.7	13.5	<10	<2
1197050	Soil	0.54	6.9	0.1	<0.05	2.0	10.80	23.6	0.03	2	0.4	12.5	<10	3
[redacted]														

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CERTIFICATE OF ANALYSIS VAN13003387.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																					
2378692	Soil	17.56	27.03	22.06	99.6	2381	22.0	2.6	23	1.73	14.6	1.7	1.7	0.4	31.7	0.60	2.01	0.28	73	0.01	0.086
[redacted]																					
2378701	Soil	7.96	68.15	18.81	292.1	843	104.4	36.2	603	3.84	10.9	1.0	0.9	2.7	31.5	1.36	1.87	0.14	56	1.13	0.154
2378702	Soil	7.32	51.53	19.41	321.8	823	86.1	23.0	652	3.55	8.6	1.2	1.9	2.2	35.8	2.49	1.67	0.14	60	1.44	0.154
2378703	Soil	7.17	33.27	17.37	581.2	1165	93.8	7.7	190	1.68	8.0	1.5	1.3	1.2	66.3	9.18	2.40	0.18	51	9.64	0.138
2378704	Soil	6.97	17.79	21.52	300.5	642	36.3	5.8	123	2.02	8.5	1.1	2.0	0.8	24.6	1.81	1.54	0.17	41	0.56	0.092
2378705	Soil	7.53	19.23	24.67	410.6	890	57.2	8.1	418	1.78	6.8	2.1	0.3	1.1	36.7	4.41	1.49	0.17	53	1.48	0.103
2378706	Soil	9.83	20.92	31.66	314.0	1010	43.5	10.3	250	2.47	11.0	0.8	0.6	1.3	22.3	2.08	2.00	0.20	47	0.17	0.086
[redacted]																					

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CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																						
2378692	Soil		6.7	9.1	0.04	128.8	0.001	<20	0.57	0.002	0.06	<0.1	0.5	0.45	0.09	54	2.6	0.10	2.7	1.77	<0.1	<0.02
[redacted]																						
2378701	Soil		22.3	26.9	0.49	295.9	0.003	<20	0.78	0.002	0.13	<0.1	8.9	0.35	0.04	145	1.1	<0.02	2.0	1.63	<0.1	0.05
2378702	Soil		22.3	25.5	0.71	278.4	0.003	<20	0.81	0.003	0.14	<0.1	8.5	0.34	0.05	164	0.8	0.06	2.1	1.03	<0.1	0.08
2378703	Soil		11.7	14.4	0.43	312.8	0.004	<20	0.46	0.004	0.11	<0.1	2.6	0.51	0.04	222	1.9	0.06	1.2	0.94	<0.1	0.05
2378704	Soil		10.8	12.7	0.17	159.5	0.003	<20	0.63	0.002	0.08	<0.1	1.5	0.32	0.04	40	0.9	0.04	1.9	0.67	<0.1	0.02
2378705	Soil		13.2	12.1	0.21	234.8	0.002	<20	0.63	0.002	0.11	<0.1	2.0	0.86	0.06	191	0.9	0.02	1.6	0.56	<0.1	0.06
2378706	Soil		13.0	11.5	0.13	238.9	0.002	<20	0.61	0.003	0.08	<0.1	1.8	0.31	0.04	28	1.4	0.07	1.9	0.59	<0.1	0.02
[redacted]																						

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Project: AKIE
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CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]														
2378692	Soil	0.16	8.4	0.4	<0.05	0.2	2.69	13.0	0.02	5	0.5	2.2	<10	4
[redacted]														
2378701	Soil	0.24	7.1	0.4	<0.05	1.9	16.79	45.0	0.06	<1	0.7	14.1	<10	<2
2378702	Soil	0.19	7.6	0.3	<0.05	1.9	18.49	45.4	0.05	<1	0.8	14.0	<10	<2
2378703	Soil	0.25	9.5	0.2	<0.05	1.8	13.87	23.9	0.03	2	0.6	10.6	<10	3
2378704	Soil	0.46	8.6	0.3	<0.05	0.5	6.02	24.0	0.02	2	0.4	12.9	<10	<2
2378705	Soil	0.27	7.4	0.2	<0.05	1.7	9.96	32.9	<0.02	<1	0.6	15.3	<10	3
2378706	Soil	0.25	10.1	0.3	<0.05	0.6	4.95	27.8	0.03	1	0.5	9.5	<10	3
[redacted]														

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Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

www.acmelab.com

Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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.

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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2378777	Soil		16.10	28.86	36.88	511.1	690	66.7	7.7	205	2.02	13.1	2.2	0.2	0.5	11.8	2.14	3.76	0.23	133	0.43	0.134
2378778	Soil		4.40	12.81	14.69	98.7	429	27.6	4.1	252	1.28	4.0	1.1	0.5	0.6	32.0	1.63	1.05	0.10	33	2.65	0.125
2378779	Soil		4.25	14.12	21.36	353.9	1226	28.9	5.9	253	1.83	5.0	1.2	0.6	0.8	26.6	3.95	0.92	0.18	61	0.82	0.142
2378780	Soil		3.65	15.51	13.93	133.5	380	31.0	4.6	302	1.32	3.3	1.1	0.9	<0.1	6.4	1.34	1.00	0.18	65	0.13	0.169
2378781	Soil		7.97	14.85	32.49	307.5	636	25.9	4.9	157	1.61	8.8	0.7	0.5	0.7	36.0	1.61	2.29	0.16	34	0.62	0.097
2378782	Soil		6.14	23.42	40.10	376.4	757	28.8	6.5	250	2.26	6.4	0.7	1.0	<0.1	18.1	2.91	1.72	0.22	30	0.24	0.126
2378783	Soil		5.67	16.76	31.88	184.2	317	23.3	4.3	141	1.32	4.4	0.6	<0.2	0.4	14.7	1.65	1.26	0.16	38	0.24	0.058
2378784	Soil		9.63	9.15	36.30	394.1	458	15.7	2.2	37	1.36	5.3	0.6	1.0	0.7	18.0	1.29	1.13	0.19	92	0.17	0.041
2378785	Soil		5.61	6.16	8.25	47.1	707	5.7	0.8	8	0.51	3.3	0.3	<0.2	<0.1	8.7	0.09	0.77	0.11	49	0.02	0.044
2378786	Soil		13.94	15.04	17.24	61.3	9702	12.2	1.3	14	1.18	8.7	0.7	0.9	0.3	36.2	0.38	1.25	0.20	66	0.01	0.084
2378787	Soil		14.71	32.42	17.83	139.0	5349	29.5	3.3	35	5.19	32.5	1.5	2.0	2.6	90.2	0.64	2.75	0.22	98	0.21	0.413
2378788	Soil		6.43	7.78	16.27	15.2	8789	4.3	0.6	6	1.01	6.3	0.8	0.6	<0.1	43.1	0.13	0.35	0.20	31	<0.01	0.100
2378789	Soil		11.36	12.21	20.63	17.0	4979	6.3	0.6	11	0.80	4.8	0.9	1.5	0.7	62.6	0.27	0.63	0.28	37	0.10	0.089
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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
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2378777	Soil		12.0	15.9	0.42	140.4	0.004	<20	0.60	0.002	0.20	0.2	1.4	0.60	0.05	137	1.7	0.17	1.8	1.52	<0.1	<0.02
2378778	Soil		14.5	8.9	0.25	122.5	0.002	<20	0.40	0.003	0.15	<0.1	1.4	0.33	0.14	126	0.7	0.03	1.1	1.11	<0.1	0.04
2378779	Soil		36.4	14.4	0.29	159.9	0.007	<20	0.78	0.003	0.13	<0.1	2.6	0.23	0.06	181	0.6	<0.02	1.7	0.79	<0.1	0.04
2378780	Soil		12.5	14.5	0.28	180.4	0.001	<20	0.66	0.002	0.23	<0.1	0.5	0.22	0.06	43	1.0	0.06	2.0	1.25	<0.1	<0.02
2378781	Soil		8.7	7.4	0.12	287.6	0.004	<20	0.44	0.003	0.08	<0.1	1.8	0.20	0.09	64	1.8	0.13	1.8	0.56	<0.1	0.05
2378782	Soil		8.8	8.6	0.06	242.6	0.001	<20	0.38	0.003	0.07	<0.1	0.4	0.14	0.07	51	1.9	0.09	1.6	0.48	<0.1	<0.02
2378783	Soil		9.1	7.0	0.05	222.1	0.003	<20	0.42	0.003	0.08	<0.1	1.0	0.11	0.04	19	0.8	<0.02	1.8	0.42	<0.1	<0.02
2378784	Soil		9.4	11.0	0.06	299.9	0.003	<20	0.91	0.002	0.04	<0.1	1.3	0.25	0.03	17	1.4	0.09	3.5	0.77	<0.1	<0.02
2378785	Soil		7.6	6.6	0.02	78.5	0.002	<20	0.48	0.002	0.03	<0.1	0.4	0.27	<0.02	6	0.6	0.03	2.6	0.82	<0.1	<0.02
2378786	Soil		7.4	15.3	0.04	153.4	0.002	<20	0.77	0.002	0.05	<0.1	0.5	0.29	0.05	108	3.3	0.08	3.1	1.51	<0.1	<0.02
2378787	Soil		5.2	25.5	0.11	344.3	0.004	<20	0.86	0.006	0.08	<0.1	1.5	0.46	0.14	100	6.3	0.13	2.8	0.92	<0.1	0.03
2378788	Soil		3.3	9.0	0.02	290.2	<0.001	<20	0.45	0.004	0.07	<0.1	0.3	0.30	0.11	73	2.1	0.09	2.5	1.61	<0.1	<0.02
2378789	Soil		4.1	10.3	0.02	219.1	0.001	<20	0.53	0.004	0.06	<0.1	0.7	0.65	0.09	57	2.5	0.21	2.7	1.44	<0.1	<0.02
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CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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2378777	Soil	0.14	14.5	0.4	<0.05	0.5	11.06	31.2	0.03	<1	0.8	23.6	<10	<2
2378778	Soil	0.12	8.7	0.2	<0.05	1.9	11.58	26.4	<0.02	<1	0.7	16.3	<10	<2
2378779	Soil	0.60	9.3	0.3	<0.05	1.0	28.41	61.0	0.06	<1	1.1	17.7	<10	3
2378780	Soil	0.04	19.7	0.4	<0.05	0.3	9.74	22.3	0.03	<1	1.0	18.3	<10	2
2378781	Soil	0.70	8.9	0.4	<0.05	1.4	6.45	16.2	<0.02	<1	0.4	4.2	<10	<2
2378782	Soil	0.07	8.2	0.4	<0.05	<0.1	4.58	18.6	0.03	<1	0.5	2.1	<10	<2
2378783	Soil	0.56	7.0	0.4	<0.05	0.3	2.89	18.0	<0.02	2	0.4	1.7	<10	2
2378784	Soil	0.61	5.8	0.6	<0.05	0.3	2.15	18.5	<0.02	<1	0.4	4.4	<10	2
2378785	Soil	0.04	3.6	0.5	<0.05	<0.1	1.35	14.5	<0.02	<1	<0.1	0.5	<10	<2
2378786	Soil	0.14	8.6	0.4	<0.05	0.1	4.31	13.0	<0.02	2	0.3	1.8	<10	<2
2378787	Soil	0.66	11.2	0.3	<0.05	0.9	5.12	11.2	0.05	<1	0.6	7.6	<10	3
2378788	Soil	0.03	7.9	0.5	<0.05	<0.1	1.42	7.2	<0.02	2	0.1	0.6	<10	<2
2378789	Soil	0.08	7.2	0.4	<0.05	0.3	2.45	8.9	0.03	<1	<0.1	1.0	<10	2
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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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2378810	Soil	6.97	9.09	72.81	1520	428	46.5	10.9	1129	3.12	3.9	1.2	<0.2	0.7	17.7	15.82	0.68	0.19	62	1.30	0.071
2378811	Soil	8.50	13.94	18.22	283.9	939	24.2	3.1	41	2.02	10.5	1.0	0.8	1.9	32.6	1.80	1.39	0.20	58	0.15	0.039
2378812	Soil	2.29	17.70	39.20	691.9	240	25.8	9.4	1105	2.60	5.0	1.1	<0.2	0.4	18.2	8.20	0.48	0.28	61	1.72	0.098
2378813	Soil	3.03	8.05	15.20	235.3	109	12.9	3.0	53	1.09	2.6	0.6	0.5	0.5	9.1	2.60	0.50	0.12	27	0.22	0.045
2378814	Soil	3.84	36.19	13.51	381.4	283	67.4	6.1	122	1.79	5.5	1.6	1.4	0.8	18.7	1.52	1.14	0.25	45	0.45	0.235
2378815	Soil	6.56	18.15	32.87	1174	1253	34.2	7.4	319	1.93	6.2	1.2	1.2	0.7	49.0	9.44	1.90	0.18	28	1.59	0.120
2378816	Soil	7.39	24.39	31.18	873.8	2084	40.8	6.8	203	1.94	8.9	1.8	1.0	1.1	40.0	9.59	2.34	0.18	41	1.07	0.139
2378817	Soil	8.13	19.32	33.31	552.3	1083	41.0	7.9	346	2.02	8.9	1.6	1.7	0.9	29.5	6.08	2.09	0.18	39	0.59	0.165
2378818	Soil	13.56	24.98	33.23	535.6	1340	70.3	7.7	165	2.19	13.4	2.5	1.0	1.8	24.4	3.02	3.56	0.18	98	0.53	0.143
2378819	Soil	6.49	17.11	23.68	254.8	813	43.5	6.7	293	2.08	5.6	1.2	0.9	0.7	20.5	1.34	1.14	0.15	34	0.77	0.159
2378820	Soil	17.44	36.75	17.32	218.5	1266	93.4	16.7	332	2.20	11.9	2.4	0.8	2.6	23.9	1.54	3.45	0.19	61	1.04	0.173
2378821	Soil	5.87	23.70	15.99	172.5	169	45.6	5.1	75	1.85	5.1	0.7	0.7	<0.1	6.0	0.38	0.99	0.20	49	0.08	0.099
2378822	Soil	7.01	30.71	21.42	221.0	820	47.4	7.0	80	2.05	6.8	0.8	0.2	<0.1	8.6	0.50	1.75	0.18	33	0.07	0.111
2378823	Soil	6.73	29.64	23.54	312.3	576	41.3	7.4	86	2.18	6.0	0.5	0.5	<0.1	7.5	0.39	1.49	0.18	27	0.08	0.060
2378824	Soil	6.43	23.48	19.80	260.4	734	36.6	6.9	111	2.02	6.3	0.7	0.5	<0.1	9.6	0.54	1.58	0.16	24	0.09	0.089
2378825	Soil	5.71	16.30	17.92	186.5	493	29.6	6.5	158	1.94	5.4	0.6	<0.2	<0.1	7.7	0.92	1.26	0.18	22	0.11	0.087
2378826	Soil	6.04	10.70	28.03	204.9	1139	20.4	5.1	311	1.68	4.8	0.5	<0.2	0.2	15.6	1.88	1.09	0.18	30	0.26	0.076
2378827	Soil	9.43	6.66	9.87	21.9	1393	4.0	0.8	9	0.43	2.3	0.6	<0.2	0.3	19.2	0.12	1.10	0.12	89	0.02	0.053

