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Assessment Report on Geochemical Work Conducted during September and October 2014 at the

Ridout Lake Mineral Tenure

Greenlaw – Cunningham – Tooms – Halcrow Townships

Porcupine Mining Division

Ontario, Canada

Latitude/Longitude (center): 47.7398°N, -82.8148°W (decimal degrees)

UTM, NAD 83 Zone 17N (center): 363947mE 5288986mN

1:250,000 NTS Map Sheet: 41O/10 and 41O/15

Owner/Operator: Teck Resources Limited

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March 16, 2016

Contents

Executive Summary

The Ridout Lake Property ("ROL" or the "Property") consists of 39 contiguous claims (285 claim units or 7,638 hectares) located in the northern Swayze Greenstone Belt, within the Abitibi Subprovince of the Superior Province, in northeastern Ontario [Figure 1]. The Property is located along Ridout Lake and is 195km northwest of Sudbury and 130km southwest of Timmins. The Property was acquired by Teck Resources Limited ("Teck" or the "Company") in August 2012, via open staking "Ridout Lake" and optioning two land packages from two vendors on Ridout Lake West ("ROL-W") and Ridout Lake South ("ROL-S") [Table 1].

Property geology is dominated by west-trending, steeply-dipping sequences of felsic to mafic volcanic and sedimentary rocks, interrupted locally by mafic and felsic intrusive rocks. The Property contains a first-order structure, referred to as the Ridout-Tyrell shear, and associated strain zones known as the Wakami high-strain zone and Ridout high-strain zone (Heather and Shore, 1999).

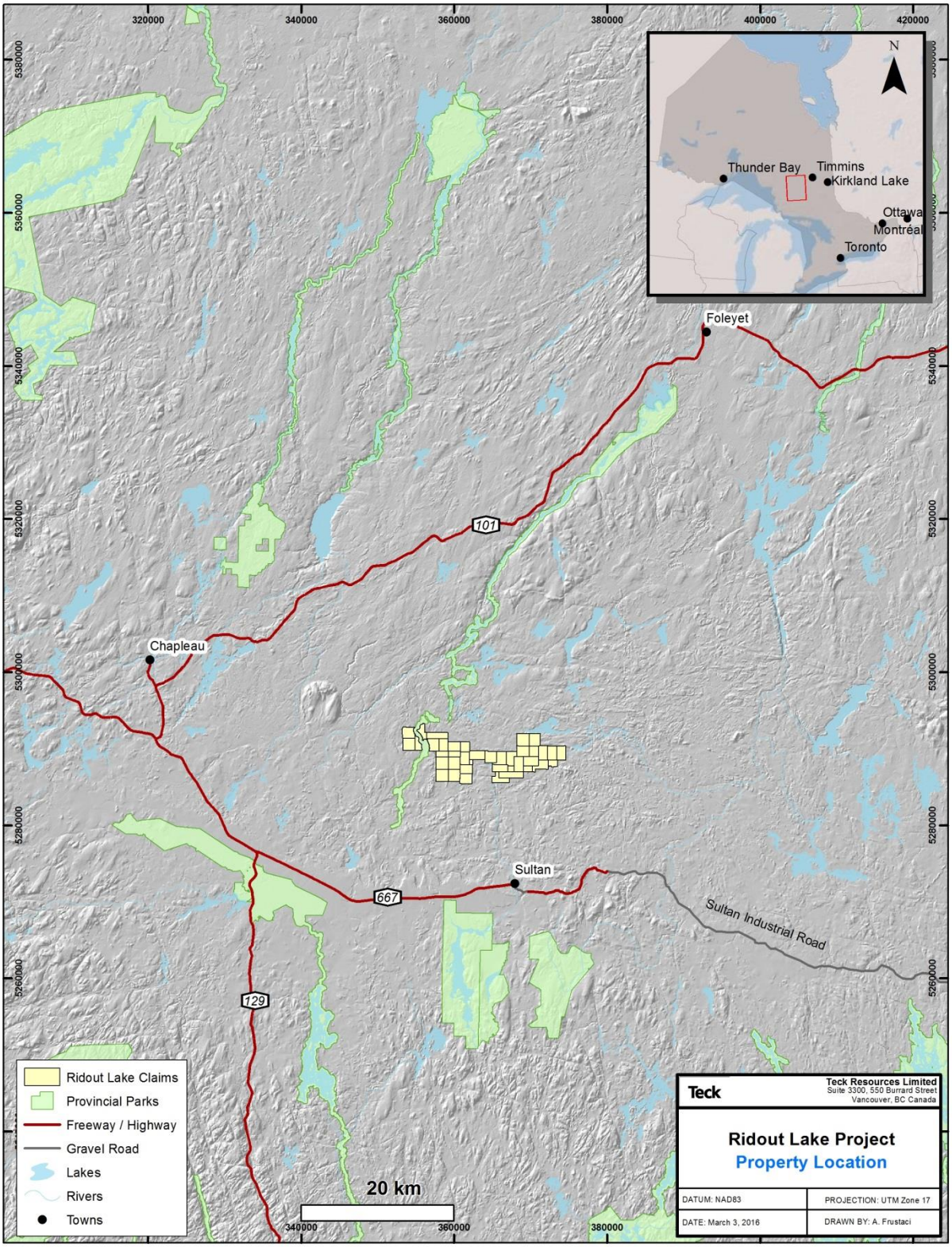
The Property has had a number of grassroots exploration programs and reverse circulation ("RC") and diamond drilling campaigns completed, many testing shallow electromagnetic ("EM") conductors to explore for massive-sulphide targets [Table 3]. Teck's exploration work on the Property includes a 2013 heliborne versatile time domain electromagnetic ("VTEM") survey, a winter (February - March) 2014 property-scale spruce bark sampling program, and a fall (September – October) 2014 infill spruce bark sampling and rock sampling program. This report includes the results of infill spruce bark sampling and rock sampling, which focused on anomalies from the previous winter spruce bark campaign within ROL-S and ROL-W [Figure 2, 3]. The results of the infill spruce bark and original winter spruce bark surveys are combined to demonstrate the anomalies of both spruce bark survey campaigns.

1.0 Introduction

Picea mariana (black spruce) tree bark was sampled in February and March of 2014 on 400m-spaced lines at 25m grid spacing. The fall campaign sampled between lines of interest for 200m line spacing [Figure 4]. Concurrently, rock samples were taken where outcrop was available [Figure 5].

Information contained in this report includes a summary of the exploration history in the project area, the descriptions of the regional geology, project geology and mineralization. Appendices for this report include spruce bark geochemistry data, rock sample geochemistry data, assay certificates and QAQC reports from the fall 2014 program.

Figure 1. Location of the Ridout Lake Property.



2.0 Property Location, Ownership, Abbreviations and Units

2.1 Location and Description

The Ridout Lake Property is located in the southwest portion of the Swazye Greenstone Belt within the Porcupine Mining District of northeastern Ontario. The Property is situated along Ridout Lake and Little Ridout Lake, and south of Rollo Lake. The closest populated center is the town of Chapleau, located approximately 38km northwest of the Property. The nearest settlement is the community of Sultan, Ontario, located 15km south of the Property.

The Property consists of 39 contiguous claims for approximately 7,638 hectares in size, centered over Ridout Lake and the Ridout-Tyrell shear. A complete list of claim numbers, claim units, expiry dates and townships for each of the mineral claims of the Property are contained in Table 1.

Table 1. Mineral claims of the Ridout Lake Property, Ridout West (ROL-W) and Ridout South (ROL-S)

Claim Number	Number of Claim Units	Project	Due Date	Township
P-1234849	10	Ridout South Property, ON	22-Apr-16	GREENLAW (G-3235)
P-3015547	4	Ridout South Property, ON	22-Apr-16	GREENLAW (G-3235)
P-3015677	6	Ridout South Property, ON	22-Apr-16	GREENLAW (G-3235)
P-4218047	15	Ridout South Property, ON	26-Aug-16	GREENLAW (G-3235)
P-04248721	15	Ridout South Property, ON	26-Aug-16	CUNNINGHAM (G-1095)
P-4250427	16	Ridout South Property, ON	15-Sep-16	GREENLAW (G-3235)
P-4268816	14	Ridout West Property, ON	2-May-16	HALCROW (G-1135)
P-4269791	16	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269792	16	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269793	16	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269794	16	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269795	12	Ridout West Property, ON	2-May-16	GREENLAW (G-3235)
P-4269797	8	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269798	10	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P-4269799	12	Ridout West Property, ON	2-May-16	HALCROW (G-1135)
P-4269800	12	Ridout West Property, ON	2-May-16	TOOMS (G-1223)
P 4270870	14	Ridout Lake Property, ON	27-Aug-16	HALCROW (G-1135)
P 4270871	8	Ridout Lake Property, ON	27-Aug-16	HALCROW (G-1135)
P 4270872	7	Ridout Lake Property, ON	27-Aug-16	HALCROW (G-1135)

P 4270873	16	Ridout Lake Property, ON	27-Aug-16	HALCROW (G-1135)
P 4270874	14	Ridout Lake Property, ON	27-Aug-16	HALCROW (G-1135)
P 4270875	10	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270876	15	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270877	2	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270878	16	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270879	14	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270880	12	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270882	11	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270883	16	Ridout Lake Property, ON	27-Aug-16	DENYES (G-1107)
P 4270884	16	Ridout Lake Property, ON	27-Aug-16	SWAYZE (G-3249)
P 4270885	14	Ridout Lake Property, ON	27-Aug-16	GREENLAW (G-3235)
P 4270886	11	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P 4270887	14	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P 4270888	14	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P 4270889	14	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P 4270890	12	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P 4270891	7	Ridout Lake Property, ON	27-Aug-16	CUNNINGHAM (G-1095)
P-4277134	12	Ridout Lake Property, ON	29-May-16	GREENLAW (G-3235)
P-4277135	16	Ridout Lake Property, ON	29-May-16	GREENLAW (G-3235)

2.2 Ownership

All 39 claims comprising the Property are operated by Teck Resources Limited. The ROL-W claims consist of 10 claims and the ROL-S claims consist of 6 claims which are optioned from two sets of vendors [Figure 2, 3].

2.3 Abbreviations and Units

In this report spruce bark samples are reported as elemental metal quantities and are displayed in map form as a quantity in proportion to their ash weight percent equivalent [Table 2]. All references to dollars are in Canadian dollars (CDN$). Abbreviations and units used in this report are those commonly referred to in the scientific literature.

Geographical locations of samples were recorded by handheld Garmin 62s GPS units, using universal transverse Mercator (“UTM”) coordinate system, North American Datum (“NAD”) 83, Zone 17. Coordinates were recorded to the nearest metre, with +/- 3-5m accuracy in each of northing and easting directions. Strike and dip were recorded in right-hand rule, using a brunton compass with a magnetic declination of 9° west.

The results of the fall 2014 spruce bark survey were leveled using the Relative-value, Discrimination-factor and Vector-ratio methodology ("RDVM") created by Colin Godwin (in press), to compare the two survey campaigns [Appendix 3; see Section 7 for levelling details]. The raw percentiles by element were calculated based on the ash weight percent equivalent. This means that the raw assay results are multiplied by the percentage of ash recovery (the weight of the original macerated vegetation divided by the weight of the macerated vegetation once ashed, multiplied by 100).

The results of the fall 2014 rock survey are reported as percentiles by element. Percentile maps of each element are recorded in parentheses behind the assay ranges for each map symbol [Appendix 4].

Table 2. Abbreviations and SI units used in this report

Abbreviation	Long Form	SI Units	Long Form
Au	Gold	**ppb**	Parts per billion
Ag	Silver	**ppm**	Parts per million
As	Arsenic	**T**	Tonne (metric)
Bi	Bismuth	**kg**	Kilogram
Cr	Chromium	**g**	Gram
Cu	Copper	**km**	Kilometer
Hg	Mercury	**m**	Meter
Mo	Molybdenum	**ha**	Hectare
Pb	Lead	**wt. %**	Weight percent
S	Sulphur		
Sb	Antimony		
Ti	Titanium		
Te	Tellurium		
W	Tungsten		
Zn	Zinc		

Figure 2. Claim location of spruce bark samples collected at the Ridout Lake Property.

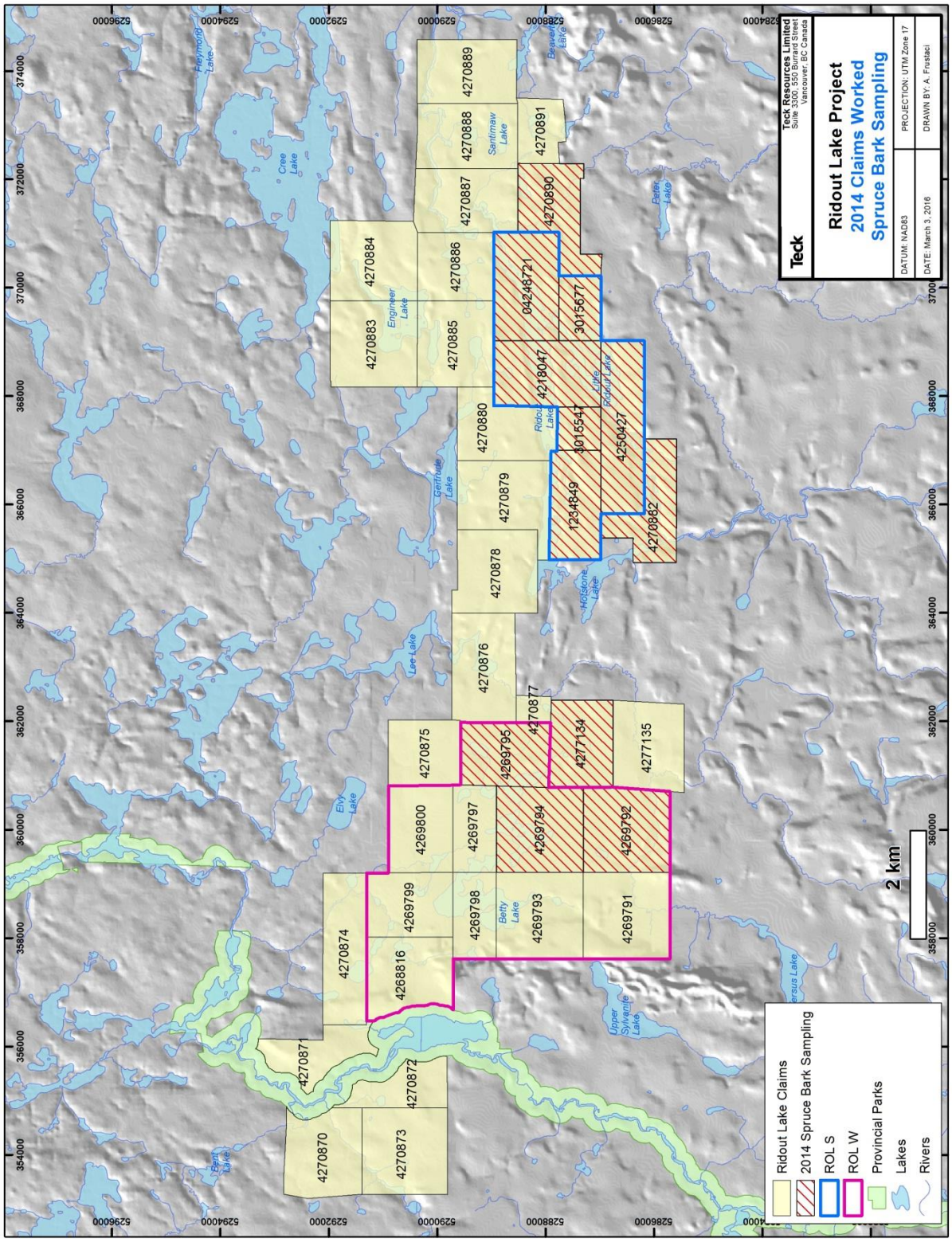


Figure 3. Claim location of the rock samples collected at the Ridout Lake Property.

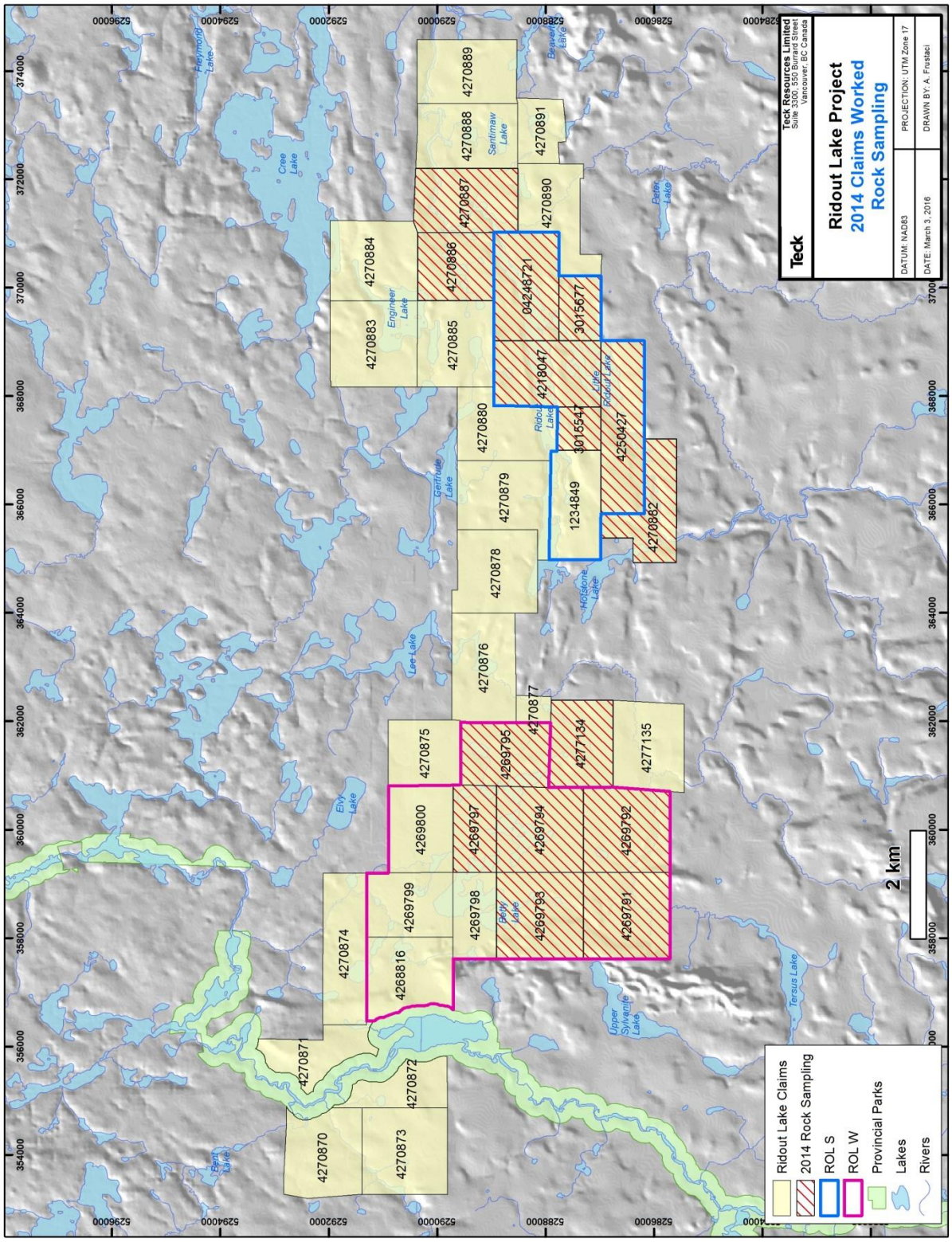


Figure 4. Spruce bark sample sites of the winter (Feb-Mar) and fall (Sep-Oct) 2014 surveys.

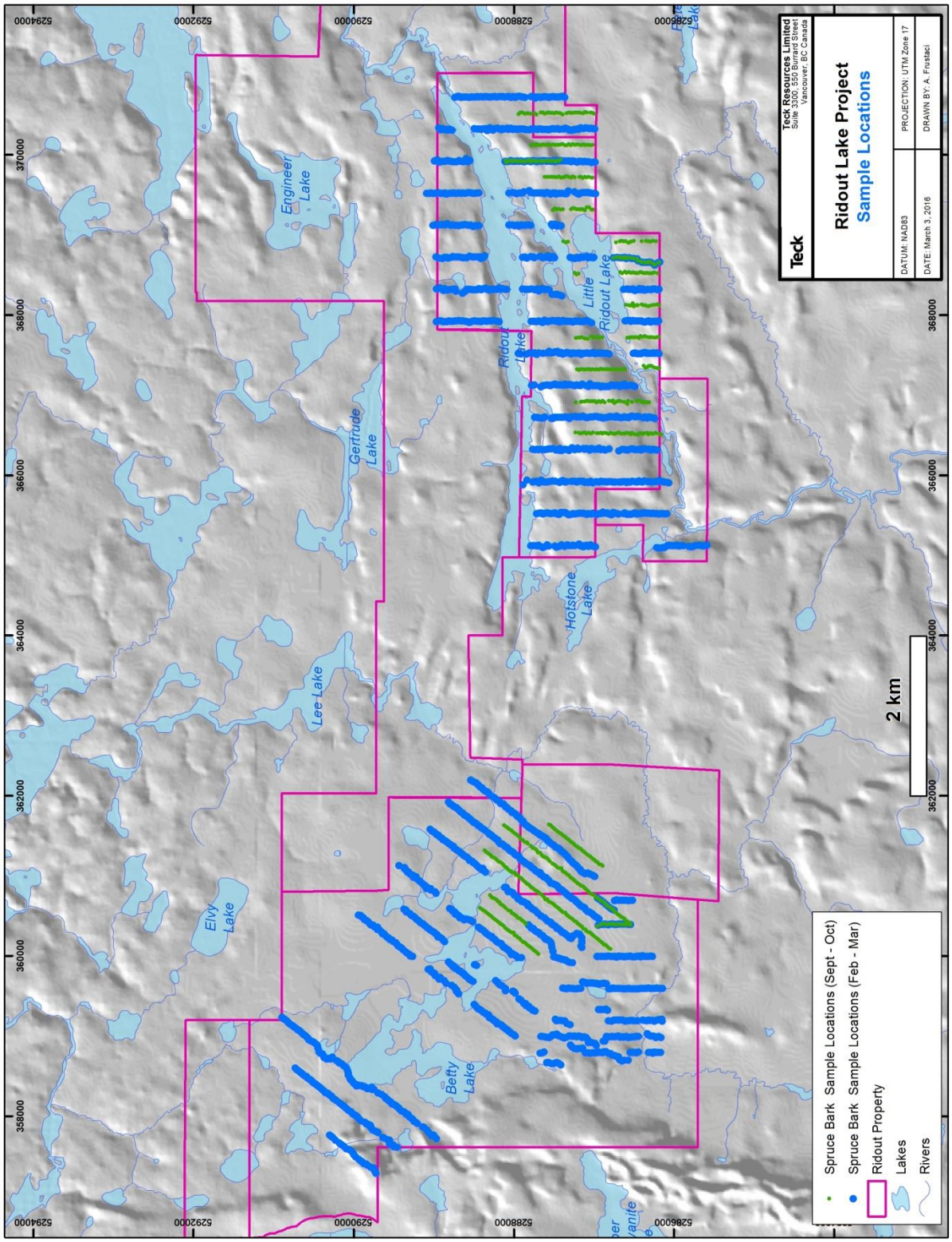
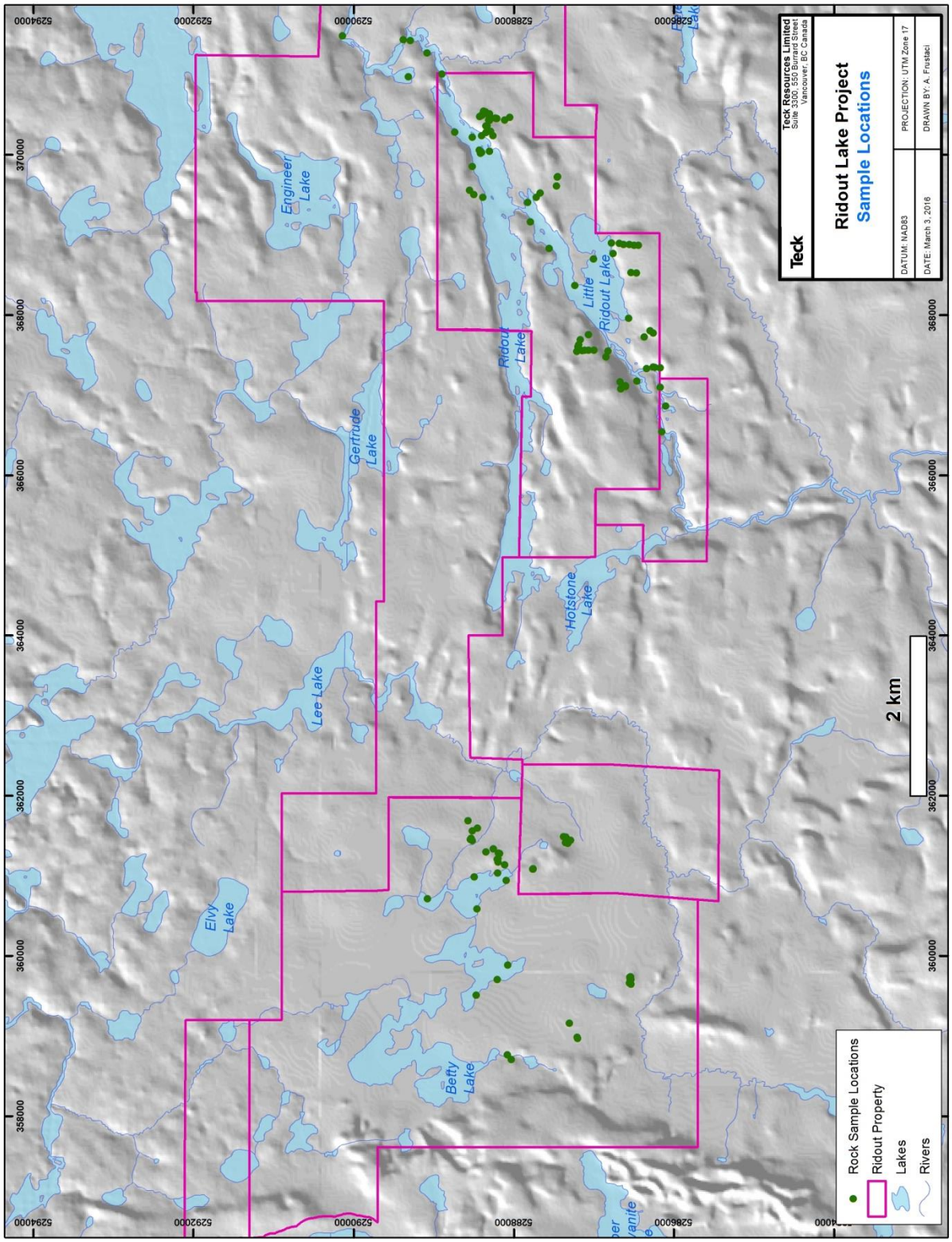


Figure 5. Rock sample sites of the fall (Sep-Oct) 2014 survey.



3.0 Access, Infrastructure, Climate and Physiography

3.1 Access

The nearest settlement is the community of Sultan, ON, located 15km south of the Property. From the town of Chapleau, the Property can be accessed by driving south on Highway 129, and after 60km turning east onto the secondary Highway 667. A network of logging roads give access to the southwestern and southeastern edge of the claims via the Kormack and Blamey logging roads, respectively, which intersect secondary Highway 667 or the Sultan Industrial Road. The Foleyet logging road provides access to the northwest edge of the property near the Ivanhoe River and Sawbill Lake.

ATV trails off of the logging roads give access to Ridout Lake and Little Ridout Lake for boating, which aid in internal access to the property. Ridout Lake can also be accessed via float plane from Chapleau or Foleyet.

3.2 Climate

The climate in the area is continental temperate, with short, warm summers and long, very cold winters. Typical daily average temperature is 16°C in the summer months and -15°C in the winter months. Precipitation averages 900mm per year. Average rainfall in the summer is 87mm per month, and average snowfall in the winter is 56cm per month. Thick accumulations of snow are common in the winter, and have an average depth of 57cm in the winter months. Fieldwork can normally occur year round, avoiding spring-melt and fall-freeze due to swampy and muskeg conditions. Wind is relatively light and consistent year round, with an average of 12km/hr wind speed.

3.3 Physiography

The topography of the Property consists of low, sloping hills, decreasing in elevation towards the lakes and swamps. The elevation decreases from 450m above sea level (ASL) along several hills south of Ridout Lake to 410m ASL along the north-flowing drainage. Vegetation consists of poplar, birch and black and white spruce, with black spruce and cedar dominating the lower elevation, swampy areas. Numerous red pine trees can be found along the north shore of Ridout Lake. Muskeg and swamp is present throughout the Property.

The Property lies within the Hudson Bay watershed, approximately 35km north of the drainage divide between the Great Lakes and Arctic watersheds. Ridout Lake drains north into the Wakami-Woman river system.

There is approximately 10% outcropping rock across the Property, and outcrop is more frequent at lake edges. Outcrop is less frequent in the west (ROL-W) than east (ROL-S) of the Property due to the presence of glacial deposits.

4.0 Exploration History

The ROL Property has been covered at various times with magnetic, EM and mapping surveys. Soil sampling by Granges Exploration and WMC International did not produce positive results. Diamond and percussion drilling has taken place at various times over the Property, with the majority of drilling taking place in the mid-1980's. For the most part, drill holes were less than 150m deep, and appeared to target EM conductors in search for massive sulphide deposits. A table of the historic work from assessment file reports is listed in Table 3.

Table 3. Historic work on or near the Ridout Lake Property.

Assessment Report No.	Year	Company	Work Done
41O15NE0011	1959	M.W. Bartley	Prospecting
41O10NW0030	1967	Canadian Nickel Co. Ltd.	1 DDH
41O10NW0031	1967	Canadian Nickel Co. Ltd.	1 DDH
41O15SW0077	1971	Dome Exploration	1 DDH
41O10NW0032	1971	Dome Exploration Canada Ltd.	1 DDH
41O10NW0033	1971	Dome Exploration Canada Ltd.	2 DDH
41O10NW9061	1972	Broad Scope Developments Ltd./Greenlaw Developments Ltd./A.S. Bryson	4 DDH
41O10NW0027	1977	Granges Exploration	1 DDH
41O10NW0028	1977	Granges Exploration Ltd.	1 DDH
41O10NW0029	1977	Granges Exploration Ltd.	1 DDH
41O10NW9062	1978	Granges Exploration Aktiebolag	1 DDH
41O10NW0023	1981	Granges Exploration Ltd.	7 DDH
41O10NW9066	1982	Hollinger Argus Ltd.	2 DDH
41O10NW0021	1983	Karvinen Associated Ltd.	Glacial Sediments, 66 basal till assays
41O10NE0023	1983	Kid Creek Mines Ltd.	Geological Mapping and Rock Sampling
41O10NW9064	1983	Noranda Exploration Co. Ltd.	1 DDH
41O10NW0015	1984	Noranda Exploration Co. Ltd.	VLF and Magnetometer survey
41O10NW0019	1984	Noranda Exploration Co. Ltd.	Geological Mapping
41O10NW9106	1984	Quinterra Resources Inc.	6 DDH, trenches
41O10NW0016	1984	Regal Petroleum Ltd.	Magnetic and VLF Electromagnetic airborne Survey
41O10NW0011	1984	Regal Petroleum Ltd., David R. Bell Geological Services Inc.	Rock Sampling, Soil Sampling, 133 soil assays
41O10NW9063	1985	Collingwood Energy Inc.	Rock Samples

41O145SE0122	1985	Folkstone Resources Ltd.	Humic Sampling
41O10NW0009	1985	Granges Exploration Ltd.	Soil Sampling, 170 assays
41O10NW0010	1985	Granges Exploration Ltd.	Soil Sampling 339 assays of B horizon at 0.3m depth
41O10NE1010	1985	Noranda Exploration Co. Ltd.	4 DDH
41O10NE9065	1985	Noranda Exploration Co. Ltd.	1 DDH
41O10NW0008	1985	Noranda Exploration Co. Ltd.	1 DDH
41O10NW0004	1986	Canadian Nickel Co. Ltd.	82 RC
41ONE0019	1986	Noranda Exploration Co. Ltd.	Humic Sampling and Geological Mapping
41O15SW0084	1986	Regal Petroleum Ltd.	14 DDH, 16 Trenches, 40 Rock and Channel Samples, IP Survey, 79 Soil Samples
41O15SW0106	1987	Granges Exploration Ltd.	2 DDH
41O10NW0005	1987	Quinterra Resources Inc.	2 DDH
41O10NW00043	1987	Quinterra Resources Inc.	9 DDH
41O10NW9157	1989	OPAP M.Tremblay	Rock Sampling
41O10NE0097	1990	OPAP K. McDonough	Rock Sampling
41O14SW9179	1990	OPAP M.Tremblay	Rock Sampling
41O10NW0001	1991	Norwin Geological Ltd; K. McDonough	Rock Sampling
41ON10NE0086	1991	Norwin Geological Ltd; K. McDonough	Rock Sampling
41O10NE0008	1991	OPAP K. & B. McDonough	Blasting/Cutting, Rock Sampling
41O15SE9092	1992	Cree Lake Resources Corp./MPH Consulting Ltd.	801 Soil Samples, Trenching
41O10NW9099	1992	Kennecott Canada Inc./MPH Consulting Ltd.	4 Trenches, HLEM and Magnetic Geophysical Survey
42B01NE0033	1992	OPAP: W.R. Troup	14 Rock Samples; 29 Soil Samples
41O10NW0012	1993	Cameco Corporation	VLF-EM geophysics, Geological Mapping, Rock Sampling
41O10NW9201	1993	Kennecott Canada Inc.	1 DDH
41ONW2008	1994	Cameco Corporation	6 DDH
41O10NW9200	1994	Kennecott Canada Inc.	8 DDH, 3 Trenches
41O10NE2001	1994	OPAP B. McDonough	Trenching, 12 Rock Samples
41O10NW0006	1995	Cameco	6 DDH
41O15SE0034	1995	WMC International Ltd.	IP Survey
41O15SE0038	1995	WMC International Ltd.	Magnetic and VLF-EM Surveys
41O15SE0044	1996	WMC International Ltd.	4 DDH, 67 Till Samples, 64 Soil Samples, 14 RC holes, 478 Rock Samples
41O10NW2003	1998	D.L. Gibson	Prospecting and VLF/TF Mag Survey
41O10NW2002	1998	WMC International	1:5000 Geological Mapping, Soil, Till, Magnetic, VLF and IP surveys
41O10NW2005	1999	OPAP D.L. Gibson	3 DDH
41O10NW2007	2002	Canabrava Diamond Corp.	Heli-borne magnetic survey; 1 DDH

5.0 Regional and Property Geology

The regional geology of the Swayze Greenstone Belt is dominated by east-west trending, steeply-dipping sequences of volcanic and sedimentary rocks, interrupted locally by mafic and felsic intrusive rocks. The supracrustal sequence is bounded to the east by the Kenogamissi Batholith, to the south by the Ramsay-Algoma gneissic complex and to the west by the Kapuskasing granulite terrain. Government mapping at a scale of 1:50,000 by Heather and Shore (1999) illustrate the main lithological units across the Property [Figure 6].

Relatively little age dating has occurred on the Property. The Property consists mainly of east-west-trending mafic volcanic of unknown stratigraphic position or association. The volcanic units have a general northeast-southwest trend along Ridout Lake and a northwest-southeast trend across Betty Lake, with a junction at a north-trending fault along Hotstone Lake.

Some of the mafic volcanic rocks are considered Rush River Formation volcanics, which includes locally feldspar-phyric basaltic to andesitic massive flows, minor pillowed flows and lapilli tuff, as well as intermediate calc-alkaline dacitic to andesitic monolithic lapilli tuff and massive flows of the Strata Lake Formation. A geochronology sample taken from the intermediate volcanic rocks of the Strata Lake Formation returned an ID-TIMS (isotope-dilution thermal-ionization mass spectrometry) on zircon U-Pb date of 2731 ± 2 Ma via (van Breeman et al., 2006).

Thinner layers of ultramafic volcanic rocks and gabbro occur within the ROL-W claims, with smaller lenses north of Ridout Lake. Iron formation, generally less than 75m thick, are parallel to the overall east-west trend of the volcanic units.

Relatively thick sedimentary units occur along first-order structures within the Wakami and Ridout high-strain zones. These sediments are mapped by Heather and Shore (1999) as sedimentary and felsic volcaniclastic rocks with interbedded sandstone, silststone, argillite, and mudstone of the Denyes Formation (<2696 Ma), or polymictic boulder to pebble conglomerate, quartz and feldspar-rich sandstone and siltstones with minor wacke and argillite of the Opeepeesway Formation (<2690 Ma). The Opeepeesway Formation and Denyes Formation are separated by an unconformity, parallel to a first-order structure and Little Ridout Lake. A geochronology sample of the Denyes volcaniclastic sediments, taken from Little Ridout Lake, contained a zircon U-Pb age of 2696 ± 2 Ma , using ID-TIMS (van Breeman et al., 2006).

Plutonic rocks exposed on the Property consist of small outcrops of quartz-feldspar porphyry identified within sediments south of Ridout Lake. The quartz-feldspar porphyry rocks are not age constrained.

The Ridout high-strain zone is located across Ridout Lake and offset sinistrally deflected by 1.5km along a late N-NW-striking fault running along Hotstone Lake. East of Hotstone Lake, the Ridout high-strain zone is east-west striking and west of Hotstone Lake the Ridout high-strain zone is northwest-striking. The Wakami high-strain zone occurs over Little Ridout Lake and is northeast striking [Figure 6; Heather and Shore, 1999].

Glaciated in the Wisconsinan and covered by the Laurentide Ice Sheet, this region has undergone several stages of glacial advance and retreat. A general south-southwest glacial advance (185-210°) (McClenaghan et al., 2001) and a local, younger southeasterly glacial shift (155-175°) has been identified in striations southwest of Ridout Lake (Bernier, 1994).

Based on Ontario Geological Survey 1:50,000 quaternary geology maps of the Rollo Lake and Sultan area, cover in the Property area consists of a bedrock-drift complex, which includes discontinuous and thin (0-3m) cover of drift (Figure 7; Bernier, 1998). Along rivers and creeks there are glaciolacustrine deposits, mainly massive, bedded or laminated well-sorted sand, silt and clays deposited in ice-marginal and proglacial basins (Bernier, 1998). In lesser amounts are recent alluvial deposits (coarse, medium and fine sand, silt and organic-rich deposits), organic deposits (peak, mud, sphagnum material), and eolian deposits (thick and often extensive massive, laminated or cross-bedded coarse-fine sand dunes (Bernier, 1998).

The western side of the Property contains glaciofluvial ice-contact deposits (moderately-poorly sorted sand and gravel, cobbles, boulders and till deposits), and glaciofluvial outwash deposits (massive to bedded sand-cobble deposited in proglacial meltwater channels). The presence of these glaciofluvial deposits results in limited outcrop on the western side of the Property.

Figure 6. Bedrock geology (Heather and Shore, 1999) at the Ridout Lake Property.

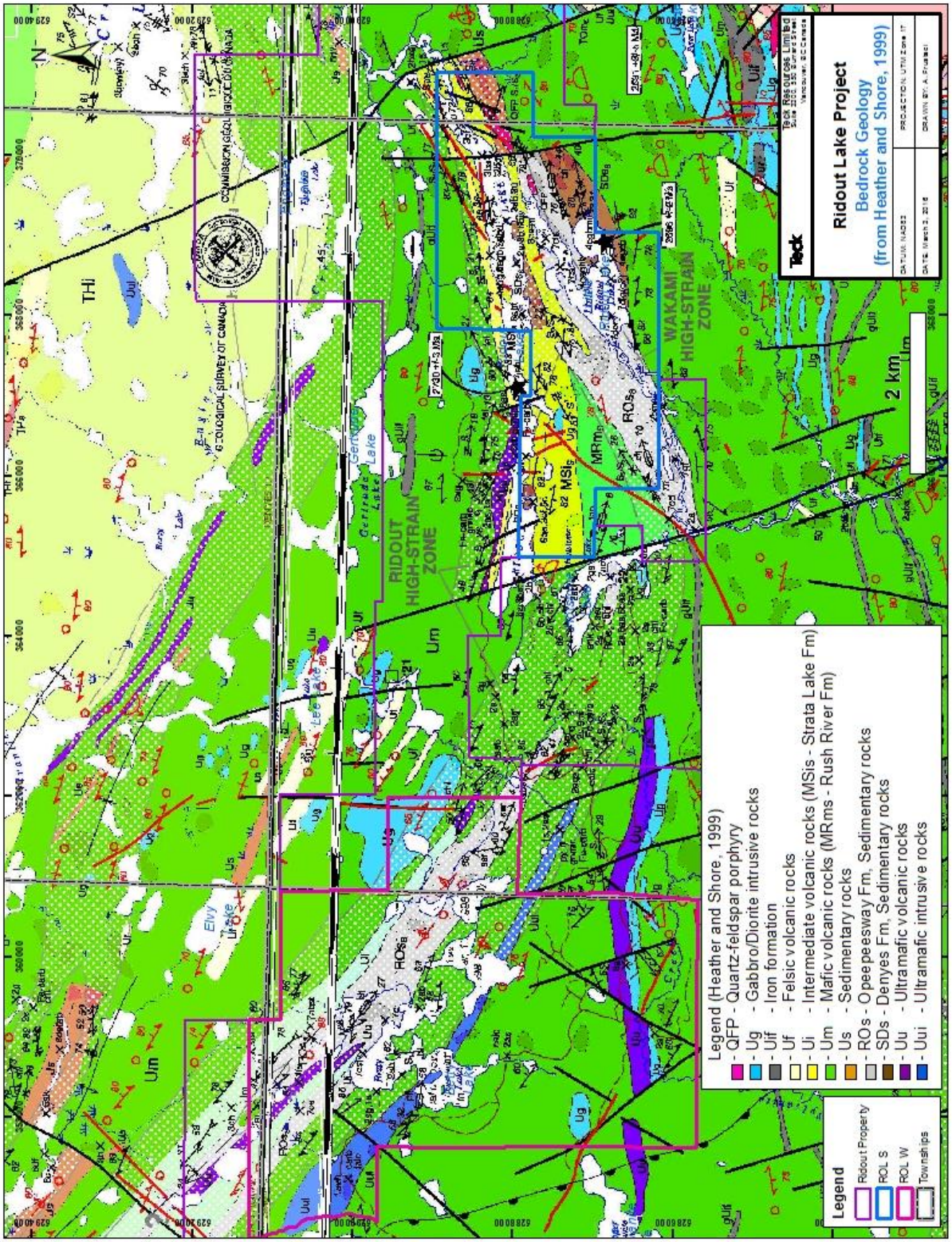
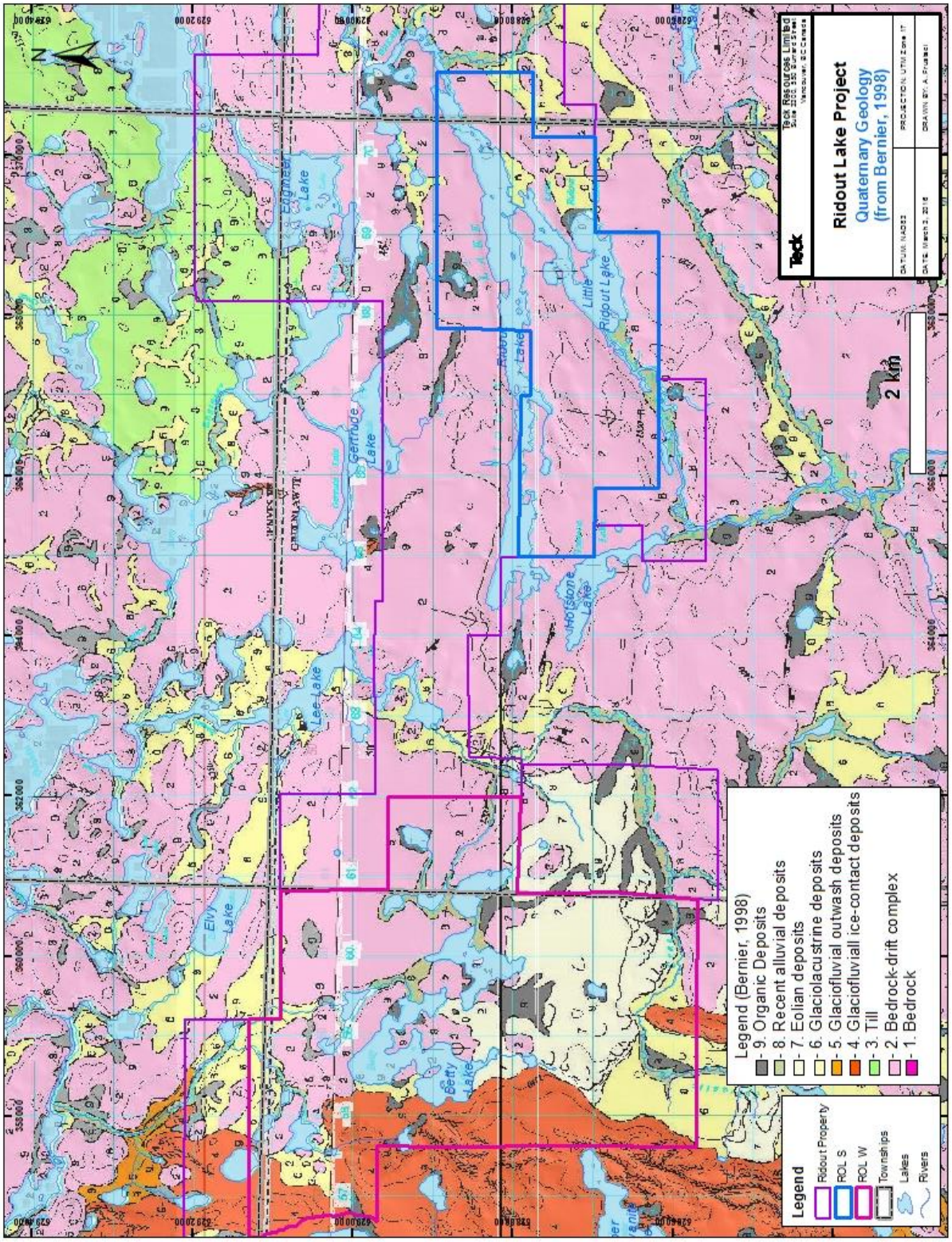


Figure 7. Quaternary geology (Bernier, 1999) at the Ridout Lake Property.



6.0 Sample Preparation, Analysis, Security and QAQC

6.1 Spruce Bark Sample Preparation, Analysis, and Security

Picea mariana (black spruce) tree bark samples were collected by a steel-toothed paint scraper into a modified plastic dust pan and transferred to brown paper envelopes [Figure 8]. Only mature healthy trees were sampled, having a diameter of 20 - 50cm and at least 3m tall. Correct identification of the desired species of tree, shrub or other vegetation to be sampled is critical to the success of a biogeochemical survey.

Spruce bark samples were packaged by a crew member and checked by the Project Geologist prior to transport to Acme Analytical Laboratories ("Acme") in Timmins, as of January 1, 2015 is now Bureau Veritas Mineral Laboratories ("BV"). Each sample envelope was inspected for rips, and packed in groups of 25 into plastic bags and secured with a zip tie. These plastic bags were then inserted into rice bags and secured with another plastic zip tie. QAQC field standards and duplicates were inserted at a rate of 5%. For example, a population of 20 samples would contain 1 field standard and 1 field duplicate. QAQC reports of 2014 surveys are located in [Appendix 3].