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1
[redacted]											
2378810	Soil	9.0	14.6	0.13	488.9	0.006	<20	1.12	0.002	0.03	<0.1
2378811	Soil	9.1	11.7	0.15	416.3	0.003	<20	0.86	0.002	0.06	<0.1
2378812	Soil	11.5	14.2	0.14	347.4	0.007	<20	1.25	0.004	0.04	<0.1
2378813	Soil	11.0	6.5	0.06	203.2	0.003	<20	0.57	0.001	0.04	<0.1
2378814	Soil	17.7	20.1	0.41	412.3	0.003	<20	0.94	0.002	0.23	<0.1
2378815	Soil	14.2	9.6	0.13	324.8	0.003	<20	0.48	0.003	0.07	<0.1
2378816	Soil	16.8	10.2	0.14	376.7	0.002	<20	0.54	0.002	0.10	<0.1
2378817	Soil	14.3	9.8	0.15	306.8	0.003	<20	0.51	0.002	0.11	<0.1
2378818	Soil	15.3	14.5	0.31	470.5	0.004	<20	0.55	0.003	0.18	0.1
2378819	Soil	24.9	11.0	0.19	116.0	0.004	<20	0.61	0.003	0.11	<0.1
2378820	Soil	23.1	12.3	0.27	124.2	0.006	<20	0.45	0.002	0.17	0.2
2378821	Soil	9.1	12.4	0.16	158.3	0.003	<20	0.58	0.002	0.10	<0.1
2378822	Soil	9.6	8.2	0.06	126.1	0.001	<20	0.48	0.001	0.08	<0.1
2378823	Soil	10.3	6.7	0.06	158.4	0.002	<20	0.40	0.001	0.07	<0.1
2378824	Soil	9.4	9.0	0.07	127.1	0.001	<20	0.35	0.003	0.08	<0.1
2378825	Soil	11.4	7.9	0.06	171.0	0.002	<20	0.45	0.003	0.08	<0.1
2378826	Soil	12.4	8.9	0.08	225.7	0.004	<20	0.50	0.002	0.08	<0.1
2378827	Soil	21.2	9.9	0.02	112.6	0.002	<20	0.60	0.002	0.04	<0.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]											
2378810	Soil	1.4	0.16	0.06	154	0.7	0.05	3.9	0.83	<0.1	<0.02
2378811	Soil	1.4	0.35	0.04	11	1.9	0.07	2.7	0.84	<0.1	<0.02
2378812	Soil	1.4	0.17	0.06	87	0.2	0.05	3.8	0.95	<0.1	<0.02
2378813	Soil	0.9	0.13	0.02	26	0.4	0.02	2.4	0.52	<0.1	<0.02
2378814	Soil	2.0	0.33	0.06	63	1.4	0.05	2.9	1.39	<0.1	0.07
2378815	Soil	1.8	0.22	0.08	351	1.8	<0.02	1.3	0.42	<0.1	0.03
2378816	Soil	2.7	0.26	0.07	290	2.5	0.06	1.3	0.66	<0.1	0.05
2378817	Soil	2.0	0.30	0.08	106	2.0	0.03	1.4	0.69	<0.1	0.04
2378818	Soil	2.7	0.60	0.05	221	1.8	0.02	1.4	1.16	<0.1	0.04
2378819	Soil	1.7	0.24	0.05	91	1.1	0.03	1.3	0.88	<0.1	<0.02
2378820	Soil	3.9	1.01	0.05	190	1.6	0.16	1.0	1.10	<0.1	0.05
2378821	Soil	0.5	0.20	0.04	30	1.6	0.05	2.9	0.69	<0.1	<0.02
2378822	Soil	0.4	0.23	0.04	42	2.4	0.08	1.9	0.78	0.1	<0.02
2378823	Soil	0.4	0.17	0.03	31	1.8	0.04	1.6	0.40	<0.1	<0.02
2378824	Soil	0.4	0.16	0.04	50	1.7	0.09	1.6	0.58	<0.1	<0.02
2378825	Soil	0.4	0.15	0.04	21	0.8	<0.02	2.2	0.48	<0.1	<0.02
2378826	Soil	0.9	0.17	0.04	40	1.2	0.03	2.2	0.58	<0.1	<0.02
2378827	Soil	0.7	0.62	<0.02	16	2.1	0.02	3.0	1.36	0.1	0.02

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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2378810	Soil	1.46	5.5	0.6	<0.05	0.4	5.77	21.7	0.02	<1	0.9	7.0	<10	<2
2378811	Soil	0.48	8.3	0.3	<0.05	0.8	3.57	17.9	0.04	<1	0.5	11.6	<10	<2
2378812	Soil	0.91	8.3	0.6	<0.05	0.4	5.96	22.0	0.03	<1	0.7	9.4	<10	<2
2378813	Soil	0.41	7.0	0.3	<0.05	0.4	1.97	22.5	<0.02	<1	0.2	3.8	<10	<2
2378814	Soil	0.09	14.8	0.6	<0.05	1.8	15.72	23.9	0.05	3	1.2	33.3	<10	<2
2378815	Soil	0.36	8.0	0.2	<0.05	1.0	12.12	32.0	<0.02	2	0.8	6.5	<10	<2
2378816	Soil	0.19	7.6	0.2	<0.05	1.6	18.44	31.3	0.03	3	0.9	8.4	<10	<2
2378817	Soil	0.19	8.1	0.2	<0.05	1.5	14.49	28.6	<0.02	1	0.8	9.1	<10	3
2378818	Soil	0.15	10.5	0.3	<0.05	2.0	14.27	29.4	0.03	2	0.7	17.0	<10	3
2378819	Soil	0.35	8.5	0.2	<0.05	0.7	18.65	65.7	0.05	<1	0.9	19.6	<10	2
2378820	Soil	0.22	9.2	0.2	<0.05	2.1	22.03	39.9	0.03	<1	0.9	14.4	<10	<2
2378821	Soil	0.08	8.2	0.4	<0.05	<0.1	3.21	18.5	<0.02	2	0.5	12.6	<10	<2
2378822	Soil	0.03	10.3	0.3	<0.05	<0.1	3.83	19.2	<0.02	<1	0.3	3.9	<10	6
2378823	Soil	<0.02	7.7	0.2	<0.05	<0.1	3.06	19.7	0.03	1	0.4	3.4	<10	<2
2378824	Soil	<0.02	7.9	0.2	<0.05	<0.1	3.34	18.1	<0.02	<1	0.5	2.8	<10	<2
2378825	Soil	0.12	9.0	0.6	<0.05	<0.1	4.34	24.0	0.02	<1	0.5	2.9	<10	<2
2378826	Soil	0.29	10.4	0.6	<0.05	<0.1	5.52	25.2	<0.02	<1	0.5	4.1	<10	<2
2378827	Soil	0.15	5.9	0.5	<0.05	0.3	2.07	38.7	<0.02	<1	0.1	0.8	<10	<2

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2378828	Soil		20.02	21.00	31.87	76.6	14481	10.7	2.0	43	3.57	26.7	0.7	0.6	0.2	100.5	0.27	1.91	0.46	93	0.03	0.136
2378829	Soil		10.13	11.06	18.89	81.2	3818	10.8	2.2	43	2.52	15.9	0.7	0.6	0.4	47.9	0.32	1.35	0.32	83	0.02	0.176
2378830	Soil		13.34	18.99	22.55	112.6	4560	17.2	3.1	35	2.26	19.1	0.8	0.9	0.3	40.7	0.42	2.42	0.34	71	0.01	0.105
2378831	Soil		14.06	17.62	17.58	105.0	5334	15.8	2.2	17	2.08	20.1	0.7	0.4	0.3	33.9	0.35	2.11	0.29	81	0.02	0.108
2378832	Soil		8.90	7.01	14.19	29.5	4527	5.7	0.6	14	0.64	4.0	0.6	0.6	0.4	14.3	0.22	0.86	0.24	48	0.05	0.073
2378833	Soil		3.41	3.62	8.70	35.0	759	4.7	0.6	4	0.41	1.2	0.2	<0.2	0.4	10.5	0.15	0.50	0.12	40	0.01	0.028
2378834	Soil		5.09	9.10	16.08	61.7	393	7.9	1.4	11	0.75	4.2	0.3	<0.2	0.8	13.3	0.18	0.76	0.18	38	0.04	0.025
2378835	Soil		2.60	4.25	9.25	41.1	713	4.2	0.8	7	0.44	2.4	0.2	<0.2	0.4	10.2	0.13	0.37	0.10	20	0.03	0.021

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		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2378828	Soil		7.3	15.9	0.03	426.2	0.005	<20	0.43	0.007	0.25	<0.1	0.6	0.93	0.57	70	9.2	0.11	4.4	1.95	0.2	<0.02
2378829	Soil		7.1	14.3	0.05	216.0	0.008	<20	0.66	0.002	0.07	<0.1	0.8	0.40	0.09	43	2.9	0.22	3.5	1.51	<0.1	<0.02
2378830	Soil		8.3	9.9	0.04	162.5	0.006	<20	0.51	0.003	0.07	<0.1	0.7	0.39	0.10	49	3.8	0.08	4.8	1.17	<0.1	<0.02
2378831	Soil		5.4	8.8	0.03	181.5	0.003	<20	0.53	0.004	0.06	<0.1	0.6	0.39	0.08	59	3.8	0.06	2.5	1.40	<0.1	<0.02
2378832	Soil		3.0	11.4	0.03	104.5	<0.001	<20	0.48	0.003	0.05	<0.1	0.6	0.29	0.03	36	1.2	0.09	2.6	1.03	<0.1	0.03
2378833	Soil		4.3	5.2	0.01	51.3	<0.001	<20	0.44	0.002	0.04	<0.1	0.6	0.23	<0.02	<5	0.4	0.06	2.4	1.16	<0.1	<0.02
2378834	Soil		7.0	3.2	0.01	57.0	0.002	<20	0.35	0.001	0.06	<0.1	0.5	0.21	<0.02	9	0.8	0.03	2.1	0.71	<0.1	<0.02
2378835	Soil		9.6	3.8	0.02	46.5	0.002	<20	0.34	0.003	0.04	<0.1	0.4	0.16	<0.02	10	0.3	<0.02	2.4	0.82	<0.1	<0.02

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
2378828	Soil	0.41	20.9	1.1	<0.05	<0.1	3.30	15.5	0.03	<1	0.3	1.7	<10	<2
2378829	Soil	0.73	10.6	0.6	<0.05	<0.1	2.57	14.7	<0.02	<1	0.2	1.9	<10	<2
2378830	Soil	0.50	10.2	0.6	<0.05	<0.1	3.06	16.7	<0.02	3	0.2	1.8	<10	<2
2378831	Soil	0.19	9.7	0.3	<0.05	0.3	3.00	10.7	<0.02	<1	0.3	1.5	<10	2
2378832	Soil	0.07	6.7	0.5	<0.05	0.3	1.10	6.3	<0.02	<1	0.2	0.7	<10	<2
2378833	Soil	0.07	6.8	0.2	<0.05	<0.1	1.19	8.8	<0.02	<1	0.2	0.5	<10	<2
2378834	Soil	0.15	7.3	0.2	<0.05	<0.1	1.47	14.8	<0.02	2	<0.1	0.4	<10	<2
2378835	Soil	0.09	6.0	0.4	<0.05	<0.1	1.02	18.7	<0.02	<1	0.1	0.7	<10	<2
[redacted]														

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.

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Project: AKIE
Report Date: September 07, 2013

CERTIFICATE OF ANALYSIS VAN13003387.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																						
1195402	Soil		21.04	20.03	17.78	108.2	3374	20.6	1.6	12	1.66	17.6	1.1	1.8	1.7	39.4	0.68	3.87	0.22	50	0.02	0.079
REP 1195402	QC		21.66	18.82	16.66	110.3	3338	18.3	1.6	13	1.65	17.8	1.2	2.1	1.6	36.1	0.65	3.72	0.23	51	0.01	0.074
1196817	Soil		13.03	20.66	12.09	50.0	7728	25.3	1.6	22	1.18	6.7	3.9	0.9	0.1	12.2	0.77	1.13	0.18	68	0.03	0.101
REP 1196817	QC		12.21	18.71	10.75	46.5	7360	22.5	1.5	21	1.13	6.2	3.7	1.2	<0.1	11.2	0.77	1.10	0.14	64	0.03	0.094
2378480	Soil		7.18	7.42	9.88	36.5	783	10.6	1.8	8	0.66	5.4	0.3	2.3	1.0	7.9	0.27	0.59	0.11	25	<0.01	0.038
REP 2378480	QC		6.95	7.39	9.88	41.6	785	10.3	1.8	8	0.66	5.6	0.4	1.8	1.0	7.8	0.22	0.57	0.10	25	<0.01	0.041
2378697	Soil		12.47	15.18	20.58	85.0	4932	17.3	3.0	37	1.76	10.6	0.7	1.4	1.4	23.3	0.29	1.37	0.32	72	0.02	0.092
REP 2378697	QC		12.91	15.41	21.62	96.0	5023	17.4	3.3	37	1.76	11.1	0.7	0.6	1.3	25.2	0.29	1.36	0.33	73	0.02	0.096
2378733	Soil		16.06	21.81	18.16	122.4	1337	19.1	2.3	14	1.48	15.5	1.5	0.9	0.4	52.9	0.77	4.04	0.21	44	<0.01	0.080
REP 2378733	QC		14.93	18.90	17.91	120.8	1333	19.2	1.9	14	1.46	14.9	1.4	1.9	0.5	50.2	0.79	4.04	0.21	44	0.01	0.078
2378769	Soil		15.96	42.70	16.19	231.9	1499	57.0	14.8	317	2.00	9.6	3.6	3.2	1.7	95.9	13.99	3.81	0.20	43	0.23	0.154
REP 2378769	QC		15.60	39.90	15.07	224.9	1465	53.9	14.4	314	2.01	8.5	3.4	1.3	1.5	88.6	12.94	3.49	0.18	43	0.24	0.147
2378805	Soil		15.87	30.03	14.95	119.4	6833	28.7	12.0	227	5.26	10.0	1.4	1.9	0.6	27.5	4.60	4.74	0.18	44	0.06	0.168
REP 2378805	QC		16.59	29.32	15.34	123.9	6938	29.5	12.1	221	5.28	9.8	1.5	0.9	0.6	28.9	4.74	4.79	0.19	45	0.06	0.181
2378841	Soil		5.49	19.29	13.72	120.2	1125	28.5	4.5	71	1.31	4.9	1.0	1.2	1.0	36.9	1.46	1.27	0.16	32	0.78	0.075
REP 2378841	QC		5.09	19.72	13.43	120.5	1122	29.2	4.1	77	1.32	5.2	1.0	1.6	1.0	35.0	1.48	1.24	0.14	32	0.79	0.082
2378890	Soil		12.27	20.07	27.58	386.6	751	51.5	10.8	237	2.81	16.8	1.1	0.8	2.4	10.8	3.03	2.61	0.18	63	0.27	0.056
REP 2378890	QC		13.04	20.23	27.68	412.8	780	56.8	10.4	256	2.81	19.1	1.2	0.8	2.7	12.1	3.11	3.10	0.19	62	0.27	0.056
Reference Materials																						
STD DS9	Standard		13.32	109.5	122.5	308.7	1816	41.3	7.4	567	2.33	25.7	3.2	107.9	5.8	66.1	2.34	4.61	7.22	40	0.67	0.079
STD DS9	Standard		12.77	114.2	122.0	335.2	2213	40.5	7.4	566	2.30	25.3	2.4	193.2	5.6	66.6	2.43	4.82	7.45	38	0.70	0.082
STD DS9	Standard		14.21	109.9	125.6	326.1	1849	42.0	8.0	600	2.40	26.0	2.6	121.3	5.9	71.0	2.54	4.76	7.74	40	0.74	0.085
STD DS9	Standard		13.01	109.9	126.6	330.2	2028	40.1	7.5	587	2.35	27.1	2.7	110.2	6.0	72.8	2.41	4.66	7.29	40	0.72	0.084
STD DS9	Standard		11.92	108.6	123.8	306.3	1757	39.6	7.5	556	2.24	23.8	2.3	99.3	5.1	60.3	2.25	4.50	6.90	37	0.68	0.078
STD DS9	Standard		12.69	108.4	119.3	324.6	2114	39.0	7.8	562	2.30	24.6	2.7	102.8	5.7	63.0	2.34	4.33	6.81	39	0.67	0.083
STD DS9	Standard		13.09	112.7	125.4	324.3	2219	39.1	7.6	577	2.42	24.5	2.7	129.7	6.4	73.4	2.60	4.77	6.91	41	0.73	0.087
STD DS9	Standard		12.44	111.7	130.3	320.1	2025	41.2	7.4	577	2.39	25.1	2.7	126.3	6.2	73.6	2.50	4.70	6.83	41	0.72	0.087
STD DS9	Standard		14.40	113.2	138.5	325.7	1740	40.3	7.6	612	2.38	26.2	2.8	102.4	6.3	62.5	2.37	6.37	7.01	40	0.73	0.079