Each shipment contained 150 samples or less and a total of 6 spruce bark shipments were delivered to Acme over the course of the program. The spruce bark samples were deposited at the Acme Timmins facility and shipped directly to their main laboratory in Vancouver for sample preparation and analysis.

Upon receipt in Vancouver, the samples were dried and macerated (prep code VGMAS). From the mulched material a 50g split was taken and then ashed (prep code VA475). From the ashed material a 0.25g split was taken for analysis. The 0.25g split was then leached with a modified Aqua Regia solution of equal parts concentrated HCl, HNO_3 and deionized H_2O in a heating block or hot water bath. The sample is made up to volume with dilute HCl. Results are reported as the concentration in ash. The pre- and post-ashing weights are provided herein to allow calculation of concentration in the raw sample.

6.2 Rock Sample Preparation, Analysis, and Security

Rock grab samples were collected by hand tools (e.g. rock hammer, sledge or geotool) of exposed outcrop, each approximately 2-4kg in size. Occasionally, not enough material would be available, and this is identified as "Outcrop Composite" in Appendix 2. The samples were packaged by a crew member and checked by the Project Geologist prior to transport to Acme in Timmins. Each sample bag was inspected for rips, and packed into rice bags and secured with a zip tie. QAQC field standards, blanks and

duplicates were inserted at a rate of 5%. For example, a population of 20 samples would contain 1 field standard, 1 blank and 1 field duplicate. QAQC reports of 2014 surveys are located in [Appendix 4].

Each shipment contained 100 samples or less and a total of 2 shipments were delivered to Acme. The rock samples were prepped at the Acme Timmins facility and then shipped to the hub laboratory in Vancouver for analysis.

At the Timmins facility the rock samples were prepped to the specifics of code PRP80-1000. Each sample was first oven-dried, then crushed to ≥ 80% passing 2mm from which a 1kg split was taken and pulverizing that to ≥85% passing 75µm. Following prep the 1kg of pulverized material was sent to Vancouver for analysis.

At the Vancouver lab each rock sample underwent analysis by two analytical packages: FA430 and GEO5. Concentrations of gold were determined by a lead-collection fire assay fusion on a 30g sample. After fusion the doré bead is digested in HCl and HNO_3 then analyzed for gold with an AAS finish (code FA430). In addition to gold analyses, each sample was analyzed by the GEO5 package. This is a combination of two ultratrace packages delivering comprehensive near-total abundance data for a large array of chalcophile and lithophile elements (including the rare-earth elements) by 4-acid digestion (MA250) with supplementary precious metal and pathfinder elements from a modified aqua regia digestion (AQ250).

6.3 Spruce Bark Sample Quality Control and Data Verification

Once the analytical data was received, each analytical lab job underwent a quality control check. As gold was the element of interest, gold assay results were used to pass and fail analytical data [Appendix 3]. For the spruce bark samples, the standards (custom standards from Colin Dunn) were assessed for accuracy and bias. If the standards were reported within the certified mean ± 3 standard deviations, they passed for accuracy. If the standards reported consecutively within the certified mean ± 2 standard deviations they passed for bias. For the fall 2014 Ridout spruce bark sampling there were no accuracy or bias failures and therefore the data is deemed fit for purpose [Appendix 3]. To monitor other elements, copper was also reviewed, although not used in the pass/fail criteria.

Samples were collected and analyzed using the same methodology as the original spruce bark (winter) program. Two lines at ROL-S were duplicated to determine any seasonal or laboratory shift in the data. 51 duplicate samples were taken at ROL-S. Additionally, two lines from the winter ROL-W campaign were duplicated in the ROL-W fall campaign, for a total of 28 duplicate samples. Often the same trees were sampled to identify seasonal or laboratory shifts within the data.

Upon review of the duplicate data from the fall and winter assays, it was observed that the winter and fall spruce bark surveys were affected by a seasonal variation in the bark or a laboratory shift. To allow for direct comparison of the winter and fall programs, the data was levelled using Dr. Colin Godwin's "Relative value" methodology (Godwin, in press). This approach allowed the normalized data from each program to be leveled separately for individual elements and then reviewed simultaneously to identify target areas. This technique contains two steps: re-coding each elemental data to odd numbers (1-11) based on their anomalous populations by using log-probability plots, and then adding the re-coded elemental values (1-11) using known pathfinder associations (Godwin, in press). Key pathfinder elements levelled via the "Relative-value" method were Au, Ag, As, Bi and Sb.

6.4 Rock Sample Quality Control and Data Verification

Once received from the lab, the rock sample data also underwent a quality control check. Gold was the element of interest, so the Au FA430 was used to pass/fail data [Appendix 4]. However, to monitor other key elements Cu, Pb and Zn (by MA250) was also reviewed, but not used in the failure criteria. Each analytical batch was assessed for contamination, accuracy and bias. The blank sample used (Blank_PG) was a pink granite supplied by Acme Laboratories. The samples were deemed contaminated if the blank reported >5x the analytical detection limit. No blank samples demonstrated contamination during the fall 2014 rock sampling program. In the same manner as for the spruce bark samples, the standards were assessed for accuracy and bias fails. If the standards reported gold within the certified mean ± 3 standard deviations, they passed for accuracy. If the standards reported consecutively within the certified mean ± 2 standard deviations, they passed for bias. During the fall 2014 program there were no identified accuracy or bias failures identified for rock samples and the data is fit for purpose [Appendix 4].

Figure 8. Photos of fall spruce bark sampling at the Ridout Lake Property.

7.0 Results of the Fall 2014 Spruce Bark and Rock Sampling

7.1 Previous Survey Results (Winter 2014)

In February and March, 2014 a large-scale spruce bark sampling program was completed over the Property. Black spruce bark samples were taken at 25m intervals along lines spaced 400m apart. A total of 1,849 samples were submitted to Acme for analysis, including 1,762 field samples and 87 QAQC samples. Several geochemical anomalies were identified across the Property from the 2014 spruce bark data. Gold assays did not systematically correlate with any other element; however, some pathfinder elements are spatially associated with higher gold (e.g. arsenic).

Two areas of anomalous pathfinder elements within spruce bark occurred in the southeast portion of the Ridout South claims, and in the southeast portion of the Ridout West claims. Both of these areas had identified anomalous geochemistry with respect to multiple pathfinder elements, including Au, Ag, Bi, As and Sb, relative to the surrounding spruce bark samples.

7.2 Fall 2014 Spruce Bark Survey Results

Two areas of infill sampling were completed in September and October, 2014. A total of 628 samples were collected during the fall 2014 program, to create 200m-wide spaced grid lines; 355 samples along 13 lines at ROL-S, and 273 samples along 6 lines at ROL-W [Figure 4]. The spruce bark was leveled via the RDVM method (Godwin, in press) and orogenic pathfinder (Ag, As, Bi and Sb) and gold assays and maps are reported in Appendix 2.

Anomalous spruce bark results often occurred in areas with overburden cover. The spruce bark anomalies present may be a result of tapping the water at the bedrock interface, or from within the overburden. If the spruce bark anomaly is reflecting the overburden or the glacial till in which the black spruce trees are rooted, this may result in presenting a transported anomaly.

7.3 Ridout South (ROL-S) Spruce Bark Results

Multi-element anomalies from orogenic pathfinders (Ag, Bi, As and Sb) exist within a narrow ellipsoid 300m wide (north-south) and 1200m long (east-west) within the spruce bark at Ridout South [Figure 9]. The highest anomalies within this ellipsoid could further be broken into two smaller clusters, each approximately 500m wide (north-south) and 200m long (east-west) [Figure 9].

A map of the gold in spruce bark values over ROL-S is provided in Figure 10. The anomalous high gold at ROL-S occurs within an ellipsoid 250m wide (north-south) and 1000m long (east-west), located south of the Ridout-Tyrell shear [Figure 10]. There is a single high-gold sample at ROL-S located north of the Ridout-Tyrell shear zone, but this location does not coincide with additional pathfinder elements [Figure 10]. The strongest geochemical anomaly in the area is located within the southeastern claims of Ridout South, south of the Ridout-Tyrell shear zone.

The orogenic pathfinders (Ag, As, Bi, Sb) combined with gold demonstrate the highest multi-elemental orogenic anomalies to occur in the southeast claims of ROL-S [Figure 11].

7.4 Ridout West (ROL-W) Spruce Bark Results

Similar to Ridout South, the geochemical assays of the fall and winter spruce bark campaigns were combined and leveled to determine anomalies within the spruce bark using the methodology by Godwin (in press).

A circular cluster of anomalous pathfinder elements (Ag, Bi, As and Sb) occurs along the southern shore an un-named lake, located east of Betty Lake [Figure 9]. Another anomaly of orogenic pathfinders is located along the northern edge of Betty Lake [Figure 9]. Another small cluster of moderately-anomalous pathfinder elements (Ag, Bi, As, Sb) occurs within the southeastern claim of ROL-W, approximately 1km west of a historic shaft at ROL-W [Figure 9].

The anomalous gold in spruce bark at ROL-W consists of 1 high and a few moderately anomalous samples within a circular cluster, with a diameter of approximately 350m [Figure 10]. Another anomaly is located over the southeast claims of ROL-W, located approximately 520m southwest of a historic shaft found on the Property [Figure 10]. This gold anomaly is possibly a transported anomaly, as the historic shaft is located in an up-ice (the direction from which the ice advanced) direction.

The ROL-W anomalies are relatively small, consisting of only a few samples each. The multi-element orogenic pathfinder and gold anomalies at ROL-W are not as robust as at ROL-S, possibly due to thick packages of Pleistocene eolian sand covering much of the ROL-W claims [Figure 7].

Figure 9. Orogenic pathfinders within spruce bark samples from the winter and fall campaigns (Ag-As-Bi-Sb). Surveys were levelled via Godin, in press. Bedrock geology via Ontario Geological Survey (2011).

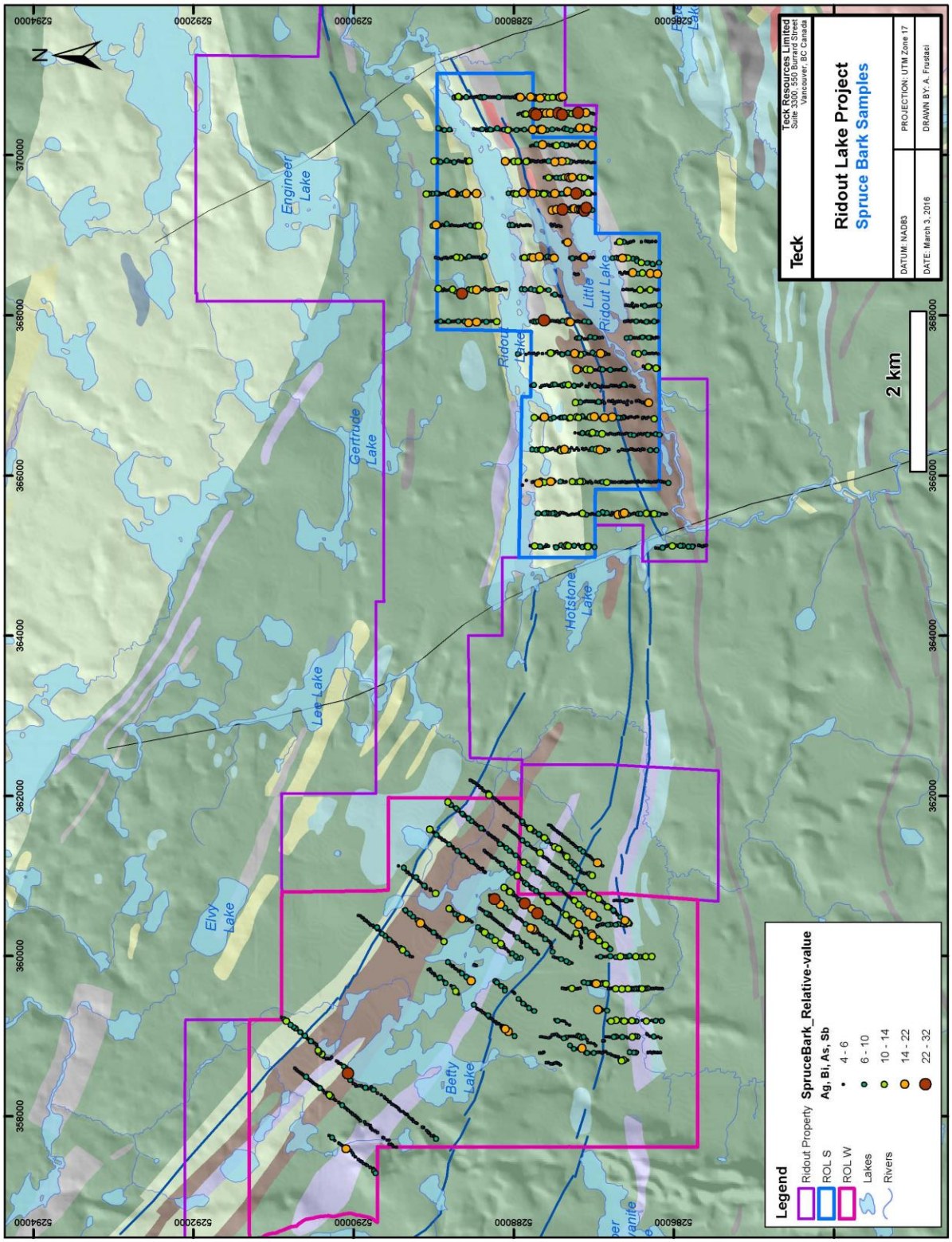


Figure 10. Gold anomalies within spruce bark samples, levelled via Godwin, in press. Geology from Geological Survey of Ontario (2011).

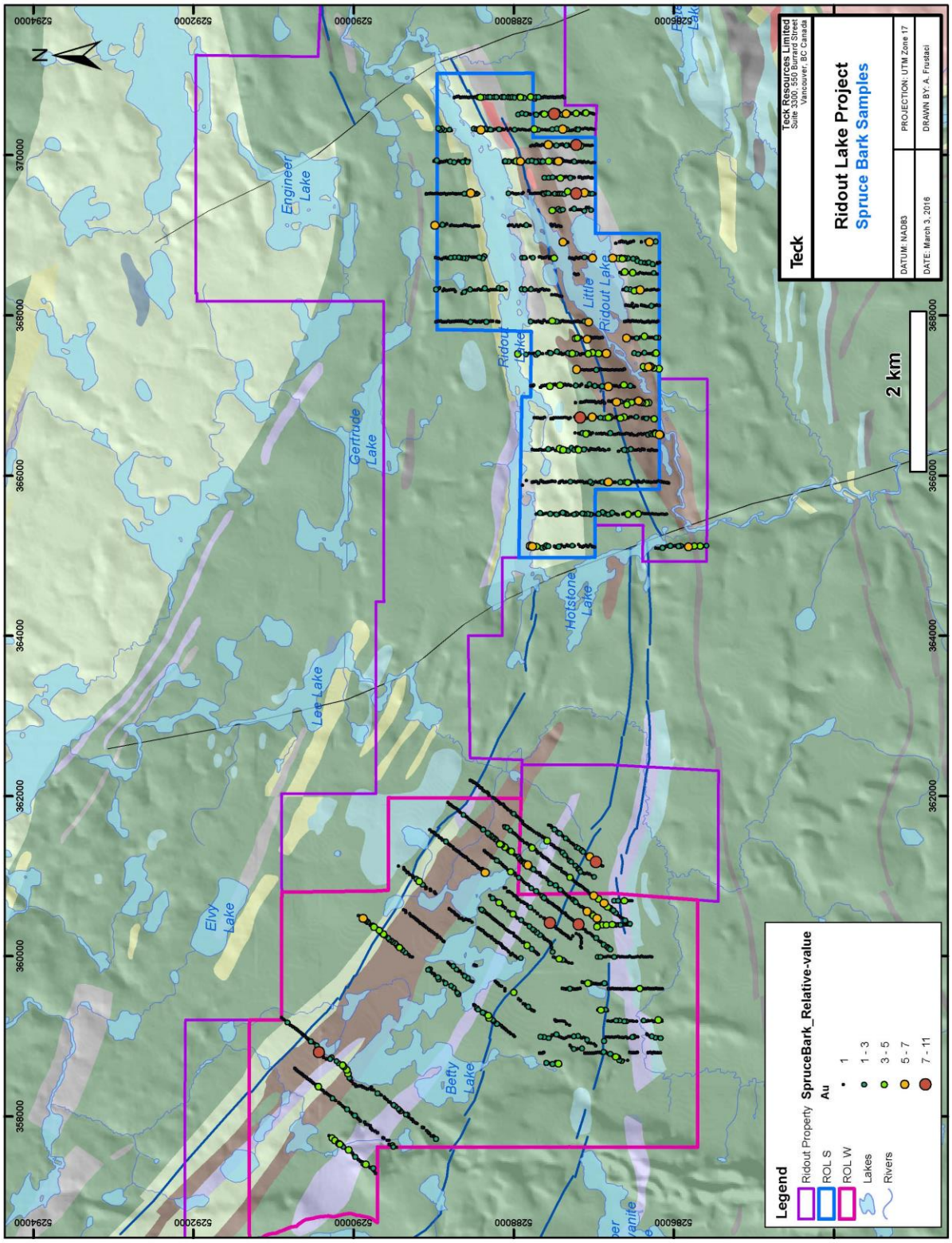
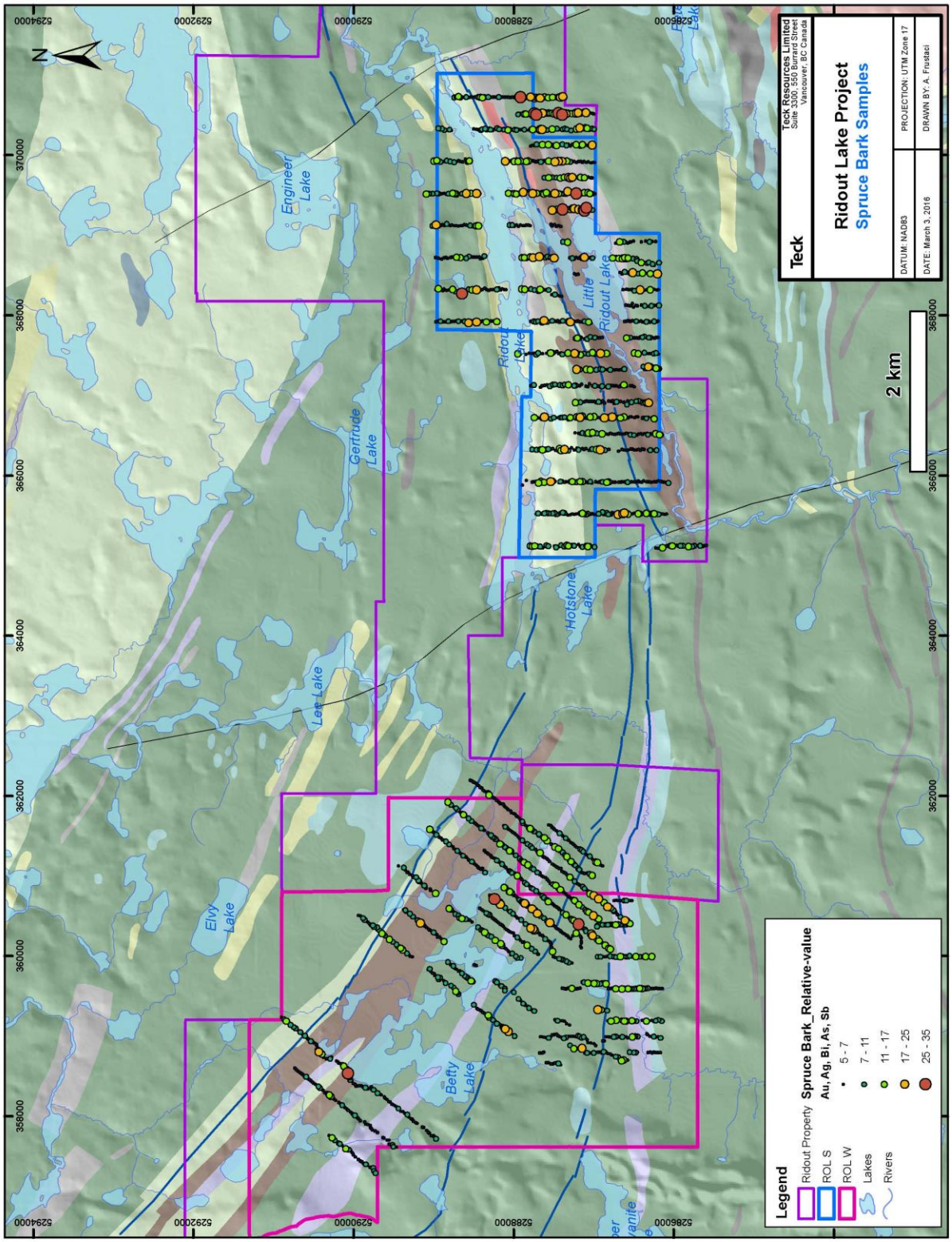


Figure 11. Gold and orogenic pathfinders in spruce bark samples, levelled via Godwin, in press. Geology from Geological Survey of Ontario (2011).



8.0 Fall 2014 Rock Sampling Results

Coincident with the spruce bark infill sampling, rock samples were collected from available outcrop during the fall geochemical sampling program. The rock samples were analyzed at Acme using a multi-acid (4 acid) digestion and aqua-regia digestion for seven elements (volatiles) with ICP-MS analysis and fire-assay analysis for gold. Geochemical maps and assay results of the rock samples are located in Appendix 3.

8.1 Ridout South Rock Sampling Results

During the spruce bark sampling program, rock samples were also collected during traverses and prospecting. A total of 87 rock samples were collected from the ROL-S claims. Most outcrops are located along Ridout Lake and Little Ridout Lake [Figure 5].

The highest grade gold assays at ROL-S come from 3 samples taken from an island within Ridout Lake. The island is approximately 50m wide (north-south) and 100m long (east-west) [Figure 12]. The island is colloquially named Gold Vein Island, due to a 30cm quartz vein with pyrite and anomalous gold. The vein contains milky-white quartz with coxcomb and vuggy textures with a narrow hematite selvage, and up to 1.5% pyrite. The 3 samples collected were of the quartz veins and surrounding altered mafic volcanic rocks and contained 3.514g/t, 1.465g/t, and 0.449g/t Au. The vein has an orientation of 255°/82° (strike/dip), similar to the average strong foliation of the mafic volcanic units of 257°/78°. These samples also contain anomalous Ag, Bi and Te and are weakly anomalous in S. Spruce trees were not sampled over gold vein island.

Orogenic pathfinders are also highlighted south of Ridout Lake, south-southeast of Gold Vein Island [Appendix 2]. Prior to Teck working on the Property, 4 outcrops, each 35-70m in length, were exposed by the use of pressure-washers [Figure 13]. These outcrops contain strongly foliated mafic volcanics and conglomeratic sediments with small outcrops of quartz feldspar porphyry with narrow quartz-carbonate veining. The rock samples taken in this area contain strong S and Mo assays and weak Au, Ag, Cu, Zn, and Cr assays. Although the spruce bark samples did not highlight this area, they do highlight an area approximately 650 - 1200m down-ice of these samples.

Due to a lack of outcrop, few rock samples were taken from the area of the highest anomalies found within the spruce bark, located in the southeastern corner of the ROL-S claims, and south of the rock anomalies and Gold Vein Island.

8.2 Ridout West Rock Sampling Results

A total of 44 rock samples were collected from the Ridout West claims. This area contains outcrop near lake edges, as well as exposed outcrop due to historic exploration work, such as trenches over the southern ROL-W claims and a shaft located in the southeastern portion of the ROL-W claims [Figure 13].

Rocks with anomalous pathfinder geochemistry came from historic trenches or a historic shaft in the ROL-W claims. The historic shaft contained anomalously high arsenic; the highest sample returned was 1718.5 ppm As. The shaft also contained a high Cr anomaly and weak anomalies in Ag, Te and W. These samples did not return anomalous gold (<0.1ppm Au).

Rocks with anomalous gold were located within old trenches in the southern ROL-W claims, and two samples returned fire assays of 0.152 and 0.136ppm Au. These trenches were completed by Quinterra Resources in 1984. These samples also contained anomalous Ag, Te, S, Mo, Cr and a weak Bi anomaly.

Trenches located south of Betty Lake, within ultramafic units, contained semi-massive and disseminated pyrite and pyrrhotite. Samples from these trenches contained highly anomalous Cu, Ag, Te, and S.

Figure 12. Gold in rock samples at the Ridout Lake Property, symbolized by percentile.

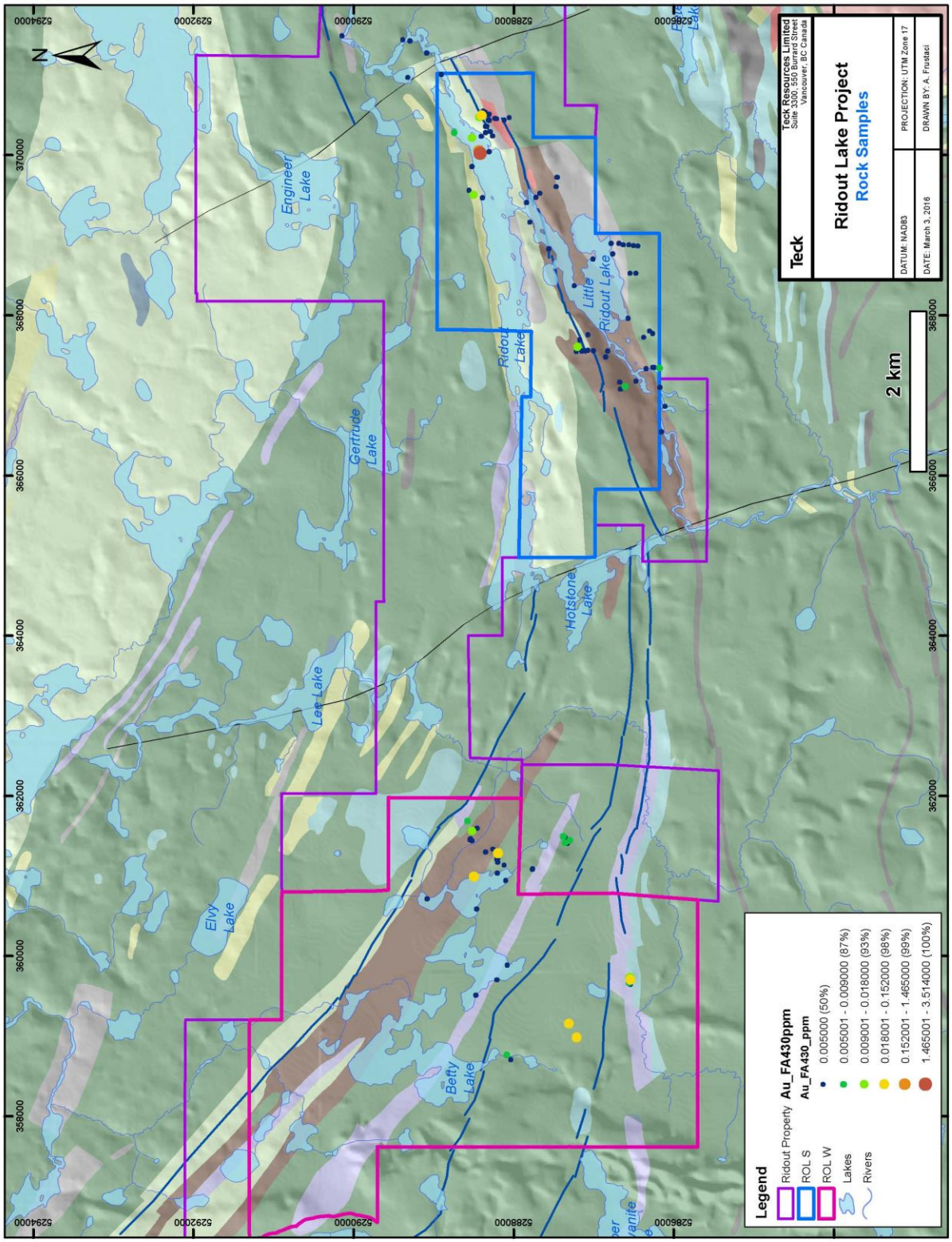
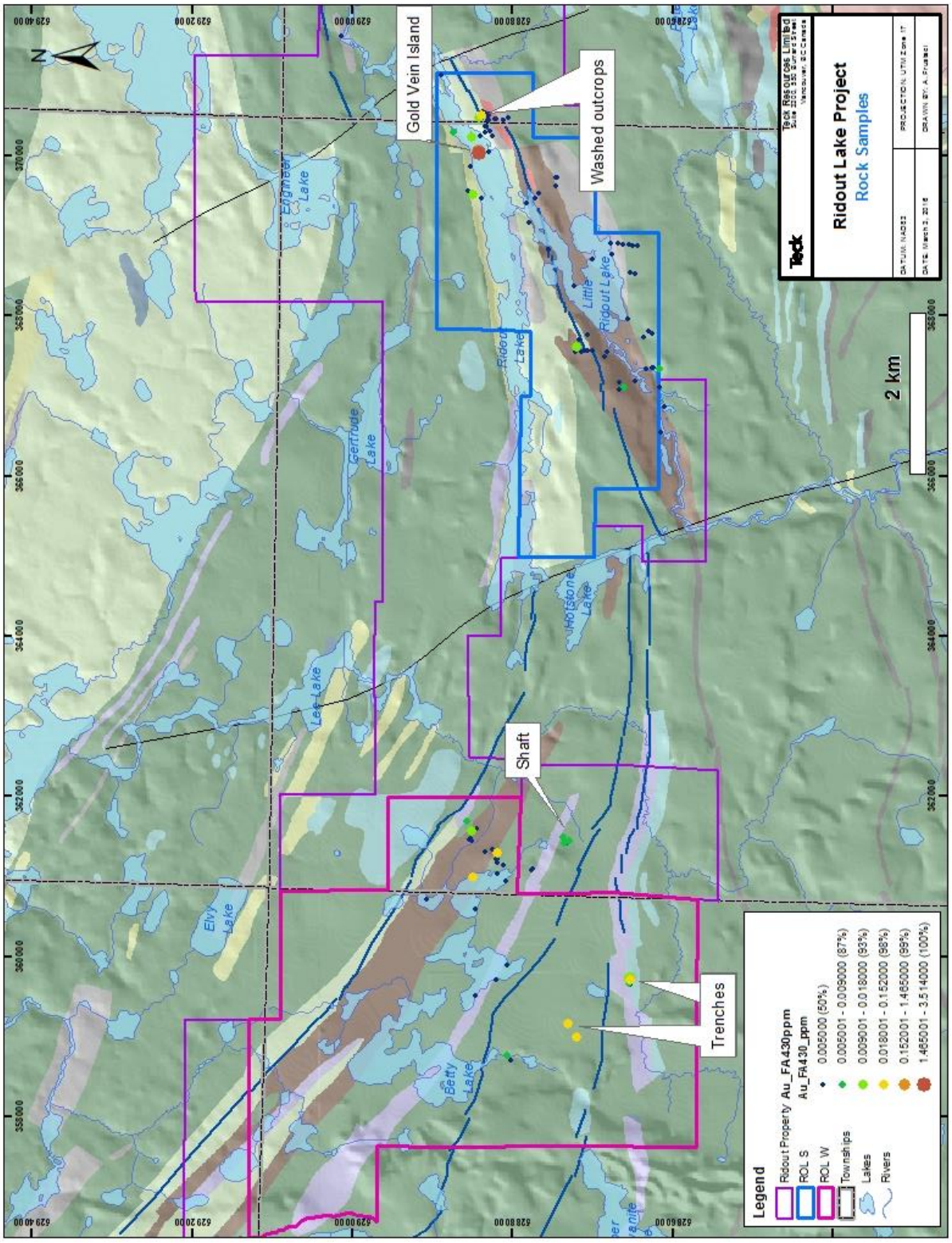


Figure 13. Annotated sites relative to gold in rock samples at the Ridout Lake Property.



9.0 Budget Summary

Two teams collected spruce bark and rock samples from September 14 to October 15, 2014; with each team consisting of two or three employees. A total of 698 black spruce bark samples, including QAQC samples, and 152 rock samples, including QAQC samples, were collected. Access to the Property during the 2014 field season required the use of trucks, ATVs, and small boats. Crews were accommodated in a rented, furnished house in Sultan, ON.

Table 4 shows an itemization of costs for salary and field expenses for the fall 2014 exploration work completed at Ridout Lake.

Table 4. Fall 2014 Expenses for the spruce bark and rock sampling at the Ridout Lake Property.

Statement of Cost							
Exploration Work type							
	Field Day	**Office Day[1]**	**Rate[2]**	**Amount**			**Total[3]**
Personnel Position / (Name)							
Sep-Oct 2014 Survey							
Senior Geologist/Supervisor	1.5		$875	$1,050			
Project Geologist	27	12	$525	$20,580			
Field Assistants (2)	55		$450	$24,840			
Contract Field Assistants (2)	48		$450	$21,725			
Geochemist		2	$525	$1,050			
Community Specialist		4	$750	$3,000			
[1]Office days include work on general research, literature search, database compilation, targetting,						**Subtotal**	**$72,158**
program planning, geophysical survey planning and interpretation, plotting maps and report preparation							
[2]Day rates are approximate as some employees are paid on a salary basis							
Direct Cost							
	Number	**Unit**	**Rate**	**Amount**	**HST**	**Total Amount**	
Assaying							
Spruce Bark Samples ROL-W (273 samples +QAQC)	302	samples	$27	$8,003	$1,040	$9,043	
Spruce Bark Samples ROL-S (355 samples+QAQC)	391	samples	$27	$10,362	$1,347	$11,708	
Rock Samples ROL-W (44 samples +QAQC)	50	samples	$45	$2,250	$293	$2,543	
Rock Samples ROL-S (87 samples +QAQC)	100	samples	$45	$4,500	$585	$5,085	
				$25,115		**Subtotal**	**$28,379**
Expenses							
Field Gear and Supplies (gear/tools)		supplies		$2,865	$372	$3,237	
ATV/Truck/Boat Rentals/Repairs/Fuel	2	months	various	$16,171	$2,102	$18,273	
Accomodation	16	4wk/4people	$436	$6,972	$906	$7,878	
Meals/Food	120	1mnth/4people	$60	$7,219	$938	$8,157	
Travel Expenses (excluding airfare)	8	2mnth/4people	$570	$4,563	$593	$5,156	
Satellite Phone rental	4	2mnth/2phones	$99	$394	$51	$445	
Airfare Commercial (round trip)	4	flights	$1,232	$4,927	$641	$5,568	
				$43,111		**Subtotal**	**$48,715**
Total Cost (Personnel + Direct)							
				Total Assessment Work			**$149,253**
[3]Columns may not add up due to rounding							

10.0 Discussion

The fall 2014 infill spruce bark geochemical survey results, when combined with the results from the previous (winter) 2014 campaign, successfully increased the resolution of previously identified anomalous zones, and identified at least two potential targets that warrant further follow-up, one in ROL-S and one in ROL-W.

The fall 2014 spruce bark sampling program defined multi-element orogenic pathfinder anomalies south of the Ridout-Tyrell shear zone over the ROL-S mineral claims. This feature, which is defined by elevated concentrations of Au, Ag, As, Bi and Sb, is found over a number of samples in two clusters that span approximately 1,200m east-west and 300m north-south. Due to lack of outcrop, rock sampling did not occur directly over the highest anomalies at ROL-S, and it is possible that the spruce bark results may represent a “transported anomaly” from a bedrock source located up-ice of the anomalous spruce-bark ellipsoid. Rock geochemical anomalies, located along the southeastern edge of Ridout Lake and Gold Vein Island, are approximately 600 - 1000m north, or up-ice, from the spruce bark anomaly at ROL-S. Rock sample anomalies at ROL-S consist of anomalous Au, Ag, Bi, Hg, Sb, Te, and Mo; these samples occur at Gold Vein Island and near the southeastern edge of Ridout Lake.

At ROL-W, the highest geochemical anomaly in rock is located near the historic shaft; however a single high Au spruce bark anomaly occurs approximately 520m south of this shaft, and another anomaly occurs approximately 1km west of this shaft. The spruce bark anomaly has no outcrop in the area and could represent a buried zone of mineralization, or a transported anomaly due to glacial cover.

Follow-up recommendations include detailed mapping and prospecting over the areas that contain spruce bark anomalies, to help determine whether the spruce bark anomalies may have been transported from an area north of the anomaly (up-ice), such as near southern edge of Ridout Lake where there are anomalies of orogenic pathfinders in rock samples. As well, to further improve target-areas, geophysical surveys (such as induced polarization) may define drill targets to test a buried source of mineralization near the spruce bark and rock sample anomalies.

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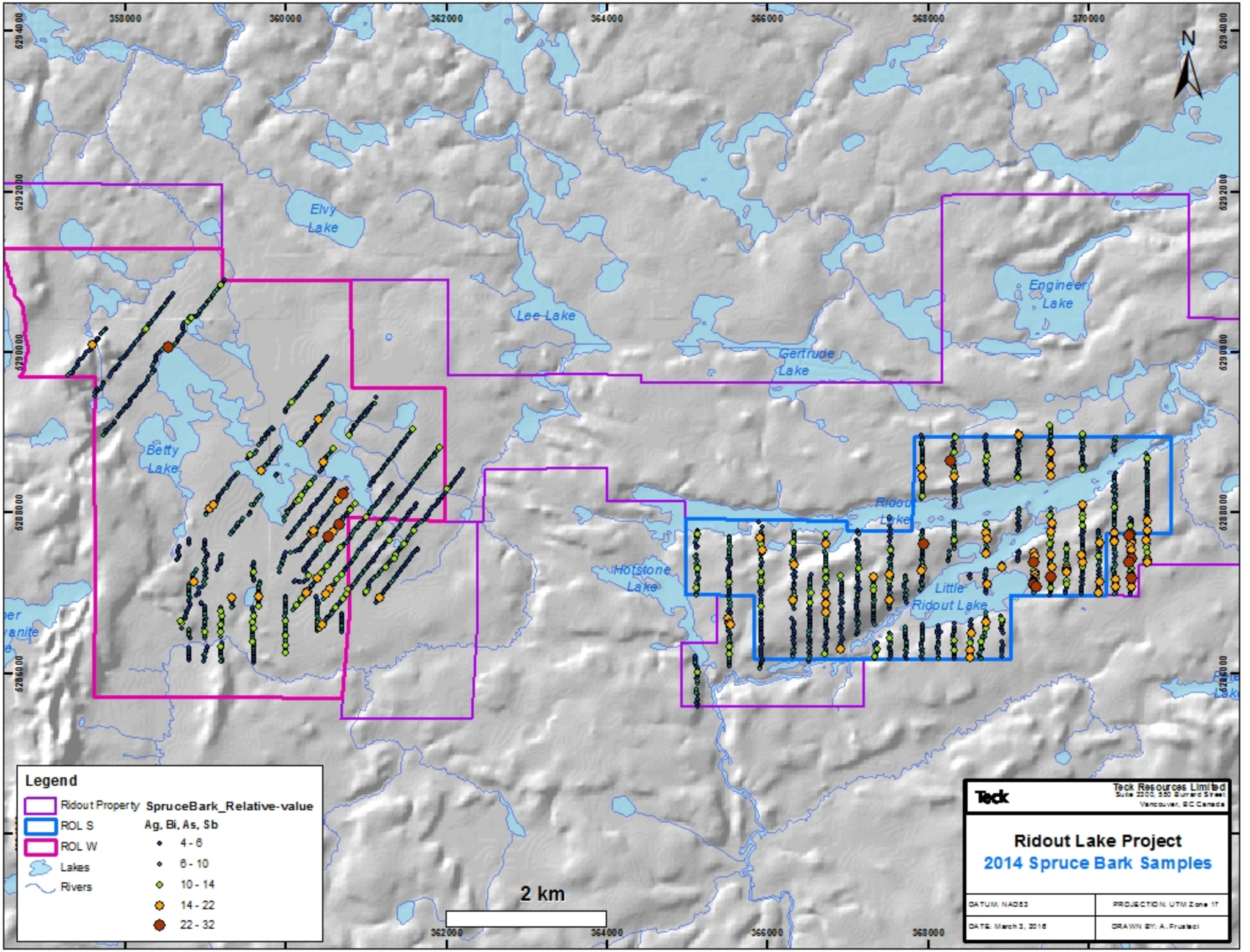
Appendix 1

Fall 2014 Spruce Bark Geochemical Maps; Assays; Certificates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Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
2014 Spruce Bark Samples
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DATE: March 3, 2016
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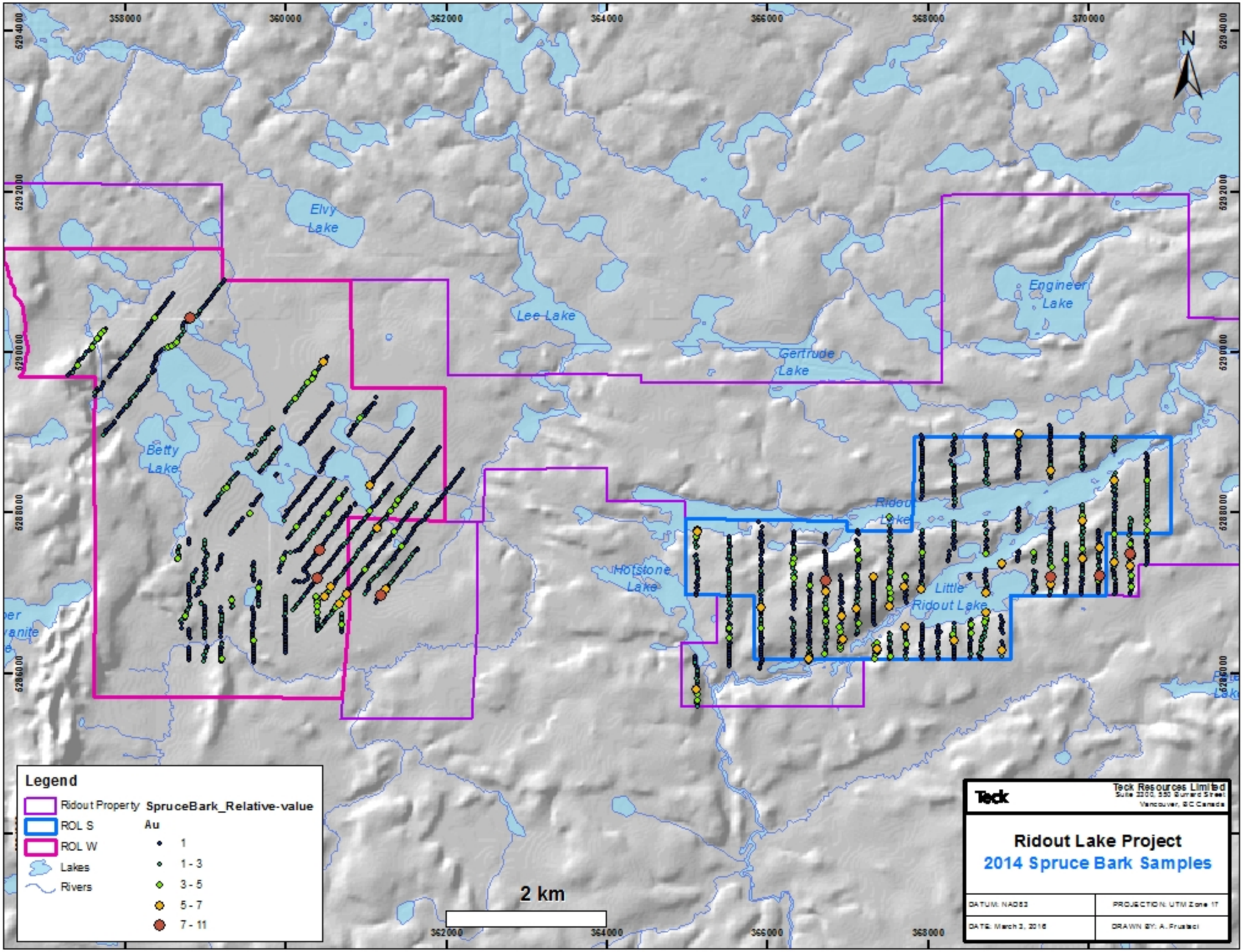
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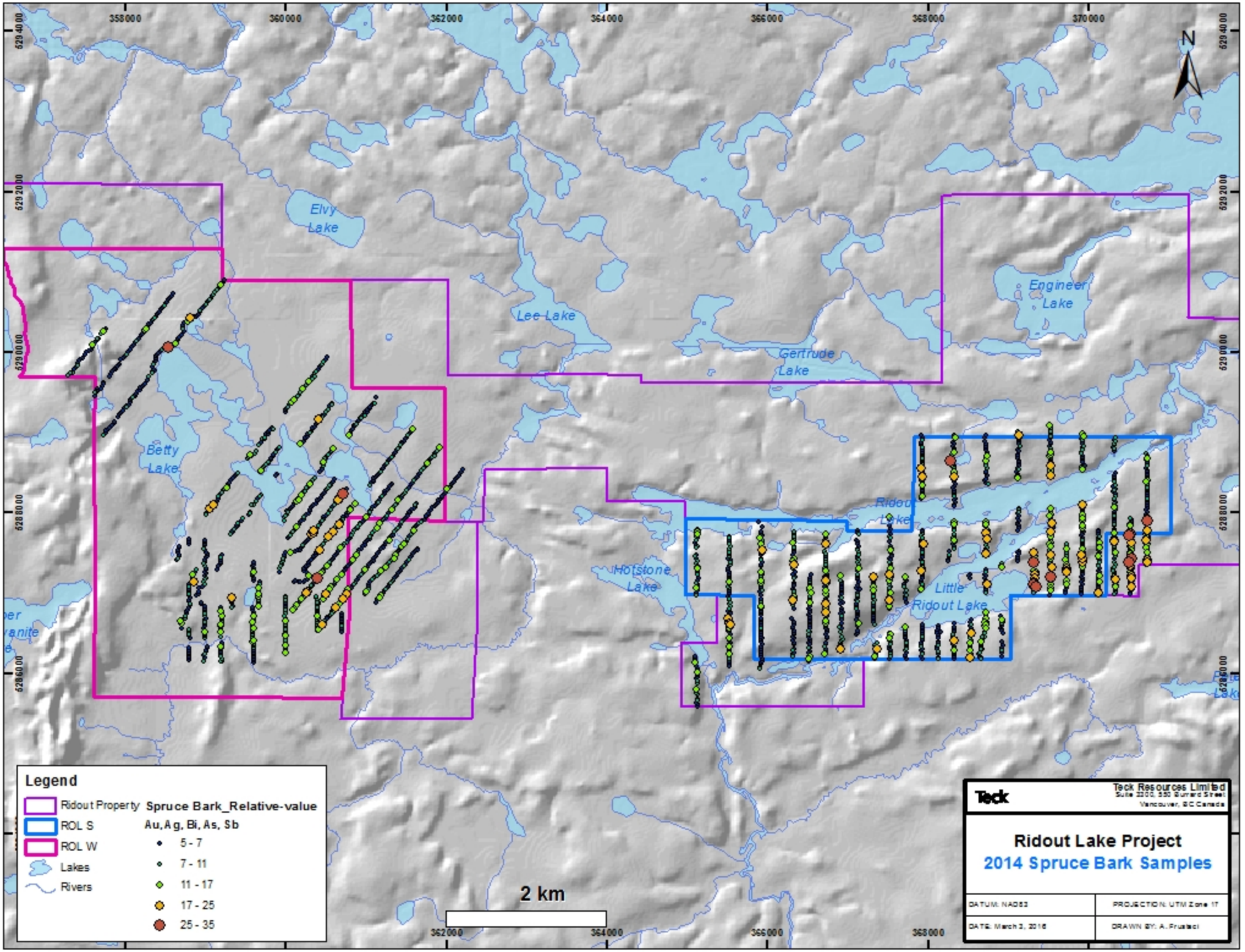
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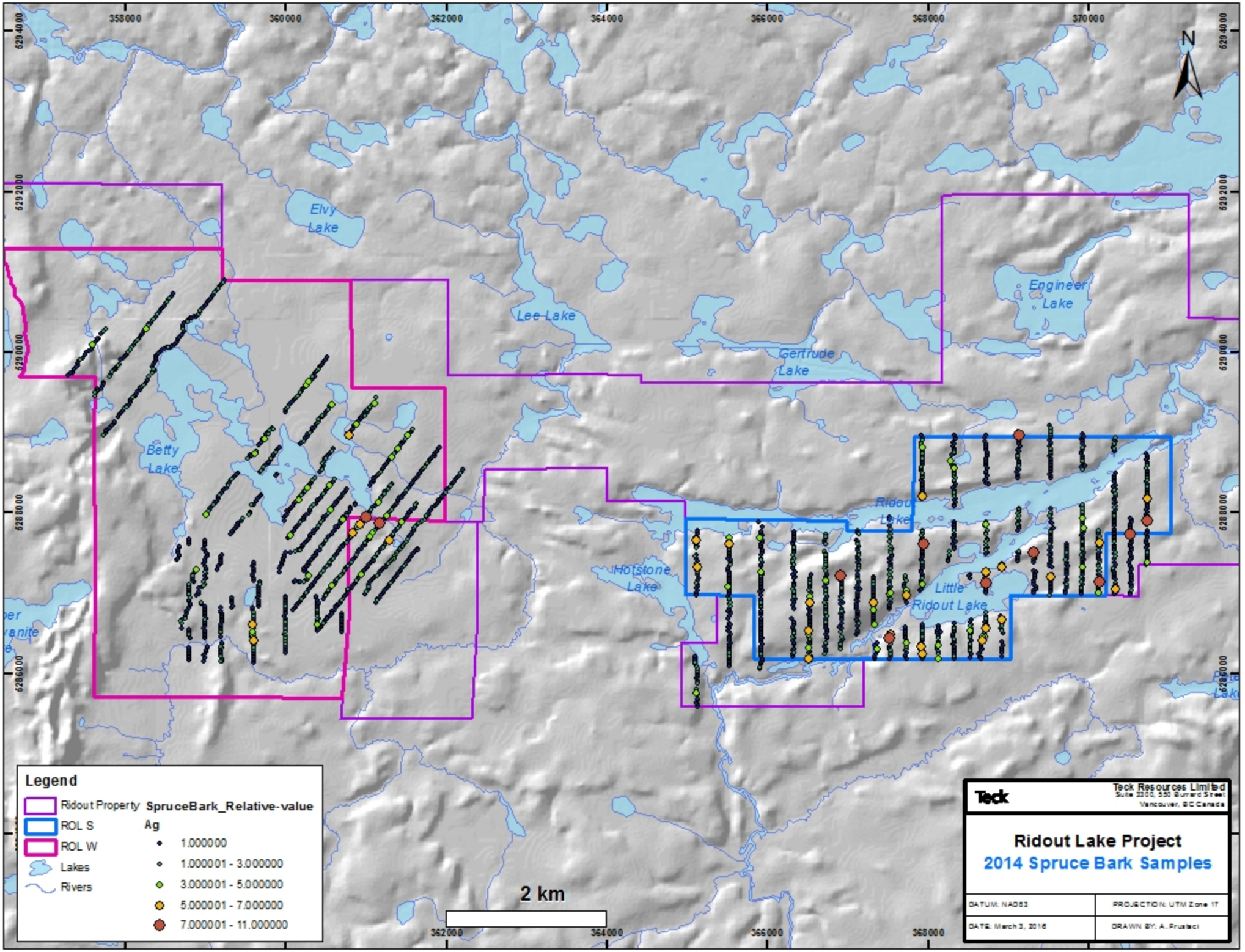
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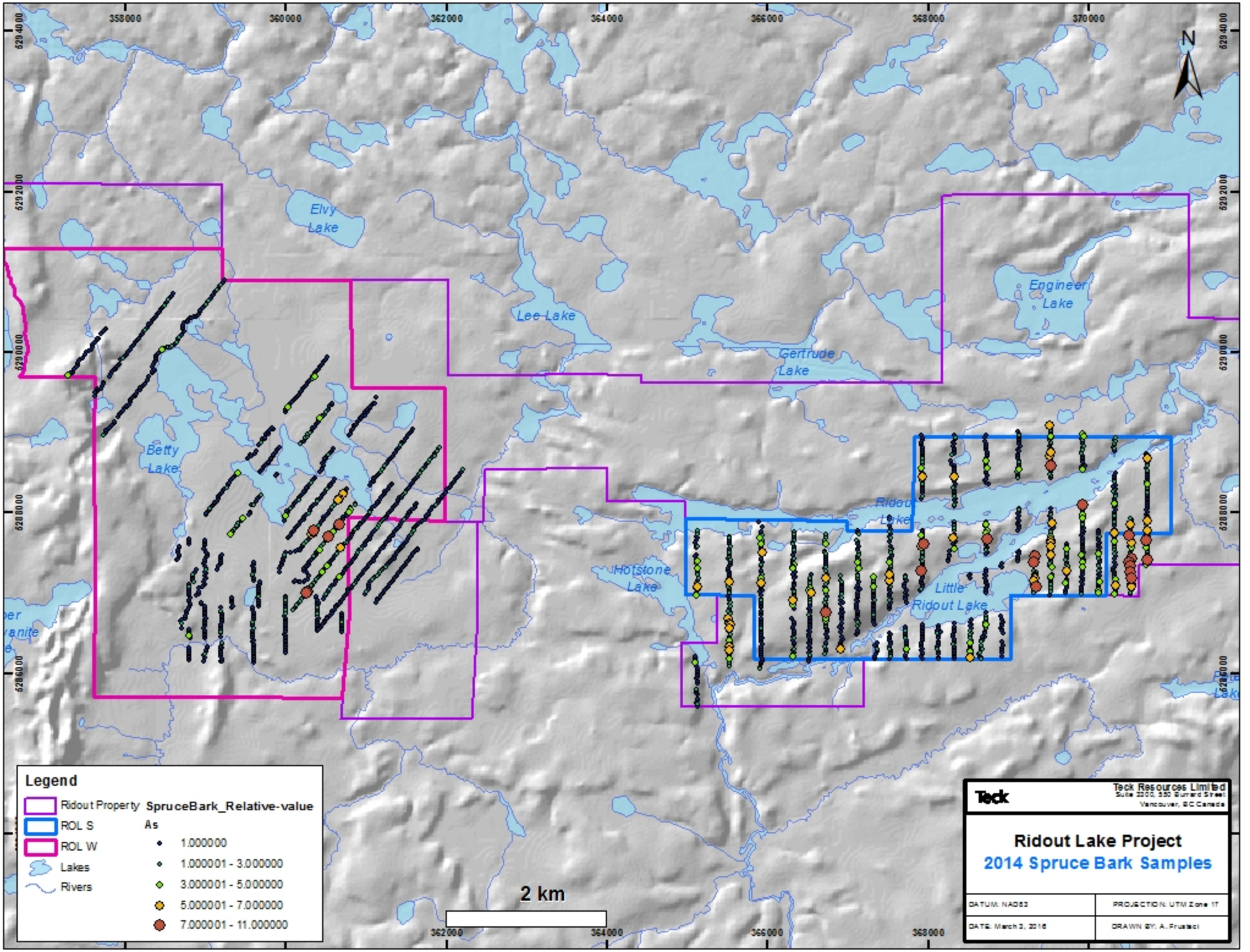
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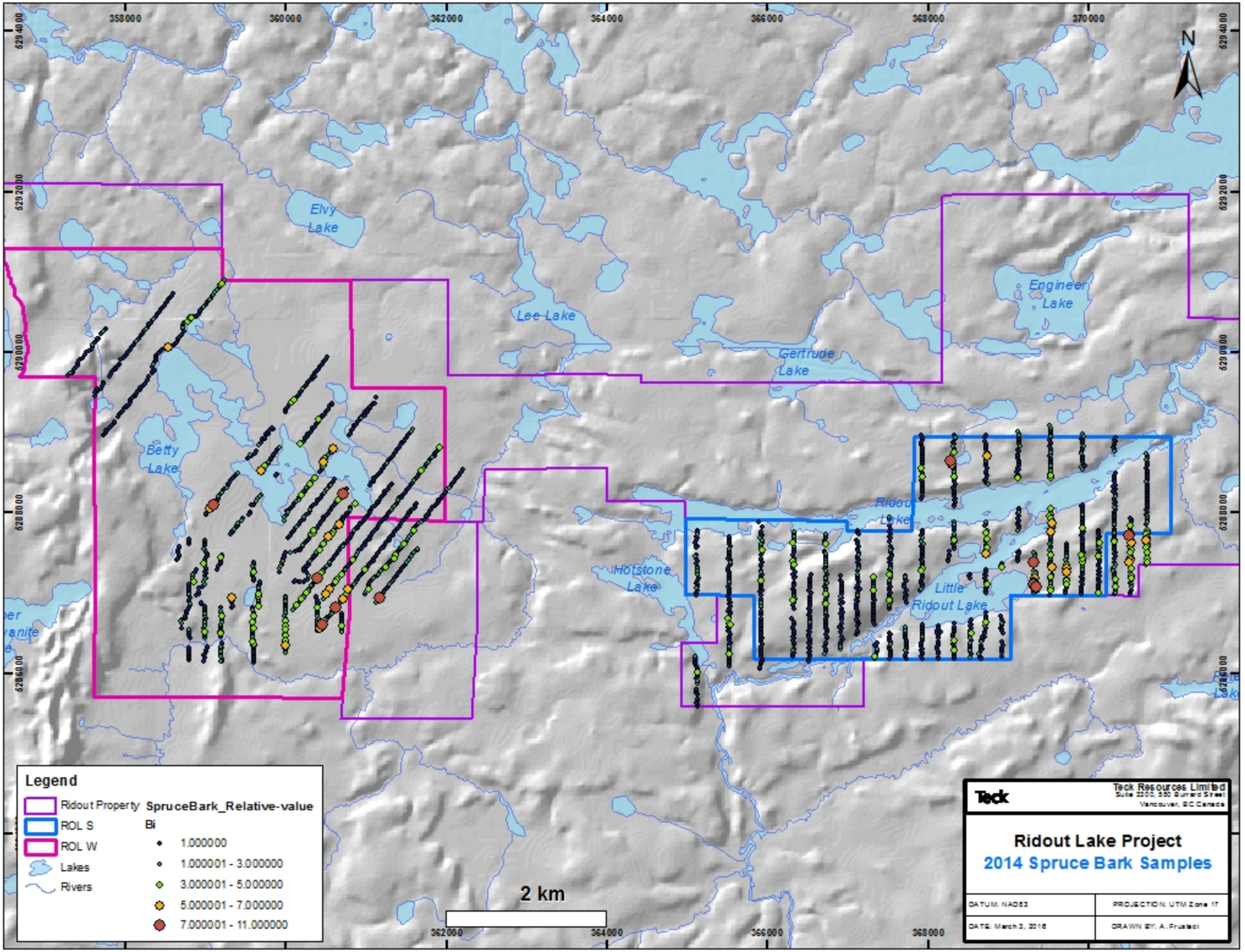
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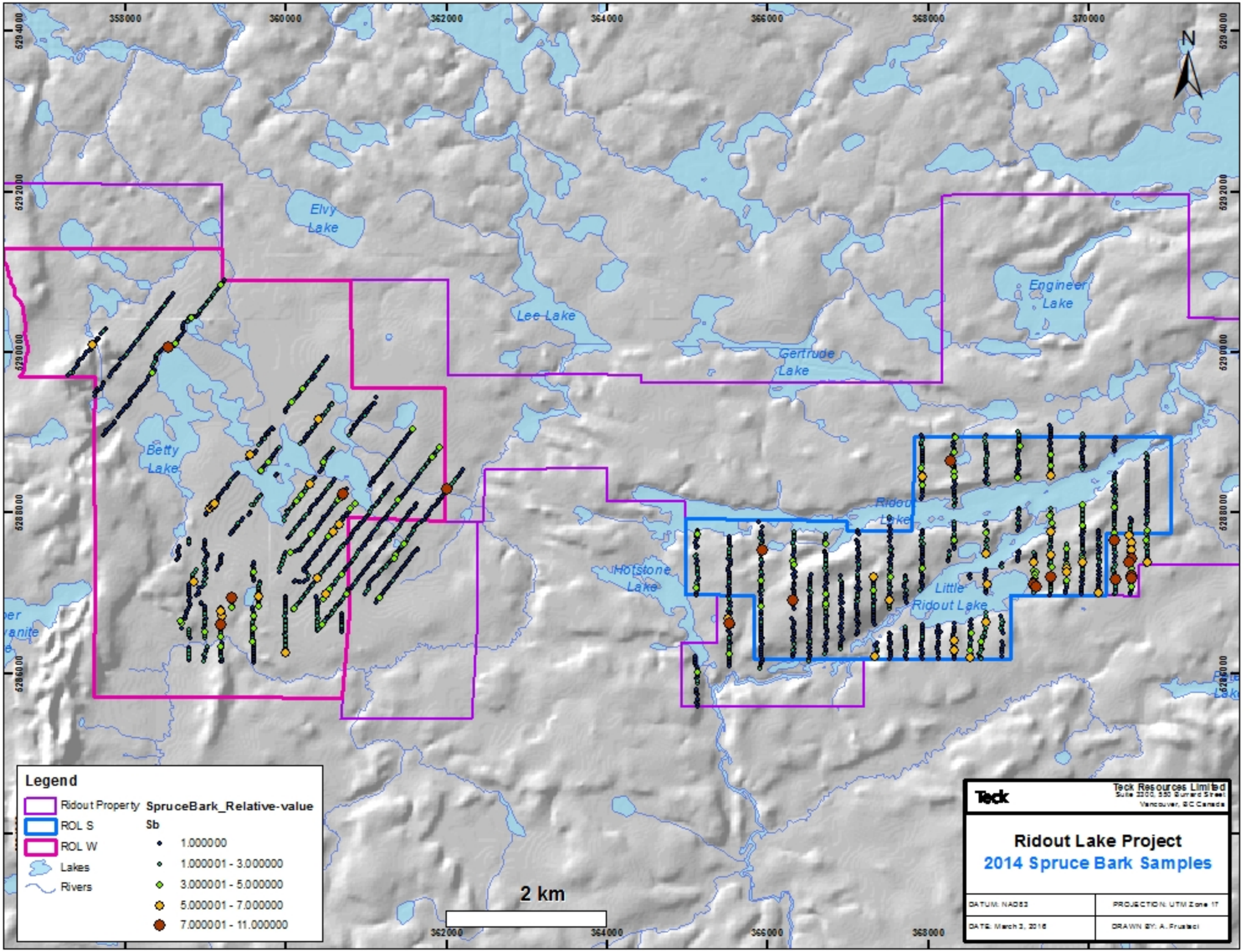
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Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
2014 Spruce Bark Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731601	368132	5286596	WGS84	401	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.379	1.809	3.590782	0.431	1900	1.7	0.0002	335	0.1	0.19	35.84	2.86	3	3.2	2.7	1.1	132.54	0.14	0.6	0.1	0.02
1731603	368126	5286560	WGS84	402	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.621	2.722	5.377215	0.279	900	0.6	0.0002	181	0.1	0.04	37.43	0.78	1	2.2	0.9	0.31	45.59	0.05	0.2	0.1	0.02
1731604	368120	5286536	WGS84	406	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.749	1.689	3.328144	0.382	1100	1.2	0.0002	319	0.1	0.07	37.31	1.71	1.3	3.3	1.5	0.48	85.38	0.07	0.4	0.1	0.02
1731605	368152	5286512	WGS84	408	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.741	1.125	2.217142	0.48	1700	0.8	0.0002	341	0.1	0.1	35.52	2.74	2.5	4.6	2.8	0.38	105.67	0.15	0.7	0.1	0.03
1731606	368109	5286497	WGS84	408	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.862	1.66	3.263733	0.374	1400	2.7	0.0002	226	0.1	0.14	37.78	1.47	2.3	4	2.5	0.37	97.7	0.13	0.5	0.1	0.04
1731607	368127	5286468	WGS84	410	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.797	0.56	1.102427	1.231	2800	2.2	0.0015	532	0.2	0.36	34.94	3.79	6.4	6.4	5.5	1.01	230.15	0.31	1	0.1	0.09
1731608	368124	5286448	WGS84	411	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.273	0.879	1.748453	1.245	1800	2	0.0007	509	0.1	0.26	34.63	4.6	3.3	6.6	3.6	0.78	184.4	0.18	1	0.2	0.06
1731609	368134	5286403	WGS84	412	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.299	1.75	3.479194	0.268	1600	0.6	0.0002	283	0.1	0.05	38.67	2.08	1.2	5.5	1.8	0.32	71.75	0.05	0.4	0.1	0.02
1731610	368126	5286383	WGS84	413	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.437	1.132	2.244384	0.824	2000	1.5	0.0002	351	0.1	0.23	35.37	2.53	3.6	5.7	3.8	0.67	105.93	0.22	0.9	0.1	0.04
1731611	368124	5286358	WGS84	413	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.889	1.114	2.189078	1.072	1800	1.7	0.0002	377	0.1	0.18	36.94	2.89	3.2	5.1	3.5	0.51	131.48	0.18	0.8	0.1	0.04
1731612	368117	5286335	WGS84	413	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.406	1.948	3.864619	0.267	1300	1.6	0.0002	268	0.1	0.07	38.34	1.86	1.5	4.1	2.3	0.42	122.22	0.08	0.4	0.1	0.02
1731614	368118	5286308	WGS84	413	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.492	1.446	2.86382	0.449	2700	3.8	0.0002	434	0.1	0.07	36.6	1.07	2.8	4.5	2.9	1.16	110.05	0.11	0.5	0.1	0.03
1731615	368123	5286274	WGS84	414	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.683	1.05	2.071701	0.959	2300	2	0.001	598	0.1	0.12	35.61	1.65	2.9	6.2	4.1	1.07	152.35	0.15	0.8	0.1	0.07
1731616	368129	5286238	WGS84	414	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.929	1.321	2.593807	0.697	2600	2.2	0.0003	355	0.1	0.11	37.39	1.3	2.8	5	3.4	0.74	127.95	0.13	0.7	0.1	0.04
1731618	368133	5286207	WGS84	414	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.185	0.644	1.283252	1.204	3300	1.6	0.0007	380	0.1	0.24	34.01	2.9	5.7	4.4	6	2.1	138.29	0.35	1.1	0.1	0.02
1731619	368127	5286182	WGS84	415	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.539	0.7	1.385069	1.937	2300	0.6	0.0002	704	0.1	0.21	35.76	3.26	3.7	9.1	4	1.2	232.17	0.19	0.9	0.1	0.02
1731620	366918	5287161	WGS84	422	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.668	2.124	4.191995	0.173	1300	2.5	0.0002	242	0.1	0.04	36.73	0.23	2.6	1.3	2.3	0.34	63.69	0.15	0.5	0.1	0.02
1731621	366914	5287223	WGS84	424	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.661	1.332	2.629241	1.409	2100	4.9	0.0002	244	0.1	0.2	36.29	0.73	3.9	3.2	3.5	0.69	96.33	0.23	0.9	0.1	0.02
1731622	366921	5287147	WGS84	423	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.533	2.228	4.409	0.111	1800	2.1	0.0002	182	0.1	0.05	39.39	0.91	1.4	2.4	1.8	0.29	61.05	0.08	0.4	0.1	0.03
1731623	366922	5287111	WGS84	429	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.646	1.128	2.227224	0.306	2200	0.9	0.0004	396	0.1	0.13	37.99	1.24	2.5	7.4	3.4	0.69	90.01	0.18	0.7	0.1	0.04
1731625	366932	5287087	WGS84	430	17	23-Sep-13	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.717	0.85	1.675967	1.268	1900	4.5	0.0006	493	0.1	0.06	40	0.9	2.6	11	3.3	0.65	134.71	0.18	0.8	0.1	0.07
1731626	366926	5287064	WGS84	430	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.505	1.68	3.326403	0.581	1500	0.6	0.0002	296	0.1	0.05	39.48	0.96	2	6.1	2.1	0.57	88.94	0.11	0.5	0.1	0.04
1731627	366926	5287039	WGS84	429	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.662	1.316	2.597608	0.356	1400	1.1	0.0002	343	0.1	0.05	39.46	0.75	1.8	3.8	2.2	0.59	122.01	0.1	0.4	0.1	0.03
1731628	366930	5287014	WGS84	428	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.733	2.141	4.220133	0.172	1100	2.7	0.0002	228	0.1	0.04	40	0.37	2	1.3	2.9	0.43	105.29	0.14	0.4	0.1	0.03
1731629	366927	5286987	WGS84	428	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.985	2.252	4.416985	0.168	1400	2.6	0.0004	255	0.1	0.02	40	0.2	2.3	1.4	3.1	0.61	75.05	0.13	0.5	0.2	0.03
1731630	366911	5286965	WGS84	429	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.992	1.884	3.694697	0.42	1600	0.4	0.0002	248	0.1	0.24	37.17	9.74	2.3	4.3	2.6	1.26	130.01	0.12	0.6	0.1	0.04
1731631	366925	5286939	WGS84	429	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.644	2.154	4.253219	0.449	900	2.9	0.0002	155	0.1	0.15	36.92	2.54	1.7	1.5	2.3	0.55	137.61	0.1	0.4	0.1	0.05
1731632	366916	5286912	WGS84	430	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.992	2.998	5.879354	0.098	400	1.1	0.0002	103	0.1	0.04	37.71	2.51	0.8	1.8	1	0.42	66.27	0.05	0.2	0.1	0.02
1731634	366934	5286889	WGS84	431	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.829	2.641	5.195853	0.124	900	0.1	0.0002	175	0.1	0.03	37.23	3.29	0.4	2.3	1.1	0.31	67.39	0.02	0.1	0.1	0.02
1731635	366911	5286863	WGS84	432	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.446	1.961	3.887325	0.179	700	1.2	0.0002	163	0.1	0.09	36.06	3.63	1.2	1.6	1.8	0.63	106.2	0.08	0.3	0.1	0.02
1731636	366931	5286811	WGS84	435	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.616	1.079	2.131737	0.462	900	0.9	0.0002	374	0.1	0.09	36.98	19.16	1.3	7.7	2	0.42	139.72	0.07	0.5	0.1	0.02
1731637	366929	5286774	WGS84	434	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.227	0.723	1.439465	1.371	1900	0.9	0.0002	301	0.1	0.29	33.05	18.66	3.6	9.2	4.2	2.01	155.68	0.23	0.8	0.1	0.03
1731638	366938	5286762	WGS84	434	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.373	2.268	4.502412	0.296	700	1.6	0.0002	158	0.1	0.06	37.08	6.01	0.7	3.7	1.3	0.49	72.34	0.05	0.3	0.1	0.02
1731639	366905	5286741	WGS84	432	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.653	1.296	2.558585	0.377	2200	0.9	0.0002	206	0.1	0.13	36.25	5.97	2.1	4.8	2.3	1.18	147.48	0.1	0.5	0.1	0.04
1731640	366922	5286712	WGS84	432	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.439	1.071	2.123357	0.251	1600	1.5	0.0033	292	0.1	0.17	32.4	10.98	3	3.7	3	2.65	186.16	0.16	0.6	0.1	0.04
1731641	366930	5286687	WGS84	431	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.293	1.809	3.596922	0.368	900	1.1	0.0002	189	0.1	0.08	35.9	9.18	1.4	2.9	2.1	1.35	95.44	0.07	0.4	0.1	0.03
1731642	366929	5286665	WGS84	429	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.726	2.298	4.530221	0.223	700	1	0.0007	135	0.1	0.06	37.58	3.03	1.3	2.4	1.9	0.37	96.46	0.08	0.3	0.1	0.02
1731644	366919	5286619	WGS84	426	17	9-Jan-12	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.364	2.174	4.316575	0.224	1000	0.6	0.0002	157	0.1	0.05	35.39	3.48	1.2	2.6	1.8	1.7	71.56	0.07	0.3	0.1	0.02
1731645	367326	5287210	WGS84	422	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.206	1.758	3.501574	0.347	2500	4.5	0.0038	147	0.1	0.41	35.38	4.59	4.4	2.1	4.8	1.01	107.97	0.24	1	0.3	0.06
1731646	367316	5287185	WGS84	421	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.271	1.745	3.471186	0.153	1500	2.8	0.0002	154	0.1	0.21	35.75	4.28	3.1	1.8	3.6	0.7	70.94	0.17	0.7	0.1	0.05
1731647	367328	5287165	WGS84	421	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.124	1.455	2.902801	0.672	1200	3.7	0.0002	233	0.1	0.15	35.76	16.54	1.9	7	2.4	0.69	86.13	0.13	0.6	0.1	0.03
1731648	367328	5287138	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.359	1.755	3.484978	0.476	1400	0.8	0.0002	157	0.1	0.11	34.97	8.38	2	4.2	2	1.33	63.07	0.12	0.5	0.1	0.04
1731649	367321	5287113	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.349	1.659	3.295001	0.529	1300	1.7	0.0002	233	0.1	0.16	35.35	15.8	2.4	8.9	2.7	1.4	106.51	0.13	0.7	0.1	0.02
1731650	367325	5287087	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.354	1.572	3.121897	0.37	1900	4.6	0.0002	155	0.1	0.32	34.38	6.69	3.7	4.5	3.9	1.1	100.82	0.25	0.8	0.2	0.08
1731651	368540	5286668	WGS84	400	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.855	2.483	4.882509	0.262	800	1.7	0.0002	108	0.1	0.1	36.44	2.96	1.7	1.6	2	0.64	70.99	0.09	0.4	0.1	0.02
1731652	368524	5286644	WGS84	402	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.625	1.35	2.666667	0.527	2800	1.8	0.0002	167	0.1	0.31	33.92	13.51	4.1	8.7	4.6	1.42	100.79	0.27	1	0.2	0.06
1731653	368545	5286608	WGS84	408	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.723	1.18	2.326361	0.86	1800	0.7	0.0022	238	0.1	0.19	34.06	11.9	3	6.9	5.9	1.46	108.45	0.21	0.7	0.1	0.03
1731654	368532	5286589	WGS84	408	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.259	2.103	4.184325	0.463	1500	0.4	0.0002	243	0.1	0.09	34.02	6.94	2	4.7	1.9	1.27	113.71	0.09	0.5	0.1	0.02
1731655	368540	5286564	WGS84	408	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.343	2.082	4.13563	0.299	1200	1	0.0002	174	0.1	0.07	35.11	8.02	1.5	5.6	2.3	0.7	68.38	0.09	0.3	0.1	0.02
1731656	368532	5286537	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.899	1.684	3.308513	0.712	1700	3.8	0.0002	236	0.1	0.23	33.48	9.25	3.1	3.1	3.7	1.09	107.8	0.18	0.8	0.2	0.04
1731657	368537	5286507	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.498	1.598	3.164482	0.679	2500	2.7	0.0013	217	0.1	0.37	33.37	9.54	4.8	7.6	5.2	1.8	104.63	0.3	1.1	0.2	0.07
1731658	368529	5286489	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.255	1.274	2.535071	0.628	2100	4.7	0.0002	240	0.1	0.28	33.27	8.05	3.6	5.9	4.4	1.42	87.37	0.24	0.9	0.1	0.05
1731659	368525	5286466	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.405	1.382	2.741791	0.592	1800	2	0.0005	176	0.1	0.28	34.94	4.39	3.3	3	3.7	1.08	98.34	0.22	0.7	0.1	0.04
1731660	368528	5286440	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.193	1.2	2.390772	0.662	2100	3.9	0.0002	270	0.1	0.44	33.94	10.31	3.8	5.7	5	1.12	111.89	0.23	1	0.1	0.06
1731661	368539	5286414	WGS84	409	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.307	1.504	2.989644	0.261	2100	0.5	0.0003	266	0.1	0.09	34.95	5.78	1.7	4.1	3.3	0.9	81.43	0.09	0.5	0.1	0.02
1731662	368530	5286388	WGS84	410	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.539	1.225	2.423871	0.737	3100	5.4	0.0002	240	0.1	0.43	34.95	4.23	5.3	5.3	5.4	0.63	91.84	0.34	1.3	0.4	0.09
1731663	368524	5286365	WGS84	411	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.876	1.258	2.472679	0.703	1400	3.1	0.0002	339	0.1	0.26	34.64	2.11	2.9	1.7	3	0.94	115.87	0.17	0.7	0.2	0.05
1731665	368532	5286341	WGS84	412	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.344	1.212	2.407437	0.457	2600	1.7	0.0002	275	0.1	0.31	34.16	8.46	3.8	6.5	3.8	0.94	84.26	0.25	0.9	0.1	0.06
1731666	368525	5286313	WGS84	414	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.377	1.435	2.848522	0.633	2200	1.6	0.0002	250	0.1	0.26	35.37	5.35	3.5	3.6	3.9	0.64	77.57	0.23	1	0.1	0.05
1731667	368526	5286289	WGS84	414	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.511	1.395	2.761775	0.705	3100	4.8	0.0002	272	0.2	0.35	33.91	5.86	5.1	6.2	4.7	0.67	88.53	0.3	1.1	0.1	0.08
1731668	368525	5286269	WGS84	415	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.904	1.329	2.610797	0.575	2200	5.5	0.0002	362	0.1	0.31	35.05	3.49	3.7	2.9	3.9	0.76	86.41	0.23	1.1	0.1	0.05
1731669	368537	5286245	WGS84	415	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.458	1.385	2.744857	0.236	2200	3	0.001	542	0.2	0.22	30.7	8.74	3	3.2	3.2	3.89	193.17	0.18	0.9	0.2	0.04
1731670	368523	5286199	WGS84	416	17	21-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.859	2.08	4.089738	0.144	1900	4.4	0.0002	161	0.1	0.26	35.82	0.95	3.4	1.6	4.5	0.33	43.11	0.22	0.8	0.1	0.05
1731671	366539	5287230	WGS84	435	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.632	1.735	3.426687	0.347	900	2.1	0.0002	195	0.1	0.09	34.94	2.89	1.6	2.9	2.1	0.75	104.99	0.09	0.3	0.1	0.02

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731672	366532	5287186	WGS84	434	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.136	3.528	7.03686	0.129	400	1.3	0.0002	146	0.1	0.05	37.08	0.55	0.9	1.3	1.3	0.26	31.03	0.06	0.3	0.2	0.02
1731673	366524	5287165	WGS84	434	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.864	0.946	1.859862	0.994	2300	3	0.0002	493	0.1	0.3	32.91	15.39	3.4	11.6	3.9	1.19	179.45	0.2	1	0.1	0.04
1731675	366531	5287136	WGS84	432	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.732	1.663	3.27801	0.57	1200	3.8	0.0007	231	0.1	0.13	34.62	6.95	1.9	5.8	2.4	0.56	65.29	0.13	0.6	0.1	0.02
1731676	366536	5287113	WGS84	431	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.541	2.325	4.600226	0.225	1400	1.4	0.0003	263	0.1	0.11	33.78	2.15	1.7	3	2.3	0.98	72.94	0.09	0.4	0.1	0.02
1731677	366523	5287091	WGS84	431	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.677	2.047	4.039308	0.188	1500	1.5	0.0014	347	0.1	0.09	34.37	2.66	1.6	2.7	1.7	0.56	85.22	0.09	0.4	0.1	0.02
1731678	366533	5287064	WGS84	430	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.527	1.786	3.534744	0.232	2100	4.2	0.0008	268	0.1	0.17	35.65	3.7	2.5	5.3	2.9	0.49	70.99	0.13	0.6	0.2	0.06
1731679	366521	5287035	WGS84	429	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.336	2.062	4.096472	0.388	1300	4	0.0004	166	0.1	0.15	35.52	6.14	1.9	4.2	2.4	0.42	60.49	0.12	0.6	0.1	0.02
1731680	366539	5287009	WGS84	429	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.642	2.843	5.613917	0.141	900	3.5	0.0002	147	0.1	0.11	35.81	0.74	1.9	1.3	1.8	0.27	52.09	0.1	0.4	0.2	0.04
1731681	366527	5286963	WGS84	429	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.025	1.04	2.078961	1.127	1800	4.3	0.0008	392	0.1	0.27	34.47	8.66	2.9	4.8	3.7	0.44	114.17	0.17	0.9	0.1	0.02
1731682	366520	5286815	WGS84	436	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.205	2.114	4.210736	0.073	1500	1.4	0.0002	356	0.1	0.04	34.95	1.52	1.1	2.7	1.3	0.31	103.78	0.06	0.3	0.1	0.02
1731684	366530	5286937	WGS84	430	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.216	1.618	3.222081	0.352	1800	1	0.0002	372	0.1	0.03	35.74	2.35	0.8	2.5	1	0.64	104.19	0.04	0.3	0.1	0.02
1731685	366533	5286909	WGS84	431	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.488	2.116	4.191095	0.323	1100	2.1	0.0002	194	0.1	0.1	35.79	2.75	1.5	1.7	1.9	0.38	113.52	0.1	0.4	0.2	0.03
1731686	366523	5286892	WGS84	433	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.309	1.613	3.206186	0.952	1900	3.3	0.0003	248	0.1	0.14	35.75	6.66	2.4	4.7	2.7	0.42	156.84	0.13	0.8	0.1	0.04
1731687	366535	5286868	WGS84	435	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.906	2.18	4.282403	0.21	1500	0.9	0.0004	319	0.1	0.09	34.69	4.24	1.7	3.3	2.1	0.17	85.34	0.1	0.5	0.1	0.03
1731688	366526	5286840	WGS84	437	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.745	2.584	5.092127	0.117	1300	0.6	0.0003	193	0.1	0.08	35.14	2.84	2.3	1.6	1.8	0.53	59.13	0.1	0.4	0.1	0.02
1731689	366533	5286789	WGS84	436	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.92	2.393	4.699529	0.108	1200	0.8	0.0008	177	0.1	0.06	36.05	5.88	1.5	3.1	1.9	0.32	70.97	0.08	0.5	0.1	0.03
1731690	366524	5286762	WGS84	435	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.265	1.963	3.905302	0.3	1400	1.8	0.0002	183	0.1	0.15	36.73	2.63	2.5	3	2.2	0.27	60.85	0.15	0.5	0.2	0.03
1731691	366519	5286736	WGS84	432	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.998	2.311	4.53155	0.338	700	2.5	0.0004	234	0.1	0.08	36.92	0.47	1.4	1.1	1.5	0.13	81.73	0.09	0.4	0.1	0.02
1731692	366526	5286712	WGS84	431	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.952	2.298	4.510127	0.125	1200	0.8	0.0002	151	0.1	0.06	34.42	5.28	1.4	2	1.2	1.22	64.89	0.08	0.4	0.2	0.02
1731694	366535	5286687	WGS84	430	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.717	1.976	3.89613	0.264	1500	1.5	0.0002	172	0.1	0.1	33.83	6.39	1.7	2.8	1.7	1.14	87.22	0.12	0.4	0.1	0.03
1731695	366524	5286662	WGS84	429	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.687	0.659	1.300136	0.681	2700	1.4	0.0002	486	0.1	0.37	32.24	4.57	4.6	3	7.1	1.3	152.28	0.29	1.1	0.1	0.05
1731696	366524	5286635	WGS84	427	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.686	0.971	1.915716	0.576	3000	2.9	0.0003	322	0.1	0.47	31.84	11.24	5	5.8	5.1	1.37	146.07	0.28	1.4	0.1	0.06
1731697	366523	5286613	WGS84	426	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.489	1.556	3.081859	0.394	1400	1	0.0002	225	0.1	0.14	21.58	12.36	2.1	6.2	1.7	0.76	122.08	0.08	0.5	0.1	0.02
1731698	366534	5286591	WGS84	425	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.354	2.946	5.850578	0.138	1300	0.1	0.0002	105	0.1	0.07	30.79	4.11	1.1	3.1	1	0.25	82.68	0.05	0.2	0.1	0.02
1731699	366527	5286563	WGS84	424	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.359	2.364	4.694295	0.242	800	1.3	0.0002	136	0.1	0.07	26.21	5.2	1.2	2.7	1.4	0.25	109.24	0.06	0.3	0.1	0.02
1731700	366512	5286539	WGS84	422	17	22-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.976	1.538	3.017106	1.008	1400	1	0.0002	190	0.1	0.19	34.42	9.05	3	2	2.7	0.49	128.4	0.14	0.7	0.1	0.03
1731701	366531	5286521	WGS84	422	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.413	1.541	3.056751	0.196	1000	0.2	0.0002	259	0.1	0.03	35.74	15.67	0.9	3.4	1.5	0.54	181.48	0.05	0.3	0.1	0.03
1731703	366511	5286491	WGS84	420	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.495	0.827	1.637786	1.647	2000	0.7	0.0005	333	0.1	0.21	32.12	12.46	3.8	5.7	3.6	1.16	202	0.2	1	0.2	0.07
1731704	366509	5286455	WGS84	418	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.655	1.754	3.462639	0.144	500	0.5	0.0002	138	0.1	0.03	21.64	3.55	0.8	1.6	0.9	0.75	161.07	0.03	0.1	0.2	0.02
1731705	366525	5286436	WGS84	414	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.773	1.989	3.917436	0.537	900	0.4	0.0002	162	0.1	0.17	17.97	7.83	1.7	3.5	1.2	0.62	85.06	0.09	0.5	0.1	0.02
1731706	366530	5286405	WGS84	412	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.047	1.602	3.200991	0.406	1800	1.1	0.0006	267	0.1	0.2	35.33	4.73	3.4	3.9	3.2	1.08	133.92	0.17	0.8	0.2	0.05
1731707	366519	5286385	WGS84	410	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.157	1.995	3.977511	0.318	400	0.3	0.0002	324	0.1	0.02	33.34	1.14	0.8	1.1	1	0.9	177.42	0.05	0.2	0.1	0.02
1731708	366526	5286363	WGS84	408	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.854	1.731	3.403862	0.214	2700	0.1	0.0002	272	0.1	0.02	36.4	6.77	1.1	6.5	1.1	0.68	119.84	0.05	0.4	0.1	0.02
1731709	366531	5286328	WGS84	406	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.407	0.784	1.55534	0.571	2400	0.6	0.0002	349	0.1	0.24	23.91	12.54	4.3	6.6	3.2	2.61	113.05	0.18	0.9	0.1	0.03
1731710	366516	5286316	WGS84	405	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.259	0.82	1.631549	1.409	2200	1.4	0.0017	348	0.1	0.34	19.63	7.99	4	4.3	4	1.59	164.88	0.24	0.9	0.1	0.03
1731711	366526	5286282	WGS84	404	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.653	1.346	2.657296	0.307	1200	2.3	0.0013	243	0.1	0.17	36.82	3.84	2.8	2	2.8	0.48	100.88	0.17	0.6	0.1	0.04
1731712	366520	5286264	WGS84	404	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.218	0.935	1.861882	0.698	2400	2.2	0.002	363	0.1	0.45	34.38	5.44	4.3	2.4	5.3	0.96	132.31	0.24	1.1	0.2	0.04
1731714	366532	5286230	WGS84	402	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.535	1.081	2.139112	0.487	1900	4	0.0019	176	0.1	0.29	30.03	10.01	2.9	4	2.5	0.99	101.64	0.16	0.7	0.1	0.03
1731715	366526	5286221	WGS84	402	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.707	0.816	1.609245	1.517	2200	1.2	0.0025	511	0.1	0.19	33.37	39.48	2.8	12.4	3.2	3.44	200.7	0.15	1.2	0.1	0.04
1731716	366516	5286178	WGS84	399	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.682	2.103	4.149402	0.712	2200	1	0.0016	144	0.1	0.07	36.42	5.39	1.9	4.3	2.3	0.76	96.11	0.11	0.4	0.1	0.03
1731718	366514	5286156	WGS84	396	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.057	1.786	3.567933	0.341	3200	0.7	0.0013	219	0.1	0.21	36.45	3.77	4.1	3.7	4.1	0.82	91.56	0.2	0.9	0.1	0.05
1731719	366914	5286306	WGS84	402	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.085	1.175	2.346012	0.741	3500	7.8	0.0017	265	0.1	0.48	33.4	6.46	6.1	6.8	5.7	1.07	91.91	0.45	1.4	0.1	0.11
1731720	366911	5286338	WGS84	403	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.874	1.196	2.350906	0.618	2200	7	0.0019	218	0.1	0.43	33.23	10.55	4.4	4	3.7	1.01	111.43	0.28	1.1	0.2	0.04
1731721	366916	5286370	WGS84	406	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.845	1.193	2.346347	0.926	1300	2.6	0.0011	226	0.1	0.15	36.31	16.05	2.3	7.1	2.8	0.7	88.55	0.14	0.7	0.1	0.04
1731722	366913	5286386	WGS84	409	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.582	2.238	4.424499	0.189	1500	0.1	0.0012	222	0.1	0.05	35.1	7.56	1.4	2.8	1.3	1.39	89.08	0.07	0.4	0.1	0.03
1731724	366926	5286417	WGS84	409	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.326	3.002	5.965107	0.141	600	0.4	0.0013	180	0.1	0.02	37.45	6.11	0.7	2.7	0.9	0.32	55.97	0.04	0.2	0.1	0.02
1731725	366937	5286434	WGS84	411	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.883	2.183	4.290234	0.121	1400	0.6	0.0016	282	0.1	0.02	37.67	4.5	0.5	3.3	0.9	0.36	64.34	0.03	0.3	0.1	0.02
1731726	366931	5286462	WGS84	416	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.507	2.721	5.387372	0.38	900	0.1	0.0008	161	0.1	0.06	37.66	4.56	1	2	1	0.68	71.18	0.06	0.3	0.1	0.02
1731727	366917	5286524	WGS84	422	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.611	1.727	3.412302	0.507	900	0.4	0.0015	253	0.1	0.04	35.48	2.95	1.5	2.4	1.7	0.6	210.58	0.08	0.3	0.1	0.02
1731728	366933	5286571	WGS84	424	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.051	1.917	3.830093	0.272	700	1	0.0009	218	0.1	0.04	37.22	3.33	1.2	2.2	3.2	0.63	148.66	0.06	0.3	0.1	0.02
1731729	366891	5286581	WGS84	425	17	23-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.511	2.624	5.194908	0.157	1500	0.9	0.0011	119	0.1	0.07	37.17	6.08	1.7	3	3	0.45	76.42	0.1	0.5	0.2	0.03
1731730	367340	5286180	WGS84	406	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.295	1.646	3.272691	0.305	1300	1.8	0.0016	164	0.1	0.16	36.84	5.79	2.6	3.5	3	0.71	71.04	0.17	0.6	0.1	0.03
1731731	367342	5286194	WGS84	409	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.845	1.664	3.272692	0.478	2000	1.2	0.0008	125	0.1	0.29	36.22	2.24	4.3	2	3.9	0.74	101.54	0.26	0.8	0.3	0.04
1731732	367343	5286216	WGS84	406	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.825	1.233	2.425971	0.28	5400	3.3	0.0016	142	0.1	0.5	32.55	7.92	6.3	2.8	6.1	1.12	105.3	0.42	1.3	0.3	0.08
1731734	367347	5286243	WGS84	401	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.207	1.875	3.734539	0.241	1800	0.2	0.0013	152	0.1	0.16	37.22	7.38	3.1	5	3.7	0.8	65.04	0.19	0.6	0.1	0.04
1731735	367364	5286273	WGS84	404	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.465	1.487	2.946597	0.346	2200	2.3	0.0016	185	0.1	0.28	35.28	8.28	3.9	6.5	5	1.69	81.54	0.26	0.9	0.1	0.07
1731736	367369	5286293	WGS84	403	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.711	2.112	4.164777	0.357	1200	2	0.0022	206	0.1	0.11	36.58	5.26	2.3	2.2	3.3	0.89	81.33	0.13	0.5	0.1	0.03
1731737	367364	5286313	WGS84	403	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.281	2.05	4.077087	0.654	1900	2.5	0.0016	190	0.1	0.24	36.93	3.86	3.9	2	3.6	1.1	82.8	0.2	0.8	0.1	0.08
1731738	367351	5286334	WGS84	400	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.026	2.284	4.565626	0.175	1200	0.3	0.001	87	0.1	0.08	37.18	2.98	2	2.6	2.5	0.45	45.07	0.12	0.5	0.1	0.02
1731739	367342	5286350	WGS84	400	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.676	1.281	2.527824	0.459	3200	1	0.002	269	0.2	0.23	35.99	7.54	4.6	5.6	4.4	2.22	113.06	0.23	1	0.1	0.06
1731740	367369	5286376	WGS84	403	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.293	2.081	4.137753	0.194	1200	1.3	0.0014	123	0.1	0.12	36.8	8.07	2.2	5.7	2.5	0.86	46.78	0.14	0.6	0.1	0.03
1731741	367718	5287222	WGS84	417	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.844	1.711	3.365195	0.658	1700	2.1	0.0016	142	0.1	0.23	34.43	14.03	2	6	2.1	1.18	88.84	0.12	0.6	0.1	0.02
1731742	367722	5287200	WGS84	418	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.904	1.199	2.355414	0.587	2500	3.9	0.0022	205	0.1	0.38	33.16	16.23	4.2	17.1	3.8	2.92	152.74	0.2	0.9	0.1	0.04
1731744	367721	5287177	WGS84	419	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.125	2.136	4.261347	0.498	2200	1.9	0.0002	141	0.1	0.2	35.21	10.68	2.9	4.2	2.5	1.93	78.41	0.15	0.7	0.1	0.03