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Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1195402	Soil	4.4	5.9	0.05	154.2	<0.001	<20	0.42	0.003	0.06	<0.1	1.0	0.75	0.08	95	4.1	0.09	1.5	0.79	<0.1	0.04
REP 1195402	QC	4.2	5.9	0.05	150.1	<0.001	<20	0.43	0.002	0.06	<0.1	1.0	0.77	0.08	91	4.2	0.10	1.5	0.80	<0.1	<0.02
1196817	Soil	7.0	10.4	0.03	122.7	0.002	<20	0.70	0.001	0.04	<0.1	0.5	0.31	0.04	107	1.7	0.07	3.3	0.86	<0.1	<0.02
REP 1196817	QC	7.0	9.2	0.03	115.4	0.001	<20	0.67	0.001	0.04	<0.1	0.5	0.29	0.04	58	1.7	0.08	2.9	0.77	<0.1	<0.02
2378480	Soil	9.7	4.8	0.03	46.0	0.001	<20	0.43	<0.001	0.04	<0.1	0.7	0.24	<0.02	34	0.4	0.04	2.1	0.75	<0.1	<0.02
REP 2378480	QC	9.7	4.9	0.03	50.6	0.001	<20	0.43	<0.001	0.04	<0.1	0.8	0.24	<0.02	41	0.4	0.05	2.0	0.78	<0.1	<0.02
2378697	Soil	8.5	12.5	0.07	141.1	0.003	<20	0.71	0.003	0.06	<0.1	1.1	0.41	0.07	41	2.1	0.13	3.9	0.97	<0.1	0.02
REP 2378697	QC	8.4	13.3	0.07	146.1	0.003	<20	0.72	0.004	0.06	<0.1	1.2	0.45	0.07	41	2.1	0.13	4.2	1.04	<0.1	<0.02
2378733	Soil	14.3	7.0	0.04	175.7	<0.001	<20	0.48	0.005	0.07	<0.1	0.5	0.60	0.09	75	2.5	<0.02	1.4	0.89	<0.1	<0.02
REP 2378733	QC	14.6	7.1	0.04	168.0	<0.001	<20	0.47	0.005	0.07	<0.1	0.5	0.58	0.10	47	2.3	0.06	1.6	0.92	<0.1	<0.02
2378769	Soil	13.5	11.0	0.18	940.0	0.002	<20	0.79	0.004	0.07	<0.1	2.5	0.42	0.08	149	4.8	0.13	1.5	0.67	<0.1	0.04
REP 2378769	QC	12.4	11.0	0.19	949.0	0.002	<20	0.80	0.005	0.07	<0.1	2.3	0.41	0.08	135	4.9	0.06	1.5	0.62	<0.1	0.07
2378805	Soil	5.0	10.3	0.07	354.0	0.002	<20	0.65	0.002	0.07	<0.1	0.9	0.28	0.15	171	11.0	0.16	1.7	0.87	0.2	<0.02
REP 2378805	QC	4.9	9.8	0.07	369.5	0.002	<20	0.66	0.003	0.07	<0.1	0.9	0.30	0.15	162	11.4	0.11	1.8	0.90	<0.1	<0.02
2378841	Soil	11.3	10.4	0.16	278.1	0.003	<20	0.54	<0.001	0.07	<0.1	2.0	0.17	0.03	83	0.9	0.03	1.9	0.40	<0.1	0.03
REP 2378841	QC	10.9	10.8	0.16	271.7	0.003	<20	0.55	<0.001	0.06	<0.1	1.9	0.17	0.03	96	1.0	0.08	1.7	0.37	<0.1	<0.02
2378890	Soil	15.5	11.0	0.22	739.3	0.001	<20	0.92	0.002	0.09	<0.1	1.6	0.42	0.03	34	1.5	0.07	2.4	0.46	<0.1	<0.02
REP 2378890	QC	17.8	11.2	0.23	726.2	0.002	<20	0.90	0.001	0.09	<0.1	1.7	0.48	0.03	45	1.9	0.07	2.3	0.60	<0.1	<0.02
Reference Materials																					
STD DS9	Standard	12.0	111.8	0.61	321.0	0.103	<20	0.92	0.077	0.39	2.9	2.1	5.47	0.17	204	5.1	5.08	4.4	2.43	0.1	0.08
STD DS9	Standard	11.9	117.4	0.61	324.3	0.101	<20	0.91	0.079	0.39	2.8	2.4	5.52	0.17	227	5.4	4.88	4.5	2.43	0.1	0.07
STD DS9	Standard	13.4	117.4	0.64	345.7	0.110	<20	0.97	0.084	0.41	2.3	2.5	5.81	0.17	194	5.8	5.46	4.9	2.49	0.1	0.05
STD DS9	Standard	11.7	118.6	0.62	346.9	0.105	<20	0.95	0.083	0.41	2.8	2.6	5.54	0.17	210	5.0	4.75	5.2	2.59	0.1	0.09
STD DS9	Standard	11.2	110.2	0.59	309.1	0.099	<20	0.86	0.071	0.39	2.5	2.2	5.40	0.16	196	4.8	4.59	4.5	2.34	<0.1	0.05
STD DS9	Standard	10.8	114.7	0.60	311.6	0.096	<20	0.90	0.076	0.39	2.9	2.3	5.39	0.16	238	5.0	4.86	4.5	2.49	<0.1	0.04
STD DS9	Standard	13.0	113.5	0.63	317.0	0.110	<20	0.95	0.083	0.40	3.1	2.7	5.63	0.18	179	5.4	5.67	4.7	2.44	<0.1	0.08
STD DS9	Standard	12.6	118.1	0.63	320.2	0.110	<20	0.97	0.078	0.40	2.6	2.5	5.29	0.17	189	5.3	5.65	4.7	2.44	0.2	0.06
STD DS9	Standard	14.5	123.8	0.63	340.0	0.113	<20	0.96	0.084	0.40	4.1	2.2	5.39	0.17	213	5.3	5.09	4.3	2.42	<0.1	0.05

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Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
1195402	Soil	0.07	6.2	0.3	<0.05	0.5	2.89	8.8	0.04	<1	0.3	5.1	<10	<2
REP 1195402	QC	0.05	6.1	0.4	<0.05	0.5	2.62	8.3	0.03	4	0.3	5.0	<10	<2
1196817	Soil	0.25	5.3	0.5	<0.05	<0.1	2.49	12.7	<0.02	2	0.4	0.9	13	<2
REP 1196817	QC	0.21	4.7	0.4	<0.05	0.1	2.31	12.3	0.02	1	0.4	0.8	<10	<2
2378480	Soil	0.09	5.3	0.1	<0.05	0.4	1.38	18.9	0.02	<1	0.1	1.8	<10	<2
REP 2378480	QC	0.09	5.3	0.2	<0.05	0.3	1.40	18.8	<0.02	<1	0.1	1.8	<10	3
2378697	Soil	0.50	7.5	1.0	<0.05	0.5	2.23	16.9	<0.02	1	0.1	3.0	<10	<2
REP 2378697	QC	0.53	8.0	1.3	<0.05	0.6	2.31	18.0	0.03	<1	0.2	2.6	<10	2
2378733	Soil	0.03	10.8	0.2	<0.05	0.2	4.13	26.2	0.02	<1	0.3	2.9	<10	<2
REP 2378733	QC	0.04	10.5	0.3	<0.05	0.2	3.97	26.7	0.03	4	0.2	3.1	<10	2
2378769	Soil	0.14	5.3	0.2	<0.05	1.7	20.33	28.2	0.04	4	0.5	11.2	<10	<2
REP 2378769	QC	0.09	5.1	0.2	<0.05	1.5	19.12	27.0	0.03	<1	0.6	10.1	<10	4
2378805	Soil	0.22	7.3	0.2	<0.05	0.8	7.35	10.2	0.04	<1	0.4	4.8	<10	<2
REP 2378805	QC	0.20	7.6	0.2	<0.05	0.5	7.55	10.4	0.02	2	0.5	5.0	<10	2
2378841	Soil	0.21	4.8	0.3	<0.05	0.7	7.37	22.9	0.02	<1	0.4	5.1	<10	<2
REP 2378841	QC	0.28	4.7	0.3	<0.05	0.7	6.93	22.2	<0.02	2	0.4	5.2	<10	<2
2378890	Soil	0.36	7.9	0.3	<0.05	0.7	5.41	32.5	0.04	<1	0.5	13.5	<10	<2
REP 2378890	QC	0.30	7.7	0.4	<0.05	0.7	6.23	37.5	0.03	<1	0.6	14.5	<10	<2
Reference Materials														
STD DS9	Standard	0.93	33.5	6.4	<0.05	1.6	5.28	23.9	2.24	43	5.1	27.0	150	365
STD DS9	Standard	0.93	33.2	6.9	<0.05	1.5	5.43	24.5	2.30	52	5.6	25.9	120	361
STD DS9	Standard	0.98	37.1	6.4	<0.05	1.8	6.02	28.0	2.31	78	6.1	26.8	108	359
STD DS9	Standard	0.92	35.8	7.3	<0.05	1.8	5.57	24.2	2.42	62	5.2	28.3	137	387
STD DS9	Standard	0.83	32.8	5.9	<0.05	1.3	4.67	21.3	2.01	66	6.4	27.0	132	359
STD DS9	Standard	0.81	35.4	6.5	<0.05	1.3	4.94	22.4	2.34	56	5.5	24.0	121	345
STD DS9	Standard	1.06	35.4	6.7	<0.05	1.9	5.84	26.4	2.09	68	5.4	25.8	131	349
STD DS9	Standard	1.09	36.3	6.7	<0.05	1.8	5.65	25.4	2.12	57	6.1	26.5	128	340
STD DS9	Standard	1.29	33.7	6.2	<0.05	1.3	5.90	28.6	2.25	55	5.8	27.5	175	345

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
STD OREAS45EA	Standard	1.48	644.0	14.40	26.6	267	350.1	51.8	370	21.79	7.5	1.8	59.6	10.5	3.6	0.03	0.16	0.27	284	0.04	0.025
STD OREAS45EA	Standard	1.23	642.4	13.96	29.0	282	362.4	51.5	387	23.32	7.7	1.7	54.7	10.0	3.8	0.02	0.17	0.27	285	0.04	0.028
STD OREAS45EA	Standard	1.45	674.5	14.87	28.4	281	384.4	52.6	396	23.88	8.9	1.8	54.1	10.5	3.8	0.03	0.15	0.26	296	0.04	0.028
STD OREAS45EA	Standard	1.36	649.9	13.72	28.2	266	354.1	51.7	384	21.92	7.2	1.6	62.5	10.1	3.5	0.03	0.20	0.25	283	0.04	0.026
STD OREAS45EA	Standard	1.39	674.5	14.79	32.1	275	375.3	52.6	392	24.05	7.6	1.9	50.7	11.2	3.7	0.02	0.14	0.28	295	0.04	0.028
STD OREAS45EA	Standard	1.45	676.3	14.41	28.6	336	368.0	51.2	405	22.63	8.4	1.7	55.8	10.9	3.9	0.04	0.20	0.26	292	0.05	0.028
STD OREAS45EA	Standard	1.49	658.2	14.74	28.1	273	356.0	50.7	360	22.67	7.3	1.7	68.0	10.3	3.5	0.06	0.24	0.27	287	0.04	0.027
STD OREAS45EA	Standard	1.20	620.0	14.36	27.4	234	345.8	49.7	368	22.17	7.6	1.8	53.7	10.4	3.7	0.06	0.19	0.28	299	0.04	0.027
STD OREAS45EA	Standard	1.85	702.6	17.25	33.2	252	391.3	53.2	385	25.41	11.5	2.1	60.5	12.3	3.3	0.02	0.28	0.30	304	0.05	0.029
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected		1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032	0.029
BLK	Blank	<0.01	0.19	0.03	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.04	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.07	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.06	0.01	<0.1	6	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.03	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.07	<0.01	<0.1	10	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.05	0.03	<0.1	10	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.04	0.04	<0.1	5	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.05	<0.01	0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
STD OREAS45EA	Standard	6.9	785.8	0.10	148.3	0.088	<20	2.84	0.019	0.05	<0.1	74.8	0.06	0.04	12	0.1	0.12	11.9	0.66	0.2	0.63
STD OREAS45EA	Standard	6.8	853.0	0.10	151.7	0.084	<20	2.94	0.023	0.05	<0.1	74.1	0.06	0.04	8	0.1	0.05	12.5	0.66	0.2	0.69
STD OREAS45EA	Standard	7.1	873.7	0.10	150.5	0.094	<20	3.11	0.023	0.05	<0.1	82.8	0.07	0.04	12	0.4	0.05	13.3	0.69	0.2	0.70
STD OREAS45EA	Standard	6.9	829.1	0.09	154.2	0.085	<20	2.89	0.019	0.05	<0.1	75.4	0.05	0.04	<5	<0.1	0.05	12.4	0.63	0.3	0.66
STD OREAS45EA	Standard	7.6	824.0	0.10	147.3	0.088	<20	3.06	0.024	0.05	<0.1	83.3	0.07	0.04	10	0.4	0.05	13.0	0.70	0.3	0.66
STD OREAS45EA	Standard	6.9	862.0	0.10	150.4	0.087	<20	2.98	0.019	0.05	<0.1	83.9	0.07	0.04	17	0.4	0.14	12.9	0.71	0.2	0.69
STD OREAS45EA	Standard	6.7	808.1	0.09	139.4	0.093	<20	2.85	0.023	0.05	<0.1	77.9	0.05	0.04	23	0.4	0.13	11.9	0.61	0.3	0.58
STD OREAS45EA	Standard	6.6	795.9	0.09	142.8	0.079	<20	2.99	0.018	0.06	<0.1	76.0	0.06	0.03	13	0.4	0.07	11.4	0.59	0.3	0.37
STD OREAS45EA	Standard	7.6	930.3	0.10	147.5	0.104	<20	3.17	0.024	0.05	<0.1	81.6	0.03	0.04	9	1.2	0.14	12.8	0.69	0.3	0.45
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected		8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77	0.26	0.82
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 07, 2013

QUALITY CONTROL REPORT VAN13003387.1

		1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD OREAS45EA	Standard	0.05	7.1	0.9	<0.05	19.6	5.02	19.2	0.10	<1	0.4	2.2	65	108
STD OREAS45EA	Standard	0.06	7.0	0.9	<0.05	20.9	5.25	19.3	0.11	<1	0.5	2.7	58	105
STD OREAS45EA	Standard	0.06	8.2	0.9	<0.05	21.6	5.42	19.8	0.10	<1	0.5	2.8	52	112
STD OREAS45EA	Standard	0.07	7.8	0.9	<0.05	21.7	5.33	18.9	0.08	<1	0.5	2.4	61	105
STD OREAS45EA	Standard	0.07	8.0	0.8	<0.05	22.3	5.45	20.0	0.06	<1	0.3	2.4	77	124
STD OREAS45EA	Standard	0.06	7.7	0.9	<0.05	21.3	5.48	19.4	0.07	<1	0.4	2.4	79	137
STD OREAS45EA	Standard	0.08	6.7	1.0	<0.05	21.0	5.00	18.9	0.08	<1	0.4	2.1	82	133
STD OREAS45EA	Standard	0.05	6.8	0.8	<0.05	15.1	5.30	17.8	0.07	<1	0.4	2.5	36	102
STD OREAS45EA	Standard	0.07	7.1	0.8	<0.05	16.5	5.75	21.6	0.08	<1	0.4	2.6	91	124
STD DS9 Expected		0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.4	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.2	<0.02	<1	<0.1	<0.1	<10	2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: August 28, 2013
Report Date: September 23, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13003388.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CCZ3 Aug 20/13
P.O. Number
Number of Samples: 23

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	23	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1F04	23	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
4A01	23	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.1	Completed	VAN
7AR	7	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.4	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 23, 2013

CERTIFICATE OF ANALYSIS VAN13003388.1

		Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1195451	Rock		4.52	1.76	145.0	360.1	>10000	428	35.6	17.3	123	0.56	1.7	1.0	<0.2	0.4	383.3	427.7	2.91	<0.02	26	6.92
1195452	Rock		4.31	0.18	49.41	195.2	7222	252	2.5	2.4	13	0.20	<0.1	<0.1	<0.2	<0.1	56.2	56.56	0.92	<0.02	2	0.04
1195453	Rock		5.01	0.12	41.55	267.0	5019	227	1.3	2.5	14	0.16	0.2	<0.1	<0.2	<0.1	60.8	37.09	0.74	<0.02	<2	0.02
1195454	Rock		5.57	0.08	54.30	>10000	5312	4331	5.4	7.7	26	0.18	<0.1	<0.1	<0.2	<0.1	79.4	56.15	5.72	0.03	<2	0.39
1195455	Rock		2.48	27.07	117.5	650.9	7540	1226	29.6	10.7	76	1.30	16.9	4.2	0.8	2.7	24.7	72.60	2.48	0.11	32	0.19
1195456	Rock		14.40	0.35	27.79	>10000	4916	9442	4.0	1.2	9	0.07	<0.1	0.1	<0.2	<0.1	33.4	38.66	10.10	0.03	<2	0.03
1195457	Rock		4.04	0.16	27.60	139.3	>10000	114	6.4	3.1	17	0.11	<0.1	0.2	<0.2	<0.1	52.4	104.3	0.39	<0.02	<2	0.05
1195458	Rock		5.19	0.15	48.17	51.37	>10000	149	3.1	2.3	13	0.17	<0.1	<0.1	<0.2	<0.1	41.3	88.95	0.64	<0.02	<2	0.07
1195459	Rock		2.50	0.36	85.50	74.21	7312	387	5.7	4.3	24	0.25	0.3	0.1	1.1	0.3	52.0	66.70	1.33	<0.02	3	0.25
1195460	Rock		1.85	0.68	36.89	290.7	9102	355	15.0	7.8	140	0.83	2.0	0.5	0.7	2.4	62.3	85.93	0.66	0.03	6	2.46
1195461	Rock		1.86	39.97	73.04	657.2	2587	644	32.4	11.7	42	1.49	23.6	6.1	0.6	3.0	10.8	25.53	2.54	0.09	24	0.08
1195462	Rock		5.35	0.17	10.73	842.3	1158	212	2.0	1.8	11	0.06	<0.1	<0.1	<0.2	<0.1	51.5	7.68	0.42	<0.02	<2	<0.01
1195463	Rock		3.79	0.15	24.45	3463	817.4	740	0.6	1.1	7	0.14	<0.1	<0.1	<0.2	<0.1	39.7	8.45	1.28	<0.02	<2	0.01
1195464	Rock		1.83	16.46	98.67	680.9	>10000	1198	52.0	25.2	50	1.51	16.7	2.3	<0.2	2.7	21.3	80.61	2.36	0.08	64	0.15
1195465	Rock		2.08	0.53	96.16	105.5	>10000	417	13.4	11.8	38	0.36	0.6	0.5	<0.2	0.2	51.2	198.5	1.27	<0.02	6	0.32
1195466	Rock		2.05	0.71	57.99	17.59	6327	137	22.8	23.9	105	0.57	1.8	0.4	1.3	2.1	152.7	99.32	0.61	0.16	18	2.77
1195467	Rock		6.15	0.05	23.40	3.29	4888	28	4.5	8.1	15	0.09	0.1	<0.1	<0.2	<0.1	74.1	41.37	0.09	<0.02	<2	0.33
1195468	Rock		4.53	0.05	41.30	39.36	6689	132	1.4	2.0	7	0.12	<0.1	<0.1	<0.2	<0.1	34.7	43.87	0.56	<0.02	<2	0.12
1195469	Rock		4.39	0.20	66.23	66.69	9671	168	4.9	3.5	28	0.22	0.3	0.2	0.3	0.3	72.7	77.66	0.37	<0.02	<2	0.59
1195470	Rock		3.57	0.43	35.69	23.84	8723	166	10.1	10.3	108	0.51	1.1	0.3	<0.2	1.8	40.4	93.87	0.65	<0.02	3	1.58
1195471	Rock		1.03	0.54	11.12	16.13	2190	124	12.4	5.6	139	0.76	2.1	0.4	<0.2	3.7	29.5	38.22	0.45	0.03	5	2.12
1195472	Rock		2.27	0.08	9.42	10.06	7650	55	8.1	2.2	28	0.18	<0.1	0.5	<0.2	0.2	27.4	40.84	0.12	<0.02	<2	0.13
1195473	Rock		1.58	1.63	16.44	26.50	1207	284	19.9	6.7	123	1.27	3.3	1.1	<0.2	4.4	27.5	13.07	0.69	0.04	9	1.07