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731745	367727	5287152	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.011	2.53	5.058887	0.35	1600	0.5	0.0002	125	0.1	0.14	33.76	5.57	1.8	5.3	1.4	1.22	79.45	0.09	0.4	0.1	0.02
1731746	367710	5287113	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.689	2.391	4.717	0.266	1200	0.1	0.0002	132	0.1	0.07	30.4	4.82	1.3	2.9	1.2	4.83	77.96	0.07	0.3	0.1	0.02
1731747	367707	5287076	WGS84	418	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.789	3.041	5.987517	0.198	900	0.1	0.0011	129	0.1	0.07	34.76	6.05	1.5	2.3	1.3	2.04	71.7	0.07	0.3	0.1	0.02
1731748	367735	5287037	WGS84	414	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.146	0.799	1.593347	1.412	4000	1.5	0.0002	206	0.2	0.49	30.85	8.66	7	4.8	8.7	4.57	133.56	0.48	1.4	0.2	0.07
1731749	367722	5287004	WGS84	412	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.473	0.596	1.180829	1.124	4000	1.3	0.0005	248	0.1	0.5	29.34	9.51	7.4	6.2	8.5	3.57	175.35	0.48	1.3	0.1	0.05
1731750	367727	5286982	WGS84	409	17	24-Sep-14	Spruce Bark	ROL_2014_016	AcmeLabs	12-Nov-14	50.977	0.893	1.75177	1.652	2600	1.1	0.0002	335	0.1	0.37	32.13	22.83	4.8	19.1	5	2.73	198.27	0.23	1	0.2	0.06
1731751	367324	5287061	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.348	1.668	3.312942	0.439	2200	2	0.0002	246	0.1	0.17	32.36	12.27	2.4	8.5	1.9	1.73	84.61	0.14	0.6	0.1	0.04
1731752	367321	5287040	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.414	1.304	2.586583	0.598	2900	3.3	0.0002	309	0.2	0.49	31.29	14.87	5	11.3	4.7	2.6	136.96	0.29	1.4	0.2	0.07
1731753	367328	5287013	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.195	2.7	5.379022	0.143	1800	0.5	0.0002	142	0.1	0.1	33.24	4.17	2	3.2	1.5	1.99	53.41	0.12	0.4	0.1	0.03
1731754	367320	5286983	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.799	2.51	4.941042	0.203	700	0.8	0.0002	160	0.1	0.05	34.67	1.11	1.2	1.6	1	0.81	90.93	0.08	0.2	0.1	0.02
1731755	367325	5286965	WGS84	421	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.853	2.081	4.092187	0.372	1400	0.8	0.0007	210	0.1	0.15	31.28	2.48	2.5	1.6	1.9	2.42	129.83	0.15	0.6	0.2	0.04
1731756	367324	5286937	WGS84	422	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.649	2.12	4.18567	0.3	1100	1.8	0.0002	131	0.1	0.15	33.93	5.13	1.9	3.1	1.5	1.69	81.31	0.13	0.5	0.1	0.02
1731757	367334	5286913	WGS84	422	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.291	1.853	3.684556	0.449	1500	3	0.0002	224	0.1	0.18	33.42	5.21	2.5	3.4	1.8	1.27	102.75	0.13	0.5	0.1	0.03
1731758	367327	5286889	WGS84	423	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.453	2.142	4.245535	0.713	1100	0.6	0.0002	190	0.1	0.11	33.29	5.45	2.2	4	1.1	0.77	104.49	0.12	0.4	0.1	0.04
1731759	367329	5286858	WGS84	424	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.764	2.264	4.459853	0.295	2100	0.4	0.0002	201	0.1	0.12	33.57	9.43	2.3	6.5	2.1	1.74	90.08	0.11	0.5	0.1	0.03
1731760	367329	5286836	WGS84	424	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.316	2.224	4.420065	0.214	3700	1	0.0002	192	0.1	0.18	32.72	4.08	3.4	4	2.2	1.71	87.35	0.17	0.6	0.2	0.05
1731761	367325	5286814	WGS84	423	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.669	1.188	2.344629	0.611	2200	3.2	0.0004	204	0.1	0.24	32.47	15.08	3.5	5.6	2.6	0.89	104.31	0.23	0.8	0.1	0.04
1731762	367323	5286789	WGS84	422	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.675	2.577	5.085348	0.455	1500	0.1	0.0002	194	0.1	0.09	32.07	3.33	1.6	2.4	1	1.34	73.48	0.09	0.4	0.2	0.02
1731763	367325	5286764	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.729	2.974	5.862524	0.226	800	0.9	0.0002	135	0.1	0.05	33.96	3.38	1.1	2.4	0.9	1.34	63.86	0.08	0.3	0.1	0.02
1731765	367322	5286736	WGS84	415	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.717	1.671	3.294753	0.292	1000	3.3	0.0002	188	0.1	0.12	33.82	7.22	1.9	5.5	2.2	0.86	78.23	0.13	0.4	0.1	0.04
1731766	367328	5286714	WGS84	413	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.458	2.856	5.660153	0.214	1500	0.4	0.0002	151	0.1	0.05	32.91	2.31	1.3	3.1	1.1	1.43	60.48	0.08	0.3	0.1	0.02
1731767	367324	5286685	WGS84	410	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.315	1.697	3.372752	0.405	1300	1.9	0.0002	170	0.1	0.17	33.32	8.47	2.2	11.9	2	0.75	78.58	0.16	0.5	0.1	0.05
1731768	367329	5286662	WGS84	408	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.707	2.171	4.28146	0.363	1300	1	0.0004	177	0.1	0.09	33.18	5.27	1.3	4.1	1	1.02	60.54	0.09	0.3	0.1	0.02
1731769	367324	5286638	WGS84	402	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.907	1.719	3.376746	0.202	1400	1.5	0.0002	184	0.1	0.06	32.7	5.82	1.3	3	0.7	1.39	107.76	0.09	0.3	0.1	0.02
1731770	367331	5286613	WGS84	399	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.268	1.729	3.439564	0.683	1600	1.4	0.0002	191	0.1	0.1	32.14	9.05	2.3	5	1.6	3.13	92.48	0.13	0.5	0.1	0.05
1731771	368908	5286723	WGS84	406	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.017	1.765	3.5288	0.348	1800	1.6	0.0002	169	0.1	0.08	34.65	3.45	1.5	4.2	1.6	1.6	60.86	0.1	0.4	0.1	0.04
1731772	368923	5286674	WGS84	412	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.339	1.661	3.299629	0.888	3000	0.8	0.0002	218	0.1	0.26	31.8	11.75	4.3	19.1	4.2	1.53	100.53	0.23	1	0.1	0.07
1731773	368929	5286649	WGS84	414	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.761	1.828	3.60119	0.329	1500	2.2	0.0002	140	0.1	0.17	34.11	4.15	2.2	4.6	1.8	1.17	71.3	0.15	0.5	0.1	0.04
1731775	368922	5286625	WGS84	416	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.683	1.557	3.072036	0.478	2400	2.1	0.0002	157	0.1	0.37	32.99	8.89	4.1	4.5	3.5	1	94.5	0.28	0.9	0.1	0.06
1731776	368923	5286598	WGS84	418	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.898	1.963	3.856733	0.439	1100	0.7	0.0002	164	0.1	0.07	34.56	1.76	1.6	3.2	1.4	1.21	71.75	0.1	0.3	0.1	0.04
1731777	368907	5286569	WGS84	419	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.254	1.53	3.044534	0.238	2500	0.7	0.0002	118	0.1	0.23	33.49	12.49	4.1	6.6	2.7	1.71	70.86	0.25	0.8	0.2	0.05
1731778	368916	5286548	WGS84	419	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.795	1.275	2.51009	0.293	1900	1	0.0002	180	0.1	0.11	33.89	3.49	2.9	3.2	2.9	1.01	80.31	0.2	0.6	0.1	0.03
1731779	368919	5286530	WGS84	420	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.195	1.124	2.239267	0.726	2100	0.5	0.0002	278	0.1	0.16	32.6	4.56	2.9	6.5	4.2	0.84	103.52	0.21	0.6	0.1	0.06
1731780	368929	5286498	WGS84	421	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.001	0.997	1.99396	0.584	2200	1.7	0.0002	299	0.1	0.11	33.66	7.71	2.9	8.4	3.3	0.69	101.36	0.16	0.6	0.2	0.06
1731781	368923	5286400	WGS84	419	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.878	1.05	2.06376	0.566	2900	1.2	0.0002	212	0.1	0.16	31.38	7.05	3.4	7	3.9	0.47	107.78	0.23	0.7	0.1	0.05
1731782	368931	5286346	WGS84	418	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.807	1.74	3.424725	0.151	1700	2	0.0002	187	0.1	0.16	33.99	1.99	3	1.8	3.4	0.64	140.23	0.18	0.6	0.1	0.03
1731783	368926	5286317	WGS84	417	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.452	1.639	3.248632	0.351	1900	0.8	0.0003	200	0.1	0.23	33.68	8.18	4	3.8	3.9	0.45	82.36	0.21	0.8	0.1	0.07
1731784	368921	5286296	WGS84	416	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.463	1.382	2.73864	0.342	2300	0.8	0.0036	292	0.1	0.2	34.57	3.1	3	7.6	3.9	0.6	83.51	0.18	0.7	0.1	0.04
1731786	368927	5286262	WGS84	416	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.367	1.717	3.408978	0.077	1000	0.6	0.0002	155	0.1	0.14	36.29	1.22	2.2	1.5	2.3	0.25	48.95	0.15	0.5	0.1	0.03
1731787	368923	5286221	WGS84	415	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.419	1.179	2.338404	0.419	1500	0.5	0.0009	303	0.1	0.16	35.87	2.04	2.9	1.8	4.2	0.44	111.49	0.16	0.6	0.1	0.04
1731788	367729	5286189	WGS84	416	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.924	2.644	5.192051	0.115	600	0.3	0.0006	178	0.1	0.05	36.21	0.47	1	1.3	0.8	0.43	82.07	0.07	0.3	0.1	0.02
1731789	367725	5286213	WGS84	415	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.827	1.285	2.528184	0.284	1800	3	0.0009	304	0.1	0.2	34.68	4.16	3.3	7.9	2.9	0.61	114.84	0.18	0.9	0.2	0.05
1731790	367719	5286234	WGS84	413	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.568	1.895	3.747429	0.113	800	0.8	0.0003	193	0.1	0.08	36.51	0.67	1.5	1.2	1.5	0.32	65.06	0.1	0.3	0.1	0.05
1731791	367727	5286263	WGS84	411	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.315	1.569	3.118354	0.286	1300	3.1	0.0002	212	0.1	0.14	35.4	1.76	2.1	5.5	2.3	0.84	88.63	0.33	0.6	0.1	0.05
1731792	367725	5286286	WGS84	410	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.808	1.301	2.56062	0.577	2300	0.9	0.0002	384	0.1	0.35	34.27	4.45	4.4	6.9	3.6	1.38	124.48	0.26	1.1	0.3	0.08
1731794	367726	5286308	WGS84	410	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.711	1.432	2.823845	0.616	1800	4.9	0.0003	215	0.1	0.25	33.83	2.6	3.7	8.4	3.3	0.68	75.92	0.27	0.9	0.2	0.05
1731795	367730	5286338	WGS84	409	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.496	1.248	2.471483	0.862	1700	0.6	0.0002	277	0.1	0.14	35.89	3.45	2.8	4.5	2.9	0.43	132.92	0.2	0.7	0.1	0.04
1731796	367741	5286364	WGS84	409	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.207	1.681	3.348139	0.443	1300	1.9	0.0012	229	0.1	0.1	34.67	1.78	2	4.8	2.1	0.44	68.61	0.15	0.5	0.1	0.03
1731797	367730	5286387	WGS84	406	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.699	1.368	2.698278	0.834	1000	1.1	0.0002	277	0.1	0.11	35.3	2.17	1.8	5	2.2	0.7	126.4	0.13	0.6	0.1	0.04
1731798	367739	5286417	WGS84	406	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.858	1.252	2.461756	0.521	2000	2.3	0.0003	212	0.1	0.2	33.89	2.31	2.9	8.2	3	0.78	107.96	0.22	0.7	0.1	0.04
1731799	367717	5286437	WGS84	407	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.985	2.427	4.760224	0.258	600	2.7	0.0002	262	0.1	0.05	35.28	0.58	1.1	1.4	1.3	0.35	103	0.07	0.3	0.1	0.02
1731800	367724	5286461	WGS84	403	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.892	2.471	4.85538	0.099	900	0.8	0.0006	161	0.1	0.02	35.93	0.39	1.5	2.3	1.7	0.27	69.64	0.11	0.4	0.1	0.02
1731801	367725	5286956	WGS84	402	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.183	0.412	0.820995	1.43	6100	1.7	0.0021	573	0.2	0.5	28.73	5.33	9.6	9.4	12.7	2.2	223.46	0.66	2.3	0.2	0.02
1731803	367721	5286929	WGS84	399	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.507	1.331	2.635278	0.336	2000	1.6	0.0002	277	0.1	0.1	33.72	1.54	2.4	7.2	2.4	0.6	113.43	0.15	0.7	0.1	0.04
1731804	367726	5286892	WGS84	394	17	24-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.478	2.437	4.827846	0.233	2300	1.5	0.0002	218	0.1	0.09	34.5	0.49	2.2	1.9	2.1	1.09	82.44	0.14	0.5	0.1	0.04
1731805	369726	5287614	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.514	1.216	2.407253	0.189	2600	2.9	0.0009	309	0.1	0.24	34.12	2.4	4.5	8.6	4.6	0.72	103.12	0.31	1	0.1	0.09
1731806	369726	5287587	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.908	1.54	3.025065	0.182	2000	0.9	0.0004	265	0.1	0.16	35.51	0.78	2.7	4.1	2.9	0.32	50.76	0.19	0.6	0.1	0.05
1731807	369727	5287562	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.265	1.054	2.096887	0.607	4100	7.7	0.0016	282	0.2	0.41	32.91	1.71	6.1	5	6.8	1.02	119.56	0.43	1.6	0.3	0.08
1731808	369726	5287537	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.932	1.415	2.778214	0.348	2800	1.3	0.0004	272	0.1	0.25	33.36	1.55	3.6	7.6	3.6	0.55	75.47	0.27	0.9	0.2	0.04
1731809	369728	5287512	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.357	1.037	2.059297	0.959	3900	2.8	0.0019	441	0.1	0.26	32.55	2.08	4.8	8.8	4.5	0.68	105.28	0.28	1.3	0.2	0.05
1731810	369727	5287489	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.756	1.003	1.976121	0.411	2700	5	0.0004	436	0.1	0.35	33.74	3.27	4.8	4.5	5.1	0.78	134.82	0.29	1.1	0.2	0.07
1731811	369724	5287463	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.883	1.476	2.900772	0.431	1900	0.5	0.0002	166	0.1	0.31	34.15	4.69	3.2	3.1	2.7	1.36	80.97	0.22	0.7	0.1	0.04
1731812	369731	5287436	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.722	1.365	2.69114	0.466	3000	2.8	0.0002	164	0.1	0.24	32.16	7.04	3	4.7	2.8	1.15	82.76	0.21	0.8	0.1	0.03
1731814	369718	5287413	WGS84	409	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.788	1.144	2.252501	0.75	5000	4.2	0.002	283	0.1	0.45	32.12	8.92	5.5	7.6	4.8	1.32	119.41	0.29	1.2	0.2	0.08

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731815	369724	5287386	WGS84	408	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.672	1.104	2.178718	0.256	2100	0.8	0.0002	185	0.2	0.35	30.45	7.44	3.8	3.5	3.2	2.7	87.7	0.3	0.9	0.2	0.05
1731816	369730	5287363	WGS84	407	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.425	1.919	3.805652	0.151	2100	3.4	0.0002	108	0.1	0.35	33.33	2.84	3.8	1.3	3.5	0.78	47.79	0.28	0.9	0.2	0.06
1731818	369736	5287339	WGS84	406	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.422	2.368	4.696363	0.082	1100	2.2	0.0002	127	0.1	0.2	35	1.31	2.2	1.1	1.8	0.48	32.17	0.16	0.6	0.1	0.05
1731819	369729	5287310	WGS84	405	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.643	1.835	3.623403	0.328	2300	2.7	0.0002	130	0.1	0.43	33.15	2.87	4.2	1.7	3.4	0.89	69.94	0.3	1	0.2	0.04
1731820	369721	5287285	WGS84	404	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.632	3.527	6.96595	0.059	900	2.7	0.0004	88	0.1	0.13	34.91	1	1.5	1.2	1.3	0.26	21.22	0.1	0.4	0.1	0.02
1731821	369731	5287262	WGS84	404	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.961	1.114	2.185985	0.668	3900	4.7	0.0006	227	0.1	0.69	32.3	1.65	6.4	2.4	6.3	1.39	128.67	0.45	1.5	0.2	0.08
1731822	369725	5287240	WGS84	403	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.389	1.049	2.081804	0.21	1800	1.8	0.0002	101	0.1	0.35	33.07	1.51	3.5	1.3	3.3	0.37	69.58	0.25	0.7	0.1	0.06
1731823	369729	5287178	WGS84	402	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.078	1.12	2.236511	0.424	2400	2.7	0.0004	133	0.1	0.54	32.29	2.56	4.4	1.8	4.4	0.65	125.6	0.34	1.2	0.2	0.08
1731824	369730	5287163	WGS84	402	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.925	2.583	5.072165	0.154	1200	0.5	0.0002	85	0.1	0.27	36.27	1.6	2.7	1.4	1.9	0.35	52.42	0.17	0.6	0.1	0.02
1731825	369715	5287135	WGS84	401	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.689	1.452	2.864527	0.331	2100	5	0.0002	186	0.1	0.3	33.03	1.65	3.7	1.6	3.8	0.8	76.53	0.28	0.9	0.3	0.06
1731826	369726	5287112	WGS84	402	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.661	1.239	2.445668	0.815	2200	2.1	0.0002	330	0.1	0.58	31.81	2.67	4.8	2.5	4.1	1.83	137.06	0.28	1.1	0.2	0.07
1731828	369725	5287087	WGS84	404	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.661	1.455	2.872032	0.329	1600	0.5	0.0002	172	0.1	0.22	32.96	11.55	2.8	4.4	2.3	0.78	89.33	0.18	0.6	0.1	0.04
1731829	369730	5287063	WGS84	406	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.503	1.35	2.673109	0.566	1500	0.3	0.0002	231	0.1	0.18	33.78	9.98	2	6.4	1.8	0.63	72.17	0.14	0.6	0.1	0.03
1731830	369719	5287031	WGS84	410	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.666	1.241	2.449374	0.39	1900	2.1	0.0002	270	0.1	0.24	33.24	11.67	2.8	10	2.8	1.03	101.29	0.19	0.8	0.1	0.04
1731831	369720	5287014	WGS84	415	17	28-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.022	1.504	3.006677	0.417	1100	0.1	0.0002	235	0.1	0.12	33.79	8.4	1.7	4.5	1.7	0.88	73.64	0.11	0.6	0.1	0.03
1731832	370120	5287785	WGS84	421	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.161	1.587	3.163813	0.54	1100	1	0.0002	271	0.1	0.11	33.86	11.88	1.4	6.8	1.8	0.53	78.05	0.09	0.5	0.1	0.02
1731834	370128	5287762	WGS84	419	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.356	0.973	1.932242	0.386	1800	1.5	0.0002	366	0.1	0.24	33.09	12.14	2.8	10.9	2.3	1.03	114.72	0.18	0.8	0.1	0.05
1731835	370127	5287738	WGS84	415	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.531	2.158	4.270646	0.143	1600	0.2	0.0002	238	0.1	0.16	33.03	4.55	1.8	4.4	1.1	1.53	76.87	0.11	0.4	0.2	0.03
1731836	370136	5287714	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.617	1.15	2.271964	0.869	2200	4.3	0.0005	367	0.1	0.33	32.22	17.86	3.7	12	3.3	1.28	123.34	0.21	0.8	0.1	0.05
1731837	370129	5287688	WGS84	412	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.598	1.58	3.122653	0.416	1600	1.3	0.0002	319	0.1	0.18	33.85	7.11	2.5	5	4.4	1.02	101.54	0.12	0.5	0.2	0.04
1731838	370125	5287663	WGS84	412	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.708	1.744	3.4393	0.511	1600	1.3	0.0002	338	0.1	0.2	33.08	8.44	2.5	5.2	1.9	1.99	127.46	0.12	0.7	0.1	0.04
1731839	370133	5287639	WGS84	414	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.856	1.117	2.196398	1.345	2500	1.6	0.0002	181	0.1	0.62	32.57	27.54	5.4	10.7	3.8	1.22	195.77	0.29	1.3	0.2	0.06
1731840	370129	5287612	WGS84	415	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.314	1.878	3.73256	0.449	3200	1.1	0.0002	277	0.1	0.16	33.26	7.19	1.9	5.2	1.8	0.87	138.95	0.1	0.5	0.1	0.03
1731841	370128	5287587	WGS84	415	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.485	0.952	1.885709	0.417	2400	3.3	0.0006	232	0.1	0.37	31.52	12.98	4.6	9.1	4.6	1.02	109.42	0.32	1.2	0.1	0.04
1731842	370134	5287563	WGS84	415	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.263	1.537	3.057915	0.468	2000	0.5	0.003	235	0.1	0.31	33.41	8.97	3.2	7.3	3.5	0.66	85.52	0.23	0.8	0.2	0.03
1731844	370125	5287541	WGS84	412	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.09	2.074	4.140547	0.415	1000	1.4	0.0002	169	0.1	0.16	35.49	11.13	2	6.6	1.9	0.48	60.52	0.13	0.6	0.1	0.02
1731845	370133	5287513	WGS84	409	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.077	1.825	3.644388	0.386	1700	1.8	0.0002	212	0.1	0.14	33.16	6.5	2.2	4.6	1.8	0.59	61.75	0.14	0.5	0.2	0.03
1731846	370126	5287488	WGS84	408	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.274	1.138	2.263595	0.63	2400	6.6	0.0002	305	0.1	0.45	30.35	6.41	4.9	3.4	4.4	1.53	108.53	0.3	1.1	0.1	0.06
1731847	370126	5287461	WGS84	408	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.242	1.118	2.22523	0.702	2700	5.2	0.0015	318	0.1	0.54	30.88	7.01	5.4	3	5.6	1.26	130.69	0.31	1.3	0.2	0.07
1731848	370127	5287438	WGS84	408	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.327	1.735	3.447454	0.244	1300	2.8	0.0002	161	0.1	0.18	31.38	9.04	2.5	4.7	2.4	1.88	76.2	0.15	0.5	0.1	0.03
1731849	370132	5287412	WGS84	408	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.353	1.599	3.17558	0.469	2300	1.9	0.0002	271	0.1	0.19	31.33	7.03	2.6	5.1	1.8	2.84	155.52	0.13	0.6	0.2	0.03
1731850	370138	5287390	WGS84	409	17	30-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.533	1.893	3.746067	0.457	2100	1.7	0.0002	212	0.1	0.22	31.41	5.4	3.7	3.5	2.2	1.17	103.79	0.16	0.6	0.2	0.04
1731851	367724	5286487	WGS84	401	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.331	1.754	3.48493	0.264	1500	0.4	0.0002	145	0.1	0.21	32.19	6.36	3	5.1	2.5	1.16	64.64	0.21	0.7	0.2	0.04
1731852	367724	5286511	WGS84	400	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.643	2.049	4.045969	0.177	1300	0.8	0.0002	135	0.1	0.16	34.59	5.02	2.4	3.9	1.8	0.43	55.51	0.17	0.5	0.1	0.04
1731853	367725	5286537	WGS84	400	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.546	1.527	3.021011	0.336	1800	2.9	0.0002	143	0.1	0.3	32.87	4.98	3.7	4	2.9	0.83	65.71	0.26	0.8	0.1	0.04
1731854	367723	5286559	WGS84	399	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.525	1.249	2.472044	0.387	2000	0.1	0.0002	163	0.1	0.19	33.27	8.02	3.3	4.4	2.8	0.87	73.89	0.21	0.7	0.1	0.04
1731855	367723	5286584	WGS84	398	17	25-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.105	1.333	2.660413	0.304	2800	0.9	0.0045	129	0.1	0.4	32.96	5.55	5.9	4.4	5.2	0.73	75.14	0.39	1.2	0.2	0.09
1731856	369315	5287514	WGS84	411	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.941	0.954	1.872755	2.122	3700	1.4	0.0028	386	0.1	0.57	30.93	25.36	5.6	12.3	6	1.17	171.35	0.33	1.4	0.1	0.07
1731857	369333	5287487	WGS84	409	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.762	1.781	3.50853	0.165	2100	0.9	0.0005	160	0.1	0.16	34.92	12.35	2.6	6.5	2.1	0.39	89.52	0.12	0.5	0.2	0.04
1731858	369325	5287462	WGS84	408	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.508	1.273	2.520393	0.631	2100	8.2	0.0003	199	0.1	0.39	32.47	8.71	4.2	2.8	4	0.55	104.1	0.29	1.1	0.2	0.06
1731859	369330	5287439	WGS84	404	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.71	2.306	4.547427	0.117	600	1.3	0.0007	199	0.1	0.07	35.3	1.92	1	1.5	0.9	0.27	77.25	0.05	0.3	0.1	0.02
1731860	369318	5287415	WGS84	402	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.784	1.683	3.314036	0.198	2000	5	0.0011	142	0.1	0.35	35.05	2.83	4	1.6	3.6	0.61	63.61	0.28	1	0.1	0.06
1731861	369323	5287386	WGS84	402	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.651	0.989	1.952577	0.37	4500	12	0.0016	190	0.2	0.9	30.47	4.43	8.3	2.7	8.2	1.08	104.88	0.6	1.9	0.3	0.12
1731862	369324	5287285	WGS84	400	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.443	1.389	2.753603	0.158	2000	4.6	0.0005	163	0.1	0.37	33.53	2.63	3.3	1.8	3.8	0.68	73.26	0.24	0.9	0.2	0.05
1731863	369340	5287262	WGS84	400	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.785	1.957	3.8535	0.231	1800	2.7	0.0002	132	0.1	0.25	34.85	3.66	3.2	2	3	0.74	109.9	0.17	0.7	0.2	0.06
1731865	369335	5287238	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.447	1.606	3.183539	0.165	2500	5.2	0.0009	146	0.1	0.4	34.25	1.7	4.5	1.6	4.1	0.6	64.7	0.31	1.1	0.2	0.06
1731866	369325	5287214	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.168	1.355	2.700925	0.266	2200	5	0.0007	192	0.1	0.34	33.26	3.8	4	1.7	3.8	1.78	75.1	0.3	1	0.1	0.06
1731867	369325	5287187	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.579	1.778	3.515293	0.206	2900	5.7	0.0002	156	0.1	0.43	33.52	2.09	5.8	1.9	5.3	0.66	51.95	0.39	1.1	0.2	0.07
1731868	369325	5287161	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.306	1.586	3.152705	0.149	2800	6.2	0.0002	136	0.1	0.43	33.3	0.72	6.3	1.5	5.5	0.5	48.78	0.45	1.3	0.1	0.06
1731869	369322	5287139	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.715	2.451	4.83289	0.095	2300	2.7	0.0003	88	0.1	0.33	34.29	0.76	5.1	1.7	4.4	0.32	29.32	0.33	1.1	0.2	0.05
1731870	369310	5287111	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.336	2.278	4.525588	0.159	3200	3.5	0.0006	101	0.1	0.45	34.49	1.12	6.9	1.7	5.3	0.45	41.87	0.48	1.4	0.2	0.06
1731871	369348	5287089	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.519	2.861	5.663216	0.13	2000	3.7	0.0003	95	0.1	0.37	34.07	1.56	4	1.5	3.3	0.6	35.19	0.25	0.8	0.2	0.05
1731872	369348	5287058	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.159	0.901	1.796288	0.854	3800	3.7	0.0007	327	0.2	0.86	30.67	5.76	7.2	3.7	7.2	0.95	138.19	0.47	1.7	0.2	0.08
1731873	369321	5287031	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.794	2.097	4.12844	0.194	600	0.5	0.0009	161	0.1	0.09	35.48	1.73	1.1	1.3	1.2	0.38	76.02	0.07	0.2	0.1	0.02
1731875	369320	5287009	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.419	2.326	4.61334	0.117	1300	2.7	0.0004	112	0.1	0.21	35.69	1.28	2.5	1.4	2.2	0.4	57.87	0.17	0.6	0.2	0.05
1731876	368528	5287241	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.638	2.113	4.172756	0.248	2100	0.8	0.0002	109	0.1	0.1	35.41	9.59	2.1	5.1	1.9	0.86	79.32	0.1	0.5	0.1	0.03
1731877	368513	5287215	WGS84	400	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.737	1.084	2.136508	0.624	2000	1.9	0.0002	355	0.1	0.22	33.38	22.99	3	7.9	3.4	1.13	131.86	0.17	1.2	0.1	0.03
1731878	368519	5287189	WGS84	400	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.655	2.07	4.086467	0.139	2700	1.6	0.0002	137	0.1	0.14	36.16	2.99	2.2	3.5	1.8	0.69	68.58	0.11	0.5	0.1	0.03
1731879	368911	5287349	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.324	0.592	1.176377	0.89	4300	0.8	0.0012	309	0.1	0.35	29.71	14.64	7.2	5.8	8.6	4.1	185.81	0.48	1.5	0.1	0.02
1731880	368917	5287322	WGS84	399	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.213	1.286	2.56109	1.127	3700	1.9	0.0004	251	0.2	0.52	31.99	13.61	7.1	5	7	2.37	120.62	0.41	1.3	0.2	0.07
1731881	368922	5287379	WGS84	398	17	26-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.516	0.575	1.138253	1.37	6100	1.7	0.0092	394	0.2	0.62	28.26	9.61	9.8	5.4	10.9	3.83	203.18	0.59	1.9	0.2	0.02
1731882	370530	5287917	WGS84	409	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.044	1.057	2.112141	0.601	3800	3.8	0.0007	260	0.1	0.35	31.86	12.96	4.4	8.8	4.5	1.56	119.33	0.24	1.3	0.1	0.07
1731884	370514	5287938	WGS84	410	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.489	1.1	2.178692	0.657	2400	4.1	0.0011	232	0.1	0.34	32.15	14.43	3.6	6.6	3.7	1.13	123.21	0.24	0.9	0.1	0.05
1731885	370531	5287891	WGS84	409	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.592	1.574	3.111164	0.343	1900	0.6	0.0008	131	0.1	0.17	34.88	7.81	2.7	3.1	3.2	0.65	56.57	0.2	0.7	0.1	0.04

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731886	370519	5287864	WGS84	409	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.977	1.385	2.716912	0.338	2200	6.1	0.0002	197	0.1	0.32	32.75	4.31	4.1	2.6	4.3	0.89	86.47	0.28	0.9	0.2	0.06
1731887	370520	5287840	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.625	1.313	2.59358	0.438	2500	4.9	0.0014	231	0.1	0.48	33.58	3.74	4.7	2.1	5.2	1.12	90.22	0.27	1.1	0.1	0.08
1731888	370523	5287817	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.235	1.581	3.147208	0.298	1300	1.6	0.0006	162	0.1	0.21	36.18	2.76	2.7	1.3	2.7	0.77	74.06	0.18	0.5	0.1	0.03
1731889	370515	5287789	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.007	1.473	2.945588	0.318	1900	2.3	0.0004	153	0.1	0.33	34.18	4.59	3.4	2.1	3.7	0.58	104.91	0.25	0.8	0.2	0.05
1731890	370522	5287738	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.151	1.562	3.114594	1.503	2300	3.3	0.0002	135	0.1	0.47	32.8	5.55	3.7	1.9	3.5	2.38	77.11	0.28	1.1	0.1	0.07
1731891	370508	5287717	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.405	1.114	2.210098	0.383	4200	9.2	0.0011	134	0.1	0.78	30.5	4.81	7.4	2.4	7.4	1.75	104.01	0.51	1.9	0.3	0.15
1731892	370530	5287664	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.805	2.009	3.954335	0.151	1900	3.7	0.0002	87	0.1	0.31	35.91	1.77	3.4	1.5	4	0.52	50.42	0.23	0.8	0.2	0.06
1731894	370530	5287639	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.908	2.063	4.052408	0.148	2100	4.1	0.0007	86	0.1	0.37	35.56	1.69	3.6	1.4	3.8	0.51	51.46	0.25	0.8	0.3	0.08
1731895	370519	5287615	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.124	2.189	4.367169	0.145	1300	1.9	0.001	83	0.1	0.19	36.75	1.23	2.8	1.1	2.7	0.38	46.88	0.18	0.6	0.2	0.04
1731896	370526	5287589	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.416	1.295	2.568629	0.459	2700	5.2	0.0002	119	0.1	0.53	35.32	2.1	5.5	1.4	4.7	0.77	120.7	0.45	1.3	0.3	0.09
1731897	370533	5287564	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.799	2.173	4.277643	0.16	1600	3.6	0.0004	114	0.1	0.25	35.16	1.15	3.2	1.3	2.9	0.43	40.1	0.2	0.7	0.1	0.05
1731898	370529	5287541	WGS84	406	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.606	2.133	4.214915	0.14	2000	2.4	0.0002	66	0.1	0.32	36.97	1.49	4.1	1.5	3.5	0.52	38.75	0.25	0.9	0.2	0.09
1731899	370527	5287515	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.288	1.729	3.438196	0.232	2200	3	0.0002	91	0.1	0.39	35.37	1.62	4.2	1.6	3.8	0.64	59.89	0.28	0.9	0.3	0.08
1731900	370521	5287491	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_017	AcmeLabs	7-Nov-14	50.603	2.172	4.292236	0.14	1300	2.9	0.004	101	0.1	0.2	35.54	1.77	2.5	1.3	2.4	0.49	54.35	0.16	0.5	0.2	0.04
1731901	370533	5287466	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.213	2.415	4.809511	0.084	1200	1.7	0.0023	132	0.1	0.13	37.36	0.65	2.2	1.4	2.8	0.18	41.29	0.15	0.6	0.1	0.05
1731903	370529	5287438	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.747	1.814	3.574596	0.199	3000	6.7	0.0005	246	0.1	0.35	35.05	0.97	4.4	1.6	5.3	0.52	66.76	0.28	1.3	0.4	0.1
1731904	370521	5287415	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.451	1.84	3.647103	0.12	2900	4.6	0.0009	158	0.1	0.42	35.83	1.02	5.1	2	5	0.41	59.79	0.31	1.5	0.2	0.06
1731905	370507	5287391	WGS84	407	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.869	2.005	3.941497	0.15	2600	5.5	0.001	161	0.2	0.41	36.23	1.07	4.5	1.7	5	0.47	76.6	0.29	1.3	0.3	0.08
1731906	370524	5287339	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.469	2.168	4.295706	0.105	1700	4.8	0.0024	242	0.1	0.23	34.87	0.78	3.3	2	3.5	0.38	72.04	0.19	0.8	0.3	0.06
1731907	370531	5287314	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.866	1.189	2.337514	0.244	3200	4.6	0.0015	346	0.1	0.53	34.74	4.88	5.8	3.9	6.7	0.67	92.15	0.4	1.8	0.1	0.08
1731908	370528	5287289	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.585	1.048	2.07176	0.465	4200	2.9	0.0002	295	0.2	0.47	36.84	3.78	5.6	5.6	5.5	0.86	101.19	0.41	1.7	0.3	0.06
1731909	370526	5287266	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.997	1.25	2.451125	0.538	3200	8.3	0.0002	358	0.1	0.36	35.29	3.04	5	4.1	6.2	1.11	84.58	0.3	1.8	0.1	0.06
1731910	370534	5287238	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.796	1.172	2.307268	0.43	3200	5.2	0.0002	418	0.1	0.5	35.54	2.5	4.7	4.3	8.7	1.25	110.03	0.33	1.7	0.3	0.04
1731911	370530	5287215	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.786	1.981	3.900681	0.174	2300	3.2	0.0015	200	0.1	0.33	35.32	0.96	3.8	1.8	4.6	0.38	72	0.26	1.2	0.2	0.04
1731912	370532	5287188	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.085	2.241	4.474394	0.105	2500	4.6	0.0002	159	0.1	0.29	35.14	0.5	4.4	1.7	4.9	0.42	52.9	0.29	1.1	0.2	0.06
1731914	370528	5287165	WGS84	409	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.449	2.32	4.598704	0.087	1700	2.1	0.0002	154	0.1	0.23	35.59	0.77	3.2	1.7	3.1	0.29	54.48	0.18	0.8	0.1	0.03
1731915	370520	5287133	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.351	3.676	7.300749	0.048	500	1.1	0.0002	111	0.1	0.05	36.51	0.26	0.8	1.1	1.6	0.15	35.81	0.06	0.4	0.1	0.02
1731916	370537	5287112	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.458	1.24	2.457489	0.195	2700	6.8	0.0016	244	0.1	0.41	33.4	1.32	5.2	2.2	5.4	0.61	100.79	0.35	1	0.2	0.09
1731918	370534	5287090	WGS84	408	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.521	2.012	3.982502	0.104	2200	4.8	0.001	209	0.1	0.25	34.63	0.54	3.4	1.9	4	0.43	67.12	0.2	0.9	0.2	0.05
1731919	370531	5287039	WGS84	410	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.266	1.146	2.279871	0.71	2300	2.1	0.0002	420	0.1	0.33	35.84	4.04	4	7.3	5.2	1.92	145.46	0.25	1.3	0.2	0.07
1731920	370526	5287014	WGS84	411	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.577	1.662	3.286079	0.225	1700	3.2	0.0002	186	0.1	0.19	35.66	7.95	2.3	5.2	2.9	1	59.07	0.14	1.1	0.1	0.04
1731921	370518	5286994	WGS84	410	17	27-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.567	1.544	3.053375	0.263	3000	2.5	0.0002	255	0.1	0.24	36.54	8.89	2.9	5.8	3.6	0.86	86.59	0.18	1.3	0.3	0.02
1731922	370125	5287363	WGS84	410	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.984	0.749	1.469088	1.207	2500	0.9	0.0002	540	0.1	0.24	33.42	6.72	3.3	8.4	4.4	2.03	210.17	0.22	1.9	0.2	0.04
1731923	370123	5287337	WGS84	411	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.582	1.526	3.016883	0.639	2200	3.7	0.0007	299	0.1	0.21	35.11	7.77	3.1	8.1	3.3	1.43	133.93	0.18	1.4	0.3	0.03
1731924	370137	5287310	WGS84	412	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.658	1.176	2.32145	0.843	2100	1.9	0.0002	308	0.1	0.21	35.93	5.86	2.5	8.7	3.2	0.92	132.19	0.16	1.4	0.1	0.04
1731926	370121	5287288	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.486	1.77	3.505922	0.326	1700	3.1	0.0002	277	0.1	0.14	35.18	4.41	2.2	4.4	2.1	0.58	79.1	0.12	0.9	0.1	0.03
1731927	370139	5287263	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.498	1.319	2.611985	0.715	2100	2.7	0.0002	273	0.1	0.31	33.55	13.69	3.5	12.1	3.9	1.41	143.31	0.22	1.6	0.2	0.05
1731928	370127	5287237	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.713	1.227	2.419498	0.411	2100	3.5	0.0002	324	0.1	0.29	34	9.17	3.7	9.4	3.8	1.42	135.73	0.2	1.5	0.3	0.07
1731929	370132	5287213	WGS84	414	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.104	1.801	3.594523	0.378	1500	1.9	0.0063	269	0.1	0.07	37.75	4.02	1.4	5.2	1.8	1.21	86.47	0.07	0.8	0.1	0.02
1731930	370130	5287187	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.059	1.928	3.851455	0.54	1300	2.1	0.0002	218	0.1	0.16	35.79	12.43	2.4	7.5	2.6	1.07	94.12	0.14	1.2	0.1	0.03
1731931	370120	5287161	WGS84	413	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.947	1.415	2.777396	0.556	1900	4.5	0.0016	233	0.1	0.24	34.67	14.28	3.4	7.9	3.6	0.84	101.52	0.2	1.5	0.2	0.05
1731932	370135	5287137	WGS84	412	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.267	1.514	3.011916	1.212	2000	5.5	0.0002	224	0.1	0.28	34.4	13.26	3	7.4	3.6	1.22	110.38	0.19	1.3	0.2	0.02
1731934	370127	5287113	WGS84	411	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.917	1.293	2.539427	0.596	1900	3	0.0002	295	0.1	0.19	34.02	15.86	3.3	8.4	3.5	1.6	107.01	0.2	1.3	0.4	0.03
1731935	370128	5287088	WGS84	410	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.696	1.541	3.039688	0.496	1100	2.2	0.0002	230	0.1	0.16	35.65	11.64	2.6	4.5	2.5	1.09	91.37	0.16	1	0.2	0.05
1731936	370129	5287064	WGS84	410	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.241	2.506	4.987958	0.303	1300	1.5	0.0002	233	0.1	0.1	35.98	3.24	2	3.5	2	1.17	63.1	0.13	0.8	0.1	0.04
1731937	370125	5287039	WGS84	409	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.835	1.796	3.532999	0.266	1100	3.9	0.0002	203	0.1	0.13	35.92	4.77	2	2.5	2.5	0.58	67.94	0.14	0.9	0.2	0.02
1731938	370128	5287013	WGS84	410	17	30-Sep-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.852	1.618	3.181782	0.731	2500	4.3	0.0005	244	0.1	0.4	34.7	2.61	4.6	2.4	4.7	0.83	95.27	0.31	1.5	0.1	0.07
1731939	369941	5287412	WGS84	406	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.119	0.955	1.905465	0.443	3500	2.9	0.0022	330	0.1	0.5	33.94	11.87	6.2	6.2	6.7	2.59	151.94	0.37	1.7	0.2	0.05
1731940	369927	5287436	WGS84	408	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.677	1.673	3.3013	0.399	3900	2.4	0.0024	223	0.1	0.39	34.81	5.15	6.3	5.4	5.9	0.93	80	0.36	1.6	0.2	0.06
1731941	369930	5287462	WGS84	414	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.908	1.463	2.873812	0.329	3400	3	0.0017	285	0.1	0.39	36.17	7.15	5.5	4.4	5.2	1.11	80.39	0.35	1.7	0.1	0.06
1731942	369917	5287481	WGS84	417	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.267	1.774	3.529154	0.502	3000	4.3	0.0007	265	0.1	0.37	35.18	7.45	5	7.9	4.5	1.12	143.46	0.3	1.6	0.2	0.05
1731943	369934	5287514	WGS84	419	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.273	0.95	1.889682	0.703	3800	1.5	0.0014	263	0.2	0.38	32.54	5.33	5.5	4	6.6	1.74	122.25	0.45	1.7	0.1	0.07
1731944	369921	5287536	WGS84	420	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.249	0.887	1.765209	0.759	3000	2.5	0.0002	363	0.1	0.41	36.41	17.74	5.1	11.2	5	1.37	142.94	0.34	2	0.1	0.07
1731945	369929	5287560	WGS84	421	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.107	0.595	1.187459	1.475	4500	1.4	0.004	435	0.1	0.52	31.02	11.22	7.9	8.4	8.2	4.46	187.45	0.45	2.4	0.2	0.02
1731946	369929	5287589	WGS84	421	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.008	0.831	1.661734	0.53	2400	2	0.001	763	0.1	0.12	38.46	17.5	3.1	10.9	3.7	3.75	197	0.15	1.8	0.2	0.03
1731947	369928	5287619	WGS84	419	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.556	0.919	1.817786	0.869	2700	1.8	0.0003	489	0.1	0.29	37.42	12.16	4.1	7.3	4.6	2.14	151.83	0.24	1.7	0.2	0.06
1731949	369926	5287634	WGS84	419	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.502	1.142	2.261297	0.38	1500	1.3	0.0011	403	0.1	0.23	36.78	5.41	2.9	3.1	3.1	1.57	104.72	0.17	1.1	0.3	0.04
1731950	369922	5287652	WGS84	419	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.434	1.617	3.20617	0.657	1600	1.8	0.0002	237	0.1	0.19	37.91	9.77	2.5	8.3	2.8	1.11	76.85	0.15	1	0.1	0.03
1731951	369928	5287692	WGS84	420	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.801	1.653	3.253873	0.203	4200	1.4	0.0002	429	0.1	0.1	40	4.48	1.9	5.2	1.8	1.44	97.82	0.09	0.9	0.1	0.04
1731952	369918	5287719	WGS84	421	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.323	1.887	3.749776	0.35	3400	1.5	0.0007	302	0.1	0.13	37.49	9.68	2.3	7.4	2.3	0.71	101.25	0.11	0.9	0.1	0.03
1731953	369929	5287740	WGS84	422	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.591	1.636	3.233777	0.364	2500	1	0.0002	354	0.1	0.11	38.05	10.27	2.1	6	2.1	1.3	114.51	0.11	1	0.1	0.04
1731954	369934	5287768	WGS84	422	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.865	2.142	4.211147	0.14	2600	0.8	0.0006	309	0.1	0.07	38.83	2.9	1.6	3.5	1.6	0.65	95.55	0.07	0.7	0.1	0.03
1731955	369918	5287788	WGS84	420	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.209	1.34	2.668844	0.643	1600	2	0.0003	456	0.1	0.16	39.88	11.45	2.4	6.7	2.1	1.76	121.95	0.13	1	0.2	0.04
1731956	369940	5287816	WGS84	420	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.532	0.968	1.915618	1.302	2200	4.1	0.0004	694	0.1	0.23	40	15.44	3	17.7	3	1.13	252.03	0.2	1.5	0.3	0.04

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
1731957	369927	5287839	WGS84	417	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.283	2.296	4.566156	0.405	1900	1.7	0.0002	304	0.1	0.21	40	4.49	3.3	3.4	2.9	1.39	89.5	0.16	1	0.1	0.04
1731958	369919	5287866	WGS84	410	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.556	1.821	3.601946	0.309	2600	2.6	0.0002	393	0.1	0.16	40	3.35	2.4	4.5	2.6	0.67	86.93	0.13	0.7	0.1	0.03
1731959	369925	5287896	WGS84	409	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.857	1.775	3.490178	0.353	2300	1.5	0.0002	425	0.1	0.08	40	8.66	1.6	5.2	1.7	0.62	88.36	0.09	1	0.1	0.02
1731960	369927	5287915	WGS84	408	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.416	1.881	3.730958	0.583	2800	2.2	0.0002	397	0.1	0.15	40	6.03	3	4.4	2.9	1.35	89.65	0.14	1	0.2	0.06
1731961	369921	5287915	WGS84	408	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.323	1.919	3.813366	0.194	2500	0.7	0.0002	183	0.1	0.21	35.05	3.48	2.9	4.4	2.1	1.53	86.9	0.14	0.8	0.2	0.03
1731962	369923	5287941	WGS84	407	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.228	1.334	2.655889	0.934	2900	5	0.0007	283	0.1	0.26	34.22	9.98	2.9	5.6	3.1	0.89	140.82	0.18	1.3	0.2	0.06
1731963	369926	5287965	WGS84	406	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.271	2.628	5.227666	0.266	700	0.7	0.0003	117	0.1	0.06	36.94	1.9	1.1	2.1	1.4	0.92	77.68	0.07	0.6	0.1	0.02
1731965	369928	5287987	WGS84	405	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.266	1.771	3.523256	0.445	2700	2.7	0.0002	207	0.1	0.14	35.02	4.72	2.8	4.3	2.3	1	102.15	0.13	1	0.2	0.03
1731966	369924	5288009	WGS84	404	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.757	1.625	3.201529	0.617	2300	1.9	0.0003	221	0.1	0.18	35.47	9.55	2.7	5.1	2.6	1.12	101.03	0.15	1.3	0.2	0.02
1731967	369933	5288027	WGS84	403	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.524	1.068	2.113847	0.543	3100	1.7	0.0004	312	0.1	0.33	34.75	6.67	4.6	5	3.5	1.48	131.62	0.24	1.5	0.1	0.03
1731968	369928	5288054	WGS84	403	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.908	2.335	4.586705	0.356	1100	1.4	0.0002	175	0.1	0.1	36.67	2.59	1.6	3.8	1.7	1.19	103.95	0.1	0.7	0.2	0.02
1731969	369909	5288091	WGS84	401	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.973	1.799	3.529319	0.151	1200	4	0.0002	134	0.1	0.18	36.1	2.01	2.4	2.3	2.2	0.65	85	0.15	0.7	0.1	0.02
1731970	369931	5288102	WGS84	401	17	1-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.438	1.185	2.349419	0.537	2900	13	0.0011	237	0.1	0.34	33.47	2.6	4.4	2.5	4.7	0.89	171.37	0.31	1.4	0.2	0.1
1731971	368717	5286759	WGS84	400	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.471	1.061	2.102197	0.432	3500	0.6	0.001	219	0.1	0.21	33.56	3.06	4.1	4.5	3.7	1.9	109.11	0.27	1.1	0.1	0.05
1731972	368725	5286712	WGS84	406	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.818	1.521	2.993034	0.502	2400	4	0.0004	207	0.1	0.21	34.21	4.12	3.6	8.4	3.7	2.58	89.64	0.24	1.1	0.1	0.05
1731973	368718	5286681	WGS84	407	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.327	1.355	2.692392	0.633	2300	4.2	0.0015	206	0.1	0.2	33.49	3.35	3.4	9.9	3	2.4	100.67	0.22	1.2	0.1	0.03
1731975	368720	5286655	WGS84	411	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.932	1.99	3.90717	0.251	1900	1.9	0.001	189	0.1	0.16	35.85	1.35	2.3	4.4	2.9	0.78	62.22	0.15	0.7	0.2	0.03
1731976	368713	5286637	WGS84	412	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.578	0.885	1.749773	0.243	3000	6.2	0.0025	332	0.1	0.59	32.6	1.78	5.9	2.4	5.5	1.8	173.75	0.45	1.7	0.2	0.07
1731977	368724	5286612	WGS84	413	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.459	1.143	2.265205	0.503	3100	6.9	0.001	246	0.1	0.45	32.52	3.07	5.3	3.5	6.4	1.15	115.29	0.36	1.3	0.3	0.08
1731978	368711	5286595	WGS84	413	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.571	1.778	3.515849	0.325	2000	3.4	0.0002	224	0.1	0.26	34.61	4.19	3.3	7.9	3.5	1.02	82.01	0.23	1.1	0.1	0.06
1731979	368719	5286565	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.771	1.229	2.420673	1.248	3500	2.9	0.0002	352	0.1	0.33	34.42	3.66	5.2	7.6	4.4	2.25	145.91	0.27	1.5	0.2	0.08
1731980	368713	5286527	WGS84	415	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.283	1.182	2.350695	0.874	2700	0.6	0.0004	277	0.1	0.19	33.18	3.51	3.7	9.3	6.4	2.36	131.49	0.29	1.1	0.2	0.08
1731981	368709	5286502	WGS84	415	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.558	1.817	3.593892	0.53	2300	1.3	0.001	137	0.1	0.17	36.38	1.98	3.2	7.8	2.9	1.17	79.32	0.19	0.9	0.1	0.02
1731982	368706	5286461	WGS84	415	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.439	1.551	3.075001	0.734	2000	1.3	0.0002	198	0.1	0.16	35.94	3.42	3.1	6.7	3.2	0.36	87.33	0.2	1.2	0.1	0.05
1731983	368681	5286452	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.975	1.373	2.693477	1.029	3200	0.6	0.0002	217	0.1	0.26	35.73	3.77	4.4	6.7	3.9	1.2	115.83	0.28	1.2	0.4	0.08
1731984	368670	5286408	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.376	1.068	2.120057	1.464	2200	1.6	0.0002	456	0.1	0.2	35.1	3.77	3.3	4.5	3.4	1.32	154.24	0.2	1.2	0.1	0.08
1731985	368662	5286400	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.606	1.268	2.505632	0.504	4100	4.8	0.0002	191	0.2	0.35	33.27	2.7	5.5	4.8	5.6	0.88	95.86	0.39	1.8	0.2	0.09
1731986	368660	5286356	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.497	1.156	2.289245	0.398	2600	4.1	0.0002	337	0.1	0.16	34.74	1.53	3.9	4.9	4.1	0.68	99.06	0.21	1.5	0.2	0.05
1731988	368659	5286328	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.395	1.435	2.847505	0.31	2500	2.6	0.0002	222	0.1	0.26	35.64	1.75	4.4	3.4	4.6	0.54	75.04	0.28	1.4	0.1	0.07
1731989	368670	5286309	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.337	1.653	3.283867	0.172	1500	3.8	0.0002	156	0.1	0.16	35.48	1.41	2.6	1.7	2.9	0.32	66.84	0.18	0.7	0.2	0.04
1731990	368661	5286290	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.359	1.141	2.265732	0.432	2400	2.5	0.0007	239	0.2	0.33	33.75	1.05	4.4	2.7	5.1	0.62	140.47	0.3	1.3	0.2	0.08
1731991	368641	5286257	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.861	1.532	3.012131	0.168	1700	3.1	0.0008	172	0.1	0.17	34.28	0.88	3.3	1.7	3.2	0.35	75.83	0.22	0.8	0.1	0.05
1731992	368628	5286239	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.293	0.827	1.644364	0.872	3200	3.4	0.0007	613	0.1	0.63	33.96	10.96	3.8	5.6	5.4	1.17	184.34	0.23	1.6	0.3	0.02
1731994	368652	5286198	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.435	1.197	2.373352	0.54	1700	0.6	0.0002	301	0.1	0.12	37.6	12.54	2.4	5.6	2.9	0.47	97.68	0.15	1.3	0.1	0.03
1731995	368663	5286181	WGS84	414	17	2-Oct-14	Spruce Bark	ROL_2014_018	AcmeLabs	31-Oct-14	50.872	0.871	1.71214	0.323	2800	6.2	0.0002	669	0.1	0.48	36.87	4.95	5	3.2	7.1	0.42	145.26	0.3	1.8	0.4	0.11
1731996	361323	5288366	WGS84	401	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.598	1.023	2.021819	0.644	2400	1.9	0.0009	371	0.1	0.33	32.74	12.41	3.6	6.6	3.9	0.87	132.67	0.19	0.8	0.1	0.03
1731997	361302	5288346	WGS84	404	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.718	1.072	2.113648	0.757	1800	1.3	0.0009	376	0.1	0.19	32.87	13.18	2.5	4.4	3.3	1.25	151.05	0.17	0.8	0.1	0.03
1731998	361289	5288325	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.323	1.639	3.25696	0.212	1000	0.6	0.0002	244	0.1	0.04	32.95	7.71	0.9	2.2	2	1.03	120.54	0.05	0.4	0.1	0.02
1731999	361277	5288308	WGS84	409	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.709	1.932	3.809975	0.451	1200	1.7	0.0002	262	0.1	0.04	34.07	5.07	1	3.4	2	0.97	110.82	0.06	0.4	0.1	0.02
1732000	361258	5288287	WGS84	410	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.91	2.673	5.250442	0.187	800	0.7	0.0002	160	0.1	0.03	35.81	4.27	1	2.5	1.2	0.32	60.26	0.06	0.3	0.1	0.02
2679501	361238	5288272	WGS84	410	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.079	1.764	3.522435	0.281	1800	0.1	0.0002	234	0.1	0.09	32.9	1.88	2.5	2.4	2.4	1.01	100.41	0.15	0.5	0.1	0.05
2679503	361230	5288247	WGS84	410	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.718	1.561	3.077803	0.598	1300	1	0.0002	256	0.1	0.07	34.81	9.66	1.4	3.2	1.6	0.47	99.89	0.1	0.5	0.1	0.03
2679504	361221	5288229	WGS84	409	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.357	0.74	1.469508	0.849	3400	0.9	0.0002	494	0.1	0.26	31.19	9.5	4.6	5.1	5.3	2.56	130.66	0.34	1.3	0.1	0.06
2679505	361197	5288209	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.77	0.747	1.471341	1.063	4800	2.6	0.0016	478	0.2	0.49	31.17	8.8	7.8	8.9	5.6	1.9	174.37	0.44	1.6	0.2	0.03
2679506	361180	5288188	WGS84	405	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.955	1.36	2.669022	0.821	1300	1.2	0.0002	228	0.1	0.1	35.4	6.74	1.7	3.6	1.7	0.34	101.65	0.11	0.5	0.1	0.03
2679507	361168	5288166	WGS84	404	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.443	1.271	2.519676	0.772	2000	2.3	0.0002	339	0.1	0.27	34.09	10.34	3.1	6.4	3.5	0.52	94.57	0.24	0.8	0.1	0.08
2679508	361150	5288141	WGS84	402	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.904	0.45	0.884017	2.608	2800	1.1	0.0002	603	0.1	0.27	32.38	21.51	4.4	4.4	5.8	1.76	344.69	0.29	1	0.1	0.04
2679509	361134	5288127	WGS84	400	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.703	1.69	3.333136	0.187	4700	1.1	0.0002	228	0.1	0.12	35.66	5.45	2.9	2.6	2.8	0.51	89.49	0.18	0.6	0.1	0.03
2679510	361118	5288109	WGS84	400	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.128	1.387	2.766917	0.554	2600	1.2	0.0002	360	0.1	0.29	33.79	7.82	3.3	5.4	3.8	0.66	109.87	0.23	0.9	0.1	0.09
2679511	361105	5288091	WGS84	400	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.888	0.803	1.577975	0.709	2900	1.5	0.0002	420	0.1	0.23	33.14	6.32	4	3.7	4.2	0.96	131.57	0.31	0.8	0.1	0.06
2679512	361082	5288073	WGS84	399	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.166	1.241	2.473787	0.295	2500	1.4	0.0004	276	0.1	0.13	34.63	3.91	4	4.1	4	0.78	85.08	0.28	0.8	0.1	0.06
2679514	361065	5288049	WGS84	399	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.384	1.453	2.883852	0.588	2700	1.7	0.0004	369	0.1	0.23	34.98	6.58	4.7	3.8	5	0.58	82.25	0.3	1	0.1	0.08
2679515	361055	5288031	WGS84	399	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.827	1.178	2.317666	0.24	2100	1.6	0.002	418	0.1	0.21	35.28	3.17	3.7	3.4	4.5	0.56	65.6	0.26	0.9	0.1	0.04
2679516	361041	5288016	WGS84	399	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.536	1.449	2.867263	0.302	2400	3	0.0002	245	0.1	0.29	35.42	2.27	4.5	2.2	4.5	0.49	53.4	0.33	1	0.2	0.08
2679518	361037	5287981	WGS84	399	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.796	2.322	4.571226	0.169	800	0.4	0.0002	181	0.1	0.02	36.73	2.38	0.9	3	1	0.32	65.83	0.07	0.3	0.1	0.02
2679519	361013	5287973	WGS84	400	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.551	2.129	4.211588	0.263	700	1.4	0.0002	221	0.1	0.02	37.02	1.05	0.8	2.4	0.8	0.27	85.34	0.06	0.2	0.2	0.02
2679520	361003	5287948	WGS84	404	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.653	1.143	2.25653	1.708	1200	3.2	0.0002	336	0.1	0.1	35.31	5.14	2.1	4.6	2.5	0.56	120.93	0.15	0.6	0.1	0.04
2679521	360985	5287931	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.654	2.159	4.26225	0.109	1100	1	0.0006	284	0.1	0.02	35.44	3.37	1	1.8	1.2	0.33	82.9	0.07	0.3	0.1	0.03
2679522	360974	5287907	WGS84	409	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.663	1.776	3.505517	0.283	800	0.7	0.0002	281	0.1	0.02	33.57	3.16	1	2.7	0.9	0.38	94.34	0.07	0.3	0.1	0.03
2679524	360955	5287891	WGS84	409	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.721	1.039	2.048461	0.501	2200	1.7	0.0002	397	0.1	0.13	33.77	5.44	3	6.6	3.5	0.62	94.72	0.21	0.8	0.1	0.05
2679525	360934	5287870	WGS84	409	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.831	1.109	2.181739	0.48	1800	0.9	0.0002	254	0.1	0.23	34.44	12.81	2.9	3.2	2.9	0.8	124.21	0.19	0.7	0.2	0.04
2679526	360919	5287855	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.544	0.914	1.808325	1.597	3300	1	0.0002	396	0.1	0.26	31.01	13.49	3.9	5	3.9	1.3	172.83	0.24	1.1	0.1	0.1
2679527	360903	5287835	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.945	0.842	1.652763	1.582	2900	1.5	0.0002	367	0.1	0.22	32.74	9.6	4.1	5.5	4	1.25	241.88	0.24	1	0.1	0.09
2679528	360894	5287812	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.461	1.488	2.948812	0.543	1900	1.6	0.0002	160	0.1	0.15	36.44	9.55	2.9	3.7	2.3	0.66	84.03	0.19	0.7	0.1	0.05

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
2679529	360873	5287793	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.829	1.753	3.448819	0.414	2700	2.6	0.0002	123	0.1	0.19	34.99	5.96	3.1	3	2.4	1.05	81.63	0.2	0.9	0.2	0.06
2679530	360852	5287777	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.942	0.948	1.86094	0.931	4400	3.4	0.0018	369	0.1	0.52	31.82	11.12	5.8	4.8	5.9	2.72	152.7	0.36	1.6	0.3	0.07
2679531	360843	5287753	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.976	0.715	1.402621	2.265	5100	2.3	0.0002	439	0.1	0.49	31.71	10.78	6.3	4.9	5.4	4.65	231.51	0.35	1.4	0.3	0.07
2679532	360826	5287734	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.298	0.744	1.479184	1.35	2400	2	0.0011	493	0.1	0.24	32.88	11.43	3.2	4	4.1	3.87	193.86	0.19	0.9	0.1	0.09
2679534	360813	5287716	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.233	0.957	1.905122	1.398	3100	3.2	0.0011	436	0.1	0.42	32.51	10.17	4.9	3.7	5.6	2.25	157.99	0.32	1.5	0.3	0.09
2679535	360799	5287698	WGS84	406	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.517	1.23	2.434824	0.464	2100	2.8	0.0006	190	0.1	0.24	35.15	7.91	4	2.9	3.9	0.93	97.26	0.26	0.9	0.2	0.06
2679536	360784	5287678	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.678	1.695	3.344647	0.311	1400	0.6	0.0003	193	0.1	0.11	36.32	9.88	2.1	2.3	2.1	0.56	70.35	0.14	0.7	0.1	0.03
2679537	360772	5287657	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.442	0.742	1.470996	0.399	4800	4.4	0.0012	359	0.1	0.37	31.2	4.71	6.7	4.3	6.4	1.52	140.52	0.43	1.4	0.1	0.07
2679538	360755	5287636	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.342	1.677	3.331214	0.518	1600	3.3	0.0009	201	0.1	0.17	36.3	4.85	3	2.4	3.3	0.6	80.99	0.2	0.8	0.2	0.05
2679539	360731	5287620	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.906	1.172	2.302283	0.361	2800	5.2	0.0009	254	0.2	0.31	34.42	6.89	6.1	2.4	5.6	0.84	83.29	0.37	1.3	0.3	0.08
2679540	360709	5287602	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.643	2.32	4.581087	0.146	1000	1.9	0.0004	135	0.1	0.1	36.71	5.03	2.1	1.5	2.1	0.46	67.92	0.12	0.5	0.1	0.02
2679541	360708	5287581	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.544	1.231	2.435502	0.231	3500	4.8	0.0002	131	0.1	0.46	32.7	3.53	7.2	2.1	6.5	0.64	64.61	0.47	1.5	0.3	0.11
2679542	360683	5287566	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.155	1.322	2.635829	0.285	2300	6.3	0.0006	150	0.1	0.28	35.13	4.95	5	2.4	4.7	0.53	73.25	0.34	1.2	0.2	0.06
2679544	360671	5287544	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.57	1.219	2.41052	0.304	1500	2.9	0.0002	220	0.1	0.19	36.84	8.21	2.9	1.7	3.1	0.73	85.04	0.23	0.6	0.1	0.07
2679545	360660	5287518	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.666	0.962	1.898709	0.709	2600	1.6	0.0003	349	0.1	0.32	33.93	3.72	4.4	2.1	4.4	0.9	110.49	0.32	1.1	0.1	0.12
2679546	360644	5287499	WGS84	408	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.36	1.176	2.335187	0.423	3200	4.9	0.0002	240	0.1	0.23	34.41	4.94	4.4	3	5.7	1.22	96.31	0.27	1.1	0.2	0.05
2679547	360629	5287482	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.333	1.586	3.151014	0.262	2500	2.5	0.0002	144	0.1	0.13	36.91	1.9	2.8	1.8	2.4	0.42	62.67	0.19	0.7	0.1	0.05
2679548	360612	5287460	WGS84	407	17	5-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.961	0.68	1.334354	0.959	5100	1.8	0.0008	480	0.1	0.21	33.48	3.98	5.6	3.1	5.6	1.54	224.7	0.32	1.1	0.2	0.07
2679549	361632	5288120	WGS84	400	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.459	0.947	1.876771	0.845	2300	1.5	0.0002	397	0.1	0.26	34.72	13.24	3.6	4.4	3.9	1.59	156.07	0.24	1	0.3	0.08
2679550	361619	5288099	WGS84	400	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.918	1.002	1.96787	1.022	1300	1	0.0013	328	0.1	0.26	33.73	12.61	2.4	2.5	2.2	0.65	137.65	0.15	1.1	0.1	0.06
2679551	361606	5288079	WGS84	401	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.253	1.659	3.301295	0.472	1400	0.5	0.0008	216	0.2	0.17	35.82	14.14	1.9	3.5	1.4	0.87	123.53	0.11	1.2	0.1	0.04
2679552	361590	5288060	WGS84	401	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.133	0.824	1.643628	0.781	2700	2.5	0.0009	334	0.1	0.33	34.58	11.87	3.6	5	4.1	1.06	168.23	0.22	1.7	0.1	0.06
2679553	361572	5288040	WGS84	402	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.41	1.016	2.015473	0.732	2600	1.2	0.0017	252	0.1	0.37	34.86	10.02	4.5	4	3.8	1.16	125.76	0.24	1.8	0.2	0.11
2679554	361558	5288016	WGS84	402	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.816	1.062	2.089893	0.493	3700	1.1	0.0003	264	0.1	0.37	35.44	1.34	7.1	2.2	7.1	0.87	79.98	0.43	1.3	0.1	0.09
2679555	361543	5288006	WGS84	402	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.718	1.072	2.113648	0.46	2200	1.9	0.0008	386	0.1	0.32	36.46	6.5	4.3	3.1	4.4	0.52	95.2	0.24	1	0.1	0.09
2679556	361528	5287978	WGS84	403	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.499	0.969	1.91885	0.51	2700	2.2	0.0002	478	0.1	0.22	34.71	4.14	3.4	3.3	4.7	1.07	123.34	0.27	0.9	0.1	0.06
2679557	361515	5287962	WGS84	403	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.177	1.93	3.846384	0.398	1900	1.6	0.0002	187	0.1	0.02	36.71	1.55	1.3	1.7	1.3	0.24	67.47	0.09	0.3	0.1	0.02
2679558	361494	5287942	WGS84	404	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.298	1.017	2.021949	0.671	3700	1.4	0.0002	410	0.1	0.17	34.31	2.44	3.8	3.4	4.9	0.93	122.71	0.24	1	0.1	0.08
2679559	361477	5287923	WGS84	404	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.525	1.203	2.381	0.411	5000	3.6	0.0002	405	0.2	0.36	35.28	2.86	5.8	3.7	6.2	1.48	114.41	0.35	1.4	0.1	0.07
2679560	361457	5287906	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.235	0.853	1.698019	1.182	5000	2.3	0.0009	568	0.2	0.28	33.9	2.92	6	3.2	8.4	1.46	137.09	0.37	1.3	0.1	0.08
2679561	361447	5287885	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.592	1.011	1.99834	1.16	3500	2.3	0.0002	496	0.2	0.33	35.25	1.92	5.4	3.9	4.9	1.45	141.28	0.28	1	0.1	0.03
2679562	361423	5287860	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.443	1.097	2.174732	0.955	3400	1.2	0.0002	518	0.1	0.19	34.18	4.56	3.4	3.8	8.4	1.28	139.97	0.21	1.1	0.1	0.03
2679563	361418	5287832	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.207	0.767	1.527675	1.332	2500	0.9	0.001	629	0.1	0.16	34.4	3.37	3.6	4	4.1	1.45	239.34	0.19	1.2	0.2	0.05
2679565	361401	5287821	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.17	1.018	2.029101	0.933	3200	1.2	0.0006	298	0.1	0.4	34.19	2.83	5.3	3	4.6	1.21	133.35	0.3	2.1	0.1	0.04
2679566	361375	5287785	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.775	1.302	2.564254	0.599	3900	0.8	0.0014	237	0.1	0.33	35.01	3.23	3.8	4.1	3.5	0.6	146.65	0.19	1.7	0.1	0.07
2679567	361352	5287766	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.725	1.692	3.335633	0.328	2100	1.6	0.0017	284	0.1	0.17	34.84	1.76	2.3	3.1	2.7	0.48	99.83	0.14	1.5	0.1	0.04
2679568	361343	5287744	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.205	1.802	3.589284	0.563	1000	1	0.0002	197	0.1	0.1	36.25	2.63	1.4	4.6	1.5	0.36	87.94	0.09	1.4	0.1	0.02
2679569	361333	5287723	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.706	1.459	2.877372	0.178	2000	1.8	0.0002	185	0.2	0.09	35.91	2.81	1.2	5.8	1.4	0.41	164.63	0.08	1	0.1	0.02
2679570	361311	5287706	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.578	1.073	2.121476	0.675	1700	0.8	0.0006	250	0.1	0.25	34.45	4.56	3.3	8	2.7	0.79	126.47	0.2	2	0.1	0.05
2679571	361293	5287696	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.967	1.423	2.792003	0.32	3700	1	0.0002	223	0.1	0.16	37.4	4.12	2.9	5.1	2.1	1.06	138.61	0.16	1.4	0.1	0.05
2679572	361289	5287666	WGS84	405	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.498	0.721	1.427779	2.177	3200	1.9	0.001	459	0.1	0.39	32.37	5.54	5.9	10.3	4.4	0.57	208.01	0.33	2.9	0.2	0.04
2679573	361260	5287649	WGS84	409	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.862	2.103	4.134717	0.148	1700	0.8	0.0002	218	0.1	0.03	37.65	0.91	1.3	2.4	1.5	0.23	96.53	0.07	0.2	0.1	0.04
2679575	361244	5287629	WGS84	410	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.773	1.582	3.115829	0.329	1500	1.3	0.0002	252	0.1	0.07	38.27	1.21	1.8	1.8	2	0.43	86.59	0.11	0.5	0.1	0.05
2679576	361235	5287608	WGS84	411	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.277	0.959	1.907433	0.993	2000	0.1	0.0002	385	0.1	0.11	37.44	3.23	2.7	3.8	3.1	1.01	138.64	0.17	0.7	0.1	0.04
2679577	361222	5287585	WGS84	412	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.685	1.007	1.986781	0.813	2300	2.2	0.0006	525	0.1	0.03	34.8	0.74	3.5	5.9	3.8	0.38	131.35	0.21	1	0.1	0.03
2679578	361208	5287572	WGS84	414	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.225	1.554	3.094077	0.57	700	0.5	0.0002	340	0.1	0.02	38.56	1.26	0.9	3.7	1.5	0.15	76.39	0.06	0.4	0.1	0.02
2679579	361186	5287552	WGS84	417	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.278	1.107	2.201758	0.409	1200	3.3	0.0002	456	0.1	0.1	38.21	1.79	1.9	5	2.5	0.24	144.15	0.14	0.7	0.1	0.03
2679580	361156	5287516	WGS84	419	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.163	0.779	1.552937	0.617	1800	1.4	0.0002	586	0.1	0.14	36.42	4.57	3	5	3.3	0.37	237.74	0.16	0.9	0.1	0.07
2679581	361139	5287491	WGS84	418	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.425	1.425	2.825979	0.64	1000	1.9	0.0002	306	0.1	0.04	38.23	1.78	1.6	3	1.9	0.23	93.84	0.1	0.6	0.1	0.02
2679582	361126	5287471	WGS84	418	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.874	1.29	2.535676	0.209	2700	2.1	0.0002	356	0.1	0.02	36.66	0.24	3.9	4.1	4	0.35	67.44	0.24	0.8	0.2	0.05
2679584	361109	5287453	WGS84	412	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.436	1.115	2.210722	0.719	4100	1.9	0.0002	387	0.1	0.12	35.74	0.58	3.6	3.9	3.4	1.09	78.68	0.24	0.8	0.1	0.03
2679585	361095	5287429	WGS84	409	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.692	1.249	2.4639	0.419	3600	3.3	0.0002	288	0.1	0.17	31.3	1.11	7.2	3.3	6	1.08	75	0.35	1.3	0.1	0.06
2679586	361095	5287407	WGS84	408	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.979	0.943	1.849781	0.486	7200	2.9	0.0002	465	0.2	0.21	33.27	0.64	7.5	5.5	7.3	0.77	142.47	0.36	1.4	0.1	0.05
2679587	361062	5287392	WGS84	406	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.411	1.258	2.495487	0.529	4000	2.3	0.0002	325	0.1	0.16	35.87	6.12	3.6	3.2	4.9	1.22	101	0.23	1.1	0.1	0.02
2679588	361049	5287370	WGS84	406	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.819	1.343	2.642712	0.474	3800	2.7	0.0002	333	0.1	0.31	39	3.47	5.3	3.1	5.8	2.03	105.09	0.29	1.2	0.2	0.09
2679589	361037	5287350	WGS84	406	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.414	1.001	1.98556	0.685	4900	2.4	0.0002	413	0.1	0.31	36.5	3.79	5.9	3.8	5.1	1.88	133.13	0.31	1.2	0.1	0.08
2679590	361019	5287332	WGS84	407	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.977	1.044	2.047982	0.613	5800	2.5	0.0002	440	0.2	0.35	34.55	8.44	6.1	5.1	6.2	1.97	162.36	0.34	1.5	0.1	0.05
2679591	361007	5287310	WGS84	407	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.019	1.097	2.193167	0.479	3300	1.5	0.0002	396	0.1	0.25	34.79	3.41	5	2.1	5.7	1.07	94.26	0.33	1.2	0.1	0.09
2679592	360987	5287293	WGS84	407	17	6-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.504	1.478	2.926501	0.267	1700	1	0.0014	240	0.1	0.46	34.73	2.18	3.3	1.3	3.3	0.46	73.58	0.19	0.7	0.1	0.05
2679594	360026	5287692	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.677	2.02	3.986029	0.207	1100	0.5	0.0004	123	0.1	0.16	37.22	1.28	2.3	0.8	2.7	0.17	55.86	0.13	0.5	0.1	0.02
2679595	360046	5287713	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.932	1.103	2.165633	0.461	3200	0.8	0.0002	441	0.1	0.24	36.89	1.18	6	2.1	6	0.6	104.41	0.31	1.1	0.1	0.07
2679596	360061	5287730	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.543	1.416	2.801575	0.878	1500	1.3	0.0002	270	0.1	0.11	38.45	2.27	3.2	1.9	2.7	0.37	92.01	0.16	0.7	0.1	0.03
2679597	360074	5287751	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.674	1.617	3.190986	0.438	1500	2.2	0.0002	140	0.1	0.11	38.65	2.43	3.2	2.1	2.9	0.25	64.79	0.15	0.6	0.1	0.05
2679598	360092	5287772	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.605	1.38	2.727003	0.402	1800	2.3	0.0009	183	0.1	0.18	36.68	2.53	3.6	1.7	3.3	0.27	78.12	0.24	0.8	0.1	0.04

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
2679599	360107	5287790	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.89	1.639	3.220672	0.194	1700	1.2	0.0002	161	0.1	0.15	37.23	2.37	3.7	1.7	2.9	0.34	58.73	0.22	0.8	0.1	0.06
2679600	360124	5287808	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_020	AcmeLabs	19-Nov-14	50.463	0.973	1.928145	0.676	2800	1.3	0.0006	351	0.1	0.29	35.19	3.8	5.7	1.7	4.7	0.71	126.23	0.3	1.2	0.1	0.09
2679601	360137	5287830	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.855	0.757	1.488546	0.573	4500	1.5	0.003	393	0.2	0.61	31.73	2.35	9.2	2.5	9.3	0.77	118.23	0.46	2.3	0.1	0.13
2679603	360156	5287849	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.897	0.904	1.776136	0.512	2800	0.5	0.0007	291	0.1	0.35	35.78	1.55	6	1.4	7	0.65	123.03	0.3	1.2	0.1	0.1
2679604	360173	5287866	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.82	1.457	2.866982	0.485	2000	0.7	0.0002	267	0.1	0.22	37.61	1.24	4	1.3	4.8	0.49	75.4	0.22	2.3	0.1	0.06
2679605	360175	5287886	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.891	1.167	2.293136	0.7	1700	0.4	0.0003	253	0.1	0.17	35.16	4.27	3.6	1.4	3.3	0.56	106.27	0.19	2.5	0.1	0.07
2679606	360199	5287909	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.435	1.579	3.130762	0.24	900	0.7	0.0002	163	0.1	0.11	36.18	7.31	2.1	1.4	1.9	0.24	76.47	0.11	2.3	0.1	0.04
2679607	360219	5287928	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.945	1.1	2.159191	0.544	1700	1.3	0.0002	180	0.1	0.23	35.55	5.07	3.9	1	3.3	0.56	128.46	0.19	2.3	0.1	0.05
2679608	360233	5287948	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.827	1.78	3.502076	0.261	1700	1.6	0.0002	104	0.1	0.32	35.13	5.17	3.7	1.5	2.8	0.4	61.09	0.19	2.1	0.1	0.04
2679609	360248	5287967	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.666	0.842	1.661864	0.567	2000	1.3	0.0007	304	0.1	0.29	34.28	5.08	4.1	1.3	4.3	0.9	135.97	0.23	2.1	0.1	0.05
2679610	360259	5287987	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.464	1.32	2.615726	0.495	2100	1.4	0.0002	152	0.1	0.29	35.64	11.31	4.5	2.3	3.7	0.65	104.09	0.23	2.5	0.1	0.05
2679611	360292	5288000	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.952	1.826	3.583765	0.18	1300	3.2	0.0002	143	0.1	0.19	36.97	4.23	3	1.3	2.4	0.38	57.34	0.16	1.9	0.1	0.05
2679612	360296	5288025	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.625	1.635	3.22963	0.289	1400	0.8	0.0002	172	0.1	0.18	36.14	8.77	3	3.7	2.5	0.56	75.39	0.16	2.2	0.1	0.07
2679613	360308	5288046	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.741	1.074	2.116632	0.569	2100	1.5	0.0005	366	0.1	0.42	34.62	6.76	3.7	1.8	3.9	0.84	124.65	0.23	3	0.2	0.06
2679615	360321	5288067	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.443	1.239	2.456238	0.799	3200	1.3	0.0006	237	0.1	0.32	33.74	16.4	3.8	2.6	3.3	1	131.88	0.21	2.7	0.1	0.05
2679616	360335	5288085	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.988	1.405	2.75555	0.351	1700	0.6	0.0002	193	0.1	0.23	37.27	6.06	2.5	2.2	2.4	1.14	99.6	0.15	2.2	0.1	0.04
2679618	360351	5288105	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.355	1.2	2.38308	0.778	1700	1.3	0.0008	269	0.1	0.28	36.51	9.95	2.9	4	2.9	0.75	123.51	0.16	2.4	0.1	0.03
2679619	360374	5288123	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.732	1.095	2.158401	0.453	1800	0.9	0.0008	244	0.1	0.25	35.12	9.74	3.2	6.7	2.9	0.75	104.44	0.19	2.6	0.1	0.05
2679620	360389	5288145	WGS84	404	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.201	1.906	3.796737	0.398	1200	2.4	0.0002	136	0.1	0.15	38.3	17.23	2.1	4.5	1.9	0.59	78.89	0.12	2.4	0.1	0.05
2679621	360399	5288164	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.536	1.21	2.394333	0.542	2300	2.2	0.0002	210	0.2	0.3	36.9	6.22	4	3.7	3.5	1.25	99.26	0.24	2.8	0.1	0.04
2679622	360418	5288185	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.436	0.984	1.950987	0.355	2600	1.5	0.0002	272	0.1	0.4	36.33	3.56	5	1.9	4.4	0.93	113.32	0.29	2.9	0.1	0.09
2679624	360433	5288202	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.345	1.953	3.879233	0.14	1200	1.1	0.0003	88	0.1	0.11	37.79	3.74	2.1	3.9	1.6	0.29	51.27	0.11	2	0.1	0.03
2679625	360448	5288223	WGS84	403	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.832	0.991	1.949559	0.658	3700	0.9	0.0006	309	0.1	0.38	34.57	7.83	4.3	4.1	4.3	1.36	114.7	0.24	2.8	0.1	0.06
2679626	360463	5288244	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.799	1.158	2.279572	0.741	2400	0.8	0.0004	282	0.1	0.29	35.92	3.5	2.9	1.5	2.7	1.27	115.92	0.15	2	0.1	0.04
2679627	360479	5288261	WGS84	402	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.726	1.078	2.125143	0.677	3000	3.2	0.0008	314	0.1	0.52	36.99	5.71	4.6	2.7	4.3	1.4	119.27	0.27	2.6	0.3	0.05
2679628	360497	5288281	WGS84	401	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.829	1.089	2.142478	0.669	2200	1.6	0.0002	326	0.1	0.51	35.99	7.48	4.7	2.7	4	1.13	105.92	0.25	3	0.2	0.06
2679629	360514	5288301	WGS84	401	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.655	1.641	3.239562	0.348	2000	3	0.0002	235	0.1	0.35	36.82	2.64	3.6	1.6	3.6	0.52	77.91	0.21	2.5	0.1	0.09
2679630	360525	5288322	WGS84	401	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.453	1.15	2.279349	0.721	3500	2.3	0.0002	309	0.1	0.35	38.15	1.14	6.5	1.7	7.3	0.66	107.58	0.41	2.9	0.1	0.14
2679631	360543	5288340	WGS84	401	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.662	1.212	2.392326	1.128	2800	1.6	0.0002	398	0.1	0.33	38.26	1.84	5.8	1.5	4.5	0.62	115.3	0.31	2.7	0.1	0.14
2679632	360556	5288353	WGS84	400	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.606	0.989	1.954314	0.668	3100	1.8	0.0005	322	0.1	0.49	35.7	5.4	6.3	1.7	5.4	0.88	114.61	0.35	2.6	0.1	0.08
2679634	360571	5288380	WGS84	400	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.932	1.059	2.079243	0.465	2600	2.7	0.0019	418	0.1	0.37	33.34	4.52	4.5	1.5	4.6	0.67	115.57	0.28	1.4	0.4	0.09
2679635	360586	5288399	WGS84	400	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.313	0.924	1.836503	0.553	3200	2.7	0.0013	399	0.4	0.42	32.75	4.69	5.8	2.7	6.3	0.88	137.99	0.33	1.5	0.3	0.1
2679636	360600	5288422	WGS84	399	17	7-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.907	0.75	1.473275	1.229	3400	2.4	0.0009	501	0.1	0.42	32.84	3.07	6.7	7.2	5.3	2.34	187.28	0.34	1.4	0.1	0.1
2679637	360762	5288298	WGS84	399	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.661	0.725	1.431081	0.715	3300	2.4	0.0011	558	0.1	0.47	32.14	2.9	6.4	1.6	6	1	175.15	0.35	1.7	0.3	0.11
2679638	360738	5288276	WGS84	399	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.606	1.064	2.102517	0.488	2200	1.7	0.0002	326	0.1	0.31	34.68	3.48	3.8	3.4	3.5	0.89	125.97	0.22	1.5	0.2	0.07
2679639	360724	5288262	WGS84	399	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.704	0.515	1.015699	1.283	4600	1.5	0.0038	463	0.5	0.38	30.08	5.44	7.8	3.3	6.6	1.32	213.03	0.41	2	0.3	0.04
2679640	360717	5288237	WGS84	400	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.549	1.415	2.799264	0.279	3500	6.6	0.0002	235	0.1	0.69	35.25	3.39	5.7	2.1	5.3	0.58	89.44	0.34	1.9	0.5	0.09
2679641	360705	5288214	WGS84	400	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.357	1.337	2.655043	0.19	3500	2.8	0.0007	199	0.1	0.42	35.45	1.95	6	2.4	5.1	0.54	76.95	0.31	1.7	0.1	0.19
2679642	360681	5288201	WGS84	400	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.106	1.278	2.550593	0.268	2100	4.9	0.0002	221	0.1	0.3	34.35	1.48	3.6	1.8	3.1	0.43	91.95	0.22	1.3	0.1	0.09
2679643	360673	5288177	WGS84	401	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.717	0.806	1.589211	0.34	3300	10.8	0.0025	305	0.1	0.56	31.39	5.19	5.9	2.6	5.9	0.7	126.39	0.33	1.6	0.2	0.1
2679644	360648	5288162	WGS84	401	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.986	0.911	1.786765	0.402	3900	9.9	0.0002	352	0.2	0.71	32.25	4.83	7.2	2.8	6.2	0.84	139.34	0.4	2	0.5	0.08
2679646	360636	5288139	WGS84	402	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.896	2.151	4.226265	0.07	1000	2.3	0.0002	152	0.1	0.05	36.41	0.84	1.9	1.1	1.7	0.26	47.84	0.11	0.8	0.3	0.04
2679647	360624	5288127	WGS84	402	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.509	2.182	4.320022	0.037	600	2.4	0.0002	183	0.1	0.04	37.15	0.63	1.2	0.8	1.3	0.22	42.84	0.08	0.5	0.1	0.02
2679648	360602	5288101	WGS84	403	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.552	2.409	4.76539	0.11	1200	2.4	0.0002	156	0.1	0.13	37.53	2.12	2.3	1.1	1.6	0.41	54.14	0.12	0.7	0.1	0.04
2679649	360569	5288065	WGS84	404	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.485	1.47	2.911756	0.369	1400	3.5	0.0002	267	0.1	0.15	36.31	3.48	2.1	1.3	1.9	0.72	133.49	0.13	0.7	0.1	0.02
2679650	360561	5288038	WGS84	404	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.671	1.052	2.076138	1.241	1600	0.4	0.0008	349	0.1	0.15	35.15	8.05	3	3.9	2.6	0.95	196.06	0.17	1	0.1	0.08
2679651	360539	5288023	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.679	0.976	1.925847	0.588	1400	1.2	0.0002	360	0.1	0.07	35.27	1.97	2.3	5.7	2.2	0.79	138.57	0.13	0.9	0.1	0.07
2679652	360529	5288002	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.663	1.008	1.989618	0.965	1800	1.5	0.0027	425	0.1	0.15	33.8	2.99	2.7	6.5	2.9	0.94	179.93	0.21	1	0.1	0.08
2679653	360512	5287985	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.686	0.929	1.832853	0.862	2000	2.5	0.0002	377	0.2	0.19	35.4	10.15	2.5	4.3	2.5	0.45	223.99	0.16	1.2	0.1	0.04
2679654	360498	5287962	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.321	2.007	3.988395	0.148	1400	1.6	0.0002	197	0.1	0.05	34.41	3.38	1.3	2	0.9	0.27	96	0.06	0.7	0.2	0.02
2679655	360476	5287950	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.617	2.33	4.603197	0.162	1600	0.4	0.0002	155	0.1	0.04	38.02	6.7	1.2	2	1.1	0.31	72.7	0.06	0.6	0.1	0.04
2679656	360467	5287923	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.702	1.418	2.796734	0.238	2500	2.3	0.0002	276	0.1	0.16	36.12	2.47	2.4	5.7	3	0.38	86.74	0.18	1.4	0.1	0.03
2679657	360451	5287903	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.725	1.027	2.024643	0.895	3200	1.5	0.0011	422	0.1	0.24	34.45	11.37	3.4	7.2	3.2	0.49	134.34	0.21	1.6	0.1	0.05
2679658	360438	5287885	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.812	1.012	1.991656	0.927	2100	1.9	0.0007	387	0.1	0.19	35.32	6.35	2.8	5.9	3.3	0.38	131.93	0.2	1.2	0.1	0.05
2679659	360420	5287865	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.429	1.367	2.710742	0.464	2200	2	0.0002	232	0.1	0.17	36.56	6.38	2.4	3.7	2.2	0.21	71.77	0.16	1.2	0.1	0.04
2679660	360402	5287846	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.514	1.572	3.112009	0.519	1400	2.8	0.0002	218	0.1	0.09	36.35	10.64	2.3	4	1.7	0.27	95.42	0.16	1.2	0.1	0.03
2679661	360973	5287274	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.862	1.3	2.555936	0.573	3800	1	0.0003	241	0.2	0.27	34.8	3.89	4.3	2.7	3.7	0.81	99.61	0.21	1.5	0.3	0.06
2679662	360956	5287253	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.934	1.222	2.399183	0.43	2100	1.6	0.0003	232	0.1	0.06	35.72	3.87	2	2.2	1.8	0.45	80.7	0.11	0.9	0.1	0.02
2679663	360936	5287235	WGS84	409	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.374	1.015	2.014928	1.173	2300	1.6	0.0002	322	0.1	0.19	35.01	5.19	3	2.9	2.9	0.81	128.53	0.18	1.3	0.1	0.04
2679665	360924	5287214	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.507	0.904	1.789851	0.755	3000	1.6	0.0009	336	0.1	0.43	33.02	4.45	4.6	2.6	5.9	1.94	144.86	0.32	1.3	0.1	0.1
2679666	360907	5287200	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.785	0.945	1.860786	0.61	2600	1.3	0.0002	416	0.1	0.23	33.75	5.65	3.9	3.6	4.6	1.07	146.57	0.24	1.5	0.1	0.03
2679667	360892	5287175	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.047	1.288	2.573581	0.578	2700	1.5	0.0002	262	0.1	0.22	35.01	5.82	3.6	3.5	3.2	0.69	106.07	0.22	1.5	0.1	0.06
2679668	360880	5287156	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.363	0.81	1.608324	1.18	3300	1.2	0.0008	414	0.1	0.32	32.86	3.84	5.3	2.1	5.8	1.52	164.84	0.31	1.8	0.1	0.07
2679669	360868	5287133	WGS84	408	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.522	1.337	2.646372	0.511	3600	3.6	0.0002	260	0.1	0.35	33.96	8	5.9	2.9	5.1	0.97	95.28	0.32	1.7	0.1	0.06