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Project: AKIE
Report Date: September 23, 2013

CERTIFICATE OF ANALYSIS VAN13003388.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1195451	Rock		0.014	3.3	5.5	0.10	1698	0.003	<20	0.16	0.002	<0.01	<0.1	1.3	0.04	0.18	18136	4.6	<0.02	4.5	0.07	4.1
1195452	Rock		0.003	<0.5	1.4	<0.01	219.4	<0.001	<20	0.03	0.002	<0.01	<0.1	0.1	<0.02	0.25	14584	1.7	<0.02	5.6	0.04	2.8
1195453	Rock		0.003	<0.5	1.0	<0.01	271.7	<0.001	<20	0.01	0.001	<0.01	<0.1	<0.1	<0.02	0.23	10631	1.2	<0.02	2.8	0.03	3.1
1195454	Rock		0.003	1.0	3.8	0.08	169.1	<0.001	<20	0.07	0.002	<0.01	<0.1	0.4	0.26	0.41	7145	2.9	<0.02	1.3	0.03	3.2
1195455	Rock		0.068	12.2	6.3	0.05	7251	0.001	<20	0.97	0.002	0.10	0.1	1.7	0.30	0.08	7598	5.3	0.09	6.1	1.00	0.5
1195456	Rock		0.002	<0.5	0.9	<0.01	96.9	<0.001	<20	0.03	0.003	<0.01	<0.1	0.1	0.50	0.65	2582	10.1	<0.02	0.6	<0.02	2.3
1195457	Rock		0.004	<0.5	0.9	<0.01	2364	<0.001	<20	0.04	0.002	<0.01	<0.1	0.2	<0.02	0.07	2835	1.2	<0.02	0.8	0.04	1.2
1195458	Rock		0.002	<0.5	1.1	<0.01	279.9	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.1	<0.02	0.24	10940	1.2	<0.02	1.5	0.03	3.9
1195459	Rock		0.008	1.2	7.7	0.16	3254	<0.001	<20	0.23	0.001	<0.01	<0.1	0.8	<0.02	0.10	17163	2.0	<0.02	3.0	0.07	4.1
1195460	Rock		0.050	11.2	5.7	1.41	3884	0.001	<20	0.39	0.003	0.10	<0.1	2.6	0.06	0.10	1703	1.1	<0.02	1.3	0.46	0.2
1195461	Rock		0.044	13.3	6.3	0.02	>10000	<0.001	<20	1.88	<0.001	0.08	0.2	2.5	0.29	0.03	1859	6.1	0.11	2.9	0.96	0.2
1195462	Rock		0.002	<0.5	1.3	<0.01	2645	<0.001	<20	0.02	0.002	<0.01	<0.1	0.1	<0.02	0.09	892	0.9	<0.02	0.3	0.02	0.9
1195463	Rock		0.003	<0.5	1.3	<0.01	1917	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.1	0.03	0.13	9913	0.6	<0.02	2.9	0.03	4.6
1195464	Rock		0.035	9.5	9.6	0.05	>10000	<0.001	<20	1.83	<0.001	0.10	0.1	2.1	0.29	0.04	2635	10.8	0.09	2.5	0.88	0.2
1195465	Rock		0.003	0.9	4.5	0.03	75.7	<0.001	<20	0.07	0.002	<0.01	<0.1	0.4	<0.02	0.71	14776	2.7	0.03	3.4	0.06	10.0
1195466	Rock		0.028	8.2	13.7	1.67	>10000	0.001	<20	1.83	<0.001	0.02	0.1	2.1	0.02	0.02	2812	1.2	<0.02	1.9	0.10	1.5
1195467	Rock		0.002	<0.5	1.2	0.01	2926	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.2	<0.02	0.12	1138	0.4	<0.02	0.5	<0.02	1.0
1195468	Rock		0.001	<0.5	0.6	<0.01	382.1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	0.21	10883	0.5	<0.02	1.1	<0.02	5.2
1195469	Rock		0.006	1.4	2.8	<0.01	245.2	<0.001	<20	0.05	0.001	0.01	<0.1	0.3	<0.02	0.28	2656	0.9	<0.02	0.7	0.05	1.7
1195470	Rock		0.023	4.4	5.5	0.86	2507	<0.001	<20	0.12	0.002	0.07	<0.1	1.5	<0.02	0.17	4040	1.4	<0.02	1.0	0.24	0.3
1195471	Rock		0.039	8.1	4.4	1.22	1435	0.001	<20	0.21	0.003	0.12	<0.1	2.4	0.02	0.16	353	0.7	<0.02	0.4	0.40	<0.1
1195472	Rock		0.001	<0.5	1.1	<0.01	3148	<0.001	<20	0.05	0.002	<0.01	<0.1	0.3	<0.02	0.12	1236	0.4	<0.02	0.3	<0.02	0.6
1195473	Rock		0.083	11.1	6.8	0.49	1306	0.002	<20	0.27	0.002	0.14	<0.1	2.3	0.09	0.10	320	1.0	<0.02	0.7	0.29	<0.1

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CERTIFICATE OF ANALYSIS VAN13003388.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A	7AR	7AR
		Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	Pb	Zn
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	%	%
		MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	10	0.01	0.01
1195451	Rock		0.02	0.04	0.4	0.4	<0.05	0.4	7.98	10.9	0.02	<1	<0.1	1.4	<10	<2	115870	0.04	5.12
1195452	Rock		<0.02	0.02	0.3	<0.1	<0.05	0.2	0.25	1.0	0.02	<1	<0.1	0.3	<10	<2	317822		
1195453	Rock		<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.11	0.4	<0.02	<1	<0.1	0.2	<10	<2	300564		
1195454	Rock		<0.02	<0.02	0.3	<0.1	<0.05	0.2	0.55	2.2	<0.02	<1	<0.1	0.4	<10	<2	294255	1.77	0.56
1195455	Rock		0.05	0.04	5.2	0.2	<0.05	1.8	6.86	21.4	0.03	37	0.3	2.8	<10	<2	67572		
1195456	Rock		<0.02	<0.02	<0.1	<0.1	<0.05	0.3	0.65	0.7	<0.02	2	<0.1	0.2	<10	<2	370838	3.72	0.51
1195457	Rock		<0.02	<0.02	0.2	<0.1	<0.05	0.3	1.16	1.1	<0.02	<1	<0.1	0.3	<10	<2	346034	0.03	1.04
1195458	Rock		<0.02	<0.02	0.1	<0.1	<0.05	0.2	0.49	0.9	<0.02	<1	<0.1	0.2	<10	<2	326154	<0.01	1.21
1195459	Rock		<0.02	<0.02	0.6	<0.1	<0.05	0.8	0.62	2.1	<0.02	<1	<0.1	0.4	<10	<2	296836		
1195460	Rock		<0.02	<0.02	3.0	<0.1	<0.05	0.4	4.92	19.3	<0.02	<1	0.1	2.4	<10	<2	51315		
1195461	Rock		0.17	<0.02	4.0	<0.1	<0.05	4.5	3.83	24.3	<0.02	63	0.5	1.9	<10	2	79536		
1195462	Rock		<0.02	<0.02	0.1	<0.1	<0.05	0.3	0.37	0.8	<0.02	<1	<0.1	0.2	<10	<2	349376		
1195463	Rock		<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.12	0.8	<0.02	<1	<0.1	0.1	<10	<2	315157		
1195464	Rock		0.11	<0.02	4.7	<0.1	<0.05	4.7	4.78	16.2	<0.02	28	0.4	2.4	<10	2	70768	0.06	1.19
1195465	Rock		<0.02	<0.02	0.3	<0.1	<0.05	0.5	2.27	2.3	0.05	<1	<0.1	0.4	<10	<2	188057	<0.01	2.65
1195466	Rock		0.07	<0.02	1.2	<0.1	<0.05	1.6	3.17	14.9	<0.02	<1	0.3	0.9	<10	<2	139906		
1195467	Rock		<0.02	<0.02	<0.1	<0.1	<0.05	0.2	0.55	0.6	<0.02	<1	<0.1	0.1	<10	<2	310342		
1195468	Rock		<0.02	<0.02	<0.1	<0.1	<0.05	0.1	0.32	0.7	<0.02	<1	<0.1	0.1	<10	<2	344555		
1195469	Rock		<0.02	<0.02	0.5	<0.1	<0.05	0.3	0.52	2.3	<0.02	<1	<0.1	0.3	<10	<2	297520		
1195470	Rock		0.04	<0.02	2.0	<0.1	<0.05	1.7	2.95	7.6	<0.02	6	<0.1	1.1	<10	<2	82819		
1195471	Rock		0.03	<0.02	3.4	<0.1	<0.05	2.4	4.08	14.7	<0.02	2	0.1	1.8	<10	<2	6110		
1195472	Rock		<0.02	<0.02	<0.1	<0.1	<0.05	0.5	1.68	1.0	<0.02	<1	<0.1	0.2	<10	<2	268404		
1195473	Rock		0.15	<0.02	4.0	<0.1	<0.05	7.3	8.75	25.6	<0.02	4	0.1	2.1	<10	2	8667		

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QUALITY CONTROL REPORT VAN13003388.1

	Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
1195457	Rock	4.04	0.16	27.60	139.3	>10000	114	6.4	3.1	17	0.11	<0.1	0.2	<0.2	<0.1	52.4	104.3	0.39	<0.02	<2	0.05
REP 1195457	QC		0.17	27.74	121.7	>10000	99	6.8	3.1	16	0.11	0.1	0.2	<0.2	<0.1	53.8	105.4	0.41	<0.02	<2	0.04
1195471	Rock	1.03	0.54	11.12	16.13	2190	124	12.4	5.6	139	0.76	2.1	0.4	<0.2	3.7	29.5	38.22	0.45	0.03	5	2.12
REP 1195471	QC		0.52	10.28	15.85	2144	113	12.0	5.4	135	0.75	2.3	0.3	<0.2	3.3	29.2	37.41	0.43	0.03	5	2.09
1195473	Rock	1.58	1.63	16.44	26.50	1207	284	19.9	6.7	123	1.27	3.3	1.1	<0.2	4.4	27.5	13.07	0.69	0.04	9	1.07
REP 1195473	QC																				
Core Reject Duplicates																					
1195466	Rock	2.05	0.71	57.99	17.59	6327	137	22.8	23.9	105	0.57	1.8	0.4	1.3	2.1	152.7	99.32	0.61	0.16	18	2.77
DUP 1195466	QC		0.58	60.11	16.74	6532	134	24.3	25.4	98	0.54	1.6	0.4	2.4	1.9	150.6	103.9	0.62	0.04	17	2.82
Reference Materials																					
STD DS9	Standard		11.97	104.7	128.4	323.5	1808	39.3	7.6	565	2.28	25.0	2.6	130.1	6.3	65.0	2.56	4.51	5.89	38	0.67
STD DS9	Standard		13.47	109.5	147.1	327.9	2068	42.0	7.3	592	2.31	25.9	2.8	116.8	6.5	71.1	2.57	4.58	7.24	38	0.69
STD GC-7	Standard																				
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OREAS133B	Standard																				
STD OREAS45EA	Standard		1.20	604.5	13.83	25.7	242	334.6	42.9	352	19.18	7.4	1.7	51.5	10.1	3.5	0.04	0.19	0.19	273	0.03
STD OREAS45EA	Standard		1.55	685.7	15.56	29.6	266	368.5	48.7	403	22.82	8.4	1.9	53.8	10.7	3.5	0.04	0.21	0.27	299	0.04
STD SO-18	Standard																				
STD SO-18	Standard																				
STD SO-18 Expected																					
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected			1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032
STD GC-7 Expected																					
STD OREAS133B Expected																					
BLK	Blank																				
BLK	Blank		<0.01	0.05	0.06	0.8	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.02	<0.02	<0.02	<2	<0.01
BLK	Blank																				

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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 23, 2013

QUALITY CONTROL REPORT VAN13003388.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
1195457	Rock		0.004	<0.5	0.9	<0.01	2364	<0.001	<20	0.04	0.002	<0.01	<0.1	0.2	<0.02	0.07	2835	1.2	<0.02	0.8	0.04	1.2
REP 1195457	QC		0.004	<0.5	0.9	<0.01	2320	<0.001	<20	0.04	0.001	<0.01	<0.1	0.2	<0.02	0.07	2939	1.2	<0.02	0.9	0.04	1.0
1195471	Rock		0.039	8.1	4.4	1.22	1435	0.001	<20	0.21	0.003	0.12	<0.1	2.4	0.02	0.16	353	0.7	<0.02	0.4	0.40	<0.1
REP 1195471	QC		0.038	7.7	4.6	1.19	1416	0.001	<20	0.20	0.003	0.12	<0.1	2.4	0.02	0.16	283	0.5	<0.02	0.4	0.39	<0.1
1195473	Rock		0.083	11.1	6.8	0.49	1306	0.002	<20	0.27	0.002	0.14	<0.1	2.3	0.09	0.10	320	1.0	<0.02	0.7	0.29	<0.1
REP 1195473	QC																					
Core Reject Duplicates																						
1195466	Rock		0.028	8.2	13.7	1.67	>10000	0.001	<20	1.83	<0.001	0.02	0.1	2.1	0.02	0.02	2812	1.2	<0.02	1.9	0.10	1.5
DUP 1195466	QC		0.026	8.0	11.7	1.71	>10000	<0.001	<20	1.85	<0.001	0.02	<0.1	2.3	0.05	0.02	2916	1.0	<0.02	2.1	0.10	1.2
Reference Materials																						
STD DS9	Standard		0.083	11.5	111.6	0.59	351.2	0.093	<20	0.88	0.074	0.38	2.6	2.4	5.46	0.16	237	5.8	5.37	4.5	2.48	<0.1
STD DS9	Standard		0.085	12.4	119.7	0.60	371.7	0.100	<20	0.93	0.081	0.39	3.0	2.5	5.82	0.16	256	5.6	5.37	4.7	2.41	<0.1
STD GC-7	Standard																					
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OREAS133B	Standard																					
STD OREAS45EA	Standard		0.024	6.2	749.0	0.08	180.1	0.073	<20	2.72	0.018	0.05	<0.1	75.6	0.05	0.04	35	0.6	0.10	11.1	0.61	0.6
STD OREAS45EA	Standard		0.028	6.6	850.0	0.10	145.9	0.085	<20	3.08	0.020	0.05	<0.1	76.7	0.05	0.04	31	0.5	0.11	12.2	0.64	0.3
STD SO-18	Standard																					
STD SO-18	Standard																					
STD SO-18 Expected																						
STD DS9 Expected			0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD OREAS45EA Expected			0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77	0.26
STD GC-7 Expected																						
STD OREAS133B Expected																						
BLK	Blank																					
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	45	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																					

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Project: AKIE
Report Date: September 23, 2013

QUALITY CONTROL REPORT VAN13003388.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	4A	7AR	7AR
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Ba	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	%	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	10	0.01	0.01
Pulp Duplicates																		
1195457	Rock	<0.02	<0.02	0.2	<0.1	<0.05	0.3	1.16	1.1	<0.02	<1	<0.1	0.3	<10	<2	346034	0.03	1.04
REP 1195457	QC	<0.02	<0.02	0.2	<0.1	<0.05	0.3	1.18	1.0	<0.02	<1	<0.1	0.3	<10	<2			
1195471	Rock	0.03	<0.02	3.4	<0.1	<0.05	2.4	4.08	14.7	<0.02	2	0.1	1.8	<10	<2	6110		
REP 1195471	QC	0.04	<0.02	3.5	<0.1	<0.05	2.3	4.20	14.5	<0.02	2	0.1	1.9	<10	<2			
1195473	Rock	0.15	<0.02	4.0	<0.1	<0.05	7.3	8.75	25.6	<0.02	4	0.1	2.1	<10	2	8667		
REP 1195473	QC															8832		
Core Reject Duplicates																		
1195466	Rock	0.07	<0.02	1.2	<0.1	<0.05	1.6	3.17	14.9	<0.02	<1	0.3	0.9	<10	<2	139906		
DUP 1195466	QC	0.09	<0.02	1.1	<0.1	<0.05	1.4	3.17	14.3	<0.02	4	0.3	0.8	<10	<2	146781		
Reference Materials																		
STD DS9	Standard	0.07	0.86	34.9	6.5	<0.05	1.5	5.37	23.1	2.23	71	6.0	24.4	112	360			
STD DS9	Standard	0.07	0.94	34.9	6.8	<0.05	1.7	5.66	24.7	2.33	70	5.8	25.5	149	397			
STD GC-7	Standard																>10	21.79
STD GC-7	Standard																>10	21.92
STD OREAS133B	Standard																5.02	10.90
STD OREAS133B	Standard																5.10	10.72
STD OREAS45EA	Standard	0.51	0.04	6.6	0.5	<0.05	19.4	4.74	17.2	0.07	<1	0.4	2.0	46	103			
STD OREAS45EA	Standard	0.64	0.07	7.0	0.8	<0.05	20.8	5.17	19.1	0.08	<1	0.4	2.1	53	115			
STD SO-18	Standard															576		
STD SO-18	Standard															492		
STD SO-18 Expected																515		
STD DS9 Expected		0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350			
STD OREAS45EA Expected		0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108			
STD GC-7 Expected																	10.44	22.06
STD OREAS133B Expected																	5.07	11.12
BLK	Blank															46		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.2	<0.02	1	<0.1	<0.1	<10	<2			
BLK	Blank																<0.01	<0.01