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
2679670	360848	5287114	WGS84	407	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.712	2.307	4.549219	0.324	1300	2.1	0.0002	184	0.1	0.24	32.61	7.39	2.8	3	1.6	0.36	45.36	0.13	1.1	0.2	0.03
2679671	360835	5287096	WGS84	407	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.495	1.403	2.778493	0.433	1700	1.4	0.0002	225	0.1	0.16	22.6	4.65	2.6	2.1	1.9	0.63	59.04	0.12	1.6	0.1	0.03
2679672	360816	5287075	WGS84	406	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.302	1.049	2.085404	0.609	3100	1.7	0.0002	355	0.1	0.2	35.67	12.29	4.2	3.6	3.4	1.08	104.87	0.18	3.3	0.2	0.05
2679673	360796	5287058	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.084	1.082	2.160371	0.566	5100	2	0.0002	323	0.1	0.32	37.02	6.79	7.1	3.9	4.6	1.46	142.81	0.29	2.8	0.2	0.07
2679675	360779	5287045	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.668	1.26	2.486777	0.808	4400	2.8	0.0002	160	0.1	0.61	20.68	7.96	8.2	3.8	5.5	2	104.77	0.36	2.2	0.3	0.04
2679676	360770	5287019	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.464	1.254	2.48494	0.535	3100	1.8	0.0006	258	0.3	0.29	36.93	14.71	6.5	5.7	4.5	1.35	122.33	0.28	3	0.1	0.07
2679677	360759	5286997	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.538	1.452	2.873086	0.532	4900	2.7	0.0022	258	0.1	0.48	32.96	4.66	10.4	3.3	9.4	1.12	106.57	0.47	3.1	0.2	0.1
2679678	360738	5286976	WGS84	405	17	8-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.741	1.192	2.349185	0.341	1800	1.9	0.0002	295	0.1	0.23	38.52	3.72	4.3	2.1	3	0.67	100.61	0.18	2.4	0.1	0.04
2679679	360597	5287440	WGS84	407	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.891	1.653	3.248119	0.571	2200	1.6	0.0002	121	0.3	0.19	37.46	6.31	4.2	2.2	2.2	0.62	97.6	0.16	1.9	0.1	0.05
2679680	360582	5287424	WGS84	407	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.29	1.15	2.286737	0.672	2800	1.9	0.0002	253	0.1	0.37	36.41	2.7	6.4	2.1	4.6	0.7	104.39	0.27	2.2	0.2	0.09
2679681	360563	5287399	WGS84	406	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.267	1.311	2.608073	0.343	1700	2.5	0.0005	225	0.1	0.28	38.07	3.21	4.3	1.7	3.6	0.47	86.19	0.18	1.6	0.2	0.07
2679682	360547	5287383	WGS84	406	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.218	1.206	2.401529	0.726	1800	2.4	0.0002	249	0.2	0.39	37.69	6.49	4.8	2.1	3.2	0.48	102.21	0.21	1.9	0.2	0.09
2679684	360540	5287357	WGS84	406	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.951	1.545	3.032325	0.278	2800	2.1	0.0005	203	0.1	0.17	40	14.98	3.5	3.2	2	1.06	80.97	0.14	2.1	0.1	0.04
2679685	360518	5287343	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.539	1.319	2.609866	0.673	3100	5.5	0.0002	182	0.2	0.4	38.35	6.66	6.5	3.1	4	1.2	125.45	0.29	2.2	0.1	0.1
2679686	360504	5287321	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.704	0.936	1.846008	0.82	4700	6.3	0.0002	382	0.1	0.42	36.4	10.71	6.1	6	4.3	1.46	185.78	0.29	3.1	0.1	0.07
2679687	360488	5287305	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.692	0.843	1.662984	0.748	3700	4.9	0.0002	463	0.1	0.35	36.87	5.4	5.4	5.5	4.4	0.92	149.62	0.27	3	0.1	0.07
2679688	360474	5287282	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.842	0.729	1.433854	1.343	5100	2.7	0.0002	398	0.1	0.66	35.7	7.47	7.8	8.1	6.6	2.72	229.36	0.39	3.2	0.1	0.12
2679689	360459	5287264	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.851	1.034	2.033392	0.704	4400	8.1	0.0002	283	0.1	0.67	34.78	11.37	7.3	4.5	6	1.18	150.12	0.38	4.2	0.1	0.1
2679690	360441	5287245	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.253	1.262	2.511293	0.801	2900	4.2	0.0002	317	0.1	0.55	36.79	6.55	5.6	3.4	4.7	1.12	122.84	0.26	3.1	0.2	0.09
2679691	360430	5287219	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.994	1.447	2.837589	0.456	1300	1.7	0.0002	255	0.1	0.25	40	3.94	3.8	1.8	2.3	0.33	82.04	0.17	1.8	0.1	0.06
2679692	360412	5287204	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.686	2.216	4.372016	0.16	1300	1.1	0.0002	97	0.1	0.23	40	3.42	4	1.4	2.8	0.32	40.33	0.14	1.4	0.1	0.06
2679694	360398	5287186	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.559	1.372	2.713661	0.423	4100	3.3	0.009	288	0.2	0.75	38.62	3.79	7.9	4.5	6.3	1.19	67.08	0.4	3.6	0.3	0.13
2679695	360379	5287167	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.693	1.102	2.17387	0.395	3200	4	0.0002	323	0.1	0.38	37.92	8.95	5.6	3.4	5.9	0.98	103.25	0.28	2.7	0.1	0.09
2679696	360365	5287144	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.237	0.939	1.86914	0.401	6000	4.5	0.0002	231	0.2	0.5	34.92	7.51	7.3	4.3	7.1	1.14	109.32	0.42	3.3	0.1	0.07
2679697	360344	5287132	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.08	1.269	2.533946	0.268	2900	3.9	0.0002	267	0.1	0.2	37.38	14.34	4.2	3	3.4	0.43	69.13	0.19	3.3	0.1	0.04
2679698	360334	5287104	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.202	1.094	2.179196	0.42	5100	4.4	0.0002	300	0.1	0.51	36.53	4.83	6.7	3.9	6.1	0.9	98.24	0.34	3	0.2	0.1
2679699	360313	5287091	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.716	1.206	2.377948	0.438	3900	4.8	0.0002	220	0.1	0.38	38.2	5.5	5.8	2.8	4	0.68	88.11	0.26	2.5	0.1	0.07
2679700	360297	5287070	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.159	1.134	2.260811	0.411	2200	1.7	0.0002	181	0.2	0.16	40	4.95	3.2	2.6	3	0.33	73.22	0.13	2.1	0.1	0.05
2679701	360291	5287045	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.075	1.02	2.036945	0.621	3400	6.3	0.0002	299	0.1	0.45	35.99	5.32	6.9	4.3	7	0.87	111.08	0.37	3.3	0.1	0.09
2679703	360275	5287024	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.12	1.4	2.793296	0.475	3100	7.3	0.0002	240	0.2	0.44	38.86	4.46	6.3	2.7	4.8	0.68	87.07	0.3	2.6	0.2	0.09
2679704	360257	5287009	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.585	1.351	2.670752	0.702	5400	9.4	0.0002	212	0.1	0.49	35.46	6.29	6.6	4.6	6.1	1.08	111.36	0.32	2.9	0.3	0.07
2679705	360243	5286988	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.642	0.675	1.332886	0.732	5100	3.6	0.0011	351	0.1	0.68	30.89	9.92	6.9	4.5	7.2	1.91	159.04	0.38	1.4	0.2	0.07
2679706	360227	5286966	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.631	0.864	1.706464	0.9	4800	3	0.0013	324	0.1	0.65	31.44	9.98	7.4	3.9	5.9	1.89	151.04	0.36	1.3	0.3	0.08
2679707	360213	5286949	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.928	1.124	2.207037	0.702	3900	3.9	0.0005	289	0.1	0.63	33.84	8.39	6.2	3.9	5.2	0.86	110.93	0.32	1	0.2	0.09
2679708	360196	5286930	WGS84	404	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.599	0.951	1.879484	1.15	3700	4.7	0.0007	290	0.1	0.73	29.03	3.83	7.2	3.6	6.6	0.9	142.02	0.4	1.3	0.4	0.06
2679709	360179	5286906	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.138	1.216	2.425306	0.406	2800	3.8	0.0005	252	0.1	0.27	34.49	13.08	3.9	5	3.9	0.89	89.11	0.19	0.9	0.2	0.05
2679710	360164	5286889	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.818	0.853	1.678539	0.904	2200	3.8	0.0006	267	0.1	0.26	34.36	17.89	3.7	3.6	4.5	1.07	159.83	0.17	0.6	0.1	0.04
2679711	360145	5286871	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.453	0.953	1.888887	0.739	2900	3.1	0.0012	293	0.1	0.44	32.46	9.17	5.7	3.4	6.1	1.94	137.44	0.32	1.1	0.2	0.07
2679712	360136	5286852	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.772	1.327	2.613645	0.369	3500	3.5	0.0002	221	0.1	0.48	33.74	4.47	5.5	3.9	5.6	1.41	78.44	0.29	1	0.1	0.08
2679714	360120	5286830	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.631	1.11	2.192333	0.415	2300	2.6	0.0012	309	0.1	0.39	36.71	4.93	4.8	3.1	5.6	0.72	97.66	0.24	0.7	0.1	0.08
2679715	360100	5286809	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.35	1.028	2.041708	0.309	2800	2.7	0.0011	218	0.1	0.52	35.75	4.85	6.9	3.1	6.8	0.5	94.85	0.34	1.1	0.3	0.1
2679716	360087	5286791	WGS84	405	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.894	1.552	3.049475	0.173	1900	3.9	0.0011	170	0.2	0.37	36.61	2.67	5	2.3	4.4	0.38	75.25	0.26	0.8	0.2	0.07
2679718	360559	5286739	WGS84	408	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.573	1.339	2.647658	0.281	2700	2.1	0.001	169	0.1	0.37	34.53	5.06	6.4	2.6	5.6	0.39	86.09	0.29	0.9	0.1	0.07
2679719	360543	5286721	WGS84	408	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.636	1.588	3.136109	0.21	1500	1.5	0.0008	191	0.1	0.14	37.49	2.9	3.2	2.3	3	0.2	70.28	0.14	0.5	0.1	0.03
2679720	360523	5286704	WGS84	409	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.364	0.79	1.568581	0.584	3400	2.3	0.0003	385	0.1	0.46	35.37	3.25	7.1	3	6.3	0.61	114.26	0.34	1.2	0.1	0.11
2679721	360512	5286682	WGS84	409	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.502	1.076	2.130609	0.395	2600	1.4	0.0007	210	0.1	0.25	36.83	7.15	4.5	3	4.5	0.52	99.24	0.2	0.7	0.1	0.06
2679722	360492	5286663	WGS84	409	17	9-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.913	0.883	1.734331	0.415	4600	3.2	0.0002	348	0.1	0.69	35.68	4.49	9.4	4	8.4	1.68	111.35	0.5	1.8	0.2	0.05
2679724	360390	5286538	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.918	1.012	1.987509	0.6	4300	2	0.001	258	0.2	0.41	34.8	12.71	6.9	4.3	6.5	2.15	139.49	0.31	1	0.2	0.07
2679725	360393	5286567	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.41	1.107	2.195993	0.565	3000	1.6	0.0002	252	0.1	0.14	35.7	12.58	2.8	2.4	3.1	0.81	173.06	0.12	0.6	0.1	0.04
2679726	360396	5286594	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.38	1.015	2.014688	0.757	4300	1.8	0.0006	273	0.1	0.51	34.81	6.17	5.8	3.9	5.1	2.79	146.79	0.29	1	0.2	0.06
2679727	360393	5286617	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.703	0.753	1.485119	1.609	4400	2.1	0.0011	361	0.1	0.56	32.14	9.67	6.2	4.1	5.5	3.59	207.93	0.32	1.3	0.2	0.08
2679728	360397	5286642	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.806	0.752	1.48014	1.062	5300	2.5	0.0007	306	0.1	0.73	31.57	3.18	9.6	2.6	7.3	3.19	135.85	0.52	1.7	0.2	0.08
2679729	360397	5286666	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.755	0.787	1.550586	0.905	5100	1.8	0.0016	334	0.1	0.58	32.35	2.88	8.7	2.8	9	2.06	158.32	0.47	1.6	0.2	0.06
2679730	360402	5286687	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.647	1.416	2.795822	0.394	2400	2.5	0.0006	205	0.1	0.41	35.62	4.89	5.9	2.8	4.8	0.83	93.28	0.28	1	0.2	0.09
2679731	360393	5286720	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.418	1.846	3.661391	0.515	1900	2	0.001	174	0.1	0.28	37.26	10.74	4.4	3.3	3.5	0.67	93.56	0.22	0.7	0.1	0.05
2679732	360396	5286747	WGS84	408	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.841	1.033	2.031825	0.548	3000	5.4	0.0011	190	0.1	0.41	34.49	6.36	6	2.9	4.9	1.09	111.33	0.29	0.9	0.1	0.08
2679734	360399	5286768	WGS84	408	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.574	1.645	3.252659	0.336	1600	1.4	0.0002	129	0.1	0.18	37.37	4.82	2.9	2.6	3.4	0.44	78.63	0.13	0.5	0.1	0.02
2679735	360399	5286792	WGS84	407	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.532	0.786	1.55545	1.39	3200	1.1	0.0004	299	0.1	0.52	34.15	6.53	5.1	2.8	4.6	2.24	159.35	0.27	1.1	0.2	0.08
2679736	360395	5286818	WGS84	407	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.442	0.756	1.498751	0.911	4700	6.8	0.0002	262	0.1	0.89	31.83	10.48	9.4	5.1	7.2	1.29	198.52	0.52	2	0.2	0.06
2679737	360397	5286844	WGS84	407	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.662	0.913	1.80214	0.654	4000	1.4	0.0017	318	0.1	0.32	33.92	20.62	4.2	6.5	4	0.92	163.08	0.21	0.8	0.1	0.05
2679738	360399	5286865	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.62	1.414	2.793362	0.459	1400	0.1	0.0002	154	0.1	0.1	36.73	6.56	2.2	2.3	2.1	0.69	85.47	0.09	0.4	0.1	0.02
2679739	360403	5286888	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.879	1.603	3.150612	0.257	1700	1.2	0.0002	159	0.1	0.2	37.27	7.85	3.4	3	2.6	0.51	65.19	0.14	0.6	0.1	0.04
2679740	360391	5286916	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.694	1.186	2.339527	0.435	1600	1.6	0.0002	239	0.1	0.24	34.9	9.2	3.5	3.3	3.7	0.67	77.13	0.18	0.9	0.1	0.03
2679741	360372	5286958	WGS84	405	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.738	1.026	2.022153	0.577	3000	1.6	0.0027	273	0.1	0.33	36.45	12.21	4.8	3.9	3.8	0.95	144.07	0.21	2.4	0.3	0.02

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	ShipmentNo	LabCode_D	RetDate_D	WgtPreAsh_g	WgtAsh_g	Ash_pct	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm
2679742	360726	5286956	WGS84	405	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.76	1.009	1.987786	0.685	2900	1.7	0.0013	329	0.1	0.51	37.05	4.06	6.2	2	4.5	1.15	134.55	0.28	2.8	0.2	0.04
2679744	360714	5286935	WGS84	405	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.656	0.989	1.952385	1.01	3900	2	0.0025	223	0.1	0.79	34.38	7.63	9.7	2.7	8.7	1.63	140.33	0.45	4.6	0.3	0.09
2679745	360693	5286911	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.261	1.22	2.427329	0.674	1600	0.8	0.0005	263	0.1	0.3	39.23	2.28	4.1	1.3	2.8	0.51	99.08	0.17	2.4	0.3	0.04
2679746	360685	5286892	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.507	1.03	2.039321	0.578	1600	0.4	0.0016	334	0.1	0.27	38.71	1.58	4.1	0.8	3.9	0.75	109.75	0.19	2.2	0.1	0.03
2679747	360669	5286870	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.682	0.972	1.917841	0.721	3100	2.8	0.0059	361	0.3	0.54	34.57	4.66	6.5	1.8	6.3	1.18	115.47	0.32	4.1	0.1	0.06
2679748	360643	5286850	WGS84	406	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.548	1.265	2.502572	0.297	1000	0.9	0.0019	225	0.1	0.13	38.43	5.18	2.8	2.5	2.2	0.28	68.58	0.1	2.7	0.1	0.04
2679749	360628	5286832	WGS84	407	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.831	1.08	2.124688	0.546	2900	1.8	0.0015	254	0.1	0.57	37.28	5.33	7.1	2.3	5.1	0.74	110.77	0.33	3.5	0.2	0.05
2679750	360620	5286822	WGS84	407	17	10-Oct-14	Spruce Bark	ROL_2014_021	AcmeLabs	18-Nov-14	50.593	1.179	2.330362	0.603	3200	3.3	0.0024	246	0.2	0.75	35.26	4.65	7.8	1.9	6.2	0.75	106.87	0.41	3.7	0.1	0.07
2679751	360603	5286792	WGS84	408	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.317	1.203	2.390842	0.513	3000	1.5	0.001	290	0.1	0.59	36.18	2.85	6.7	1.4	5.8	0.57	99.42	0.33	2	0.1	0.08
2679752	360584	5286772	WGS84	408	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.964	1.744	3.422023	0.303	1800	1.4	0.0002	194	0.1	0.22	37.77	6.92	3.4	1.3	3	0.44	66.61	0.16	2.5	0.1	0.05
2679753	360576	5286752	WGS84	408	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.301	1.332	2.648059	0.375	2200	2.1	0.0013	223	0.1	0.38	38.08	5.39	5.6	5	4.1	0.57	73.85	0.22	2.1	0.1	0.08
2679754	360481	5286643	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.214	1.026	2.043255	0.542	5800	2.7	0.0004	463	0.1	0.54	34.4	5.82	6.5	3.9	6.6	1.34	116.84	0.31	3.2	0.1	0.06
2679755	360468	5286622	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.108	1.026	2.047577	0.871	3400	1.9	0.0006	448	0.2	0.38	34.37	6.39	4.8	3	4.8	1.49	124.99	0.24	2.8	0.1	0.04
2679756	360449	5286605	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.221	0.884	1.76022	0.544	8300	3.4	0.0012	328	0.1	1.01	30.22	3.19	11.1	3.1	9.2	4.86	112.37	0.59	3.9	0.3	0.12
2679757	360437	5286583	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.499	1.109	2.196083	0.67	5200	3.6	0.0002	369	0.1	0.74	34.22	5.97	9	4.2	6.8	1.1	121.23	0.41	3.6	0.1	0.08
2679758	360419	5286564	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.203	0.723	1.440153	0.645	8600	4.2	0.0013	438	0.1	1.02	31.22	5.25	14.4	4.7	11.9	3.42	134.73	0.68	4.4	0.4	0.05
2679759	360407	5286544	WGS84	409	17	10-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.3	0.942	1.872763	0.532	7500	2.7	0.0017	415	0.1	0.76	32.94	5.67	8.5	5	8.1	1.47	151.38	0.47	3.5	0.1	0.09
2679760	361642	5287562	WGS84	399	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.873	1.153	2.266428	0.532	2100	2.7	0.0006	335	0.1	0.38	36.74	5.34	4.6	2.3	6.8	0.52	115.89	0.24	3.2	0.1	0.07
2679761	361635	5287535	WGS84	399	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.563	0.77	1.522853	0.724	2600	2.5	0.0011	390	0.1	0.43	35.21	2.73	5.9	1.9	6.6	0.57	117.21	0.29	2.6	0.1	0.07
2679762	361614	5287520	WGS84	399	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.681	1.624	3.204357	0.265	1500	2.2	0.0002	200	0.1	0.25	38.54	1.68	3.8	1.5	3.4	0.43	61.39	0.17	1.5	0.1	0.06
2679763	361597	5287504	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.449	1.298	2.572895	0.41	2200	2.7	0.0006	340	0.1	0.35	37.82	4.13	4.1	3.5	3.9	0.69	95.82	0.2	2.4	0.1	0.06
2679765	361583	5287487	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.194	0.928	1.848827	0.68	3600	2.5	0.0015	442	0.1	0.38	35.63	4.24	4.3	2.3	4.3	2.56	125.6	0.19	2.4	0.2	0.06
2679766	361566	5287463	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.049	0.756	1.51052	0.527	5200	2.4	0.0007	526	0.1	0.69	34.7	3.81	8.2	3.4	9.3	1.5	118.34	0.45	3.1	0.1	0.09
2679767	361551	5287444	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.377	1.493	2.963654	0.467	3000	2.6	0.0008	194	0.2	0.27	38.45	1.2	4.1	1.8	4	0.84	66.16	0.19	1.9	0.1	0.03
2679768	361537	5287422	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.383	1.321	2.621916	0.432	1900	2.3	0.0012	340	0.1	0.34	39.66	0.74	4.1	1.4	4.3	0.36	67.02	0.22	2.1	0.1	0.05
2679769	361523	5287403	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.604	0.9	1.778516	0.429	2500	2.2	0.0007	350	0.1	0.39	37.5	2.36	5.7	1.6	6.4	0.52	93.61	0.29	1.9	0.1	0.08
2679770	361506	5287384	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.619	1.164	2.299532	0.635	2200	3.3	0.0005	344	0.1	0.45	38.52	5.28	5.9	3.9	4.8	0.86	130.03	0.27	2.2	0.1	0.07
2679771	361490	5287363	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.158	0.844	1.682683	1.173	2300	2.3	0.0002	506	0.1	0.29	37.37	1.86	3.2	6	4	1.73	135.97	0.17	2.2	0.1	0.05
2679772	361477	5287344	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.116	1.92	3.831112	0.441	2600	1.1	0.0008	233	0.1	0.1	40	1.03	2.9	4.2	2.9	0.65	68.45	0.09	2	0.1	0.03
2679773	361458	5287323	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.155	1.874	3.736417	0.229	2900	1.5	0.0002	223	0.3	0.1	37.75	0.62	4.5	2.6	6.8	0.71	57.92	0.2	1.8	0.1	0.04
2679775	361446	5287305	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.602	0.878	1.735109	0.635	2800	4.8	0.0008	539	0.1	0.28	34.62	3.05	6.5	6.4	11.8	0.61	87.16	0.28	1.8	0.1	0.05
2679776	361424	5287281	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.289	0.822	1.634552	0.667	2700	2.3	0.0002	586	0.1	0.25	35.54	2.78	4.5	9.2	7	0.68	142.56	0.23	2.3	0.1	0.04
2679777	361413	5287265	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.806	1.774	3.491714	0.153	1300	2.4	0.0002	257	0.2	0.1	40	0.55	2.9	0.7	3.9	0.23	44.23	0.13	1.7	0.1	0.03
2679778	361399	5287247	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.356	0.88	1.747557	0.432	2800	3.9	0.0002	474	0.1	0.23	38.93	0.65	6	1.9	8.7	0.54	94.2	0.27	2.1	0.1	0.09
2679779	361381	5287227	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.689	1.39	2.742212	0.542	1200	1.3	0.0002	246	0.1	0.18	40	5.4	2.8	1	3	0.31	99.72	0.12	1.5	0.1	0.07
2679780	361366	5287207	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.044	1.15	2.297978	0.583	2400	3	0.0009	214	0.1	0.36	37.05	3.87	7	2	5.5	0.46	134.38	0.35	2.7	0.1	0.06
2679781	361352	5287187	WGS84	400	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.195	1.031	2.053989	0.499	2600	1.9	0.0013	346	0.1	0.33	36.54	2.68	6.1	1.7	5.9	0.88	114.49	0.29	2.6	0.1	0.05
2679782	361338	5287165	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.605	0.865	1.709317	0.407	4300	2.3	0.0009	320	0.2	0.61	35.3	2.75	9.9	2.5	9.1	1.55	127.79	0.47	3.2	0.1	0.08
2679784	361323	5287147	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.8	0.859	1.690945	0.566	3500	2.1	0.0021	383	0.3	0.62	32.71	4.25	8.2	2.3	9	0.85	145.47	0.37	2.7	0.2	0.08
2679785	361308	5287126	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.208	1.144	2.278521	0.749	2000	1.9	0.0013	271	0.1	0.38	36.81	6.22	4.4	1.8	4.6	0.96	131.85	0.23	2.4	0.1	0.03
2679786	361290	5287110	WGS84	401	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.668	0.939	1.853241	0.518	3900	1.5	0.0002	372	0.1	0.55	34.46	10.51	6.4	3.1	5.6	2.54	135.75	0.29	2.4	0.1	0.07
2679787	361273	5287086	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.831	1.356	2.667663	0.375	2600	2.5	0.0002	213	0.1	0.23	37.7	14.57	3.2	2.9	3.1	0.93	131.05	0.14	2.4	0.1	0.02
2679788	361256	5287070	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.354	1.251	2.48441	0.45	3100	1.2	0.0009	252	0.1	0.27	35.86	7.31	5.3	4.6	5.4	0.78	120.69	0.2	2.4	0.1	0.02
2679789	361245	5287046	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.634	0.711	1.404195	0.75	7900	1.5	0.0058	447	0.1	0.43	33.56	6.65	6.3	4.4	7.9	3.38	212.36	0.35	2.4	0.1	0.06
2679790	361230	5287030	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.908	1.285	2.524161	0.622	3000	1.9	0.001	261	0.3	0.28	38.33	7.9	4.6	3.8	4.8	0.62	107.36	0.21	2.5	0.1	0.06
2679791	361213	5287011	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.186	1.058	2.108158	0.7	2400	1.3	0.0006	301	0.1	0.41	36.3	3.03	5.8	1.9	5.1	1.06	136.89	0.26	1.9	0.1	0.07
2679792	361198	5286990	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.653	1.039	2.051211	0.636	2700	2	0.0003	344	0.1	0.5	33.56	3.98	6	2.1	6.3	0.59	122.7	0.27	2.7	0.1	0.06
2679794	361181	5286971	WGS84	402	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.127	0.877	1.749556	0.668	3500	1.8	0.0094	310	0.1	0.73	33.85	4.24	8.4	2.6	8.5	1.36	124.2	0.41	3.1	0.2	0.06
2679795	361168	5286949	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.995	1.886	3.698402	0.357	2200	1.7	0.0004	232	0.1	0.51	36.47	2.21	5.4	1.6	4.6	0.44	72.39	0.23	2.1	0.1	0.04
2679796	361147	5286932	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.615	1.242	2.453818	0.382	1500	1.4	0.0006	233	0.1	0.26	38.06	3.03	4	2.3	4.2	0.36	91.56	0.17	2.1	0.1	0.03
2679797	361141	5286908	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.602	1.032	2.039445	0.802	5100	0.8	0.0003	321	0.1	0.35	35.17	5.55	6.4	7.2	6.2	1.03	160.4	0.31	2.8	0.1	0.04
2679798	361129	5286887	WGS84	403	17	11-Oct-14	Spruce Bark	ROL_2014_022	AcmeLabs	18-Nov-14	50.298	0.926	1.841027	0.761	5300	1.8	0.0008	394	0.1	0.49	35.25	3.78	8	4	7.5	2.87	146.91	0.35	2.7	0.2	0.07

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731601	0.03	2.53	1.4	14.1	0.7	0.7411	0.8	0.141	0.15	8.8	0.589	44.06	10	2	75.1	0.001	0.43	0.58	0.9	1.6	0.5	572.2	0.05	0.02	0.1	50	0.02	0.1	5	0.1	0.86	1933	1.3
1731603	0.02	0.98	0.7	5.7	0.44	0.3368	0.22	0.066	0.05	3.1	0.209	10.55	10	2	27.2	0.003	0.35	0.16	0.4	0.9	0.2	815.7	0.05	0.02	0.1	10	0.02	0.1	2	0.1	0.33	1257.1	0.5
1731604	0.02	1.14	0.7	6.5	0.59	0.6688	0.3	0.109	0.08	7.8	0.391	13.05	10	2	37.8	0.002	0.48	0.24	0.5	0.2	0.2	586.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.39	1575	0.7
1731605	0.02	1.45	1.3	14.5	0.85	1	0.35	0.145	0.12	14.8	0.625	17.99	10	2	36.5	0.006	0.63	0.48	0.8	0.8	0.5	580.2	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.7	1593	1.3
1731606	0.02	1.28	1.2	10.9	0.41	0.4929	0.4	0.116	0.12	5.4	0.387	22.84	10	2	33.2	0.007	0.58	0.51	0.8	0.5	0.5	793.8	0.05	0.03	0.2	40	0.02	0.1	3	0.1	0.68	1394.4	1.1
1731607	0.05	2.2	3.2	66.4	1.06	1	1.07	0.377	0.25	19.7	1.23	42.56	10	4	67.9	0.006	1.23	1.69	1.9	1.3	1.2	703.1	0.05	0.03	0.7	80	0.02	0.2	8	0.2	1.85	1707.1	2.3
1731608	0.02	2.12	1.6	21.4	0.99	1	0.59	0.209	0.18	13.3	0.749	47.78	10	3	74.4	0.005	0.86	0.64	1.2	1.4	0.7	1025.7	0.05	0.04	0.3	60	0.02	0.1	5	0.1	0.81	2699.9	1.8
1731609	0.02	0.72	1	7.9	0.79	1	0.15	0.082	0.07	6.9	0.317	11.89	10	2	22.9	0.002	0.36	0.25	0.5	0.5	0.2	922.1	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.41	2713.3	0.6
1731610	0.02	1.37	2	20.2	0.71	1	0.64	0.177	0.14	15.4	0.579	34.34	10	3	40.2	0.004	0.81	0.7	1	1.1	0.7	665.7	0.05	0.02	0.3	50	0.02	0.1	6	0.2	0.95	1279.4	1.6
1731611	0.02	1.57	1.5	14.5	0.78	1	0.48	0.154	0.13	15.9	0.592	32.57	10	3	37.4	0.006	0.64	0.54	1.1	0.8	0.4	609.3	0.05	0.02	0.2	50	0.02	0.1	5	0.2	0.88	1557.9	1.4
1731612	0.02	1.58	0.7	5.7	0.57	0.7326	0.28	0.091	0.07	6.4	0.319	15.72	10	2	45	0.006	0.41	0.3	0.6	0.4	0.3	812.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.48	1948.1	0.8
1731614	0.02	2.58	1.4	6.1	0.9	0.6399	0.47	0.186	0.18	11.7	0.549	34.42	10	5	80.9	0.006	1.19	0.39	0.9	1.1	0.4	996.1	0.05	0.08	0.1	40	0.02	0.1	3	0.1	0.73	2333.8	1.1
1731615	0.03	3.23	1.5	14.1	1	1	0.6	0.219	0.22	19.1	0.653	35.43	10	3	108.3	0.001	0.65	0.61	1.4	0.7	0.5	1156.5	0.05	0.02	0.2	60	0.02	0.1	4	0.1	0.84	2538.8	1.7
1731616	0.02	2.13	1.6	11.3	0.83	0.6011	0.57	0.181	0.18	9.3	0.483	36.8	10	2	77.2	0.001	0.55	0.67	1.1	0.9	0.5	1482.6	0.05	0.02	0.2	60	0.02	0.1	4	0.1	0.89	1893.9	1.5
1731618	0.02	2.14	2.7	35.1	0.85	1	1.45	0.353	0.22	19.5	1.124	15.34	10	2	79.3	0.004	1	0.99	1.5	1.5	1.1	765.2	0.05	0.02	0.5	80	0.02	0.2	10	0.2	1.48	1098.8	0.8
1731619	0.03	2.8	1.8	17.6	0.97	1	1.67	0.27	0.22	21.8	1.002	42.92	10	2	117.9	0.013	0.92	0.67	1.4	1.8	0.8	1633	0.05	0.02	0.3	60	0.02	0.1	6	0.2	0.99	2696.5	1.4
1731620	0.03	1.25	1.3	4.9	0.3	0.1682	0.51	0.149	0.12	6.2	0.282	30.9	10	3	30.1	0.005	0.49	0.62	0.8	1.1	0.7	1868.4	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.81	1394.2	1.4
1731621	0.03	1.53	1.8	9.4	0.43	0.7379	0.64	0.144	0.12	12.6	0.616	26.97	10	2	35.9	0.004	1.28	0.91	1	1.2	0.9	681.3	0.05	0.05	0.2	40	0.02	0.1	8	0.1	1.22	969.3	1.4
1731622	0.02	0.93	0.7	3.3	0.47	0.5319	0.21	0.091	0.09	5.2	0.225	18.98	10	2	21.1	0.001	0.3	0.27	0.7	0.4	0.2	1168.2	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.4	1281.2	0.7
1731623	0.02	1.09	1.3	10.7	0.64	0.7646	0.57	0.162	0.24	24.5	0.571	23.78	10	3	45	0.002	0.76	0.67	0.9	0.9	0.6	767	0.05	0.03	0.3	40	0.02	0.1	5	0.1	0.69	927.8	1.5
1731625	0.02	1.06	1.3	7.5	0.65	1	0.5	0.211	0.14	21.3	0.63	26.3	10	3	46.2	0.004	1.28	0.56	0.9	1.4	0.6	928.9	0.05	0.04	0.2	40	0.02	0.1	4	0.1	0.8	1389.3	1.4
1731626	0.02	1.41	1.2	6.7	0.43	1	0.31	0.129	0.13	10.3	0.405	30.03	10	3	43.1	0.001	0.49	0.39	0.9	0.7	0.3	1279.8	0.05	0.02	0.1	40	0.02	0.1	3	0.1	0.53	1188.7	1.1
1731627	0.02	1.56	1	9.5	0.7	1	0.31	0.187	0.12	11.4	0.534	17.38	10	3	55.8	0.006	0.52	0.28	0.9	0.7	0.3	926.6	0.05	0.02	0.1	40	0.02	0.1	2	0.1	0.48	1381.6	0.9
1731628	0.02	1.19	1	5.7	0.3	0.1617	0.44	0.123	0.12	4	0.322	18.22	10	3	41.4	0.001	0.71	0.53	0.8	0.7	0.6	1103.3	0.05	0.05	0.2	30	0.02	0.1	3	0.1	0.58	1305.4	1.1
1731629	0.02	0.97	1.2	7.9	0.49	0.1206	0.45	0.134	0.14	5.5	0.352	17.86	10	5	39.2	0.001	1.07	0.52	1.2	1.1	0.6	1635.3	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.76	1930.4	1.4
1731630	0.02	2.9	1.3	10	0.75	0.711	0.49	0.114	0.1	9.8	0.604	47.89	10	2	129.4	0.001	0.74	0.44	0.8	1	0.5	1267.1	0.05	0.02	0.2	40	0.03	0.1	3	0.1	0.63	1851.1	1.2
1731631	0.02	1.77	0.8	8.7	0.45	0.1217	0.67	0.061	0.1	2.7	0.418	44.61	10	2	58.1	0.007	0.97	0.44	0.5	0.5	0.4	1780.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.54	1870.4	1.5
1731632	0.02	1.66	0.5	3.3	0.27	0.1371	0.2	0.067	0.09	0.8	0.185	12.56	10	2	51	0.002	0.26	0.12	0.3	0.4	0.1	1226	0.05	0.04	0.1	10	0.02	0.1	2	0.1	0.25	1089.5	0.4
1731634	0.02	1.03	0.5	3.2	0.66	0.5306	0.1	0.058	0.03	3.4	0.231	6.1	10	3	37.1	0.004	0.24	0.11	0.3	0.4	0.1	936	0.05	0.03	0.1	10	0.03	0.1	2	0.1	0.15	1881.4	0.2
1731635	0.03	2.32	0.6	9	0.42	0.2719	0.26	0.1	0.05	3.8	0.323	19.2	10	2	66.6	0.002	0.6	0.26	0.4	0.5	0.3	1031.2	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.39	1102.4	0.5
1731636	0.02	1.51	0.6	9.1	0.83	1	0.23	0.113	0.08	10.9	0.55	14.22	10	2	53.5	0.011	0.38	0.26	0.6	0.6	0.2	1455.9	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.36	2372.4	0.6
1731637	0.04	2.96	1.8	36.9	0.86	1	0.84	0.287	0.17	13.2	1.148	42.61	10	3	108.6	0.002	1.19	0.89	1.1	1	0.7	825	0.05	0.02	0.3	50	0.04	0.1	6	0.1	0.91	1233.7	1.4
1731638	0.02	1.11	0.5	3.9	0.54	0.7706	0.11	0.046	0.04	3.6	0.241	9.31	10	3	35.8	0.001	0.32	0.18	0.3	0.5	0.2	1175	0.05	0.02	0.1	10	0.05	0.1	2	0.1	0.23	1466.4	0.4
1731639	0.02	1.92	1.1	8.4	0.83	0.9094	0.36	0.087	0.11	10.7	0.537	26.27	10	3	89.2	0.004	0.57	0.49	0.7	1.1	0.4	1538.6	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.65	3779.5	1
1731640	0.02	4.94	1.5	22.5	1.05	0.4556	0.77	0.212	0.16	7.5	0.845	43.5	10	3	200.4	0.004	0.84	0.56	1	0.9	0.5	1426.1	0.05	0.02	0.2	50	0.03	0.1	4	0.1	0.83	3005.8	1.3
1731641	0.02	3.51	0.8	7.2	0.77	0.5208	0.42	0.131	0.08	3.5	0.441	31.95	10	2	132.6	0.003	0.45	0.32	0.6	0.7	0.2	1295.5	0.05	0.02	0.1	30	0.03	0.1	2	0.1	0.42	1973.6	0.7
1731642	0.02	1.11	0.7	7.1	0.42	0.2796	0.28	0.069	0.08	4.1	0.292	17.97	10	2	33.6	0.001	0.39	0.3	0.4	0.6	0.2	1221.8	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.37	1322.9	0.7
1731644	0.02	2.96	0.6	6.5	0.49	0.4174	0.29	0.068	0.08	4.5	0.357	16.15	10	2	95.3	0.002	0.42	0.21	0.5	0.3	0.2	1049.5	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.35	831.4	0.6
1731645	0.03	1.3	2.2	20.1	0.42	0.3289	0.99	0.116	0.14	9	0.45	51.64	10	2	51.5	0.001	0.96	1.3	1	1.2	1.4	1218	0.05	0.03	0.4	60	0.02	0.2	7	0.2	1.28	1793.2	2.1
1731646	0.03	0.9	1.5	16	0.48	0.4175	0.56	0.09	0.1	6.3	0.358	28.6	10	2	36.6	0.001	0.92	0.6	0.8	0.8	0.7	1355.4	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.84	2269.3	1.3
1731647	0.02	1.07	1	7.7	0.64	1	0.41	0.066	0.07	26.3	0.405	22.89	10	2	50.2	0.004	1.31	0.54	0.5	0.3	0.4	846.3	0.05	0.02	0.1	20	0.04	0.1	4	0.1	0.59	1474.7	0.9
1731648	0.02	1.55	1	4.9	0.42	0.9293	0.36	0.056	0.08	8.6	0.291	24.93	10	4	61.8	0.001	0.46	0.31	0.5	0.4	0.5	785.2	0.05	0.04	0.1	30	0.08	0.1	3	0.1	0.53	1377.5	0.8
1731649	0.02	1.29	1.2	16.5	0.57	1	0.42	0.098	0.1	16.3	0.471	25.85	10	3	70.2	0.005	0.72	0.54	0.7	0.7	0.4	764.5	0.05	0.03	0.1	30	0.02	0.1	3	0.1	0.62	1845.7	1
1731650	0.05	1.17	1.8	21.2	0.39	0.4735	0.73	0.133	0.13	12.8	0.449	41.01	10	2	51.9	0.005	1.01	1.01	0.9	0.7	0.9	636	0.05	0.02	0.3	40	0.02	0.2	7	0.2	1.13	1164.5	1.7
1731651	0.02	0.61	0.8	9.8	0.45	0.1956	0.29	0.06	0.08	4.4	0.263	21.76	10	3	26.3	0.004	0.4	0.41	0.4	0.8	0.3	1273.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.52	1774.7	0.8
1731652	0.04	1.21	2	29.5	0.74	1	0.7	0.176	0.14	22.6	0.589	41.97	10	2	45.8	0.002	0.96	0.88	1.2	0.7	1.1	514.6	0.05	0.02	0.3	50	0.05	0.2	7	0.1	1.07	1196.5	1.8
1731653	0.02	1.38	1.5	40.3	0.6	1	0.56	0.227	0.11	15.6	0.561	27.04	10	4	61.8	0.002	0.66	0.55	1	0.6	0.6	610.7	0.05	0.05	0.3	50	0.08	0.1	5	0.1	0.75	962.8	1.5
1731654	0.02	3.48	1	10.3	0.66	0.741	0.49	0.106	0.1	8.8	0.445	30.51	10	3	141.5	0.001	0.43	0.36	0.6	0.4	0.3	1175.4	0.05	0.02	0.1	30	0.03	0.1	3	0.1	0.57	1941.4	0.8
1731655	0.02	2.59	0.8	11.7	0.51	0.7001	0.32	0.11	0.08	11.5	0.345	21.73	10	2	72.8	0.006	0.51	0.29	0.6	0.3	0.3	659.8	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.48	928.6	0.6
1731656	0.03	1.42	1.5	22.1	0.55	0.6201	0.57	0.12	0.11	10.3	0.444	27.9	10	2	65.2	0.009	1.69	0.71	0.8	0.8	0.7	668.7	0.05	0.02	0.3	40	0.02	0.1	5	0.1	0.82	1951.5	1.5
1731657	0.07	1.36	2.3	33.5	0.46	1	0.91	0.201	0.12	15.9	0.511	45.69	10	3	56.9	0.006	0.74	1.04	1.1	0.8	1.1	474.9	0.05	0.02	0.3	60	0.02	0.2	8	0.2	1.33	1429.9	2
1731658	0.04	1.41	1.7	14.8	0.64	0.9504	0.64	0.119	0.12	19.9	0.457	30.9	10	3	69.3	0.011	2.26	0.7	0.8	0.8	0.9	498.2	0.05	0.11	0.3	40	0.06	0.1	6	0.1	1.08	1307.3	1.7
1731659	0.03	1.19	1.7	20.9	0.5	0.7979	0.66	0.151	0.1	9.6	0.403	32.96	10	3	43.7	0.003	0.87	0.78	0.8	0.8	0.8	576.2	0.05	0.02	0.3	40	0.02	0.1	6	0.1	0.95	1384.2	1.6
1731660	0.04	1.75	1.9	16.4	0.79	0.9767	0.86	0.136	0.14	11.5	0.586	99	10	3	69.7	0.005	1.3	1.01	0.9	1.4	1.1	728.9	0.05	0.11	0.3	50	0.07	0.2	7	0.2	1.1	2331.5	1.9
1731661	0.02	2.39	0.9	8.5	0.74	1	0.32	0.091	0.08	9.8	0.433	16.21	10	2	59.4	0.001	0.43	0.34	0.5	0.8	0.3	929.4	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.52	1858.6	0.8
1731662	0.04	1.02	2.6	13.9	0.54	0.6222	1.08	0.138	0.15	21.9	0.579	22.8	10	2	38	0.001	1.09	1.31	1.2	1.7	1.3	658.7	0.05	0.06	0.4	60	0.02	0.3	10	0.2	1.49	1357.3	2.2
1731663	0.02	1.34	1.4	12.3	0.71	0.4239	0.59	0.12	0.12	8.2	0.478	12.9	10	2	70.9	0.009	0.84	0.7	0.8	0.9	0.9	1266.7	0.05	0.07	0.2	40	0.02	0.1	5	0.2	0.86	2304.7	1.3
1731665	0.03	1.26	1.9	10.1	0.61	1	0.77	0.129	0.13	19.5	0.569	13.45	10	3	54	0.008	0.91	1	0.9	1.4	1.1	657.8	0.05	0.04	0.3	50	0.02	0.2	7	0.3	1	1619.2	1.6
1731666	0.03	1.22	1.8	10	0.63	1	0.63	0.118	0.17	21.8	0.54	12.15	10	3	48.1	0.001	0.72	0.7	0.8	1.2	0.7	460.2	0.05	0.05	0.3	40	0.02	0.1	6	0.2	1.03	1295.7	1.4
1731667	0.04	1.13	2.4	17.8	0.58	1	1.06	0.151	0.18	30	0.526	21.48	10	6	51.4	0.004	2.53	1.25	1.1	1.8	1.2	823.2	0.05	0.11	0.4	50	0.02	0.2	9	0.2	1.71	1464.5	2.2
1731668	0.04	1.18	1.7	10.6	0.61	1	0.77	0.11	0.16	15.7	0.43	19.18	10	2	50.5	0.014	2.15	0.79	1	0.9	1	495.9	0.05	0.04	0.3	40	0.02	0.2	7	0.2	1.15	1578.5	1.8
1731669	0.02	5.01	1.5	16.6	1.62	1	1.13	0.196	0.17	19.5	1.12	26.25	10	2	231	0.008	1.13	0.78	1.3	1.5	0.9	1706.3	0.05	0.02	0.2	60	0.02	0.1	5	0.2	0.91	1809.6	1.4
1731670	0.02	0.59	1.6	13.4	0.3	0.2655	0.81	0.124	0.12	7.7	0.307	9.92	10	3	18.6	0.001	0.56	1.1	0.9	1	1.1	926.7	0.05	0.13	0.3	40	0.02	0.2	7	0.1	0.99	1047.8	1.6
1731671	0.02	2.31	0.8	5.8	0.72	0.5288	0.31	0.117	0.07	8.8	0.386	9.94	10	2	75	0.002	0.73	0.36	0.4	0.9	0.3	991.6	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.49	1347.8	0.7