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Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 23, 2013

QUALITY CONTROL REPORT VAN13003388.1

		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
BLK	Blank		<0.01	0.04	0.07	0.4	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.14	4.48	4.69	48.3	12	2.2	3.4	516	1.82	0.4	1.7	0.2	5.6	50.8	0.06	<0.02	0.04	34	0.52
G1	Prep Blank		0.11	6.35	4.35	47.8	15	2.5	3.6	562	1.80	0.4	2.3	<0.2	5.5	53.5	0.02	<0.02	0.05	33	0.45

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QUALITY CONTROL REPORT VAN13003388.1

		1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	1.3	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.068	11.0	8.6	0.51	147.0	0.097	<20	0.86	0.086	0.45	<0.1	2.4	0.29	<0.02	166	<0.1	<0.02	4.3	3.45	<0.1
G1	Prep Blank	0.068	11.1	8.8	0.49	168.7	0.103	<20	0.89	0.094	0.47	<0.1	2.4	0.35	<0.02	130	<0.1	<0.02	4.9	3.76	0.2

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QUALITY CONTROL REPORT VAN13003388.1

		1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	4A Ba ppm 10	7AR Pb % 0.01	7AR Zn % 0.01
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank																<0.01	<0.01
Prep Wash																		
G1	Prep Blank	0.06	0.31	42.2	0.2	<0.05	1.0	4.88	23.3	<0.02	<1	0.3	26.5	<10	2	1015		
G1	Prep Blank	0.09	0.34	45.5	0.2	<0.05	1.1	5.04	23.6	0.02	<1	0.3	29.0	<10	2	1033		

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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: September 05, 2013
Report Date: October 01, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13003535.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CZM-AUG 29-13b
P.O. Number
Number of Samples: 16

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	16	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1F04	16	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
7AR	8	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.4	Completed	VAN
7AR.1	3	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003535.1

Method		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
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2379009	Rock	1.53	1.34	179.2	3.01	>10000	142	3.5	6.6	34	0.51	1.4	0.1	<0.2	<0.1	8.2	970.1	1.64	<0.02	3	0.02
2379010	Rock	2.28	1.39	37.06	52.96	>10000	56	17.6	4.7	29	0.26	0.4	0.3	<0.2	<0.1	70.4	436.5	0.71	<0.02	<2	0.32
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Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003535.1

Method			1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte			P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit			%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL			0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
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2379009	Rock		0.006	<0.5	2.8	<0.01	10.7	<0.001	<20	0.03	<0.001	<0.01	<0.1	<0.1	0.05	4.03	31281	0.4	<0.02	1.2	<0.02	40.6
2379010	Rock		0.003	<0.5	1.1	<0.01	1808	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.1	0.04	0.07	15184	3.6	<0.02	0.4	<0.02	2.9
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Project: AKIE
Report Date: October 01, 2013

CERTIFICATE OF ANALYSIS VAN13003535.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	7AR	7AR	7AR.1
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn	Pb
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01
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2379009	Rock	<0.02	0.07	0.2	<0.1	<0.05	0.2	0.17	<0.1	<0.02	7	<0.1	0.5	<10	<2	<0.01	7.98	
2379010	Rock	<0.02	<0.02	0.1	<0.1	<0.05	0.1	0.80	0.3	<0.02	<1	<0.1	0.4	<10	<2	<0.01	4.48	
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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003535.1

	Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
2379002	Rock	0.95	7.32	15.28	631.3	259.5	1555	60.8	0.4	17	0.81	10.6	10.8	<0.2	2.0	50.1	2.10	3.46	0.09	779	0.99
REP 2379002	QC		7.36	14.59	649.5	270.4	1585	61.4	0.4	14	0.82	10.3	11.0	<0.2	2.0	51.0	2.11	3.57	0.08	769	0.99
2379015	Rock	1.68	5.11	16.52	>10000	>10000	1868	3.0	1.0	16	0.21	<0.1	0.1	0.9	<0.1	8.9	333.3	12.96	0.02	<2	0.02
REP 2379015	QC		4.95	16.40	>10000	>10000	1755	3.0	0.9	16	0.21	<0.1	0.1	0.6	<0.1	8.5	336.7	12.72	<0.02	<2	0.02
Reference Materials																					
STD CCU-1C	Standard																				
STD CZN-3	Standard																				
STD DS9	Standard		12.79	110.4	122.5	330.8	1855	43.0	8.0	608	2.37	26.8	2.6	119.5	6.0	62.5	2.49	4.56	5.68	39	0.73
STD DS9	Standard		11.88	108.7	134.0	319.6	1683	40.1	7.0	580	2.38	25.6	2.3	103.2	5.5	65.1	2.38	4.31	5.87	40	0.72
STD GBM997-6	Standard																				
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OREAS45EA	Standard		1.52	720.1	14.87	35.9	275	406.7	50.9	395	24.81	11.5	1.6	55.2	9.5	3.4	0.05	0.21	0.20	312	0.04
STD OREAS45EA	Standard		1.43	687.2	16.49	32.0	277	379.9	50.3	407	23.87	10.6	1.6	56.1	9.4	3.5	0.03	0.21	0.23	298	0.03
STD PTC-1A	Standard																				
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected			1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD GBM997-6 Expected																					
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.01	0.07	0.17	0.2	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.15	2.37	2.68	50.5	13	4.0	4.4	606	2.02	0.2	1.3	0.7	4.4	57.1	<0.01	<0.02	0.03	37	0.48

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003535.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
2379002	Rock		0.528	16.8	105.2	0.11	2764	0.006	27	0.54	0.004	0.29	0.2	2.5	<0.02	0.11	610	7.8	0.11	4.3	0.78	<0.1
REP 2379002	QC		0.515	16.6	101.9	0.11	2745	0.006	32	0.54	0.004	0.28	0.2	2.9	<0.02	0.11	607	7.8	0.17	3.9	0.77	0.1
2379015	Rock		<0.001	<0.5	1.0	<0.01	26.1	<0.001	<20	0.01	<0.001	<0.01	<0.1	<0.1	0.82	5.25	22811	0.7	0.03	0.7	<0.02	3.5
REP 2379015	QC		<0.001	<0.5	0.7	<0.01	34.5	<0.001	<20	0.01	<0.001	<0.01	<0.1	<0.1	0.79	5.23	22395	0.7	<0.02	0.7	<0.02	2.9
Reference Materials																						
STD CCU-1C	Standard																					
STD CZN-3	Standard																					
STD DS9	Standard		0.086	11.2	122.8	0.62	317.2	0.101	<20	0.95	0.085	0.41	2.8	2.4	5.18	0.17	194	5.3	5.16	4.5	2.39	0.1
STD DS9	Standard		0.085	11.2	109.2	0.62	324.9	0.101	<20	0.95	0.082	0.41	2.8	2.5	5.30	0.17	220	5.4	5.80	5.0	2.55	0.1
STD GBM997-6	Standard																					
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OREAS45EA	Standard		0.028	6.4	985.6	0.09	150.2	0.082	<20	3.42	0.022	0.05	<0.1	77.7	<0.02	0.04	90	1.4	0.14	12.7	0.76	0.3
STD OREAS45EA	Standard		0.028	6.1	904.6	0.09	148.1	0.079	<20	3.12	0.014	0.05	<0.1	80.3	<0.02	0.04	74	1.0	0.03	13.1	0.69	0.3
STD PTC-1A	Standard																					
STD GC-7 Expected																						
STD OREAS133B Expected																						
STD DS9 Expected			0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD OREAS45EA Expected			0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7	0.63	0.26
STD CZN-3 Expected																						
STD CCU-1C Expected																						
STD GBM997-6 Expected																						
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																					
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	18	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																					
Prep Wash																						
G1	Prep Blank		0.079	9.4	6.4	0.57	232.0	0.120	<20	1.02	0.095	0.51	<0.1	2.5	0.30	<0.02	<5	<0.1	0.03	5.5	2.68	<0.1

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Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003535.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	7AR	7AR	7AR.1
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn	Pb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01
Pulp Duplicates																		
2379002	Rock	0.03	0.07	12.6	0.6	<0.05	3.2	25.25	19.0	0.03	102	0.8	8.7	<10	6			
REP 2379002	QC	0.05	0.06	12.5	0.7	<0.05	3.3	25.78	19.2	0.02	114	0.5	7.7	<10	6			
2379015	Rock	<0.02	0.02	<0.1	<0.1	<0.05	0.1	0.03	<0.1	<0.02	2	<0.1	0.4	<10	<2	>10	2.88	27.04
REP 2379015	QC	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	0.04	<0.1	<0.02	4	<0.1	0.4	<10	<2			
Reference Materials																		
STD CCU-1C	Standard																	0.32
STD CZN-3	Standard																	0.12
STD DS9	Standard	0.07	0.91	34.9	6.6	<0.05	1.8	5.39	20.2	2.22	58	5.5	23.9	108	367			
STD DS9	Standard	0.07	1.02	34.5	6.2	<0.05	1.9	5.51	21.3	2.30	56	5.6	26.7	123	356			
STD GBM997-6	Standard																	22.15
STD GC-7	Standard															9.81	21.82	
STD OREAS133B	Standard															5.10	10.97	
STD OREAS45EA	Standard	0.38	0.04	7.7	0.8	<0.05	15.2	5.28	16.6	0.09	1	0.6	2.6	57	104			
STD OREAS45EA	Standard	0.40	0.07	7.2	0.9	<0.05	15.5	5.07	15.5	0.08	<1	0.6	2.6	80	118			
STD PTC-1A	Standard																	0.04
STD GC-7 Expected																10.44	22.06	
STD OREAS133B Expected																5.07	11.12	
STD DS9 Expected		0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350			
STD OREAS45EA Expected		0.57	0.06	7.04	0.83		20	5.09	17.7	0.08		0.41	2.37	66	108			
STD CZN-3 Expected																		0.113
STD CCU-1C Expected																		0.34
STD GBM997-6 Expected																		23.75
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	1	<0.1	<0.1	<10	<2			
BLK	Blank															<0.01	<0.01	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank																	0.01
Prep Wash																		
G1	Prep Blank	0.12	0.41	40.5	0.4	<0.05	1.6	5.56	18.5	<0.02	<1	0.3	28.1	<10	<2			

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: October 01, 2013

QUALITY CONTROL REPORT VAN13003535.1

		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
G1	Prep Blank		0.20	2.53	2.29	52.7	14	3.8	4.2	583	2.00	0.3	1.1	<0.2	4.5	58.4	0.01	0.02	0.02	36	0.64

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		1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1
G1	Prep Blank	0.081	9.1	7.3	0.67	235.1	0.118	<20	1.00	0.073	0.49	<0.1	2.2	0.29	<0.02	<5	<0.1	<0.02	5.3	2.65	<0.1

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		1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	7AR Pb % 0.01	7AR Zn % 0.01	7AR.1 Pb % 0.01
G1	Prep Blank	0.11	0.34	41.3	0.4	<0.05	1.5	5.03	18.3	<0.02	<1	<0.1	27.7	<10	<2			

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Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: September 05, 2013
Report Date: September 21, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN13003537.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CZM-AUG 29-13c
P.O. Number
Number of Samples: 140

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	140	Dry at 60C			VAN
SS80	140	Dry at 60C sieve 100g to -80 mesh			VAN
1F04	140	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2378878	Soil		11.07	20.44	23.56	152.5	639	36.6	4.9	354	1.58	9.5	2.6	1.5	0.4	13.9	1.57	2.01	0.20	213	0.49	0.107
2378879	Soil		4.71	11.17	22.96	71.3	258	35.1	7.1	416	2.58	7.0	0.9	<0.2	2.4	13.5	0.60	0.76	0.17	25	0.57	0.087
2378880	Soil		4.62	17.86	18.47	275.1	1188	57.7	8.1	558	2.16	5.5	0.9	0.4	1.5	40.6	1.65	0.92	0.24	37	1.37	0.155
2378881	Soil		5.09	17.16	18.98	203.5	599	31.5	6.8	199	2.17	5.7	1.1	<0.2	<0.1	18.7	0.82	0.90	0.15	48	0.54	0.102
2378882	Soil		5.19	23.36	17.88	248.7	506	50.5	7.0	242	1.84	4.5	1.2	<0.2	0.1	9.8	0.82	0.84	0.18	46	0.43	0.144
2378883	Soil		5.73	17.59	20.59	152.8	715	24.9	4.5	30	1.31	5.4	0.7	<0.2	<0.1	10.0	0.71	1.00	0.16	43	0.11	0.074
2378884	Soil		5.05	34.35	22.77	237.4	2440	43.3	10.0	226	3.75	7.8	1.2	0.4	0.2	10.7	1.30	1.51	0.19	28	0.13	0.177
2378885	Soil		5.63	12.11	24.12	126.3	546	15.0	4.7	224	1.16	4.5	0.7	<0.2	0.2	13.7	1.00	1.01	0.13	34	0.16	0.088
2378886	Soil		13.88	20.72	33.32	81.7	15765	18.3	3.5	48	2.57	16.8	1.3	0.8	<0.1	206.9	0.26	1.57	0.33	64	0.06	0.249
2378887	Soil		5.83	11.48	15.89	51.9	4832	8.5	1.5	13	0.85	4.2	0.5	<0.2	<0.1	38.3	0.14	0.44	0.24	47	0.02	0.079
2378888	Soil		5.91	12.06	15.38	52.9	1480	11.2	2.2	19	1.19	6.2	0.6	0.9	<0.1	20.1	0.12	0.56	0.20	44	0.01	0.062
2378889	Soil		7.00	19.81	18.24	62.2	3554	11.6	2.1	14	1.06	8.8	0.4	0.3	0.2	38.3	0.21	0.76	0.24	45	0.02	0.055
2378890	Soil		18.84	24.91	30.00	141.7	5702	27.3	4.3	27	1.98	20.7	0.9	0.6	<0.1	37.6	0.28	2.69	0.29	92	0.01	0.082
2378891	Soil		8.07	11.43	15.48	83.0	394	12.7	2.8	28	0.87	5.0	0.4	<0.2	<0.1	10.1	0.14	1.20	0.17	62	0.02	0.027
2378892	Soil		1.64	3.61	6.29	31.8	351	4.4	0.7	4	0.26	1.4	0.3	0.5	0.4	7.8	0.15	0.15	0.07	19	0.02	0.035
2378893	Soil		16.09	39.64	20.46	94.1	1575	19.2	1.9	37	1.13	9.8	1.2	0.5	0.1	36.0	0.28	1.89	0.24	62	0.07	0.090
2378894	Soil		4.01	10.17	12.93	68.2	466	12.2	2.1	16	0.74	3.2	0.5	0.4	0.4	13.3	0.12	0.37	0.15	39	0.03	0.037
2378895	Soil		6.18	10.87	19.66	73.0	934	9.5	2.2	14	0.99	9.3	0.3	0.4	0.9	16.0	0.19	0.53	0.18	50	0.01	0.043
2378896	Soil		3.68	7.36	14.34	35.7	949	4.5	0.7	12	0.56	4.7	0.3	0.2	0.5	8.4	0.18	0.32	0.20	39	0.04	0.063
2378897	Soil		3.33	5.15	8.35	35.3	433	5.5	1.1	15	0.41	2.3	0.2	<0.2	1.1	8.2	0.05	0.29	0.10	30	0.03	0.016
2378898	Soil		2.92	4.81	10.46	37.5	292	6.7	1.0	7	0.37	2.0	0.3	<0.2	0.5	11.0	0.14	0.29	0.09	19	0.07	0.030
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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2378878	Soil		17.4	16.5	0.62	164.6	0.005	<20	0.82	<0.001	0.12	0.1	1.4	0.31	0.05	95	0.9	0.07	2.4	0.84	<0.1	0.02
2378879	Soil		43.5	18.0	0.41	104.6	0.005	<20	0.75	<0.001	0.26	<0.1	5.3	0.48	0.05	92	0.7	0.02	2.2	2.49	0.1	0.03
2378880	Soil		34.3	18.1	0.32	171.5	0.004	<20	0.81	<0.001	0.28	<0.1	3.6	0.40	0.05	137	1.3	<0.02	1.8	1.42	<0.1	0.02
2378881	Soil		17.1	13.3	0.13	159.2	0.003	<20	0.71	<0.001	0.08	<0.1	0.6	0.18	0.04	53	1.2	0.08	2.2	0.53	<0.1	<0.02
2378882	Soil		18.9	15.9	0.20	140.9	0.003	<20	0.69	<0.001	0.12	<0.1	0.7	0.17	0.04	71	2.0	0.04	2.1	0.74	<0.1	<0.02
2378883	Soil		10.9	11.1	0.05	202.0	<0.001	<20	0.50	<0.001	0.08	<0.1	0.3	0.16	0.04	15	1.2	<0.02	2.0	0.59	<0.1	<0.02
2378884	Soil		15.4	10.4	0.05	240.4	0.002	<20	0.47	<0.001	0.08	<0.1	0.7	0.16	0.06	143	2.5	0.10	1.3	0.82	<0.1	<0.02
2378885	Soil		9.3	10.4	0.05	273.2	0.002	<20	0.50	<0.001	0.07	<0.1	0.6	0.14	0.05	28	1.2	0.05	1.7	0.67	<0.1	<0.02
2378886	Soil		17.4	20.7	0.04	404.9	0.006	<20	0.65	<0.001	0.12	<0.1	0.5	0.42	0.21	102	10.2	0.22	4.8	2.22	<0.1	<0.02
2378887	Soil		4.5	13.9	0.02	172.2	0.002	<20	0.60	<0.001	0.05	<0.1	0.2	0.18	0.03	30	1.6	0.08	3.4	1.46	<0.1	<0.02
2378888	Soil		6.4	9.6	0.03	146.8	0.003	<20	0.58	<0.001	0.05	<0.1	0.3	0.18	0.05	19	1.1	0.05	3.4	1.03	<0.1	<0.02
2378889	Soil		6.2	9.1	0.02	109.6	0.002	<20	0.46	<0.001	0.04	<0.1	0.4	0.18	0.03	11	1.3	0.05	2.7	1.01	<0.1	<0.02
2378890	Soil		9.8	9.0	0.03	121.1	0.003	<20	0.47	<0.001	0.07	<0.1	0.4	0.58	0.08	35	4.0	0.15	3.7	1.59	<0.1	<0.02
2378891	Soil		9.9	8.3	0.02	45.5	0.005	<20	0.39	<0.001	0.03	<0.1	0.2	0.32	<0.02	<5	1.6	0.04	2.8	1.35	<0.1	<0.02
2378892	Soil		11.4	4.6	0.02	43.6	0.001	<20	0.44	<0.001	0.03	<0.1	0.5	0.18	<0.02	6	0.4	0.03	3.1	1.10	<0.1	<0.02
2378893	Soil		4.2	15.3	0.03	154.3	0.002	<20	0.59	<0.001	0.08	<0.1	0.3	0.26	0.05	40	4.5	0.11	2.1	1.03	<0.1	<0.02
2378894	Soil		12.8	8.7	0.04	79.3	0.004	<20	0.70	<0.001	0.04	<0.1	0.7	0.27	<0.02	5	0.6	0.03	3.6	1.00	<0.1	<0.02
2378895	Soil		8.7	8.1	0.03	96.3	0.002	<20	0.66	<0.001	0.04	<0.1	1.0	0.34	0.03	<5	1.0	0.08	3.6	1.06	<0.1	<0.02
2378896	Soil		3.6	8.0	0.02	59.9	0.001	<20	0.71	<0.001	0.06	<0.1	0.7	0.24	0.02	23	0.6	0.04	3.5	1.29	<0.1	<0.02
2378897	Soil		11.0	5.9	0.02	53.7	0.002	<20	0.59	<0.001	0.03	<0.1	0.6	0.21	<0.02	<5	0.3	0.03	2.9	0.82	<0.1	<0.02
2378898	Soil		18.7	5.9	0.05	90.7	0.003	<20	0.41	<0.001	0.06	<0.1	0.5	0.14	<0.02	<5	0.3	0.02	2.3	0.57	<0.1	<0.02
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
2378878	Soil	0.32	12.3	0.4	<0.05	0.8	14.52	30.1	0.05	<1	0.8	19.6	<10	<2
2378879	Soil	0.09	15.0	0.3	<0.05	1.1	25.98	82.4	0.05	<1	1.1	33.3	<10	<2
2378880	Soil	0.12	15.6	0.4	<0.05	1.3	21.21	65.4	0.04	2	1.4	28.1	<10	<2
2378881	Soil	0.11	10.0	0.3	<0.05	<0.1	10.57	43.0	0.02	<1	0.6	12.5	<10	<2
2378882	Soil	0.06	10.2	0.5	<0.05	<0.1	14.92	35.3	0.02	<1	0.8	14.7	<10	<2
2378883	Soil	0.03	8.4	0.3	<0.05	<0.1	3.24	17.3	<0.02	<1	0.3	2.0	<10	<2
2378884	Soil	0.04	8.6	0.3	<0.05	<0.1	12.89	32.7	0.04	<1	0.8	4.2	<10	<2
2378885	Soil	0.09	7.6	0.2	<0.05	0.2	4.15	15.3	<0.02	<1	0.4	2.5	<10	<2
2378886	Soil	0.27	14.4	1.0	<0.05	<0.1	9.17	31.8	0.03	<1	0.3	2.0	<10	<2
2378887	Soil	0.07	7.5	0.5	<0.05	<0.1	1.51	8.4	<0.02	<1	<0.1	0.8	<10	<2
2378888	Soil	0.10	7.6	0.6	<0.05	<0.1	1.42	11.8	<0.02	<1	0.1	1.4	<10	<2
2378889	Soil	0.08	5.3	0.4	<0.05	<0.1	2.03	11.0	<0.02	<1	0.3	1.0	<10	2
2378890	Soil	0.07	11.1	0.4	<0.05	<0.1	3.17	17.6	<0.02	<1	0.3	1.5	<10	<2
2378891	Soil	0.13	5.9	0.5	<0.05	<0.1	1.77	18.3	<0.02	<1	0.2	0.7	<10	<2
2378892	Soil	0.03	5.1	0.4	<0.05	<0.1	1.09	19.7	<0.02	1	<0.1	1.0	<10	<2
2378893	Soil	0.18	10.8	0.4	<0.05	<0.1	2.82	8.3	<0.02	2	0.3	1.1	<10	<2
2378894	Soil	0.17	6.1	0.6	<0.05	<0.1	1.85	23.4	<0.02	<1	0.3	1.5	<10	<2
2378895	Soil	0.14	6.3	0.4	<0.05	0.1	1.62	16.9	<0.02	<1	0.2	1.2	<10	<2
2378896	Soil	0.10	8.6	0.5	<0.05	0.4	1.20	7.1	<0.02	<1	0.3	0.9	<10	<2
2378897	Soil	0.08	6.3	0.3	<0.05	<0.1	1.44	20.3	<0.02	<1	<0.1	0.8	<10	<2
2378898	Soil	0.09	7.2	0.3	<0.05	<0.1	1.14	31.8	<0.02	<1	0.2	2.2	<10	<2
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Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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1195435	Soil	5.05	11.74	20.82	122.6	128	21.6	4.0	84	1.36	4.9	0.6	1.4	0.4	3.0	0.30	0.57	0.17	38	0.01	0.084
1195436	Soil	3.15	6.01	13.04	66.9	444	9.3	1.5	78	0.60	2.7	0.4	1.1	<0.1	8.8	0.54	0.39	0.11	20	0.07	0.092
1195437	Soil	3.67	6.77	22.14	57.5	448	9.4	1.5	48	1.67	6.2	0.7	0.9	<0.1	10.2	0.32	0.47	0.18	40	0.02	0.079
1195438	Soil	6.68	21.30	23.78	177.6	795	27.2	5.1	91	1.79	7.3	0.7	1.1	<0.1	12.2	0.76	1.34	0.19	33	0.14	0.115
1195439	Soil	11.31	28.13	21.35	134.2	686	44.8	12.1	358	2.22	7.4	1.1	1.9	1.0	12.9	1.28	2.10	0.21	15	0.80	0.128
1195440	Soil	8.58	22.79	52.35	717.9	4278	39.5	9.8	287	2.14	9.6	1.4	1.8	1.1	21.5	8.63	3.07	0.15	18	0.87	0.129
1195441	Soil	8.47	64.39	174.4	3020	10976	31.7	11.8	323	1.86	7.0	3.4	3.0	0.8	24.2	67.00	1.96	0.17	28	0.65	0.120
1195442	Soil	14.87	48.27	34.68	452.0	3802	79.0	11.7	148	2.62	13.1	2.2	1.4	1.4	24.2	1.88	3.80	0.16	41	0.32	0.236
1195443	Soil	8.76	47.47	19.99	493.2	5848	77.8	14.6	290	2.67	11.7	2.2	1.9	1.6	38.6	3.09	2.35	0.15	50	0.46	0.230
1195444	Soil	20.58	40.33	23.83	314.5	9259	55.4	45.7	774	3.00	22.5	1.8	2.0	1.8	123.4	2.96	4.33	0.22	53	0.07	0.155
1195445	Soil	10.35	39.68	17.29	658.5	1485	84.9	10.0	259	1.63	9.2	2.0	2.3	1.3	51.5	13.30	3.94	0.17	40	1.34	0.097
1195446	Soil	8.89	35.89	22.71	671.3	2267	80.0	11.2	139	2.23	9.8	1.5	4.5	2.3	50.0	5.52	1.77	0.18	40	0.59	0.137
1195447	Soil	10.75	46.73	21.79	947.0	2968	72.4	10.1	213	2.31	11.0	1.4	1.3	3.8	43.8	7.60	2.71	0.16	47	2.04	0.149
1195448	Soil	13.98	39.90	22.09	271.4	1842	45.7	7.0	37	3.16	23.3	1.2	0.6	1.4	39.3	1.35	2.48	0.22	72	0.02	0.136
1195449	Soil	17.25	45.00	19.83	303.5	643	55.4	6.4	63	2.90	17.1	1.7	1.4	0.9	32.5	2.82	2.54	0.26	68	0.04	0.155
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Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
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1195435	Soil	10.8	9.6	0.07	139.7	0.002	<20	0.57	<0.001	0.06	<0.1	0.6	0.19	<0.02	28	0.5	0.06	2.4	0.50	<0.1	<0.02
1195436	Soil	8.2	6.0	0.04	115.1	<0.001	<20	0.36	<0.001	0.06	<0.1	0.2	0.17	0.03	24	0.4	<0.02	1.8	0.48	<0.1	<0.02
1195437	Soil	10.6	13.5	0.14	106.4	0.003	<20	1.00	<0.001	0.04	<0.1	0.3	0.19	0.03	29	0.8	0.06	4.4	0.61	<0.1	<0.02
1195438	Soil	7.7	9.0	0.05	124.3	0.001	<20	0.33	<0.001	0.06	<0.1	0.2	0.15	0.04	20	1.2	0.07	1.6	0.39	<0.1	<0.02
1195439	Soil	12.1	6.3	0.12	122.9	0.002	<20	0.25	<0.001	0.06	<0.1	2.5	0.17	0.06	139	1.1	0.03	0.6	0.33	<0.1	0.07
1195440	Soil	11.3	8.4	0.12	238.5	0.001	<20	0.39	0.002	0.07	<0.1	2.8	0.22	0.08	374	1.9	0.09	0.6	0.70	<0.1	0.04
1195441	Soil	6.7	9.7	0.07	650.9	0.002	<20	0.50	0.001	0.05	<0.1	1.7	0.29	0.11	3648	3.3	0.07	1.9	1.15	0.2	0.05
1195442	Soil	13.6	14.5	0.19	230.5	0.004	<20	0.65	<0.001	0.09	<0.1	1.6	0.24	0.05	159	4.8	0.07	1.3	0.98	<0.1	<0.02
1195443	Soil	12.0	20.3	0.24	369.9	0.003	<20	0.82	<0.001	0.12	<0.1	3.1	0.24	0.08	397	4.1	0.12	1.6	0.94	<0.1	0.05
1195444	Soil	7.8	15.2	0.08	321.4	0.002	<20	0.59	0.002	0.12	<0.1	1.8	0.51	0.18	158	7.4	0.12	1.4	1.12	<0.1	<0.02
1195445	Soil	5.1	10.5	0.11	538.9	0.001	<20	0.43	0.003	0.07	<0.1	2.0	0.27	0.11	231	3.3	0.07	1.0	0.75	<0.1	0.09
1195446	Soil	10.4	14.0	0.17	680.1	0.002	<20	0.63	<0.001	0.11	<0.1	3.0	0.27	0.05	255	1.8	0.05	1.5	0.89	<0.1	0.05
1195447	Soil	14.7	17.0	0.87	755.0	0.003	<20	0.62	<0.001	0.15	<0.1	4.8	0.29	0.06	424	2.5	0.07	1.7	0.82	<0.1	0.06
1195448	Soil	5.2	13.2	0.13	116.5	0.002	<20	0.86	<0.001	0.06	<0.1	1.0	0.45	0.08	92	3.1	0.09	3.1	1.44	<0.1	0.03
1195449	Soil	6.9	14.0	0.07	310.9	0.002	<20	0.86	<0.001	0.05	<0.1	1.2	0.52	0.08	110	4.2	0.09	3.2	1.76	<0.1	<0.02
[redacted]																					
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PO Box 11121, Royal Centre
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Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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1195435	Soil	0.09	7.4	0.3	<0.05	0.2	1.79	19.1	<0.02	<1	0.2	4.8	<10	<2
1195436	Soil	<0.02	8.6	0.4	<0.05	<0.1	1.22	13.4	<0.02	<1	0.2	2.8	<10	<2
1195437	Soil	0.39	6.5	0.6	<0.05	0.2	1.98	20.0	<0.02	<1	0.4	8.2	<10	<2
1195438	Soil	0.05	7.7	0.4	<0.05	<0.1	2.56	13.3	<0.02	2	0.3	1.9	<10	<2
1195439	Soil	0.22	5.0	0.1	<0.05	2.0	15.82	23.1	0.02	<1	1.0	1.8	<10	<2
1195440	Soil	0.16	4.1	0.3	<0.05	1.3	22.51	25.0	0.03	<1	1.1	3.3	<10	2
1195441	Soil	0.23	6.3	0.2	<0.05	1.7	13.18	10.8	0.02	<1	0.7	3.4	<10	3
1195442	Soil	0.25	6.7	0.3	<0.05	0.6	11.94	24.8	0.04	3	0.8	8.5	<10	2
1195443	Soil	0.18	7.6	<0.1	<0.05	1.7	20.00	22.5	0.04	3	1.1	13.6	<10	4
1195444	Soil	0.10	9.7	0.3	<0.05	0.4	12.24	14.3	0.04	<1	0.4	10.9	<10	<2
1195445	Soil	0.10	6.3	0.2	<0.05	3.4	7.46	9.1	0.03	3	0.6	4.3	<10	3
1195446	Soil	0.15	6.8	0.3	<0.05	1.2	12.12	19.3	0.03	<1	0.6	13.1	<10	<2
1195447	Soil	0.13	6.2	0.1	<0.05	3.0	15.34	25.4	0.03	3	0.7	11.5	<10	<2
1195448	Soil	0.26	7.3	0.5	<0.05	0.6	6.01	9.2	0.04	<1	0.6	12.2	<10	<2
1195449	Soil	0.46	6.2	0.3	<0.05	0.7	9.42	11.9	0.03	3	0.8	13.4	<10	3
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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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.