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731672	0.02	0.84	0.5	2.7	0.3	0.0798	0.2	0.065	0.06	1.8	0.159	3.91	10	2	26.8	0.005	0.69	0.2	0.2	0.7	0.2	1193.6	0.05	0.02	0.1	10	0.02	0.1	2	0.1	0.38	906.9	0.4
1731673	0.04	2.63	1.7	10.8	0.98	1	0.89	0.194	0.17	23.2	0.764	23.22	10	2	92.3	0.014	1	0.9	0.9	1.3	0.8	815.7	0.05	0.02	0.2	60	0.02	0.2	6	0.2	0.95	1697.5	1.6
1731675	0.02	1.27	1	3.9	0.58	1	0.32	0.071	0.07	12.2	0.374	6.88	10	3	42.1	0.007	1.29	0.33	0.6	0.9	0.4	860.9	0.05	0.02	0.2	30	0.02	0.1	3	0.1	0.6	1084.2	0.9
1731676	0.02	3.24	0.9	11	0.53	0.5623	0.46	0.158	0.11	7.5	0.388	21.18	10	3	92.9	0.001	0.6	0.42	0.7	0.8	0.4	999.9	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.51	1026.8	0.8
1731677	0.02	3.09	0.9	4.5	0.62	0.7193	0.33	0.169	0.11	5.5	0.363	17.04	10	2	78.9	0.004	0.66	0.33	0.7	0.8	0.4	1254.3	0.05	0.02	0.1	40	0.02	0.1	2	0.1	0.59	1251.9	0.8
1731678	0.03	1.27	1.4	8.1	0.57	0.6469	0.61	0.116	0.11	15.4	0.398	8.53	10	2	45.2	0.005	1.07	0.73	0.7	0.8	0.7	983.1	0.05	0.06	0.2	30	0.02	0.1	4	0.1	0.86	1314	1.4
1731679	0.02	0.84	0.9	11.6	0.4	0.8724	0.38	0.116	0.08	18.3	0.331	7.36	10	2	33.1	0.006	1.73	0.49	0.6	1	0.5	679.4	0.05	0.02	0.2	30	0.02	0.1	3	0.1	0.61	869	1
1731680	0.02	1.02	0.9	5	0.28	0.1313	0.33	0.113	0.08	5.2	0.235	11.1	10	2	30	0.002	0.82	0.44	0.5	0.7	0.4	1444.5	0.05	0.02	0.1	20	0.02	0.1	3	0.1	0.59	1420.6	0.7
1731681	0.05	1.62	1.5	11.6	0.53	1	0.79	0.172	0.13	14.5	0.606	8.82	10	2	56.8	0.004	1.65	0.86	0.9	1.9	0.8	694.3	0.05	0.05	0.2	40	0.02	0.1	5	0.2	0.87	1194.7	1.5
1731682	0.02	4.22	0.6	3.7	0.78	0.506	0.34	0.142	0.06	5.4	0.471	15.39	10	2	74.9	0.001	0.52	0.16	0.5	1	0.2	1025.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.33	1316.5	0.6
1731684	0.02	1.4	0.6	4.5	0.95	0.6827	0.14	0.108	0.04	6.9	0.393	5.38	10	3	60.8	0.001	0.48	0.17	0.4	0.9	0.1	1400.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.27	1940.6	0.4
1731685	0.02	1.79	0.9	2.6	0.44	0.5306	0.31	0.095	0.11	7.1	0.471	11.17	10	2	56.3	0.001	0.71	0.31	0.6	0.8	0.4	1355.4	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.47	906.3	0.8
1731686	0.02	1.18	1.2	6.2	0.77	0.9653	0.41	0.106	0.11	9.5	0.69	8.7	10	3	40.7	0.001	0.7	0.51	0.8	1.3	0.5	1727.3	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.69	2203.7	1.2
1731687	0.02	2.59	0.9	5.4	0.49	0.6725	0.38	0.179	0.13	7.3	0.487	17.04	10	2	49.4	0.001	0.94	0.32	0.8	1	0.3	1189.4	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.53	1154.4	1
1731688	0.02	1.55	0.8	4.9	0.54	0.5959	0.37	0.11	0.09	4.5	0.441	15.15	10	2	48.1	0.001	0.65	0.41	0.7	0.7	0.2	1267.2	0.05	0.02	0.1	40	0.02	0.1	3	0.1	0.43	470.5	0.9
1731689	0.02	1.98	0.8	4.7	0.45	0.9003	0.22	0.101	0.08	5.9	0.328	9.99	10	2	41.8	0.001	0.4	0.25	0.6	0.7	0.3	946.1	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.42	1247.6	0.8
1731690	0.03	1.16	1.3	9.6	0.33	0.6676	0.44	0.131	0.14	6.9	0.438	13.75	10	2	31.6	0.002	0.64	0.54	0.7	0.8	0.5	748.5	0.05	0.02	0.1	40	0.02	0.1	4	0.1	0.73	1158.8	1.1
1731691	0.02	2.09	0.8	2.7	0.27	0.194	0.23	0.142	0.04	3.4	0.303	8.2	10	2	43.3	0.002	1.09	0.2	0.5	0.9	0.3	839.6	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.49	1292.3	0.6
1731692	0.02	2.82	0.8	3.9	0.59	0.507	0.26	0.066	0.07	3.6	0.325	11.62	10	5	108.2	0.001	0.45	0.25	0.4	0.7	0.2	862.1	0.05	0.02	0.1	20	0.15	0.1	2	0.1	0.39	1073	0.6
1731694	0.02	2.61	1	10.4	0.6	0.7617	0.46	0.133	0.07	5.8	0.437	14.7	10	2	89.2	0.001	0.53	0.45	0.5	0.7	0.4	874	0.05	0.02	0.1	30	0.08	0.1	3	0.1	0.54	1159.1	0.9
1731695	0.06	3.16	2.4	12.3	1.06	0.8218	0.9	0.22	0.15	17	0.928	46.56	10	3	94.1	0.016	1.07	0.98	1.3	1.1	1.1	446.3	0.05	0.02	0.4	70	0.04	0.2	8	0.2	1.27	1701	1.8
1731696	0.04	2.21	2.6	13.4	0.93	1	0.89	0.192	0.18	26.2	0.88	58.96	10	2	73.4	0.007	1.05	1.09	1.1	1.1	1.2	514.6	0.05	0.02	0.3	70	0.04	0.2	8	0.2	1.35	2445.5	1.9
1731697	0.02	1.22	1	12.8	0.6	1	0.28	0.127	0.05	20.5	0.458	10.27	10	3	49.8	0.004	0.53	0.32	0.4	0.8	0.3	538.2	0.05	0.02	0.1	20	0.23	0.1	2	0.1	0.62	1250.4	0.3
1731698	0.02	1.07	0.9	2.4	0.34	0.3962	0.14	0.043	0.04	5.7	0.274	8.67	10	2	29.6	0.004	0.34	0.17	0.3	0.5	0.1	1186.9	0.05	0.02	0.1	10	0.09	0.1	2	0.1	0.36	1165.7	0.2
1731699	0.02	1.27	0.7	3.3	0.53	0.4032	0.17	0.05	0.02	6.2	0.303	7.27	10	3	34.4	0.001	0.32	0.21	0.4	0.7	0.2	979.4	0.05	0.02	0.1	20	0.06	0.1	2	0.1	0.42	2197.7	0.2
1731700	0.03	1.36	1.5	7.3	0.57	0.5977	0.54	0.098	0.11	13.2	0.578	18.1	10	4	46.2	0.013	0.66	0.64	0.6	1.1	0.6	1600.8	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.85	1970.6	1.2
1731701	0.02	1.46	0.7	3.6	0.86	0.5136	0.21	0.066	0.05	6	0.39	3.99	10	2	45.8	0.001	0.29	0.25	0.4	0.5	0.2	1216.1	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.29	3152.3	0.5
1731703	0.02	2.81	2	9.8	1	1	0.63	0.149	0.13	27.3	1.007	19.08	10	2	108.5	0.003	0.9	0.75	1	1.1	0.7	581	0.05	0.02	0.3	50	0.33	0.2	5	0.1	1.06	1897.4	1.4
1731704	0.02	3.59	0.5	4.2	0.58	0.3336	0.25	0.055	0.02	6.3	0.362	3.6	10	5	144.4	0.001	0.32	0.16	0.2	0.3	0.1	598.3	0.05	0.02	0.1	10	0.09	0.1	2	0.1	0.2	1192	0.2
1731705	0.03	0.97	0.9	3.1	0.39	0.71	0.23	0.055	0.05	9.8	0.364	10.31	10	2	38.3	0.001	0.35	0.24	0.3	0.2	0.3	383.9	0.05	0.02	0.1	20	0.14	0.1	2	0.1	0.5	764.6	0.4
1731706	0.04	2.23	1.8	10.9	0.84	0.5578	0.7	0.106	0.18	12.9	0.548	30.83	10	5	98.4	0.002	0.6	0.85	1	0.5	0.6	1718.6	0.05	0.02	0.3	50	0.02	0.1	4	0.1	1.02	2596	1.7
1731707	0.02	6.61	0.5	4.2	0.55	0.1415	0.4	0.089	0.06	3.5	0.409	9.4	10	2	200.1	0.004	0.33	0.17	0.3	0.4	0.1	2223.7	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.31	2691.3	0.5
1731708	0.02	2.05	0.7	6.7	0.97	0.8413	0.21	0.065	0.06	7.5	0.382	7.17	10	2	69.9	0.004	0.37	0.26	0.4	0.6	0.1	1414.2	0.05	0.02	0.1	20	0.04	0.1	2	0.1	0.41	3045.6	0.6
1731709	0.02	1.37	1.9	13.2	0.89	1	0.57	0.114	0.07	31.4	0.678	14.93	10	2	76.4	0.002	0.57	0.49	0.8	0.6	0.6	562.4	0.05	0.02	0.4	50	0.16	0.1	4	0.2	1.1	2304.3	1.2
1731710	0.03	2.14	2	18	0.87	0.796	0.68	0.167	0.09	18.5	0.724	28.45	10	3	76.9	0.015	1.04	0.71	1	0.7	0.9	500.9	0.05	0.03	0.4	50	0.2	0.2	5	0.1	1.01	1375.4	1
1731711	0.02	1.37	1.3	3	0.63	0.5915	0.44	0.064	0.12	9.2	0.443	17.28	10	2	47.2	0.007	0.88	0.48	0.7	0.6	0.6	763	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.8	1344.8	1.3
1731712	0.06	1.86	2.2	11.8	0.85	1	0.96	0.127	0.18	10.8	0.821	59.38	10	2	81.1	0.006	0.71	1.06	1.2	1.2	1.2	1167.6	0.05	0.02	0.4	60	0.02	0.2	6	0.2	1.13	2818.5	1.9
1731714	0.03	1.18	1.5	3.4	0.53	1	0.45	0.062	0.06	19.6	0.48	23.76	10	2	49	0.003	0.62	0.56	0.6	0.6	0.6	419.5	0.05	0.04	0.2	30	0.12	0.1	4	0.1	0.86	865.7	0.9
1731715	0.02	1.96	1.4	14.2	1.01	1	0.49	0.127	0.15	42.5	0.889	16.65	10	2	134.4	0.003	0.72	0.6	0.8	0.5	0.7	1031.1	0.05	0.03	0.2	40	0.97	0.1	3	0.1	0.76	1989	1.4
1731716	0.02	1.39	1.3	7.3	0.55	0.9174	0.3	0.079	0.1	11.9	0.344	14.28	10	2	39.7	0.001	0.39	0.42	0.6	0.3	0.3	956.3	0.05	0.02	0.2	30	0.02	0.1	2	0.1	0.59	1308.6	0.8
1731718	0.02	1.53	2.3	11.8	0.82	0.6445	0.73	0.109	0.17	17.4	0.499	21.24	10	2	45.3	0.004	0.52	0.86	1	0.7	0.8	938.3	0.05	0.02	0.4	60	0.02	0.2	4	0.1	1.19	1992.7	2.1
1731719	0.05	1.62	3	6.8	0.56	0.9041	1.27	0.121	0.14	27.4	0.584	41.19	10	3	55.1	0.01	2.61	1.17	1.2	0.9	1.5	909.5	0.05	0.02	0.5	70	0.02	0.3	11	0.2	1.84	1053	2.9
1731720	0.04	1.62	2.1	6.2	0.44	0.8537	0.78	0.094	0.11	15.5	0.547	34.65	10	8	76	0.008	2.04	0.83	0.9	0.4	1.2	677.2	0.05	0.02	0.3	50	0.17	0.2	6	0.1	1.31	669.1	1.7
1731721	0.04	1.44	1.1	5.1	0.62	1	0.44	0.081	0.11	20.9	0.529	16.86	10	2	56.9	0.008	0.86	0.46	0.6	0.6	0.5	940.3	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.66	866.9	1
1731722	0.02	2.86	0.7	4.5	0.71	1	0.34	0.07	0.09	8.6	0.362	21.92	10	2	107.5	0.003	0.46	0.24	0.5	0.2	0.2	980.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.4	1344.7	0.6
1731724	0.02	1.59	0.5	2.8	0.38	0.7405	0.15	0.033	0.04	6	0.229	6.98	10	4	52	0.002	0.44	0.14	0.2	0.4	0.1	971.5	0.05	0.02	0.1	10	0.02	0.1	2	0.1	0.24	688.5	0.4
1731725	0.02	1.64	0.5	2.7	0.72	0.9628	0.15	0.034	0.03	4.4	0.245	5.51	10	3	56.6	0.004	0.57	0.09	0.2	0.5	0.1	1426.8	0.05	0.02	0.1	10	0.02	0.1	2	0.1	0.2	1302.4	0.3
1731726	0.02	2.01	0.6	6.4	0.4	0.7006	0.27	0.098	0.08	4.7	0.353	16.45	10	2	62.4	0.002	0.56	0.22	0.4	0.9	0.2	1682.6	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.32	938	0.6
1731727	0.02	3.76	0.8	11	1	0.3429	0.43	0.15	0.1	13.1	0.688	11.76	10	2	91.2	0.001	0.73	0.29	0.7	0.8	0.2	1244	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.49	1907.3	1
1731728	0.02	2.9	0.7	3.8	0.69	0.1941	0.27	0.137	0.1	2.6	0.434	18.81	10	2	89.3	0.001	0.6	0.25	0.6	0.2	0.1	1591.1	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.42	1707.7	0.6
1731729	0.02	1.86	0.9	3.3	0.36	0.6077	0.26	0.064	0.1	8.1	0.272	16.22	10	2	56.1	0.009	0.54	0.24	0.5	0.7	0.3	1083.8	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.54	868.6	0.7
1731730	0.02	0.85	1.3	4.9	0.42	0.611	0.46	0.053	0.09	7.3	0.345	21.39	10	2	33.4	0.005	0.71	0.55	0.6	1.1	0.5	1415.1	0.05	0.02	0.2	30	0.02	0.1	3	0.1	0.75	1059.7	1.2
1731731	0.03	1.23	2.2	5.2	0.42	0.2662	0.71	0.067	0.13	7.3	0.528	38.21	10	2	41	0.001	0.77	0.92	0.9	1.4	0.8	1099.7	0.05	0.03	0.4	50	0.02	0.2	6	0.1	1.21	958.5	1.7
1731732	0.06	1.38	3	6.4	0.49	0.3491	1	0.081	0.16	12	0.52	46.32	10	3	53.3	0.003	2.24	1.73	1	2.4	1.5	480.9	0.05	0.09	0.7	70	0.02	0.3	11	0.2	1.9	1015.1	2.6
1731734	0.02	0.85	1.5	3	0.44	0.7523	0.47	0.051	0.13	20.6	0.332	21.61	10	2	30.6	0.003	0.72	0.52	0.7	1.2	0.4	377.5	0.05	0.02	0.3	40	0.02	0.1	3	0.1	0.89	1170.9	1.2
1731735	0.03	1.12	1.9	5.8	0.44	1	0.63	0.084	0.09	15.2	0.449	24.29	10	2	59.3	0.003	0.99	0.77	0.8	1.8	0.7	733.6	0.05	0.04	0.3	50	0.02	0.2	5	0.1	1.03	1051	1.7
1731736	0.02	1.09	1.2	4	0.7	0.3352	0.43	0.05	0.09	5.3	0.34	16.33	10	2	55.7	0.001	0.65	0.62	0.5	1	0.4	862.2	0.05	0.02	0.2	30	0.12	0.1	2	0.1	0.7	3222.1	1.3
1731737	0.02	1.15	1.8	3.4	0.44	0.1798	0.6	0.045	0.12	6.2	0.381	34.9	10	2	64.9	0.004	0.66	0.75	0.9	1	0.5	870	0.05	0.02	0.4	40	0.03	0.2	4	0.1	0.96	1899.8	1.6
1731738	0.02	0.51	1	5.4	0.32	0.4087	0.33	0.046	0.09	10.3	0.225	12.75	10	2	15.3	0.001	0.4	0.35	0.4	0.4	0.4	622.8	0.05	0.02	0.2	20	0.02	0.1	2	0.1	0.54	689.2	0.8
1731739	0.02	1.33	2.3	5.5	0.93	0.6544	0.64	0.075	0.17	26.9	0.675	32.89	10	2	61.2	0.011	0.8	0.58	1	1.2	0.5	569	0.05	0.02	0.3	60	0.02	0.2	4	0.1	1.3	1802.2	1.8
1731740	0.02	0.69	1.1	2.9	0.42	0.8325	0.31	0.038	0.09	9.2	0.288	14.26	10	2	25.6	0.001	0.74	0.42	0.5	0.8	0.4	786.5	0.05	0.02	0.2	30	0.02	0.1	2	0.1	0.57	1185.4	1
1731741	0.04	1.1	0.9	4.5	0.49	1	0.44	0.042	0.07	16.5	0.353	20.53	10	2	58.9	0.006	0.95	0.43	0.4	1.1	0.4	640.4	0.05	0.02	0.2	20	0.4	0.1	3	0.1	0.62	893.5	0.7
1731742	0.05	1.76	1.9	11.5	0.91	1	0.9	0.088	0.13	32.9	0.657	45.37	10	2	114.8	0.008	1.21	0.98	0.6	1.8	0.9	878.6	0.05	0.02	0.3	50	0.18	0.1	4	0.1	1.25	1798.7	1.5
1731744	0.02	1.52	1.4	8.8	0.55	1	0.68	0.08	0.12	12.7	0.403	33.31	10	2	71.6	0.001	0.81	0.67	0.5	1.7	0.5	603.5	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.88	1364.9	1.2

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731745	0.02	3.25	0.9	5.3	0.57	0.9209	0.39	0.052	0.08	12.8	0.35	34.7	10	2	99.1	0.001	0.57	0.4	0.3	0.9	0.4	714.5	0.05	0.02	0.1	20	0.34	0.1	2	0.1	0.52	1239.4	0.7
1731746	0.02	2.75	0.6	8	0.63	0.7773	0.36	0.067	0.05	9.8	0.385	20	10	2	156.8	0.001	0.49	0.26	0.4	0.8	0.2	655.3	0.05	0.02	0.1	20	0.22	0.1	2	0.1	0.41	1264.6	0.4
1731747	0.02	3.06	0.8	4.8	0.49	0.4432	0.33	0.048	0.07	6.8	0.366	30.23	10	2	128	0.001	0.51	0.3	0.3	0.9	0.4	1075.7	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.42	1129.3	0.6
1731748	0.04	2.03	3.4	35.4	0.79	1	1.43	0.255	0.16	21.8	0.984	28.04	10	4	88.8	0.003	1.47	1.61	1.2	1.9	1.2	509.1	0.05	0.02	0.7	80	0.3	0.2	11	0.2	1.86	937.3	2
1731749	0.04	2.63	3.7	66.3	0.97	1	1.75	0.457	0.19	23.6	1.376	25.36	10	3	116.8	0.008	2.1	1.53	1.4	3.4	1.4	499.5	0.05	0.02	0.7	90	0.02	0.2	10	0.2	1.87	1061	1.2
1731750	0.04	1.72	2.3	35.4	1.02	1	1.21	0.207	0.14	35.5	0.998	76.04	10	5	102	0.001	1.07	1.17	0.6	2	0.9	912.4	0.05	0.02	0.4	50	0.83	0.1	5	0.2	1.29	2797.9	1.6
1731751	0.02	1.55	1.3	4.8	0.72	1	0.6	0.066	0.1	21.1	0.444	26.18	10	2	68.3	0.005	0.67	0.36	0.5	0.8	0.5	851.2	0.05	0.02	0.2	30	0.03	0.1	3	0.1	0.69	1936	1.1
1731752	0.03	1.47	2.6	11.1	0.83	1	1.18	0.115	0.21	21.1	0.682	42.47	10	2	88.1	0.015	1.16	1.5	1.4	2.3	1.2	600.3	0.05	0.07	0.4	60	0.02	0.3	8	0.2	1.56	1637.5	2.6
1731753	0.02	1.74	1	3.5	0.47	0.7269	0.43	0.084	0.09	10.2	0.341	28.22	10	2	71.2	0.001	0.56	0.39	0.5	0.8	0.4	939.2	0.05	0.02	0.2	30	0.02	0.1	3	0.1	0.6	988	0.9
1731754	0.02	1.12	0.5	5.5	0.49	0.1824	0.28	0.064	0.05	2.4	0.243	9.75	10	3	41.6	0.001	0.74	0.22	0.3	0.8	0.2	955.6	0.05	0.04	0.1	20	0.02	0.1	2	0.1	0.31	1724.2	0.7
1731755	0.02	3.32	1.2	8.5	0.71	0.3499	0.71	0.1	0.11	6.4	0.465	40.01	10	2	133.2	0.001	0.7	0.71	0.6	1.1	0.6	835.9	0.05	0.04	0.2	40	0.02	0.1	4	0.1	0.72	2433.6	1.2
1731756	0.02	1.62	0.8	6.7	0.38	0.5692	0.68	0.061	0.07	7.7	0.34	19.09	10	2	64.7	0.003	1.09	0.4	0.4	0.8	0.5	608.7	0.05	0.02	0.1	20	0.02	0.1	3	0.1	0.56	1234.7	0.9
1731757	0.02	2.17	1.2	7.4	0.61	0.6178	0.6	0.091	0.08	8.3	0.421	25.38	10	3	89.7	0.005	1.38	0.52	0.5	1.4	0.5	773.2	0.05	0.03	0.1	30	0.02	0.1	4	0.1	0.72	2836.1	1.1
1731758	0.02	2.44	0.9	9.3	0.53	0.4368	0.44	0.094	0.09	8.5	0.51	30.98	10	2	91.4	0.005	0.58	0.42	0.4	1	0.5	1018.6	0.05	0.04	0.1	30	0.02	0.1	2	0.1	0.62	1729.1	1
1731759	0.02	1.86	1.2	4.8	0.73	1	0.62	0.069	0.06	18.3	0.458	43.42	10	2	71.7	0.004	0.56	0.39	0.5	1.1	0.4	885.7	0.05	0.02	0.2	30	0.15	0.1	3	0.1	0.7	1795	0.9
1731760	0.02	2.31	1.6	5.7	0.81	1	0.62	0.074	0.11	29.2	0.47	56.82	10	2	82.2	0.001	0.64	0.64	0.6	1	0.6	790.4	0.05	0.03	0.2	40	0.02	0.1	5	0.1	0.92	2449.1	1.4
1731761	0.02	1.21	1.7	5.2	0.52	1	0.8	0.069	0.08	26.2	0.465	37.88	10	4	45.7	0.002	0.87	0.58	0.6	0.7	0.6	595.1	0.05	0.04	0.2	40	0.06	0.1	5	0.1	0.98	1352.3	1.4
1731762	0.02	3.09	0.8	5.2	0.61	0.6963	0.4	0.074	0.07	10	0.417	35.03	10	2	140.7	0.002	0.57	0.29	0.4	0.5	0.3	1150.8	0.05	0.05	0.1	30	0.02	0.1	2	0.1	0.47	1870.8	0.8
1731763	0.02	1.79	0.6	3.1	0.46	0.4123	0.27	0.042	0.05	4.3	0.313	20.42	10	2	83.3	0.004	0.47	0.22	0.3	0.7	0.2	1018.1	0.05	0.02	0.1	20	0.03	0.1	2	0.1	0.35	1079.6	0.5
1731765	0.02	1.35	0.9	2.8	0.55	0.5711	0.47	0.047	0.07	13	0.373	22.9	10	2	55.6	0.003	0.79	0.52	0.4	0.8	0.4	1377	0.05	0.02	0.2	30	0.03	0.1	3	0.1	0.64	990.5	1
1731766	0.02	2.24	0.7	1.7	0.54	0.8701	0.31	0.041	0.04	12.4	0.289	18.4	10	2	86	0.005	0.41	0.2	0.3	0.6	0.2	814.9	0.05	0.02	0.1	20	0.06	0.1	2	0.1	0.4	1137.2	0.5
1731767	0.02	1.02	1.2	2.6	0.5	1	0.52	0.041	0.07	35.6	0.334	22.76	10	2	36.9	0.002	0.95	0.37	0.4	0.6	0.4	779	0.05	0.02	0.1	30	0.08	0.1	3	0.1	0.66	897.7	1
1731768	0.02	2.79	0.8	3.3	0.47	0.6284	0.31	0.057	0.06	7	0.387	25.46	10	3	85.1	0.001	0.53	0.28	0.4	0.8	0.2	975.1	0.05	0.02	0.1	20	0.02	0.1	3	0.1	0.44	1005.3	0.6
1731769	0.02	3.45	0.7	2.1	0.53	0.673	0.36	0.064	0.04	4.7	0.404	23.41	10	2	108.3	0.001	0.49	0.22	0.3	0.7	0.3	963.3	0.05	0.02	0.1	20	0.05	0.1	2	0.1	0.39	1146.1	0.5
1731770	0.02	2.4	1.1	2.2	0.59	1	0.58	0.077	0.07	11.9	0.499	30.24	10	2	106	0.004	0.69	0.47	0.5	0.8	0.5	576	0.05	0.02	0.2	30	0.17	0.1	3	0.1	0.66	1201.4	0.9
1731771	0.02	0.72	0.7	1	0.59	1	0.41	0.024	0.05	25.9	0.299	14.53	10	2	27.3	0.003	0.59	0.24	0.3	0.6	0.3	273.1	0.05	0.02	0.1	20	0.27	0.1	2	0.1	0.43	1290.8	0.7
1731772	0.03	0.96	2.2	9.8	0.74	1	0.63	0.061	0.14	23.2	0.49	39.81	10	2	43	0.002	0.46	0.82	1	0.9	0.8	967.2	0.05	0.02	0.4	60	0.16	0.1	5	0.2	1.1	1469.2	1.9
1731773	0.02	0.76	1.1	1.4	0.47	0.6085	0.47	0.026	0.08	16.2	0.316	31.42	10	2	35.3	0.002	0.69	0.5	0.4	0.8	0.4	594	0.05	0.02	0.1	30	0.1	0.1	4	0.1	0.72	861.1	0.9
1731775	0.04	1.14	2	1.4	0.51	0.7643	0.84	0.032	0.12	19.5	0.477	59.49	10	2	39	0.008	1.12	0.88	0.6	1.1	0.9	632.3	0.05	0.05	0.3	40	0.15	0.1	7	0.2	1.22	1167.2	1.7
1731776	0.02	0.66	0.8	0.7	0.47	0.3488	0.3	0.017	0.04	9.8	0.259	15.48	10	2	25.5	0.002	0.33	0.26	0.4	0.7	0.3	669.6	0.05	0.02	0.1	20	0.18	0.1	2	0.1	0.45	961.8	0.7
1731777	0.02	0.87	2.1	1.7	0.44	1	0.78	0.035	0.11	17.1	0.404	55.16	10	2	35.4	0.001	0.53	0.84	0.6	1	0.8	306	0.05	0.03	0.3	50	0.12	0.1	6	0.1	1.17	1156.2	1.5
1731778	0.02	0.78	1.4	1.5	0.56	0.6933	0.53	0.043	0.09	24.6	0.373	12.99	10	2	24.8	0.003	0.42	0.47	0.5	0.7	0.4	217.8	0.05	0.02	0.3	40	0.16	0.1	3	0.1	0.81	1221.8	1.3
1731779	0.02	2.08	1.5	1.8	0.91	1	0.59	0.088	0.16	24.3	0.578	27.52	10	2	57.7	0.001	0.53	0.51	1	1	0.5	260.9	0.05	0.02	0.3	70	0.02	0.1	5	0.1	0.88	1339.2	1.4
1731780	0.02	0.92	1.4	1.7	0.69	1	0.71	0.045	0.14	23.7	0.556	13.79	10	5	35	0.001	0.55	0.49	0.7	1	0.4	405.1	0.05	0.02	0.3	50	0.02	0.1	3	0.1	0.82	1889.6	1.4
1731781	0.02	0.99	1.7	1.6	0.56	1	0.65	0.058	0.12	25.4	0.532	17.92	10	2	21.9	0.002	0.57	0.52	0.8	1	0.5	322.3	0.05	0.02	0.3	50	0.02	0.1	4	0.2	1.01	1076.8	1.3
1731782	0.02	1.87	1.4	1.4	0.65	0.3056	0.61	0.067	0.11	3.7	0.501	24.45	10	2	55.5	0.002	0.91	0.51	0.8	0.9	0.6	1667.7	0.05	0.02	0.2	50	0.02	0.1	4	0.1	0.82	2535.8	1.5
1731783	0.02	0.6	1.9	1.8	0.55	0.746	0.66	0.05	0.13	9.8	0.361	22.43	10	2	24.9	0.001	0.63	0.69	0.8	1.4	0.7	793	0.05	0.02	0.3	50	0.02	0.1	5	0.1	1.09	2489.5	1.5
1731784	0.04	0.76	1.6	1.2	0.75	0.7334	0.57	0.05	0.14	15.5	0.378	21.6	10	2	27.8	0.006	0.65	0.54	0.9	1.2	0.6	721.8	0.05	0.02	0.3	40	0.02	0.1	4	0.1	0.96	1860.7	1.3
1731786	0.02	0.58	1.1	1	0.42	0.4463	0.49	0.034	0.1	4.7	0.236	13.34	10	2	14.9	0.001	0.39	0.58	0.6	0.9	0.4	959.6	0.05	0.02	0.2	30	0.02	0.1	5	0.1	0.62	981	1.1
1731787	0.02	0.72	1.5	1.4	0.76	0.4436	0.57	0.052	0.19	4.7	0.418	12.24	10	2	25.1	0.003	0.48	0.73	0.8	1.4	0.5	1847.7	0.05	0.02	0.3	50	0.02	0.1	4	0.1	0.81	1679.9	1.4
1731788	0.02	1.94	0.5	0.9	0.39	0.1343	0.22	0.069	0.05	2.5	0.232	12.65	10	2	50.8	0.001	0.4	0.21	0.5	0.7	0.2	891.9	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.34	1214.5	0.6
1731789	0.04	1.15	1.5	2.2	0.6	1	0.64	0.076	0.14	15.6	0.583	23.91	10	5	42.8	0.008	1.3	0.8	0.7	1.3	0.7	764.6	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.97	1851	1.5
1731790	0.02	1.25	0.8	1.5	0.44	0.1668	0.34	0.07	0.11	2.4	0.3	9.98	10	2	31.7	0.001	0.48	0.33	0.6	1	0.3	1018.8	0.05	0.04	0.1	30	0.02	0.1	2	0.1	0.44	1390.5	1
1731791	0.02	1.34	1	1.3	0.5	0.525	0.5	0.058	0.09	9.4	0.373	14.05	10	2	54.6	0.011	1.34	0.43	0.5	0.9	0.5	565.6	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.64	837.2	1.1
1731792	0.05	1.33	2.3	2.8	0.62	0.8683	0.86	0.085	0.17	14.5	0.667	30.89	10	2	58.8	0.008	0.82	1.06	1	1.6	1	682.9	0.05	0.04	0.3	60	0.02	0.2	7	0.2	1.41	1772.2	2
1731794	0.03	1.38	1.9	2.3	0.44	0.8375	0.63	0.099	0.12	10.2	0.407	24.39	10	2	54.7	0.009	1.59	0.69	0.8	1.6	0.9	927.5	0.05	0.02	0.3	50	0.02	0.2	7	0.1	1.12	826.6	1.6
1731795	0.02	0.74	1.5	3.2	0.51	0.6327	0.55	0.102	0.14	9	0.524	17.38	10	3	24	0.003	1.09	0.82	0.8	1.8	0.7	827.7	0.05	0.08	0.3	40	0.02	0.1	6	0.2	0.89	1059.7	1.5
1731796	0.02	0.94	1.1	1.4	0.38	0.7219	0.37	0.084	0.1	8.2	0.34	12.82	10	2	33.6	0.004	1.18	0.45	0.6	1.1	0.5	660.8	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.58	709.9	1
1731797	0.02	1.37	0.9	2.5	0.51	0.9923	0.37	0.098	0.12	7	0.419	11.38	10	3	54.8	0.006	1.05	0.48	0.6	1.2	0.4	614.6	0.05	0.03	0.2	30	0.02	0.1	4	0.1	0.53	990.1	0.9
1731798	0.02	1.21	1.6	2.4	0.51	0.8541	0.57	0.092	0.14	15	0.468	16.54	10	2	38.9	0.007	1.11	0.82	0.8	1.5	0.8	486.6	0.05	0.03	0.3	50	0.02	0.1	6	0.1	0.88	1364.5	1.6
1731799	0.02	1.26	0.6	1.3	0.44	0.159	0.25	0.072	0.06	3.5	0.25	10.7	10	3	49.9	0.004	1.1	0.23	0.4	0.9	0.2	1065	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.45	1936.8	0.6
1731800	0.02	1.66	0.8	2.1	0.37	0.2337	0.27	0.124	0.1	2.7	0.244	15.06	10	2	42.2	0.001	0.57	0.31	0.7	0.9	0.3	832.3	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.47	1143.7	0.8
1731801	0.05	3.03	5	5.3	1.27	1	2.1	0.315	0.3	45.6	2.008	29.08	10	4	119.2	0.006	2.18	1.88	2.4	3.1	1.9	746.9	0.05	0.03	0.9	160	0.04	0.4	17	0.4	2.58	1042.4	0.5
1731803	0.02	2.14	1.3	2	0.68	1	0.5	0.146	0.16	14.3	0.478	16.79	10	4	59.2	0.002	0.82	0.45	0.9	0.9	0.5	793.3	0.05	0.03	0.2	50	0.02	0.1	4	0.1	0.65	1189.9	1.2
1731804	0.02	2.64	1.3	1.3	0.5	0.3064	0.5	0.126	0.14	9.6	0.346	26.65	10	2	70.9	0.006	0.7	0.44	0.8	0.9	0.4	607.9	0.05	0.02	0.1	40	0.02	0.1	4	0.1	0.73	1027	1.1
1731805	0.02	1.19	2.1	1.8	0.58	1	0.92	0.107	0.17	21.9	0.497	29.71	10	3	43.2	0.004	1.24	1.34	1.2	2.1	1.1	674.5	0.05	0.05	0.4	60	0.02	0.2	10	0.3	1.26	1097.2	2.3
1731806	0.02	0.76	1.4	4.2	0.52	0.7629	0.55	0.093	0.13	16.2	0.31	15.6	10	2	22.7	0.004	0.93	0.61	0.9	1.2	0.6	577.9	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.82	913.6	1.3
1731807	0.07	1.52	3.1	5.3	0.67	1	1.34	0.156	0.24	30.1	0.577	47.45	10	2	53	0.008	3.08	1.69	1.9	2.8	1.8	752.7	0.05	0.09	0.6	100	0.02	0.3	12	0.3	1.83	1531.7	3
1731808	0.03	1.32	1.8	1.9	0.59	1	0.65	0.11	0.15	20.3	0.462	26.64	10	4	37.7	0.007	1.36	0.84	1.1	1.6	0.9	676.4	0.05	0.02	0.3	50	0.02	0.2	7	0.2	1.07	1149.3	1.7
1731809	0.05	1.62	2.5	2.8	0.98	1	0.8	0.126	0.19	32.9	0.694	29.37	10	3	55.3	0.009	1.52	1.01	1.2	2	1	1141.8	0.05	0.03	0.4	70	0.02	0.2	7	0.2	1.41	2444.6	2.3
1731810	0.04	1.25	2.3	2.8	0.98	1	0.79	0.107	0.16	19.4	0.625	29.57	10	2	48.3	0.009	2.56	0.91	1.4	2.3	1	1364.3	0.05	0.05	0.4	70	0.02	0.2	8	0.2	1.36	1760.6	2.2
1731811	0.03	1.14	1.6	1.2	0.45	0.5785	0.69	0.033	0.13	13.6	0.339	66.28	10	2	44.4	0.007	0.71	0.84	0.6	0.9	0.7	394.8	0.05	0.03	0.3	40	0.02	0.1	7	0.1	1.04	1105.3	1.4
1731812	0.02	1	1.6	1.2	0.46	0.9414	0.6	0.028	0.09	31.1	0.322	40.14	10	2	37	0.004	1.52	0.61	0.5	1.1	0.6	821.3	0.05	0.09	0.2	30	0.04	0.1	6	0.2	0.87	1084.6	1.2
1731814	0.03	1.11	2.8	1.8	0.88	1	0.81	0.034	0.13	45.9	0.606	66.47	10	2	42.4	0.002	1.17	1.05	1.1	1.1	1.2	1234.5	0.05	0.08	0.4	60	0.17	0.2	8	0.2	1.52	2509	2.3

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731815	0.02	2.49	2	1.5	0.96	1	0.86	0.055	0.12	12.6	0.646	74.91	10	2	89.3	0.002	0.9	1.07	0.9	1.1	1	2029.6	0.05	0.02	0.4	50	0.05	0.2	8	0.2	1.12	1270.8	1.6
1731816	0.03	0.9	1.9	1.4	0.35	0.3204	0.68	0.034	0.12	6.5	0.306	46.56	10	2	27.7	0.003	1.75	0.99	0.8	0.7	1.1	812.7	0.05	0.02	0.4	50	0.02	0.2	8	0.1	1.05	1150	1.8
1731818	0.02	0.58	1.1	0.8	0.23	0.2852	0.38	0.021	0.06	4	0.184	32.47	10	3	19.5	0.005	1.04	0.55	0.5	0.6	0.5	680.2	0.05	0.02	0.2	20	0.03	0.1	4	0.1	0.65	647	1.1
1731819	0.03	0.79	2.1	1.3	0.31	0.3399	0.74	0.033	0.12	9	0.316	54.54	10	2	26.8	0.003	1.05	1.23	0.8	1.2	1.3	938	0.05	0.02	0.4	50	0.03	0.2	8	0.1	1.26	976.6	1.9
1731820	0.03	0.52	0.7	0.7	0.18	0.1709	0.3	0.023	0.06	5.3	0.118	16.83	10	2	14.6	0.004	1.65	0.49	0.3	0.4	0.5	771	0.05	0.02	0.2	20	0.02	0.1	3	0.1	0.51	555.4	0.8
1731821	0.06	1.87	3.2	1.9	0.64	0.2636	1.29	0.066	0.17	13.1	0.548	76.03	10	3	66.3	0.007	1.49	2.13	1.4	2	1.8	625.5	0.05	0.09	0.7	90	0.02	0.4	14	0.3	1.83	1071	3
1731822	0.03	0.68	1.8	1	0.23	0.1576	0.73	0.032	0.1	5.6	0.315	35.02	10	3	19.8	0.003	0.57	1.05	0.6	1.4	0.9	811.7	0.05	0.04	0.4	40	0.02	0.2	7	0.2	0.97	718.5	1.6
1731823	0.03	0.99	2.2	1.2	0.24	0.2507	0.99	0.037	0.13	6.7	0.424	58.83	10	2	29.7	0.003	0.66	1.44	0.9	1.8	1.2	741.7	0.05	0.1	0.5	60	0.02	0.2	9	0.3	1.17	891.5	2
1731824	0.04	0.42	1.3	0.6	0.16	0.1564	0.56	0.02	0.08	5.4	0.185	39.15	10	3	13.8	0.002	0.43	0.72	0.5	0.6	0.6	625.6	0.05	0.02	0.3	30	0.02	0.1	4	0.1	0.77	797	1
1731825	0.03	1.07	1.9	1.2	0.28	0.1668	0.77	0.041	0.1	8.5	0.368	38	10	2	40.4	0.004	1.53	1.01	0.9	1	1	707.7	0.05	0.06	0.4	50	0.02	0.2	8	0.1	1.08	1055.9	1.9
1731826	0.06	1.45	2.3	1.9	0.78	0.6426	1.15	0.057	0.14	12.7	0.542	85.59	10	2	75	0.008	0.78	1.26	1	1.7	1.3	1000.8	0.05	0.02	0.5	60	0.02	0.2	8	0.2	1.28	3106.9	1.8
1731828	0.02	1.16	1.5	1	0.5	0.761	0.56	0.037	0.1	11	0.391	39.6	10	2	41.9	0.001	0.6	0.53	0.6	0.7	0.5	704.9	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.83	711.3	1.1
1731829	0.02	1.37	1	0.9	0.6	0.9891	0.38	0.035	0.08	13.6	0.419	26.33	10	2	46.4	0.001	0.57	0.39	0.5	0.6	0.4	748.3	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.52	762.9	0.8
1731830	0.02	1.83	1.4	1.4	0.7	1	0.66	0.065	0.12	18.2	0.556	34.78	10	3	69.3	0.007	0.84	0.64	0.8	0.7	0.6	887.6	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.77	831.5	1.4
1731831	0.02	1.3	0.8	1.2	0.65	1	0.36	0.049	0.07	8.5	0.366	19.85	10	2	56.3	0.013	0.65	0.28	0.4	0.8	0.4	981.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.5	686.8	0.8
1731832	0.02	1.21	0.8	1.6	0.45	1	0.35	0.055	0.07	17.8	0.362	15.37	10	3	44.7	0.005	0.65	0.34	0.4	0.5	0.3	998.4	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.39	882.4	0.7
1731834	0.02	1.51	1.5	2.1	0.79	1	0.6	0.07	0.11	15.4	0.613	26.69	10	2	65	0.008	0.68	0.56	0.7	0.7	0.5	1141.7	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.74	1270	1.2
1731835	0.02	2.89	1	2.3	0.55	0.7904	0.5	0.061	0.08	10.5	0.387	44.98	10	2	110	0.001	0.68	0.42	0.6	0.7	0.3	1166.1	0.05	0.02	0.1	30	0.03	0.1	3	0.1	0.52	998.2	0.7
1731836	0.02	1.88	1.8	3.4	0.93	1	0.73	0.064	0.13	20.9	0.622	35.37	10	2	92.5	0.008	1.37	0.65	0.8	1.1	0.8	1685.2	0.05	0.02	0.3	50	0.02	0.2	5	0.1	1.01	1819.5	1.6
1731837	0.02	1.66	1.3	1.9	0.85	0.7308	0.58	0.049	0.1	14.5	0.488	35.39	10	2	86	0.003	0.85	0.57	0.5	1.3	0.6	1127.9	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.78	2947.6	1
1731838	0.02	3.43	1.3	2.6	0.88	0.9108	0.67	0.069	0.12	11.6	0.483	38.46	10	2	147.3	0.007	0.74	0.5	0.8	1	0.5	957.1	0.05	0.02	0.2	50	0.02	0.1	3	0.1	0.73	1788.9	1.2
1731839	0.06	1.26	2.8	12.4	0.54	1	1.23	0.065	0.14	22.8	0.722	72.99	10	3	59.5	0.002	1.02	1.48	1	1.9	1.2	953.1	0.05	0.06	0.4	60	0.02	0.2	9	0.2	1.45	1462.5	1.8
1731840	0.02	1.45	1	2.1	0.6	0.9758	0.49	0.054	0.09	14	0.462	60.86	10	3	58.1	0.004	0.68	0.4	0.6	0.9	0.4	1274.2	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.57	1905	0.9
1731841	0.03	1.74	2.4	7.1	0.64	1	0.9	0.1	0.13	18.8	0.698	38.84	10	3	58.2	0.001	1.08	0.81	1	1.1	0.9	974.8	0.05	0.02	0.4	60	0.02	0.2	8	0.2	1.32	1156.2	1.7
1731842	0.02	1.33	1.7	6.4	0.56	0.9463	0.7	0.099	0.12	21.3	0.501	27.36	10	2	37.6	0.001	0.72	0.76	0.7	1.4	0.7	775.7	0.05	0.03	0.2	50	0.02	0.1	6	0.1	0.88	998.2	1.5
1731844	0.02	1.01	1.1	3.4	0.47	0.9839	0.41	0.052	0.08	10.9	0.292	27.97	10	2	35.5	0.002	0.74	0.39	0.4	0.7	0.4	981.9	0.05	0.05	0.1	20	0.05	0.1	4	0.1	0.57	977.2	0.9
1731845	0.02	3.21	1.1	3	0.58	0.7451	0.52	0.081	0.08	8.4	0.344	34.64	10	3	86.7	0.006	0.95	0.35	0.5	0.7	0.4	921.9	0.05	0.02	0.1	30	0.02	0.1	4	0.1	0.62	1226.8	1.2
1731846	0.03	2.13	2.3	5	0.93	0.9611	1.04	0.082	0.15	14.8	0.563	69.21	10	2	83.8	0.013	2.38	0.99	0.9	1.9	1.1	1018.2	0.05	0.03	0.4	60	0.02	0.2	8	0.2	1.36	1950.9	2.6
1731847	0.05	1.85	2.6	5	0.76	0.8859	1.27	0.09	0.12	16.1	0.58	82.49	10	2	82.2	0.011	2.12	1.29	0.9	2.5	1.5	839.7	0.05	0.02	0.4	60	0.02	0.2	9	0.3	1.63	1689	2.4
1731848	0.02	2.2	1.7	3.5	0.6	0.8986	1.15	0.07	0.09	10.2	0.363	47.04	10	2	110.1	0.009	1.42	0.56	0.4	0.9	0.5	785.1	0.05	0.03	0.8	30	0.02	0.6	5	0.1	0.78	1195.4	1
1731849	0.02	3.49	1.4	2.3	0.87	0.6193	0.78	0.077	0.1	9.9	0.397	49.76	10	3	162.4	0.015	0.9	0.52	0.5	1.2	0.5	860.4	0.05	0.03	0.2	30	0.03	0.1	4	0.1	0.93	2942.2	1.1
1731850	0.03	2.78	1.9	2.9	0.8	0.3967	0.75	0.078	0.12	11.3	0.467	71.72	10	5	143.5	0.005	0.74	0.76	0.6	1.2	0.6	967.8	0.05	0.02	0.3	40	0.03	0.2	5	0.1	1.09	1754	1.4
1731851	0.02	1.43	1.5	1.1	0.38	0.7018	0.49	0.049	0.1	9.5	0.379	35.67	10	2	65	0.007	0.73	0.66	0.6	1.2	0.5	820	0.05	0.02	0.2	40	0.02	0.1	5	0.1	0.81	717.7	1.4
1731852	0.02	0.69	1.2	0.9	0.34	0.4562	0.45	0.032	0.07	10.6	0.256	23.51	10	2	19.4	0.001	0.57	0.58	0.5	1	0.4	648.9	0.05	0.03	0.2	30	0.02	0.1	4	0.1	0.71	732.4	1
1731853	0.03	1.16	1.9	1.2	0.47	0.4689	0.64	0.042	0.1	8.7	0.365	44.25	10	2	36.4	0.001	1.51	0.78	0.7	1.3	0.8	727.8	0.05	0.02	0.3	40	0.02	0.1	7	0.1	0.97	984.3	1.5
1731854	0.02	0.91	1.6	1.2	0.53	0.6873	0.48	0.032	0.1	18	0.36	24.91	10	4	24.5	0.001	0.66	0.53	0.5	0.9	0.5	354.8	0.05	0.02	0.3	40	0.03	0.1	5	0.1	0.84	865.4	1.3
1731855	0.09	1.04	2.9	1.8	0.56	0.5462	0.83	0.049	0.16	22.7	0.429	61.08	10	3	27	0.001	0.69	0.96	0.9	1.1	1.1	514.1	0.05	0.02	0.5	70	0.04	0.2	10	0.2	1.61	1269.2	1.9
1731856	0.05	1.97	3	2.6	0.98	1	1.41	0.074	0.21	28.1	1.101	87.83	10	4	77.1	0.003	1.62	1.32	1.1	3	1.2	883.8	0.05	0.02	0.5	80	0.02	0.2	10	0.3	1.34	1887.8	2.2
1731857	0.02	1.24	1.5	1	0.63	0.8217	0.55	0.047	0.1	14.4	0.402	31.23	10	2	41.1	0.001	0.72	0.63	0.7	1.4	0.5	1039.6	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.88	1704	1.1
1731858	0.04	1.67	2	1.7	0.53	0.9889	0.91	0.06	0.12	13.2	0.491	52.52	10	3	43.3	0.01	2.72	0.93	0.7	1.6	0.9	505.2	0.05	0.03	0.4	50	0.02	0.2	8	0.2	1.25	1278.2	1.9
1731859	0.02	1.07	0.5	0.7	0.5	0.2107	0.24	0.026	0.06	4.1	0.218	14.19	10	2	32.6	0.001	0.54	0.27	0.3	0.9	0.3	1317.9	0.05	0.02	0.1	10	0.02	0.1	2	0.1	0.3	3171.6	0.6
1731860	0.03	1	1.9	1.9	0.32	0.3357	0.71	0.048	0.12	7.7	0.352	36.12	10	4	30	0.005	1.62	1.06	0.8	1.7	1.1	886.2	0.05	0.03	0.4	50	0.02	0.2	9	0.1	1.14	957.6	1.9
1731861	0.07	1.68	4.2	2.6	0.46	0.6073	1.57	0.078	0.17	15.5	0.688	69.89	10	3	49.3	0.008	2.62	2.21	1.5	4.9	2.1	957.3	0.05	0.26	0.6	90	0.02	0.4	18	0.3	2.39	1252.8	3
1731862	0.03	1.01	1.6	1.7	0.48	0.4484	0.75	0.064	0.12	10.1	0.387	26.86	10	3	29.3	0.004	1.27	1.19	0.7	2.3	0.9	1223.1	0.05	0.13	0.3	40	0.02	0.2	8	0.1	1.06	937.6	1.8
1731863	0.03	1.23	1.7	1.4	0.58	0.2302	0.68	0.054	0.14	12.2	0.366	34.47	10	2	43.7	0.002	0.95	1	0.9	2.1	0.8	1203.3	0.05	0.03	0.3	40	0.02	0.1	5	0.1	1.01	2944.6	1.5
1731865	0.04	0.97	2.3	1.6	0.29	0.1446	0.8	0.064	0.11	10	0.397	37.88	10	3	31.5	0.003	1.66	1.1	0.9	2.1	1.1	956.2	0.05	0.07	0.3	50	0.02	0.2	10	0.1	1.28	983.8	1.9
1731866	0.02	1.86	2	1.5	0.8	0.6228	0.72	0.055	0.14	8	0.521	37.59	10	2	69.5	0.006	2.52	0.81	0.8	2.1	0.9	1632.1	0.05	0.02	0.3	50	0.02	0.2	8	0.1	1.19	1332.8	1.8
1731867	0.04	1.17	2.8	2	0.43	0.1929	0.99	0.072	0.14	9.9	0.351	41.26	10	4	37	0.008	3.37	1.11	1	2	1.2	553.2	0.05	0.03	0.6	70	0.02	0.2	11	0.2	1.81	1115.2	2.6
1731868	0.04	0.83	3.1	1.8	0.27	0.1412	0.81	0.082	0.13	6.7	0.32	32.03	10	3	24.6	0.005	2.62	0.86	1.4	1.9	1.1	816.2	0.05	0.03	0.6	70	0.02	0.2	11	0.2	1.78	706.8	2.4
1731869	0.04	0.51	2.5	1.4	0.21	0.1423	0.75	0.054	0.13	5.9	0.265	23.19	10	2	13.2	0.002	1.9	0.88	1	2.1	1.1	770.4	0.05	0.04	0.5	60	0.02	0.2	9	0.1	1.48	692.5	2.3
1731870	0.03	0.6	3.3	1.6	0.21	0.1082	0.89	0.06	0.11	6.7	0.281	33.22	10	3	17.1	0.002	1.38	1.28	1.2	2.2	1.3	673.6	0.05	0.12	0.7	70	0.02	0.3	13	0.1	1.99	662.8	2.6
1731871	0.04	0.81	2.1	1.2	0.2	0.0982	0.72	0.043	0.14	6.4	0.241	26.83	10	2	24.4	0.003	2.23	1.24	0.9	2.3	1.1	515.6	0.05	0.05	0.5	40	0.02	0.2	8	0.1	1.24	802.3	2.2
1731872	0.09	1.87	3.4	2.8	0.78	1	1.55	0.133	0.21	19.5	0.866	69.24	10	2	64.9	0.016	2.09	1.65	1.5	3.7	2	674.2	0.05	0.05	0.6	90	0.02	0.3	14	0.2	2.06	1999.2	2.8
1731873	0.02	0.75	0.6	0.8	0.55	0.1824	0.27	0.029	0.06	1.2	0.196	13.22	10	2	23.6	0.001	0.71	0.3	0.4	0.8	0.3	1525.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.36	2819.1	0.6
1731875	0.02	1.12	1.2	1.1	0.35	0.1451	0.44	0.039	0.08	4.2	0.215	23.27	10	2	29.7	0.002	1.56	0.6	0.6	1.1	0.6	1065.4	0.05	0.02	0.2	30	0.02	0.1	5	0.1	0.94	1222.9	1.2
1731876	0.02	0.78	1.1	1.1	0.66	0.6725	0.3	0.035	0.09	10.4	0.34	28.8	10	2	24.5	0.001	0.53	0.47	0.5	1	0.4	1021.4	0.05	0.02	0.2	30	0.02	0.1	2	0.1	0.55	1888.4	0.8
1731877	0.02	1.53	1.5	1.7	0.74	1	0.59	0.067	0.1	29.4	0.647	38.1	10	3	70.7	0.013	1.15	0.48	0.6	1.5	0.5	747.3	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.84	2506.5	1.2
1731878	0.02	0.91	1.3	1.1	0.47	0.5053	0.4	0.039	0.07	7.7	0.313	29.77	10	4	41.7	0.002	0.67	0.5	0.4	1.3	0.4	1264.3	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.73	2487.2	0.9
1731879	0.03	2.81	3.7	4.4	0.99	1	1.41	0.112	0.18	26.8	1.371	25.15	10	2	92.5	0.004	1.4	1.06	1.4	1.6	1	428.7	0.05	0.03	0.7	100	0.17	0.3	11	0.3	1.73	829.4	0.8
1731880	0.02	1.54	3.4	3.3	0.8	0.8878	1.34	0.084	0.15	29.2	0.591	58.84	10	3	56.8	0.014	1.22	1.23	1.2	2	1	479.6	0.05	0.03	0.8	80	0.05	0.3	12	0.3	1.95	1929.2	2.5
1731881	0.05	2.94	4.8	4.5	1.21	1	1.94	0.122	0.23	31.9	1.55	69.19	10	5	107.6	0.007	1.68	1.49	1.9	2.7	1.5	426.5	0.05	0.02	0.7	130	0.08	0.4	15	0.3	2.32	1939.4	1.1
1731882	0.03	1.55	2	2.2	1.01	1	0.79	0.049	0.12	45.1	0.62	45.63	10	4	71.2	0.008	1.39	0.75	0.9	1.7	0.8	865.7	0.05	0.04	0.3	60	0.03	0.2	6	0.1	1.16	1714.7	1.9
1731884	0.02	2.07	1.8	1.9	0.86	1	0.83	0.069	0.1	32.5	0.545	52.45	10	2	77.8	0.009	1.99	0.74	0.6	1.7	0.9	680.5	0.05	0.07	0.3	50	0.02	0.1	7	0.1	0.98	1263.8	1.6
1731885	0.02	0.91	1.4	1.6	0.62	1	0.45	0.038	0.1	27.5	0.317	22.42	10	2	31	0.004	0.67	0.49	0.5	0.8	0.5	566	0.05	0.02	0.3	50	0.06	0.1	5	0.1	0.71	1255.1	1.2