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Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
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Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				

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CERTIFICATE OF ANALYSIS VAN13003537.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

QUALITY CONTROL REPORT VAN13003537.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																						
2378895	Soil		6.18	10.87	19.66	73.0	934	9.5	2.2	14	0.99	9.3	0.3	0.4	0.9	16.0	0.19	0.53	0.18	50	0.01	0.043
REP 2378895	QC		5.83	10.09	18.61	66.1	921	9.8	1.9	12	0.95	8.9	0.3	<0.2	0.9	15.4	0.20	0.58	0.18	48	0.01	0.041
2378931	Soil		9.98	19.79	19.96	340.5	415	40.0	3.8	79	1.54	7.4	1.4	<0.2	1.9	14.9	1.57	1.48	0.14	70	0.79	0.059
REP 2378931	QC		9.94	18.05	19.28	343.3	411	39.3	4.3	79	1.53	7.2	1.4	<0.2	1.9	14.7	1.53	1.43	0.14	69	0.78	0.059
2378951	Soil		5.04	9.04	14.12	69.3	975	11.6	2.4	12	0.71	4.6	0.3	0.7	0.5	14.7	0.18	0.52	0.13	25	0.02	0.039
REP 2378951	QC		5.15	9.07	14.13	67.8	978	12.6	2.2	12	0.70	4.4	0.3	0.7	0.5	14.3	0.21	0.53	0.14	26	0.02	0.040
2378975	Soil		1.87	9.30	10.35	36.8	66	3.8	0.4	10	0.23	1.1	0.5	0.6	1.7	9.1	0.09	0.13	0.13	15	0.04	0.037
REP 2378975	QC		1.81	9.43	10.42	38.8	72	3.9	0.4	11	0.24	1.2	0.6	<0.2	1.3	9.1	0.07	0.14	0.13	15	0.04	0.035
Reference Materials																						
STD DS9	Standard		12.74	111.8	125.6	319.1	1809	40.5	7.7	547	2.37	26.6	2.7	106.0	6.6	67.0	2.27	4.61	6.33	40	0.74	0.079
STD DS9	Standard		13.21	110.9	131.8	319.1	2019	41.2	7.6	561	2.34	27.4	2.7	99.0	6.5	66.6	2.32	4.90	6.51	40	0.72	0.083
STD DS9	Standard		12.80	116.7	128.1	295.4	1949	41.9	7.6	542	2.39	26.5	2.7	115.2	6.6	67.4	2.44	4.75	6.78	40	0.73	0.084
STD DS9	Standard		12.85	108.4	131.1	306.9	1730	40.8	7.4	566	2.35	25.3	3.0	109.8	6.3	65.8	2.29	4.17	6.49	39	0.72	0.079
STD OREAS45EA	Standard		1.47	703.5	14.28	27.2	261	406.5	51.7	338	22.33	10.3	1.7	49.7	9.6	3.5	0.03	0.19	0.23	331	0.03	0.026
STD OREAS45EA	Standard		1.42	692.8	14.91	28.8	269	391.9	53.7	378	22.00	8.8	1.8	51.4	10.1	3.6	0.03	0.19	0.25	330	0.03	0.026
STD OREAS45EA	Standard		1.39	677.7	15.29	28.3	269	381.1	49.5	385	21.84	8.9	1.9	57.0	10.6	3.4	0.04	0.19	0.25	322	0.03	0.026
STD OREAS45EA	Standard		1.49	700.0	14.85	29.8	284	396.0	52.9	399	22.71	10.1	1.9	62.2	10.9	3.5	0.03	0.17	0.23	330	0.03	0.028
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected			1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032	0.029
BLK	Blank		<0.01	0.02	0.05	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank		<0.01	<0.01	0.02	<0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank		<0.01	0.02	<0.01	<0.1	10	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank		<0.01	<0.01	0.03	0.1	8	0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

QUALITY CONTROL REPORT VAN13003537.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2378895	Soil	8.7	8.1	0.03	96.3	0.002	<20	0.66	<0.001	0.04	<0.1	1.0	0.34	0.03	<5	1.0	0.08	3.6	1.06	<0.1	<0.02
REP 2378895	QC	7.7	7.2	0.02	88.5	0.002	<20	0.61	<0.001	0.04	<0.1	0.8	0.30	0.03	8	0.8	0.02	3.1	0.96	<0.1	<0.02
2378931	Soil	12.5	9.6	0.24	247.4	0.002	<20	0.44	<0.001	0.10	<0.1	1.4	0.25	0.02	43	1.8	0.04	1.6	0.26	<0.1	0.02
REP 2378931	QC	11.6	9.8	0.22	232.8	0.002	<20	0.45	<0.001	0.10	<0.1	1.4	0.22	0.02	34	1.9	0.05	1.5	0.23	<0.1	0.02
2378951	Soil	10.6	6.0	0.03	66.3	0.002	<20	0.43	<0.001	0.04	<0.1	0.6	0.19	0.02	18	0.9	0.03	3.2	0.64	<0.1	<0.02
REP 2378951	QC	11.5	6.0	0.03	69.1	0.002	<20	0.42	<0.001	0.04	<0.1	0.7	0.18	<0.02	11	0.7	0.07	3.5	0.67	<0.1	<0.02
2378975	Soil	19.4	3.3	0.03	179.9	0.002	<20	0.76	<0.001	0.04	<0.1	0.5	0.23	<0.02	<5	0.2	<0.02	4.6	1.06	<0.1	<0.02
REP 2378975	QC	19.9	3.7	0.03	175.0	0.002	<20	0.79	<0.001	0.04	<0.1	0.6	0.24	<0.02	<5	0.1	<0.02	5.1	1.07	<0.1	0.03
Reference Materials																					
STD DS9	Standard	12.7	112.9	0.62	300.8	0.111	<20	0.96	0.081	0.40	2.7	2.4	5.04	0.17	241	4.8	5.00	4.7	2.30	<0.1	0.07
STD DS9	Standard	12.5	112.4	0.62	307.7	0.113	<20	0.95	0.081	0.40	2.8	2.4	5.41	0.16	214	5.1	5.10	4.7	2.34	0.1	0.05
STD DS9	Standard	12.8	112.7	0.63	308.0	0.106	<20	0.96	0.081	0.40	2.9	2.6	5.34	0.17	222	5.4	4.89	4.9	2.42	<0.1	0.06
STD DS9	Standard	13.2	116.0	0.62	311.3	0.110	<20	0.95	0.081	0.40	3.0	2.5	5.20	0.16	183	4.9	5.01	4.4	2.38	<0.1	0.08
STD OREAS45EA	Standard	6.4	854.0	0.09	132.0	0.087	<20	3.30	0.014	0.05	<0.1	73.6	<0.02	0.04	6	1.0	0.09	11.6	0.64	0.2	0.60
STD OREAS45EA	Standard	6.7	817.1	0.09	140.7	0.091	<20	3.18	0.016	0.05	<0.1	71.4	<0.02	0.04	7	0.9	0.07	12.4	0.65	0.3	0.58
STD OREAS45EA	Standard	6.5	804.4	0.09	143.1	0.085	<20	3.12	0.015	0.05	<0.1	77.8	<0.02	0.04	<5	0.9	0.10	11.9	0.63	0.2	0.51
STD OREAS45EA	Standard	6.7	893.4	0.09	144.2	0.086	<20	3.24	0.015	0.05	<0.1	74.6	<0.02	0.04	<5	1.0	0.11	11.4	0.67	0.3	0.36
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected		8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7	0.77	0.26	0.82
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	0.2	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 21, 2013

QUALITY CONTROL REPORT VAN13003537.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
2378895	Soil	0.14	6.3	0.4	<0.05	0.1	1.62	16.9	<0.02	<1	0.2	1.2	<10	<2
REP 2378895	QC	0.14	5.5	0.3	<0.05	0.1	1.56	14.6	<0.02	<1	0.3	1.0	<10	<2
2378931	Soil	0.18	6.1	0.3	<0.05	1.3	3.63	20.5	<0.02	4	0.2	3.6	<10	3
REP 2378931	QC	0.18	5.5	0.3	<0.05	1.3	3.83	21.2	<0.02	4	0.4	3.3	<10	2
2378951	Soil	0.06	4.7	0.3	<0.05	0.1	1.46	18.2	<0.02	<1	<0.1	1.5	<10	<2
REP 2378951	QC	0.06	4.6	0.3	<0.05	0.1	1.35	19.4	<0.02	<1	<0.1	1.3	<10	<2
2378975	Soil	0.23	6.2	1.1	<0.05	0.5	1.98	37.2	<0.02	<1	<0.1	2.3	<10	<2
REP 2378975	QC	0.21	6.5	1.1	<0.05	0.5	1.92	37.0	<0.02	<1	0.1	2.7	<10	<2
Reference Materials														
STD DS9	Standard	1.03	33.6	6.5	<0.05	1.8	5.53	23.6	2.18	55	6.0	25.5	111	353
STD DS9	Standard	1.11	33.9	6.3	<0.05	1.6	5.54	23.2	2.13	58	5.1	27.2	110	362
STD DS9	Standard	0.94	32.8	6.9	<0.05	1.7	5.24	22.2	2.11	60	6.4	26.4	116	380
STD DS9	Standard	1.02	34.0	6.4	<0.05	1.7	5.58	23.2	2.19	54	5.9	26.6	106	356
STD OREAS45EA	Standard	0.07	6.9	0.9	<0.05	19.7	5.06	16.2	0.08	<1	0.4	2.6	70	100
STD OREAS45EA	Standard	0.07	7.5	0.9	<0.05	19.4	4.91	16.8	0.08	1	0.4	2.1	85	105
STD OREAS45EA	Standard	0.05	6.7	0.7	<0.05	16.7	4.84	15.7	0.07	<1	0.4	2.6	70	101
STD OREAS45EA	Standard	0.05	7.2	0.8	<0.05	14.7	5.10	16.8	0.09	<1	0.3	2.7	54	115
STD DS9 Expected		0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Nick Johnson
Receiving Lab: Canada-Vancouver
Received: September 13, 2013
Report Date: September 27, 2013
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN13003698.1

CLIENT JOB INFORMATION

Project: AKIE
Shipment ID: CZM-SEPT 06-13
P.O. Number
Number of Samples: 199

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	199	Dry at 60C			VAN
SS80	199	Dry at 60C sieve 100g to -80 mesh			VAN
1F04	199	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Canada Zinc Metals Corp.
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3
CANADA

CC: Ken MacDonald

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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PO Box 11121, Royal Centre
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Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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2379182	Soil	4.95	34.55	23.77	293.2	619	70.4	7.2	243	1.82	4.9	1.1	1.7	1.3	16.4	1.32	1.47	0.17	50	0.84	0.231
2379183	Soil	7.59	26.51	32.07	230.1	331	52.4	8.5	207	2.18	6.5	0.6	0.4	0.6	6.9	1.02	1.18	0.15	28	0.13	0.082
2379184	Soil	4.75	12.93	41.01	105.7	281	18.7	3.3	61	1.38	4.8	0.5	<0.2	0.3	8.2	0.40	0.68	0.11	27	0.06	0.084
2379185	Soil	6.11	11.67	36.19	118.1	1719	16.4	2.5	36	0.93	5.6	0.5	<0.2	<0.1	15.4	0.71	0.83	0.13	30	0.14	0.087
2379186	Soil	14.28	16.17	72.16	178.5	763	19.1	3.4	281	1.58	12.0	0.7	<0.2	<0.1	32.0	1.87	2.43	0.16	49	0.23	0.103
2379187	Soil	5.40	9.54	25.58	79.0	684	10.4	1.6	20	0.74	3.9	0.6	<0.2	<0.1	18.2	1.01	0.66	0.12	25	0.15	0.083
2379188	Soil	16.74	19.01	58.87	195.0	3316	24.4	3.9	30	1.82	14.5	1.5	1.2	0.1	27.4	2.84	2.57	0.18	49	0.04	0.097
2379189	Soil	11.14	16.96	24.53	111.0	4647	22.1	3.2	64	1.92	11.0	0.8	0.7	0.4	44.2	0.74	1.89	0.17	34	0.34	0.154
2379190	Soil	18.13	26.15	38.64	222.2	4125	94.7	10.7	239	2.92	19.8	1.5	1.1	1.1	60.4	3.63	4.41	0.18	45	0.32	0.159
2379191	Soil	4.82	6.47	4.70	39.4	591	5.8	0.8	6	0.40	1.4	0.2	0.2	0.5	5.3	0.34	0.28	0.05	34	0.02	0.027
2379192	Soil	11.06	13.21	11.10	85.7	678	12.0	1.7	10	1.02	5.4	0.4	<0.2	0.4	11.4	0.42	0.83	0.11	70	0.03	0.057

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Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																					
2379182	Soil	13.5	17.0	0.26	118.0	0.004	<20	0.59	0.003	0.28	<0.1	3.6	0.23	0.06	164	1.9	0.11	1.5	1.32	<0.1	0.07
2379183	Soil	14.6	8.2	0.05	116.7	0.002	<20	0.47	<0.001	0.06	<0.1	1.8	0.22	0.02	56	1.4	0.06	1.1	0.63	<0.1	<0.02
2379184	Soil	12.9	7.6	0.06	112.9	0.002	<20	0.55	0.001	0.06	<0.1	0.5	0.21	0.02	22	0.6	0.03	2.5	0.72	<0.1	<0.02
2379185	Soil	9.4	7.1	0.04	148.4	0.002	<20	0.39	0.002	0.08	<0.1	0.2	0.18	0.04	25	0.6	0.03	2.6	0.74	<0.1	<0.02
2379186	Soil	5.7	8.3	0.03	434.3	0.002	<20	0.38	0.002	0.09	<0.1	0.2	0.32	0.07	36	1.7	0.13	1.8	0.63	<0.1	<0.02
2379187	Soil	9.0	8.1	0.04	212.7	0.002	<20	0.39	0.002	0.07	<0.1	0.2	0.21	0.03	17	0.5	0.04	2.5	0.79	<0.1	<0.02
2379188	Soil	7.3	7.2	0.04	242.3	0.001	<20	0.43	0.001	0.09	<0.1	0.2	0.52	0.09	143	2.3	0.14	1.7	0.94	<0.1	<0.02
2379189	Soil	4.0	8.4	0.07	306.2	0.001	<20	0.31	0.003	0.13	<0.1	0.6	0.37	0.14	68	3.0	0.09	1.1	0.91	<0.1	<0.02
2379190	Soil	6.4	11.2	0.11	346.6	0.002	<20	0.42	0.004	0.13	<0.1	1.6	0.63	0.17	79	4.9	0.16	1.2	1.02	<0.1	<0.02
2379191	Soil	8.8	5.6	0.01	61.9	0.002	<20	0.39	<0.001	0.03	<0.1	0.6	0.18	<0.02	11	<0.1	0.03	2.8	0.79	<0.1	<0.02
2379192	Soil	6.6	7.3	0.02	78.6	0.001	<20	0.47	<0.001	0.04	<0.1	0.6	0.26	<0.02	25	0.5	0.05	3.2	1.10	<0.1	<0.02

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Client: **Canada Zinc Metals Corp.**
Suite 2050 - 1055 W. Georgia St.
PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]														
2379182	Soil	0.12	15.7	0.3	<0.05	2.6	14.65	20.1	0.04	<1	1.3	17.9	<10	<2
2379183	Soil	0.07	6.0	0.2	<0.05	0.4	9.63	29.4	0.03	<1	0.6	3.4	<10	<2
2379184	Soil	0.08	7.7	0.3	<0.05	0.3	2.47	23.2	<0.02	<1	0.4	2.9	<10	<2
2379185	Soil	0.06	8.3	0.5	<0.05	<0.1	1.86	16.9	<0.02	<1	0.2	1.6	<10	<2
2379186	Soil	0.08	8.9	0.3	<0.05	<0.1	2.26	10.9	<0.02	<1	0.4	1.6	10	<2
2379187	Soil	0.07	8.2	0.4	<0.05	<0.1	1.73	16.1	<0.02	<1	0.2	1.2	<10	<2
2379188	Soil	0.11	8.7	0.2	<0.05	<0.1	5.17	13.6	0.02	1	0.4	2.5	<10	<2
2379189	Soil	0.07	7.3	<0.1	<0.05	0.3	3.13	7.6	<0.02	<1	0.2	4.9	<10	<2
2379190	Soil	0.07	11.5	0.2	<0.05	0.6	6.20	12.4	0.03	3	0.4	6.1	<10	2
2379191	Soil	0.05	4.7	0.4	<0.05	<0.1	1.09	16.7	<0.02	<1	<0.1	0.5	<10	<2
2379192	Soil	0.09	5.6	0.4	<0.05	0.2	2.01	12.1	<0.02	<1	<0.1	0.6	<10	<2

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Client: **Canada Zinc Metals Corp.**
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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2379193	Soil	17.46	33.13	19.08	199.5	1191	36.1	4.8	38	2.71	19.2	1.2	0.2	0.7	24.7	1.28	2.23	0.19	79	0.04	0.078
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2379225	Soil	4.89	29.65	14.14	245.1	1418	60.4	6.6	193	1.61	5.2	1.3	1.8	1.2	33.3	0.93	1.57	0.21	30	0.97	0.226
2379226	Soil	5.69	23.16	12.36	132.2	1142	44.9	8.7	146	1.84	5.3	0.7	1.1	2.4	10.1	0.58	1.39	0.16	15	0.49	0.092
2379227	Soil	7.93	47.37	12.61	336.0	2532	61.9	10.5	246	2.13	5.5	1.8	1.5	1.2	17.4	3.24	3.35	0.17	26	1.28	0.127
2379228	Soil	6.93	27.14	13.08	170.2	726	43.8	9.6	260	1.79	7.2	0.8	0.7	1.7	11.3	1.48	1.93	0.13	13	0.58	0.078
2379229	Soil	1.34	5.95	8.22	32.1	508	4.6	0.9	11	0.39	1.0	0.3	0.3	0.2	4.1	0.24	0.18	0.09	14	0.01	0.065
2379230	Soil	9.00	18.04	26.79	104.0	1435	20.9	4.0	69	1.51	10.1	0.4	1.3	<0.1	27.3	0.36	1.31	0.19	42	0.08	0.078
2379231	Soil	15.13	17.10	18.99	121.4	1988	23.8	3.6	46	1.74	14.1	1.0	0.8	<0.1	38.6	1.00	2.11	0.18	46	0.23	0.121
2379232	Soil	14.45	17.92	21.60	110.8	5466	19.7	3.3	30	1.54	10.0	0.8	0.7	<0.1	40.4	0.44	1.84	0.27	53	0.04	0.103
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

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Client: **Canada Zinc Metals Corp.**
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PO Box 11121, Royal Centre
Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS   VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2379193	Soil	8.1	11.4	0.06	118.1	0.002	<20	0.72	0.002	0.09	<0.1	1.0	0.40	0.05	46	3.1	0.07	3.0	0.99	<0.1	<0.02
[redacted]																					
2379225	Soil	16.1	13.0	0.25	211.9	0.004	<20	0.52	0.003	0.18	<0.1	3.2	0.21	0.05	218	1.5	0.05	1.5	1.08	<0.1	0.06
2379226	Soil	15.5	5.8	0.07	91.1	0.002	<20	0.29	0.002	0.08	<0.1	4.6	0.13	<0.02	141	1.0	0.07	0.6	0.55	<0.1	0.07
2379227	Soil	13.1	7.0	0.18	154.5	0.002	<20	0.33	0.002	0.07	<0.1	3.4	0.14	0.06	252	3.8	0.10	0.7	0.71	<0.1	0.07
2379228	Soil	11.8	5.4	0.09	77.2	0.001	<20	0.26	0.001	0.07	<0.1	5.1	0.20	0.04	146	0.6	0.03	0.4	0.80	<0.1	0.04
2379229	Soil	12.1	6.2	0.03	93.5	0.002	<20	0.53	0.001	0.05	<0.1	0.3	0.13	<0.02	13	0.1	<0.02	3.6	0.78	<0.1	<0.02
2379230	Soil	5.0	7.0	0.02	167.4	0.003	<20	0.35	0.002	0.06	<0.1	0.3	0.22	0.06	14	1.9	0.14	2.1	0.94	<0.1	<0.02
2379231	Soil	5.2	8.9	0.05	271.8	0.001	<20	0.30	0.003	0.10	<0.1	0.1	0.47	0.11	22	2.2	0.10	1.6	0.58	<0.1	<0.02
2379232	Soil	6.5	11.4	0.02	182.1	0.002	<20	0.44	0.002	0.07	<0.1	0.1	0.40	0.09	43	2.7	0.15	3.0	1.48	<0.1	<0.02
[redacted]																					

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Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
2379193	Soil	0.37	9.3	0.3	<0.05	0.4	3.96	14.6	0.03	<1	0.4	4.4	<10	<2
[redacted]														
2379225	Soil	0.12	12.5	0.3	<0.05	1.6	20.06	25.2	0.04	<1	1.4	15.1	<10	<2
2379226	Soil	0.09	5.5	<0.1	<0.05	2.1	16.43	29.4	<0.02	<1	0.5	3.1	<10	<2
2379227	Soil	0.07	5.6	<0.1	<0.05	2.3	22.08	20.7	0.02	1	0.7	2.3	<10	<2
2379228	Soil	0.05	4.4	<0.1	<0.05	1.7	18.39	22.0	0.04	<1	0.5	1.5	<10	<2
2379229	Soil	0.11	5.8	0.4	<0.05	0.2	1.06	23.4	<0.02	<1	<0.1	0.9	<10	<2
2379230	Soil	0.03	7.3	0.1	<0.05	<0.1	1.88	9.5	<0.02	<1	0.2	0.9	<10	<2
2379231	Soil	0.06	9.9	0.1	<0.05	<0.1	2.35	9.4	<0.02	<1	0.3	1.8	<10	<2
2379232	Soil	0.12	11.5	0.4	<0.05	<0.1	2.27	12.3	<0.02	<1	<0.1	0.9	<10	<2
[redacted]														

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Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				

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Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

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Client: **Canada Zinc Metals Corp.**
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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
[redacted]																				

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Project: AKIE
Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02

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.

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Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Report Date: September 27, 2013

CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
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CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
[redacted]																				

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CERTIFICATE OF ANALYSIS VAN13003698.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
[redacted]													

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Project: AKIE
Report Date: September 27, 2013

QUALITY CONTROL REPORT VAN13003698.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2379179	Soil	7.48	10.24	13.26	142.2	140	21.8	3.3	46	1.23	6.2	0.5	<0.2	0.7	8.9	1.46	1.22	0.16	36	0.11	0.052
REP 2379179	QC	7.50	10.06	13.39	147.4	136	21.7	3.1	45	1.21	6.2	0.5	<0.2	0.7	8.7	1.40	1.19	0.16	36	0.11	0.053
2379231	Soil	15.13	17.10	18.99	121.4	1988	23.8	3.6	46	1.74	14.1	1.0	0.8	<0.1	38.6	1.00	2.11	0.18	46	0.23	0.121
REP 2379231	QC	16.53	17.29	20.46	127.9	2144	24.3	3.5	50	1.73	15.2	1.1	0.4	<0.1	38.4	1.17	2.28	0.19	45	0.23	0.143
2379317	Soil	21.26	25.01	18.94	303.0	2657	53.1	4.7	47	2.74	18.3	1.4	1.1	2.0	46.1	5.73	3.88	0.20	103	0.46	0.114
REP 2379317	QC	21.28	25.33	19.37	290.6	2565	51.2	4.8	44	2.70	18.6	1.4	0.3	2.0	47.4	5.77	4.52	0.19	97	0.44	0.113
2379353	Soil	4.72	22.00	18.05	103.3	606	44.3	7.2	299	1.59	6.1	1.5	0.5	1.4	18.3	0.53	1.19	0.14	17	1.21	0.082
REP 2379353	QC	4.65	20.73	18.00	95.8	597	42.9	7.0	287	1.53	5.3	1.4	0.7	1.3	17.8	0.54	1.16	0.12	16	1.17	0.078
2379389	Soil	6.32	9.67	15.43	117.8	135	20.6	4.0	47	1.86	5.8	0.4	<0.2	2.7	2.8	0.62	0.97	0.08	33	0.03	0.019
REP 2379389	QC	6.28	9.34	15.15	113.4	117	19.4	3.7	46	1.87	5.5	0.4	0.2	2.7	2.8	0.67	0.98	0.08	33	0.03	0.019
Reference Materials																					
STD DS9	Standard	15.06	121.4	141.8	344.2	2013	46.8	8.9	630	2.54	29.9	3.0	147.3	7.0	76.7	2.72	4.50	6.72	44	0.80	0.093
STD DS9	Standard	13.64	121.2	128.3	321.2	1955	45.7	7.9	614	2.46	26.1	2.4	93.2	5.6	63.7	2.43	4.39	6.13	41	0.75	0.083
STD DS9	Standard	14.66	113.6	130.1	315.3	1712	43.1	8.1	607	2.41	25.9	2.3	113.5	5.5	63.6	2.43	4.64	5.97	41	0.73	0.086
STD DS9	Standard	13.41	110.5	141.2	313.2	2004	40.5	7.6	576	2.38	26.7	2.8	122.8	6.5	61.5	2.41	4.77	5.85	40	0.72	0.088
STD DS9	Standard	14.02	116.7	144.4	319.3	1945	40.7	7.9	599	2.49	24.4	2.8	175.9	6.3	65.9	2.57	5.38	5.70	41	0.75	0.089
STD DS9	Standard	14.30	119.5	130.2	310.1	2832	41.8	8.0	570	2.40	25.1	2.5	115.1	5.8	70.4	2.38	4.37	5.95	40	0.74	0.085
STD OREAS45EA	Standard	1.63	701.5	15.07	29.1	297	399.7	56.5	423	24.92	11.4	1.9	55.2	11.0	4.1	<0.01	0.25	0.24	302	0.04	0.028
STD OREAS45EA	Standard	1.60	707.2	13.64	31.6	265	400.0	54.7	424	25.55	9.6	1.7	59.4	10.0	3.2	0.02	0.19	0.23	305	0.03	0.028
STD OREAS45EA	Standard	1.56	700.9	13.67	31.1	307	393.9	52.1	425	25.54	10.3	1.6	65.6	10.2	3.7	0.02	0.17	0.21	303	0.04	0.028
STD OREAS45EA	Standard	1.56	691.5	14.29	29.3	246	397.0	51.2	387	23.18	9.8	1.7	55.2	10.3	3.0	<0.01	0.19	0.22	331	0.03	0.026
STD OREAS45EA	Standard	1.41	666.4	13.71	25.2	249	366.5	48.6	355	21.55	8.9	1.8	57.9	10.1	2.9	0.04	0.22	0.26	321	0.03	0.027
STD OREAS45EA	Standard	1.53	714.1	13.54	31.4	298	393.5	53.9	404	23.50	10.8	1.5	59.3	9.1	3.5	0.02	0.15	0.21	329	0.04	0.028
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected		1.39	709	14.3	30.6	260	357	52	400	22.65	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	295	0.036	0.029
BLK	Blank	<0.01	<0.01	0.05	<0.1	<2	0.4	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	0.01	<0.01	0.07	0.1	5	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.06	<0.1	10	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: AKIE
Report Date: September 27, 2013

QUALITY CONTROL REPORT VAN13003698.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2379179	Soil	13.9	6.6	0.06	269.5	0.003	<20	0.61	0.001	0.07	<0.1	0.7	0.25	<0.02	10	0.4	0.04	2.5	0.57	<0.1	<0.02
REP 2379179	QC	13.1	6.7	0.06	260.5	0.003	<20	0.61	<0.001	0.07	<0.1	0.7	0.26	<0.02	9	0.6	0.05	2.6	0.59	<0.1	<0.02
2379231	Soil	5.2	8.9	0.05	271.8	0.001	<20	0.30	0.003	0.10	<0.1	0.1	0.47	0.11	22	2.2	0.10	1.6	0.58	<0.1	<0.02
REP 2379231	QC	5.6	9.2	0.05	308.9	0.001	<20	0.34	0.003	0.10	<0.1	0.2	0.50	0.11	27	2.0	0.14	1.7	0.67	<0.1	<0.02
2379317	Soil	13.6	14.0	0.18	362.7	0.003	<20	0.80	0.004	0.09	<0.1	1.4	0.54	0.06	100	5.0	0.17	3.0	0.70	<0.1	<0.02
REP 2379317	QC	12.7	13.4	0.18	371.2	0.003	<20	0.75	0.003	0.08	<0.1	1.3	0.52	0.06	80	4.3	0.12	2.9	0.68	<0.1	<0.02
2379353	Soil	14.0	7.5	0.10	109.0	0.002	<20	0.29	<0.001	0.05	<0.1	2.9	0.18	0.05	132	0.7	0.03	0.7	0.51	<0.1	0.08
REP 2379353	QC	14.2	7.5	0.10	105.1	0.002	<20	0.29	<0.001	0.05	<0.1	2.7	0.17	0.05	115	0.6	0.02	0.7	0.49	<0.1	0.05
2379389	Soil	14.2	10.8	0.18	85.8	0.003	<20	0.82	<0.001	0.05	<0.1	1.1	0.17	<0.02	16	0.6	0.06	3.0	0.46	<0.1	0.04
REP 2379389	QC	14.1	10.0	0.19	85.4	0.003	<20	0.81	<0.001	0.05	<0.1	1.1	0.17	<0.02	17	0.7	<0.02	2.8	0.44	<0.1	0.02
Reference Materials																					
STD DS9	Standard	13.9	127.8	0.69	357.6	0.121	25	1.08	0.099	0.44	2.8	2.7	5.95	0.19	212	6.0	5.43	5.3	2.63	<0.1	0.06
STD DS9	Standard	12.2	125.0	0.64	343.3	0.119	<20	0.99	0.091	0.42	3.6	2.5	5.35	0.18	244	5.1	4.79	4.6	2.35	0.1	0.06
STD DS9	Standard	11.1	122.0	0.63	339.4	0.112	<20	0.97	0.089	0.41	2.6	2.2	5.44	0.17	205	5.1	5.03	4.7	2.36	<0.1	0.05
STD DS9	Standard	12.3	120.2	0.62	312.9	0.101	<20	0.96	0.083	0.40	3.1	2.5	5.68	0.17	166	5.5	5.10	4.7	2.35	0.1	0.09
STD DS9	Standard	13.1	121.3	0.65	342.0	0.099	<20	1.00	0.087	0.42	2.7	2.5	5.66	0.17	188	5.6	5.15	4.8	2.51	<0.1	0.07
STD DS9	Standard	12.8	123.3	0.63	327.0	0.109	<20	0.96	0.087	0.41	2.6	2.4	5.25	0.16	202	5.5	5.06	4.5	2.46	0.1	0.05
STD OREAS45EA	Standard	7.4	912.6	0.10	167.5	0.093	<20	3.30	0.024	0.05	<0.1	77.8	<0.02	0.04	25	1.3	0.07	13.6	0.72	0.3	0.46
STD OREAS45EA	Standard	6.3	1004	0.09	140.7	0.095	<20	3.35	0.024	0.06	<0.1	81.5	<0.02	0.04	11	0.7	0.08	12.5	0.65	0.2	0.53
STD OREAS45EA	Standard	6.2	957.2	0.08	154.6	0.093	<20	3.28	0.024	0.06	<0.1	84.4	<0.02	0.04	6	0.6	0.08	13.0	0.64	0.2	0.57
STD OREAS45EA	Standard	6.3	909.7	0.09	135.4	0.080	<20	3.26	0.016	0.05	<0.1	75.9	0.06	0.04	29	0.7	<0.02	12.0	0.60	0.2	0.54
STD OREAS45EA	Standard	6.1	843.9	0.08	128.4	0.074	<20	2.99	0.015	0.05	<0.1	68.4	0.05	0.03	10	0.4	0.08	10.6	0.57	0.2	0.49
STD OREAS45EA	Standard	6.5	953.3	0.09	137.4	0.088	<20	3.20	0.016	0.05	<0.1	78.0	<0.02	0.02	12	1.3	0.12	11.8	0.66	0.2	0.43
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.32	0.02	0.053		78	0.072	0.044	10	0.63	0.07	11.7	0.77	0.26	0.82
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Project: AKIE
Report Date: September 27, 2013

QUALITY CONTROL REPORT VAN13003698.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
2379179	Soil	0.21	7.5	0.4	<0.05	0.3	2.24	25.6	<0.02	<1	<0.1	3.9	<10	2
REP 2379179	QC	0.18	7.1	0.4	<0.05	0.3	2.23	23.6	<0.02	<1	0.2	3.4	<10	<2
2379231	Soil	0.06	9.9	0.1	<0.05	<0.1	2.35	9.4	<0.02	<1	0.3	1.8	<10	<2
REP 2379231	QC	0.06	10.2	<0.1	<0.05	<0.1	2.56	10.5	<0.02	<1	0.7	1.7	<10	<2
2379317	Soil	0.65	8.1	0.4	<0.05	0.4	5.39	20.1	0.02	2	0.5	16.4	<10	<2
REP 2379317	QC	0.66	8.3	0.4	<0.05	0.4	5.56	19.7	<0.02	3	0.5	17.1	<10	<2
2379353	Soil	0.17	4.3	0.1	<0.05	2.1	15.37	28.7	<0.02	<1	0.5	3.2	<10	<2
REP 2379353	QC	0.15	4.3	0.1	<0.05	2.1	14.83	25.6	0.02	1	0.6	3.0	<10	<2
2379389	Soil	0.33	5.9	0.2	<0.05	1.1	1.62	26.4	<0.02	<1	0.2	9.9	<10	<2
REP 2379389	QC	0.35	6.3	0.2	<0.05	1.2	1.67	27.4	<0.02	<1	0.3	9.3	<10	<2
Reference Materials														
STD DS9	Standard	0.98	38.9	7.2	<0.05	2.1	6.43	24.5	2.42	79	5.9	26.9	107	394
STD DS9	Standard	0.98	34.1	6.7	<0.05	1.6	5.57	22.2	2.35	69	5.9	26.0	117	363
STD DS9	Standard	0.93	34.8	6.7	<0.05	1.5	5.29	20.1	2.32	59	5.7	27.0	124	363
STD DS9	Standard	1.04	35.3	6.7	<0.05	1.4	5.46	23.1	2.26	45	6.0	26.2	127	373
STD DS9	Standard	0.90	35.4	6.9	<0.05	1.4	5.59	23.8	2.37	67	6.0	29.0	129	393
STD DS9	Standard	0.87	33.3	6.3	<0.05	1.5	5.71	22.9	1.99	65	5.3	24.9	111	365
STD OREAS45EA	Standard	0.07	8.3	0.9	<0.05	17.1	5.41	18.1	0.12	2	0.8	2.6	62	110
STD OREAS45EA	Standard	0.06	7.3	0.9	<0.05	18.8	5.10	16.1	0.10	<1	0.3	2.5	75	111
STD OREAS45EA	Standard	0.06	7.3	0.8	<0.05	19.2	5.26	16.4	0.06	<1	0.3	2.7	70	114
STD OREAS45EA	Standard	0.04	6.9	0.7	<0.05	17.1	4.76	17.8	0.07	2	0.4	2.2	64	105
STD OREAS45EA	Standard	0.05	6.3	0.8	<0.05	16.0	4.47	15.1	0.09	3	0.4	2.3	82	94
STD OREAS45EA	Standard	0.06	7.2	0.8	<0.05	18.2	5.04	15.8	0.07	<1	0.3	2.3	77	107
STD DS9 Expected		0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD OREAS45EA Expected		0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	7.63	66	108
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Vancouver BC V6E 3P3 CANADA

Project: AKIE
Report Date: September 27, 2013

QUALITY CONTROL REPORT VAN13003698.1

		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
BLK	Blank	<0.01	<0.01	0.04	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.05	<0.1	4	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.01	<0.1	7	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	0.01	<0.001

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		1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	0.6	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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		1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2