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731886	0.03	2.07	1.9	1.8	0.66	0.7378	0.81	0.064	0.11	14	0.458	44.14	10	2	56.7	0.005	3.57	0.83	0.8	1.6	0.9	765.6	0.05	0.03	0.4	50	0.05	0.2	7	0.2	1.21	1114	1.9
1731887	0.04	1.33	2.3	1.9	0.7	0.3562	0.88	0.053	0.13	12.3	0.532	68.06	10	2	54.3	0.008	2.25	1.11	0.9	2.1	1.4	1860.4	0.05	0.04	0.5	60	0.02	0.2	7	0.2	1.33	2480.4	2.3
1731888	0.02	0.74	1.3	1	0.33	0.2629	0.39	0.029	0.07	5.2	0.306	37.74	10	2	25.2	0.001	0.63	0.54	0.5	1.1	0.5	1329.4	0.05	0.02	0.2	30	0.02	0.1	4	0.1	0.83	1026.3	1.2
1731889	0.03	0.87	1.7	1.3	0.43	0.4015	0.82	0.04	0.14	9.9	0.376	39.4	10	2	28.1	0.004	1.22	1.08	0.6	2.1	0.8	1493.8	0.05	0.08	0.4	50	0.02	0.2	8	0.2	0.96	1235.4	1.7
1731890	0.04	2.32	2	1.6	0.39	0.7328	0.82	0.038	0.1	9.5	0.545	68.86	10	3	64.3	0.001	1.11	1.21	0.8	1.8	1.3	805.1	0.05	0.06	0.4	60	0.03	0.2	9	0.1	1.1	1317.9	1.9
1731891	0.06	1.63	3.6	2.8	0.59	0.8369	1.28	0.067	0.2	14.3	0.558	93.36	10	3	50.7	0.006	3.04	1.98	1.2	2.9	2	1081.5	0.05	0.09	0.6	90	0.07	0.4	16	0.3	2.09	1412.5	3.6
1731892	0.04	0.55	1.7	1	0.23	0.1818	0.64	0.028	0.12	8.1	0.285	45.04	10	2	18.1	0.004	1.87	0.96	0.7	2.1	0.8	586.4	0.05	0.07	0.4	40	0.04	0.2	7	0.1	1.01	1009.6	1.8
1731894	0.03	0.66	1.9	1.3	0.25	0.1896	0.72	0.027	0.17	7.7	0.248	53.55	10	2	22.6	0.001	1.67	1.05	0.7	1.5	0.9	795.4	0.05	0.02	0.4	40	0.06	0.2	8	0.1	1.12	952.2	1.9
1731895	0.02	0.56	1.3	1.2	0.27	0.2722	0.45	0.023	0.09	5.1	0.238	35.91	10	2	15.8	0.005	0.68	0.63	0.5	1.3	0.6	781.2	0.05	0.02	0.3	30	0.05	0.1	5	0.1	0.79	936.5	1.4
1731896	0.05	0.77	2.8	1.5	0.2	0.1806	0.98	0.035	0.16	8	0.401	86.33	10	3	24.4	0.003	0.97	1.54	0.9	2.6	1.2	723.6	0.05	0.12	0.6	50	0.08	0.3	13	0.1	1.83	744.9	2.5
1731897	0.02	0.73	1.6	1.1	0.22	0.153	0.47	0.032	0.11	4.8	0.246	37.47	10	2	23.7	0.001	1.64	0.8	0.6	1.6	0.8	544.7	0.05	0.08	0.3	30	0.02	0.1	6	0.1	0.93	717.2	1.6
1731898	0.03	0.56	2	1.2	0.24	0.1871	0.61	0.023	0.12	7.4	0.277	48.11	10	2	19.5	0.002	1.03	1	0.8	1.9	0.9	515.2	0.05	0.02	0.4	40	0.05	0.2	7	0.1	1.14	845.8	1.9
1731899	0.02	0.75	2.1	1.5	0.37	0.1936	0.63	0.026	0.13	7.2	0.308	55.43	10	3	23.3	0.002	1.14	0.99	0.8	1.6	0.9	919.7	0.05	0.02	0.5	50	0.08	0.2	8	0.1	1.22	1029.1	2.1
1731900	0.03	0.79	1.3	1.2	0.28	0.1476	0.4	0.028	0.1	5.9	0.243	37.96	10	2	25.5	0.001	0.96	0.58	0.6	1.2	0.5	887.8	0.05	0.02	0.3	30	0.04	0.1	4	0.1	0.72	997.7	1.3
1731901	0.02	0.42	1.1	0.7	0.24	0.1688	1	0.026	0.08	5.8	0.211	13.64	10	2	11.4	0.003	0.72	0.69	1.3	0.5	0.7	671.3	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.79	1263.4	1.1
1731903	0.03	0.86	2.3	1.6	0.31	0.1525	0.9	0.063	0.22	7.8	0.299	33.71	10	2	29.7	0.001	2.92	1.4	2.4	1.7	1.3	744.7	0.05	0.11	0.5	70	0.02	0.2	10	0.2	1.38	776.8	2.3
1731904	0.03	0.69	2.6	1.6	0.34	0.2744	1.13	0.064	0.14	8	0.405	27.82	10	2	20.3	0.001	1.18	1.28	1.9	1.2	1.5	1021.2	0.05	0.11	0.4	80	0.02	0.2	9	0.3	1.55	1022	2.1
1731905	0.03	0.61	2.2	1.3	0.28	0.2589	0.95	0.052	0.14	8.7	0.34	26.91	10	2	20.1	0.008	1.05	1.41	1.5	1	1.3	1147.7	0.05	0.1	0.4	70	0.02	0.2	9	0.2	1.7	1052.5	1.8
1731906	0.02	1.92	1.7	1.2	0.35	0.127	0.67	0.08	0.12	7.9	0.293	24.7	10	2	49.9	0.007	2.24	0.55	1.3	0.8	0.8	925.3	0.05	0.05	0.2	50	0.02	0.1	5	0.2	1.01	1898	1.5
1731907	0.05	1.43	3.1	2.6	0.79	1	1.19	0.119	0.21	18.1	0.669	42.64	10	3	33.9	0.002	2.01	1.42	2.2	1.3	1.6	397.1	0.05	0.09	0.5	100	0.02	0.3	12	0.2	1.67	2809.3	2.3
1731908	0.06	1.05	2.9	2	0.56	1	1.08	0.082	0.21	29.7	0.546	36.78	10	2	32.2	0.002	1.6	1.37	2.1	1.9	1.6	537.4	0.05	0.05	0.4	90	0.02	0.3	11	0.2	1.82	2200.3	2.2
1731909	0.04	1.34	2.6	2.1	0.66	1	0.75	0.104	0.14	26.7	0.461	27.77	10	2	51.8	0.008	2.65	0.91	1.7	1.2	1.2	469.4	0.05	0.03	0.4	80	0.02	0.2	8	0.2	1.42	1454	1.8
1731910	0.05	1.33	2.5	1.8	0.67	1	1.23	0.095	0.15	27.2	0.591	38.7	10	3	53.5	0.015	1.24	1.39	1.9	1.5	1.3	602.7	0.05	0.11	0.3	80	0.02	0.3	10	0.2	1.53	1881.6	2.1
1731911	0.04	0.7	2.1	1.3	0.28	0.2508	0.78	0.058	0.16	8.4	0.349	22.92	10	5	22.1	0.002	0.96	1.21	1.9	1	1.2	844.4	0.05	0.12	0.3	60	0.02	0.2	7	0.1	1.12	1262.5	1.7
1731912	0.03	0.65	2.4	1.2	0.18	0.1001	0.78	0.054	0.13	5.8	0.295	24.02	10	2	20	0.005	1.66	1.14	1.7	1.1	1.2	640.5	0.05	0.09	0.4	60	0.02	0.2	8	0.2	1.4	691.6	2
1731914	0.02	0.53	1.7	1.1	0.28	0.1469	0.53	0.037	0.14	6.8	0.192	16.74	10	3	16.7	0.002	0.8	0.74	1.2	0.8	0.7	1105.7	0.05	0.04	0.3	50	0.02	0.2	5	0.1	0.93	813.5	1.3
1731915	0.02	0.38	0.5	0.5	0.23	0.1223	0.19	0.022	0.03	1.3	0.135	5.68	10	2	11.7	0.002	0.36	0.23	0.6	0.3	0.2	1230.4	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.27	1362.5	0.4
1731916	0.04	0.92	2.8	1.6	0.39	0.2224	0.95	0.055	0.13	8.8	0.438	33.68	10	5	35.7	0.007	1.63	1.26	1.7	1	1.1	1022.1	0.05	0.06	0.5	80	0.02	0.2	9	0.2	1.59	1361.1	2.2
1731918	0.02	1.14	1.7	1.5	0.32	0.1376	0.67	0.063	0.34	8.7	0.279	17.22	10	2	38.4	0.005	1.7	0.84	1.6	0.8	1.2	1033.8	0.05	0.04	0.3	60	0.02	0.2	6	0.2	1.01	1729.4	1.6
1731919	0.02	1.56	2.1	1.9	0.8	1	0.51	0.09	0.11	25.7	0.588	28.15	10	6	80.4	0.01	1	0.97	1.6	1.5	0.8	868.3	0.05	0.02	0.3	80	0.02	0.2	7	0.1	1.18	1413.3	1.4
1731920	0.03	0.88	1.2	1	0.52	1	0.33	0.036	0.09	15.5	0.337	17.5	10	2	39.6	0.002	1.09	0.49	0.9	0.7	0.6	515.5	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.74	1587	0.9
1731921	0.03	0.88	1.5	1.2	0.61	1	0.34	0.038	0.12	32.4	0.43	23.96	10	2	39.3	0.001	0.6	0.6	1.1	0.8	0.6	706.5	0.05	0.07	0.2	60	0.02	0.1	4	0.1	0.83	1505.2	1
1731922	0.06	3.58	1.9	3	1.56	1	0.48	0.123	0.26	32.6	1.118	24.03	10	2	175.9	0.01	1.04	0.65	2.2	1.1	0.7	817	0.05	0.02	0.3	120	0.02	0.1	5	0.2	0.88	1646.2	1.4
1731923	0.02	3.26	1.5	1.7	0.54	1	0.55	0.099	0.15	16.2	0.538	31.82	10	5	119	0.008	1.53	0.67	1.2	0.8	0.7	919.3	0.05	0.15	0.2	60	0.02	0.1	5	0.1	0.95	1515.8	1.3
1731924	0.02	1.27	1.5	1.7	0.64	1	0.39	0.05	0.16	22.5	0.519	22.12	10	3	54.7	0.003	0.8	0.49	1.3	0.7	0.7	992.2	0.05	0.02	0.2	60	0.02	0.1	4	0.1	0.75	1329.5	1.1
1731926	0.02	2.12	1.2	1.4	0.73	0.7621	0.24	0.054	0.11	11.9	0.448	24.9	10	2	74	0.003	0.66	0.4	1.2	0.4	0.4	1035.6	0.05	0.02	0.1	50	0.02	0.1	3	0.1	0.62	1678.4	0.9
1731927	0.03	1.57	1.8	6.4	0.79	1	0.58	0.084	0.11	25.3	0.658	33.7	10	3	62.8	0.008	1.19	0.85	1.5	1	0.9	770.6	0.05	0.03	0.3	70	0.02	0.1	6	0.1	0.97	1654.6	1.4
1731928	0.02	1.49	1.8	2.6	0.87	1	0.6	0.05	0.13	21.9	0.652	30.76	10	3	66	0.005	1.04	0.77	1.4	1.2	0.7	975.9	0.05	0.09	0.3	70	0.02	0.1	5	0.2	1.02	975.1	1.3
1731929	0.02	1.87	2.3	1.9	0.63	1	0.2	0.042	0.08	13.4	0.425	18.04	10	2	76	0.002	0.5	0.27	1.1	0.5	0.3	853.9	0.05	0.05	0.1	40	0.02	0.1	2	0.1	0.4	1245.8	0.7
1731930	0.03	1.13	1.2	1.8	0.52	1	0.35	0.045	0.08	13.3	0.398	22.95	11	2	59.9	0.013	0.85	0.47	0.8	0.9	0.5	961.7	0.05	0.02	0.2	50	0.02	0.1	3	0.1	0.69	1001.9	0.9
1731931	0.03	1.42	1.7	1.8	0.59	1	0.6	0.039	0.11	17.2	0.472	36.67	10	6	64.1	0.003	1.31	0.61	1.1	0.8	0.7	1196.3	0.05	0.02	0.2	50	0.02	0.1	5	0.1	1.04	1239	1.3
1731932	0.02	1.65	1.6	2.5	0.54	0.8318	0.62	0.055	0.14	18.4	0.451	38.18	10	3	80	0.005	3.33	0.74	1	1.1	1	772	0.05	0.06	0.2	50	0.03	0.1	5	0.1	0.98	1245.2	1.5
1731934	0.03	1.69	1.6	2.4	0.76	1	0.54	0.057	0.13	19.2	0.54	40.95	10	4	85.6	0.004	1.18	0.74	1.1	1.1	0.9	1005.8	0.05	0.02	0.2	60	0.02	0.1	6	0.2	0.96	1429.8	1.4
1731935	0.02	1.14	1.3	1.8	0.43	0.6879	0.44	0.045	0.09	7.3	0.372	27.46	10	3	52.9	0.012	0.88	0.45	0.9	0.8	0.6	846.3	0.05	0.02	0.2	50	0.02	0.1	4	0.1	0.84	1910.3	1.2
1731936	0.03	1.34	1.1	1.7	0.46	0.5233	0.34	0.063	0.11	6.1	0.319	25.54	10	3	56.4	0.001	0.57	0.43	1.2	0.6	0.6	454	0.05	0.02	0.2	50	0.02	0.1	4	0.1	0.67	1417.4	1
1731937	0.02	0.92	1.1	1.9	0.48	0.7389	0.32	0.039	0.1	9.2	0.299	20.63	10	2	41.7	0.004	0.91	0.53	0.7	0.6	0.6	717.8	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.7	1567.4	1
1731938	0.05	1.26	2.4	3	0.5	0.4722	0.84	0.065	0.16	13.5	0.422	43.71	10	2	49	0.015	1.3	1.27	1.5	1.4	1.2	807.8	0.05	0.07	0.4	80	0.02	0.2	9	0.2	1.36	1425.4	2
1731939	0.04	1.87	3.3	5.9	0.85	0.9636	1.2	0.104	0.19	25.3	0.741	67.35	10	2	87.5	0.005	0.96	1.41	2.1	1.4	1.4	852.5	0.05	0.02	0.6	110	0.02	0.2	11	0.2	1.79	1755.1	2.4
1731940	0.02	1.46	3.4	5.2	0.67	0.8911	0.94	0.102	0.18	29.9	0.541	38.64	10	3	53.7	0.008	1.31	1.15	1.7	1.8	1.1	572.1	0.05	0.02	0.5	90	0.02	0.2	10	0.2	1.8	1493.5	2.5
1731941	0.03	1.08	3	4.5	0.56	1	0.94	0.089	0.18	25.2	0.583	27.67	10	2	49.1	0.005	0.98	1.07	1.6	1.3	1.1	537.3	0.05	0.03	0.5	90	0.02	0.2	9	0.2	1.65	1365.7	2.3
1731942	0.03	1.89	2.7	3.9	0.58	1	0.71	0.08	0.2	28.8	0.525	38.18	10	2	72.1	0.008	1.75	0.89	1.5	1.4	1.2	436.1	0.05	0.14	0.3	80	0.03	0.2	8	0.2	1.51	1374.2	2.1
1731943	0.02	2.27	3.1	17.9	0.52	1	0.96	0.232	0.21	36.4	0.791	29.22	10	2	62.7	0.005	1.4	1.15	2.3	1.1	1.2	313.5	0.05	0.02	0.6	120	0.03	0.2	12	0.2	1.39	767.8	2.1
1731944	0.04	1.52	3	6.3	0.98	1	0.87	0.105	0.2	31.8	0.772	46.63	10	4	83.4	0.009	0.88	1.19	1.8	1.5	1	830.5	0.05	0.09	0.4	90	0.03	0.2	10	0.2	1.46	2084.2	2.1
1731945	0.04	2.64	4.1	33.3	1.26	1	1.55	0.346	0.22	40.5	1.572	24.18	10	2	142.7	0.005	1.64	2.1	2.7	2.1	1.7	840.6	0.05	0.03	0.7	150	0.04	0.3	13	0.3	2.03	1670.1	1.1
1731946	0.03	2.07	1.7	8.2	1.18	1	0.51	0.147	0.13	21.1	0.855	13.21	10	4	104.9	0.001	0.69	0.52	2	1	0.6	922.1	0.05	0.02	0.4	90	0.02	0.1	4	0.1	0.84	2817.6	1.3
1731947	0.03	1.73	2.1	8.8	0.89	1	0.88	0.145	0.19	20	0.79	31.81	10	2	101.4	0.005	0.98	0.96	1.8	0.9	1.1	684.4	0.05	0.04	0.4	90	0.06	0.2	7	0.2	1.16	1686	1.7
1731949	0.03	1.1	1.6	5.6	0.8	0.8656	0.55	0.097	0.84	8.2	0.472	28.57	10	2	55.2	0.008	0.83	0.72	1.2	0.9	0.7	1291.9	0.05	0.02	0.3	60	0.02	0.1	5	0.1	0.76	1712.4	1.1
1731950	0.02	0.99	1.3	5.5	0.48	0.9507	0.49	0.088	0.13	14.4	0.45	20.81	10	2	41.4	0.002	0.68	0.69	1.1	1.1	0.6	739	0.05	0.02	0.2	60	0.02	0.1	4	0.2	0.71	1396.5	1.2
1731951	0.02	2.14	1.1	4.2	0.92	0.8504	0.41	0.087	0.16	19.7	0.449	24	10	3	90.6	0.001	0.54	0.35	1.2	0.6	0.2	1156.2	0.05	0.02	0.1	50	0.02	0.1	2	0.1	0.51	3083.8	0.8
1731952	0.02	1.24	1.2	3.6	0.68	1	0.35	0.078	0.14	18.5	0.445	26.46	10	4	51.6	0.001	0.58	0.55	1	0.7	0.5	1048.1	0.05	0.02	0.1	50	0.02	0.1	4	0.1	0.64	1795	0.9
1731953	0.02	2.02	1.2	10.3	1.2	1	0.33	0.109	0.16	17.8	0.543	30.8	10	2	77.5	0.003	0.66	0.53	1.3	0.5	0.5	1021.7	0.05	0.02	0.1	60	0.02	0.1	3	0.1	0.59	1552.8	0.9
1731954	0.02	2.04	1.1	3.2	0.45	0.5078	0.28	0.083	0.08	8.9	0.378	16.66	10	2	64.7	0.003	0.51	0.27	0.9	0.5	0.3	1041.6	0.05	0.02	0.1	40	0.02	0.1	2	0.1	0.5	1430	0.7
1731955	0.03	2.75	1.3	7.4	0.73	1	0.47	0.137	0.16	10.8	0.549	34.79	10	2	93.3	0.001	0.64	0.54	1.6	0.6	0.5	664.1	0.05	0.02	0.2	80	0.02	0.1	4	0.1	0.66	1595.9	1.1
1731956	0.02	1.84	1.8	17.1	0.76	1	0.54	0.164	0.19	17.1	0.757	40.67	10	3	69.7	0.004	1.38	0.75	1.7	1.3	0.9	1701.7	0.05	0.02	0.2	80	0.02	0.2	5	0.1	0.9	1828	1.4

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
1731957	0.04	1.48	1.6	8.8	0.52	0.5166	0.55	0.125	0.17	8.2	0.438	36.62	10	2	70.3	0.005	0.75	0.8	1.6	1.2	0.6	688.8	0.05	0.02	0.3	70	0.02	0.1	5	0.1	0.94	1613.5	1.4
1731958	0.02	1.3	1.4	5.3	0.55	0.6383	0.42	0.114	0.14	9.6	0.396	30.98	10	2	47.4	0.003	0.88	0.57	1.4	1.1	0.6	1064	0.05	0.03	0.2	60	0.02	0.1	4	0.1	0.76	1963.5	1.3
1731959	0.02	2.14	0.9	4.3	0.92	1	0.17	0.108	0.12	11.9	0.365	16.35	10	2	57.4	0.008	0.63	0.31	1.2	0.5	0.4	875.8	0.05	0.02	0.1	50	0.02	0.1	2	0.1	0.5	1829.1	0.8
1731960	0.02	1.06	1.7	11	0.91	0.7854	0.41	0.129	0.16	15.6	0.517	26.51	10	2	47.3	0.001	0.74	0.68	1.9	1	0.6	1027.1	0.05	0.02	0.2	80	0.02	0.1	4	0.1	0.95	2062.8	1.5
1731961	0.02	3.75	1.7	4.5	0.61	0.7525	0.54	0.09	0.14	13.3	0.457	55.35	10	2	106.2	0.005	0.62	0.58	1.1	0.8	0.5	888	0.05	0.02	0.2	50	0.02	0.1	4	0.2	0.91	1853.6	1
1731962	0.04	2.18	1.7	4.5	0.9	1	0.44	0.075	0.14	16.1	0.547	32.67	10	2	71.1	0.011	1.45	0.74	1.1	0.9	0.8	759.5	0.05	0.02	0.2	60	0.02	0.1	5	0.1	0.99	2303.9	1.5
1731963	0.02	1.85	0.6	1.8	0.41	0.2815	0.28	0.044	0.04	5.5	0.26	16.55	10	2	69.4	0.001	0.34	0.24	0.7	0.3	0.2	798.7	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.36	1412.3	0.4
1731965	0.02	3.01	1.5	3.7	0.8	0.8545	0.42	0.083	0.15	15.1	0.507	33.09	10	4	94.8	0.011	0.53	0.54	1.1	0.7	0.4	834.5	0.05	0.02	0.2	60	0.02	0.1	4	0.1	0.82	2010.6	1.2
1731966	0.03	2.43	1.5	4.6	0.81	1	0.59	0.073	0.11	19.1	0.511	44.92	10	2	91.8	0.008	1	0.58	0.9	1	0.6	954.9	0.05	0.02	0.2	50	0.02	0.1	4	0.1	0.83	1920.8	1
1731967	0.05	1.63	2.4	6.2	1.02	1	0.52	0.095	0.19	28.3	0.679	60.18	10	4	82.4	0.005	0.7	0.94	1.3	1.1	1	582.2	0.05	0.02	0.3	70	0.02	0.2	7	0.1	1.26	1858.3	1.4
1731968	0.02	2.61	1	4.7	0.5	0.47	0.49	0.092	0.09	7.6	0.359	22.39	10	3	79.8	0.001	0.41	0.36	0.8	0.8	0.4	760.8	0.05	0.02	0.1	40	0.02	0.1	3	0.1	0.48	1254.1	0.7
1731969	0.02	1	1.3	4.1	0.43	0.3129	0.57	0.06	0.1	6.8	0.399	30.35	10	4	31.4	0.007	1.02	0.81	0.8	0.6	0.7	1251.9	0.05	0.02	0.2	40	0.02	0.1	5	0.2	0.75	1876.5	1
1731970	0.06	1.4	2.2	6.5	0.4	0.2804	1.06	0.117	0.15	14.2	0.482	38.54	10	7	43.8	0.007	3.94	1.39	1.7	1.9	1.5	944.7	0.05	0.02	0.3	70	0.02	0.2	10	0.2	1.42	1589.6	2
1731971	0.04	1.29	2	7.3	0.78	0.6717	0.68	0.123	0.1	20.7	0.575	22.15	10	5	40.7	0.002	0.67	0.9	1.3	1	0.5	434.4	0.05	0.02	0.3	80	0.02	0.2	7	0.2	1.1	1712.3	1.7
1731972	0.03	1.02	2	4.1	0.43	0.6945	0.55	0.097	0.16	15.1	0.465	27.68	10	3	48.4	0.009	1.47	0.84	1.3	1	1.1	583	0.05	0.08	0.2	70	0.02	0.2	6	0.1	1.1	1038.3	1.6
1731973	0.02	1.49	1.8	3	0.53	1	0.45	0.074	0.14	14.7	0.445	28.99	10	2	61.4	0.007	1.5	0.62	1.2	0.7	0.8	664.7	0.05	0.02	0.2	60	0.02	0.1	6	0.1	0.96	1337.6	1.4
1731975	0.02	0.82	1.1	3.4	0.42	0.6278	0.49	0.074	0.1	19.7	0.353	18	10	2	27.9	0.007	0.51	0.65	0.8	0.6	0.5	422.6	0.05	0.02	0.2	40	0.02	0.1	4	0.1	0.63	1362.6	0.9
1731976	0.05	1.69	3.1	4.8	0.44	0.3121	1.33	0.125	0.22	9.5	0.675	61.04	10	2	64.4	0.012	0.93	2.11	1.5	2.3	1.6	818.4	0.05	0.09	0.4	90	0.02	0.3	13	0.3	1.75	1852.6	2.3
1731977	0.08	1.37	2.9	4.3	0.57	0.5139	1.06	0.112	0.15	13.8	0.62	38.26	10	4	48	0.007	1.56	1.4	1.6	1.5	1.4	749.5	0.05	0.02	0.4	80	0.02	0.3	11	0.2	1.68	1688.2	2.4
1731978	0.02	1.01	1.7	4.3	0.43	0.8442	0.59	0.089	0.11	13.6	0.431	24.01	10	2	34.1	0.002	1.19	0.72	1.3	0.8	0.8	583.7	0.05	0.02	0.2	50	0.02	0.1	6	0.1	1.01	1550.3	1.5
1731979	0.04	1.23	2.6	10.4	0.82	0.8672	0.74	0.146	0.15	21.2	0.64	29.97	10	2	55.9	0.001	0.85	1.02	1.6	1.3	1.1	640.3	0.05	0.02	0.4	90	0.02	0.2	7	0.1	1.38	2179.8	2
1731980	0.03	0.94	1.9	5.7	0.54	0.6754	0.63	0.121	0.2	17.4	0.547	20.48	10	2	52.2	0.002	0.68	0.75	1.4	0.8	0.7	473.3	0.05	0.02	0.3	100	0.02	0.2	7	0.1	1	1084.6	1.5
1731981	0.02	0.68	1.8	3.7	0.4	0.8156	0.65	0.073	0.12	19.5	0.401	18.65	10	2	25	0.005	0.55	0.74	1	0.9	0.5	622.5	0.05	0.02	0.3	60	0.02	0.1	4	0.1	0.95	1275.4	1.4
1731982	0.02	0.74	1.7	5.2	0.56	1	0.37	0.091	0.12	22.7	0.468	15.41	10	4	19.2	0.001	0.59	0.72	1.1	0.7	0.7	581.1	0.05	0.02	0.3	60	0.02	0.1	5	0.1	0.85	1772.9	1.3
1731983	0.04	0.98	2.4	5.5	0.47	0.7017	0.71	0.104	0.16	23.3	0.595	22.3	10	2	37.1	0.003	0.63	0.96	1.4	1.2	0.9	526.5	0.05	0.03	0.3	80	0.02	0.2	7	0.2	1.23	1348.8	2
1731984	0.03	2.13	1.7	6.5	0.93	1	0.54	0.144	0.2	17.6	0.709	36.8	10	2	76.5	0.003	0.63	0.83	1.7	1.1	0.7	502.8	0.05	0.02	0.2	80	0.02	0.1	6	0.1	0.98	2634.4	1.7
1731985	0.05	1.04	3	6.4	0.43	0.8621	0.91	0.105	0.15	21.7	0.485	26	10	4	28.6	0.002	1.29	1.34	1.9	1.5	1.2	437.4	0.05	0.09	0.6	90	0.02	0.2	11	0.2	1.82	1718.3	2.6
1731986	0.02	0.83	2.1	5.1	0.7	1	0.41	0.087	0.11	30.4	0.454	18.5	10	2	29.6	0.003	0.79	0.74	1.5	0.9	0.9	452.5	0.05	0.12	0.3	70	0.02	0.2	5	0.2	1.12	3835.4	1.9
1731988	0.03	0.7	2.3	6.7	0.38	0.5269	0.65	0.14	0.19	9.1	0.412	20.89	10	5	16.4	0.002	0.95	1.12	1.7	1.2	1	845	0.05	0.02	0.4	80	0.02	0.2	8	0.2	1.3	1514.6	2
1731989	0.03	0.59	1.5	2.7	0.28	0.3134	0.44	0.062	0.1	5.1	0.317	16.38	10	2	16.3	0.001	1.43	0.71	1.2	0.8	0.8	825.8	0.05	0.08	0.2	40	0.02	0.1	6	0.1	0.82	1431.8	1.4
1731990	0.04	0.83	2.3	8.8	0.54	0.4232	0.73	0.151	0.2	11.8	0.577	19.89	10	7	23.1	0.003	1.07	1.42	1.8	2.1	1.4	1105	0.05	0.16	0.4	80	0.02	0.2	9	0.2	1.23	1770.5	2
1731991	0.02	0.54	1.7	4.8	0.29	0.2589	0.63	0.101	0.12	6.2	0.395	28.05	10	2	14.9	0.001	0.86	0.9	1.4	1.2	0.7	810.7	0.05	0.02	0.3	60	0.02	0.1	6	0.1	0.96	1254.9	1.5
1731992	0.04	1.62	2.2	3.9	0.95	1	0.88	0.101	0.15	25.5	0.847	55.27	10	3	66.8	0.015	1.34	0.97	1.5	2.4	1.2	618.8	0.05	0.13	0.3	90	0.02	0.2	6	0.3	1.08	2236.2	1.8
1731994	0.02	0.83	1.3	3.9	0.54	1	0.41	0.08	0.1	26.8	0.441	17.12	10	4	26.4	0.001	0.54	0.49	1.2	0.6	0.3	469.8	0.05	0.03	0.2	50	0.02	0.1	4	0.1	0.71	1691.1	1.9
1731995	0.07	1.01	2.5	6.4	0.7	0.9026	1.22	0.158	0.24	13.7	0.668	41.99	10	2	28.4	0.001	1.42	1.51	2	2.9	1.4	981.4	0.05	0.05	0.4	100	0.02	0.3	9	0.2	1.6	2043.8	2.9
1731996	0.03	1.62	1.7	13.8	0.88	1	0.75	0.179	0.14	20.2	0.646	23.05	10	2	65.4	0.006	0.69	0.63	0.8	0.7	0.7	883.3	0.05	0.13	0.2	70	0.02	0.1	6	0.1	0.85	1394	1.3
1731997	0.02	2.2	1.2	23.7	0.79	1	0.63	0.14	0.13	14.6	0.746	16.43	10	2	110.4	0.005	0.74	0.51	0.8	0.6	0.5	930	0.05	0.17	0.2	80	0.02	0.1	5	0.1	0.63	1338.4	1.2
1731998	0.02	3.66	0.5	6.3	0.77	0.9676	0.25	0.087	0.06	6.9	0.295	7.17	10	2	140.6	0.002	0.32	0.17	0.4	0.7	0.2	1033.3	0.05	0.13	0.1	30	0.02	0.1	2	0.1	0.26	1568.9	0.4
1731999	0.02	5	0.5	3.5	0.64	1	0.39	0.102	0.04	7.5	0.32	13.73	10	2	131.4	0.001	0.51	0.2	0.4	0.6	0.1	978.2	0.05	0.03	0.1	20	0.02	0.1	2	0.1	0.3	1447.3	0.4
1732000	0.02	1.05	0.7	3.7	0.41	1	0.19	0.062	0.05	4.2	0.219	8.09	10	3	36.3	0.001	0.35	0.19	0.5	0.7	0.2	1097.2	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.3	1311.1	0.4
2679501	0.03	3.56	1.3	19.9	0.82	0.7227	0.57	0.21	0.13	9.2	0.468	35.56	10	2	113.2	0.003	0.68	0.58	0.9	0.5	0.4	761.8	0.05	0.02	0.2	50	0.02	0.1	5	0.1	0.63	1400.2	1.3
2679503	0.02	3.02	0.9	14.4	0.55	1	0.4	0.178	0.09	11	0.391	20.72	10	2	97.5	0.003	0.65	0.28	0.7	0.6	0.3	938.8	0.05	0.02	0.1	30	0.02	0.1	3	0.1	0.5	1067.2	0.9
2679504	0.04	2.9	2.4	42.5	1.23	1	0.91	0.368	0.21	27.6	1.052	14.66	10	4	146.3	0.008	1.06	0.83	1.7	1.1	1	497.3	0.05	0.03	0.4	100	0.02	0.2	9	0.2	1.17	1076.4	1.7
2679505	0.04	2.77	3.8	92.1	1.85	1	1.37	0.437	0.26	43.6	1.512	41.13	10	4	117.4	0.001	1.55	2.11	1.9	1.6	1.4	911	0.05	0.02	0.6	100	0.02	0.3	15	0.3	2.19	2938.9	1.4
2679506	0.02	2.04	1	14.1	0.54	1	0.31	0.136	0.1	7.6	0.441	20.3	10	4	66.2	0.003	0.63	0.41	0.7	0.5	0.3	872.6	0.05	0.03	0.1	30	0.02	0.1	3	0.1	0.43	1077.3	1
2679507	0.02	2.01	1.7	27.8	0.84	1	0.83	0.223	0.13	17.7	0.628	35.42	10	4	65	0.004	0.94	0.76	1.1	1	0.9	704.7	0.05	0.03	0.2	60	0.02	0.1	8	0.2	0.96	1096.1	1.8
2679508	0.05	3.31	2.2	63.7	1.17	1	1.04	0.422	0.2	17.2	1.299	32.27	10	4	153.9	0.005	1.51	1.11	1.8	2	1.1	730.7	0.05	0.03	0.4	90	0.02	0.2	8	0.4	1.14	1162.9	1.3
2679509	0.02	1.46	1.5	19	0.67	0.5782	0.43	0.2	0.15	9.8	0.394	18.96	10	3	39.6	0.001	0.76	0.65	1	1.2	0.6	971.5	0.05	0.02	0.2	40	0.02	0.1	6	0.1	0.85	1360.2	1.4
2679510	0.02	1.77	1.8	27	0.85	1	0.66	0.215	0.17	16.3	0.598	41.05	10	2	67.2	0.005	0.96	0.88	1.3	1	0.8	634.2	0.05	0.02	0.3	60	0.02	0.1	8	0.1	0.92	1746.4	2
2679511	0.02	2.27	2.2	25.6	0.95	0.9768	0.86	0.262	0.16	18.1	0.704	22.34	10	2	92.1	0.004	0.96	0.83	1.3	1.1	0.8	723.5	0.05	0.03	0.3	70	0.02	0.2	8	0.2	1.16	1365.2	2.1
2679512	0.02	1.19	2.2	16.6	0.7	0.7454	0.59	0.186	0.11	17.6	0.451	13.63	10	2	30.6	0.001	0.66	0.58	1.1	0.8	0.5	785.7	0.05	0.02	0.3	60	0.02	0.1	7	0.1	1.01	1399.2	1.6
2679514	0.02	1.08	2.4	24.8	0.98	0.8825	0.78	0.236	0.21	12.1	0.584	15.88	10	5	28.8	0.002	0.82	1.05	1.5	1.3	0.8	681.1	0.05	0.05	0.4	80	0.02	0.2	8	0.2	1.23	1828.8	2.3
2679515	0.02	1	2	18	0.92	0.7158	0.74	0.184	0.18	8.4	0.471	15.78	10	2	26.4	0.003	0.79	0.73	1.3	0.9	0.8	1004.3	0.05	0.03	0.4	70	0.02	0.2	7	0.1	1.05	2451.9	1.9
2679516	0.03	0.81	2.4	19.8	0.48	0.5986	0.78	0.215	0.17	7.9	0.424	22.21	10	2	23.2	0.001	0.88	1	1.5	1.3	1.2	909.5	0.05	0.02	0.4	70	0.02	0.2	9	0.2	1.31	1483.7	2.2
2679518	0.02	1.07	0.5	7.7	0.45	0.7433	0.17	0.117	0.07	2.7	0.211	8.52	10	2	29.4	0.001	0.43	0.19	0.6	0.7	0.2	895.8	0.05	0.03	0.1	20	0.02	0.1	2	0.1	0.26	1196.3	0.7
2679519	0.02	1.47	0.5	7.4	0.39	0.4652	0.16	0.13	0.04	1.7	0.28	6.58	10	2	41.7	0.001	0.55	0.17	0.6	0.6	0.2	950.3	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.25	1212.6	0.5
2679520	0.02	1.49	1.1	7.7	0.62	0.969	0.4	0.211	0.09	12.1	0.546	12.23	10	2	57.3	0.001	1.43	0.4	0.9	1.4	0.4	620.5	0.05	0.05	0.2	30	0.02	0.1	4	0.1	0.56	800.3	1
2679521	0.02	1.92	0.6	6.5	0.53	0.6203	0.19	0.181	0.08	2.2	0.332	13.12	10	2	40.4	0.003	0.56	0.2	0.7	0.7	0.1	852	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.25	1289.8	0.6
2679522	0.02	4.62	0.6	11.5	0.58	1	0.34	0.219	0.08	3.9	0.364	9.35	10	2	86.1	0.003	0.46	0.18	0.6	0.4	0.1	792.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.34	928.2	0.7
2679524	0.02	1.69	1.5	13.9	0.81	1	0.54	0.243	0.16	15	0.564	23.33	10	5	66.3	0.001	0.74	0.48	1.2	1	0.5	974.1	0.05	0.02	0.2	60	0.02	0.1	6	0.1	0.8	1146	1.4
2679525	0.02	2.13	1.4	16.8	0.75	1	0.65	0.191	0.09	14.6	0.592	40.36	10	2	76.9	0.003	1.07	0.56	0.7	0.7	0.6	513.2	0.05	0.02	0.2	40	0.11	0.1	6	0.1	0.82	1197.3	1.4
2679526	0.04	2.5	1.9	39.3	1.43	1	0.75	0.268	0.14	30.5	0.802	44.69	10	3	124.1	0.004	0.92	0.76	1.1	1	1	878	0.05	0.04	0.3	60	0.52	0.1	7	0.2	0.87	1832.6	2.5
2679527	0.02	1.84	2.2	29.8	1.18	1	0.8	0.234	0.12	24.5	0.952	49.61	10	4	80.4	0.003	0.88	0.64	1	1.3	0.8	988.6	0.05	0.02	0.2	60	0.04	0.2	6	0.2	1.1	2554.6	2.1
2679528	0.02	1.29	1.5	16.9	0.4	1	0.51	0.159	0.09	11.8	0.429	41.91	10	3	51.5	0.009	0.73	0.53	0.6	0.9	0.6	613	0.05	0.06	0.2	30	0.25	0.1	6	0.1	0.83	856.8	1.4

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
2679529	0.03	1.77	1.6	10.5	0.64	1	0.53	0.105	0.1	13.7	0.452	44.94	10	3	66.6	0.002	0.99	0.56	0.6	0.9	0.6	1173.1	0.05	0.02	0.2	40	0.19	0.1	5	0.1	0.87	1447.2	1.3
2679530	0.05	3.25	3	21.9	1.08	1	1.15	0.224	0.16	35.1	0.94	110.84	10	4	135.9	0.027	1.58	1.11	1.4	1.6	1.6	831.8	0.05	0.04	0.4	80	0.14	0.3	11	0.2	1.58	2218.2	3
2679531	0.04	2.43	3	78.1	1.41	1	1.14	0.445	0.15	52	1.32	53.15	10	4	145.3	0.004	1.23	1.47	1.7	1.5	1.7	771.5	0.05	0.02	0.5	90	0.82	0.3	10	0.3	1.44	2995.5	2
2679532	0.05	3.41	1.6	15.5	1.47	1	0.74	0.184	0.12	26	0.849	47.49	10	2	157.1	0.013	1.06	0.56	1	1.2	0.8	640.4	0.05	0.02	0.2	50	1.04	0.1	6	0.1	0.91	2677.4	1.8
2679534	0.05	3.33	2.3	29.8	1.15	1	1.07	0.25	0.16	17	0.824	72.53	10	3	119.7	0.011	1.2	1.02	1.3	1.6	1.3	724.1	0.05	0.02	0.4	80	0.78	0.2	9	0.3	1.15	2553.7	2.5
2679535	0.02	1.48	1.9	19.5	0.65	1	0.54	0.181	0.11	13.2	0.515	46.37	10	3	41.3	0.003	1.16	0.66	0.8	0.9	0.8	612.7	0.05	0.06	0.3	50	0.21	0.1	7	0.2	1	1486.8	1.9
2679536	0.02	1.02	1	10	0.67	1	0.32	0.117	0.07	17.9	0.33	24.92	10	2	31.7	0.001	0.47	0.34	0.7	0.4	0.5	530.4	0.05	0.02	0.2	30	0.03	0.1	4	0.1	0.49	1349.5	1
2679537	0.06	2.22	3.3	16.2	1.38	1	0.93	0.193	0.17	41.3	0.723	61.65	10	2	79.3	0.01	1.79	1.06	1.3	1.4	1.5	947.7	0.05	0.05	0.5	80	0.34	0.2	11	0.2	1.68	3273.4	2.8
2679538	0.02	1.21	1.4	9.7	0.56	1	0.53	0.101	0.12	14.8	0.433	33.08	10	12	35.9	0.005	0.92	0.58	0.7	0.8	0.7	518.2	0.05	0.02	0.2	40	0.23	0.1	5	0.1	0.81	1748	1.7
2679539	0.03	1.46	2.9	14.9	0.7	0.7022	1.03	0.159	0.12	10.7	0.491	64.89	10	4	47.1	0.012	1.4	0.93	1.2	0.8	1.2	963	0.05	0.05	0.5	70	0.19	0.2	10	0.2	1.71	2354.6	2.7
2679540	0.03	2.33	1	7.8	0.43	0.5268	0.39	0.088	0.07	3.8	0.286	24.11	10	5	63.9	0.002	0.99	0.49	0.6	0.5	0.5	1435.6	0.05	0.02	0.2	30	0.04	0.1	4	0.1	0.65	1892.4	1.1
2679541	0.04	1.02	3.4	18.9	0.5	0.5998	1.15	0.173	0.15	10.1	0.506	52.81	10	5	25	0.003	2.24	1.33	1.5	2.2	1.6	1132.8	0.05	0.04	0.5	80	0.02	0.3	15	0.2	1.9	1423.5	3
2679542	0.03	1.04	2.5	14.7	0.46	0.7861	0.89	0.133	0.13	9.4	0.422	43.04	10	2	30.8	0.007	1.83	1.01	1.1	1	1.1	978.3	0.05	0.05	0.5	60	0.02	0.2	9	0.2	1.34	1222.8	2.3
2679544	0.02	1.28	1.5	6.4	0.65	0.9815	0.55	0.112	0.12	8.8	0.385	34.29	10	2	35.1	0.009	1.17	0.6	0.8	0.7	0.8	591.8	0.05	0.02	0.2	40	0.14	0.1	6	0.1	0.88	1391.4	1.3
2679545	0.05	2.77	2	14.6	0.86	1	0.85	0.202	0.13	13.8	0.651	56.65	10	4	65.2	0.017	1.3	0.86	1.1	1.3	1	405	0.05	0.02	0.4	70	0.02	0.2	9	0.1	1.11	1282	2
2679546	0.04	1.66	2.2	6.5	0.97	1	0.65	0.11	0.12	19.9	0.523	41.63	10	3	61	0.007	1.58	0.57	1.1	1.3	1	850.3	0.05	0.04	0.3	60	0.02	0.2	7	0.1	1.29	1832.1	1.7
2679547	0.02	0.89	1.4	6.1	0.59	0.731	0.53	0.074	0.09	17	0.322	23.65	10	3	28.8	0.001	0.83	0.54	0.7	0.5	0.6	629	0.05	0.02	0.2	30	0.02	0.1	5	0.1	0.77	1172.5	1.1
2679548	0.02	3.13	2.9	15.5	1.26	1	1.03	0.211	0.18	23.8	1.097	20.31	10	6	122.3	0.009	0.78	0.85	1.6	1.3	0.9	929.4	0.05	0.02	0.5	80	0.06	0.2	8	0.3	1.59	1489.2	2.1
2679549	0.04	2.27	1.8	22.5	1.23	1	0.77	0.211	0.12	18.7	0.656	53.41	10	4	89.1	0.004	0.93	0.83	1.2	1.1	0.8	801.6	0.05	0.03	0.3	60	0.03	0.1	7	0.2	0.95	1932	2
2679550	0.05	2.31	1.4	7.6	0.88	1	0.62	0.159	0.15	7.4	0.513	30.63	10	2	64.5	0.007	0.88	0.6	1.8	0.7	0.7	1119.3	0.05	0.1	0.3	70	0.02	0.1	5	0.1	1.14	2333.1	1.9
2679551	0.02	2.17	1.1	9.6	0.76	1	0.43	0.163	0.11	14.3	0.388	34.32	10	3	92	0.001	0.61	0.41	2	0.4	0.4	1234.1	0.05	0.16	0.2	50	0.02	0.1	3	0.1	1.05	1826.1	1.3
2679552	0.02	1.73	2	11.1	0.92	1	0.74	0.207	0.18	22.1	0.652	25.99	10	2	81.2	0.009	1.16	0.72	2.2	1.4	0.9	1059.4	0.05	0.09	0.3	90	0.02	0.1	5	0.1	1.4	1962.1	2.2
2679553	0.02	1.48	2.4	15	0.85	1	0.77	0.187	0.19	28.1	0.605	34.06	10	4	75.8	0.003	0.95	1.02	2.6	1.4	0.8	975.1	0.05	0.15	0.5	90	0.02	0.2	7	0.1	1.67	2108.4	2.6
2679554	0.05	1.52	3.3	24.4	0.64	0.6862	1.04	0.257	0.17	11.4	0.619	26.83	10	2	50.8	0.002	1.14	0.95	1.8	2.2	1.3	1171.8	0.05	0.02	0.7	90	0.02	0.2	10	0.2	1.7	1627.4	2.6
2679555	0.02	1.49	1.9	9.5	0.96	0.7493	0.81	0.201	0.15	8	0.542	94.41	10	2	50.8	0.011	1.17	0.81	1.2	1.9	0.9	1641	0.05	0.02	0.4	60	0.02	0.2	7	0.2	1.07	2608.2	1.9
2679556	0.02	2.58	1.8	7	1.1	1	0.8	0.186	0.18	17.9	0.696	41.97	10	3	83.1	0.007	1.18	0.64	1.2	0.8	0.9	916.2	0.05	0.02	0.2	60	0.02	0.1	7	0.1	0.87	1463.7	1.5
2679557	0.02	1.98	1.2	2.4	0.52	0.7494	0.24	0.067	0.06	5.9	0.3	12.46	10	3	47.3	0.006	0.51	0.24	0.5	0.5	0.2	1283.1	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.49	1192.8	0.6
2679558	0.03	1.86	2.1	8.6	1.11	1	0.65	0.122	0.18	35.1	0.718	39.3	10	3	80.5	0.008	0.77	0.64	1.5	0.7	0.9	802.5	0.05	0.04	0.3	60	0.02	0.2	6	0.1	1.12	2901.2	2.2
2679559	0.06	1.71	3	6.1	1.11	1	1.14	0.139	0.17	37.2	0.728	81.29	10	3	76	0.015	1.33	0.97	1.5	1	1.2	939.9	0.05	0.02	0.5	80	0.02	0.3	10	0.2	1.69	2288.3	2
2679560	0.05	2.7	2.9	9	1.66	1	1.08	0.194	0.23	31.5	0.902	56.18	10	6	86.3	0.027	0.99	0.99	1.8	1.2	1.2	561	0.05	0.02	0.5	100	0.02	0.2	10	0.3	1.65	2539.2	2.5
2679561	0.05	1.94	2.5	9.7	1.41	1	0.89	0.157	0.17	53.4	0.862	45.69	10	2	78.4	0.006	1.02	1.06	1.6	1.5	1	1045.6	0.05	0.08	0.3	80	0.02	0.2	9	0.3	1.41	2548.5	2.1
2679562	0.02	1.81	1.7	8.1	1.09	1	0.67	0.13	0.15	45.9	0.771	28.8	10	2	93.5	0.008	0.7	0.61	1.3	1.1	0.7	840.9	0.05	0.02	0.2	60	0.02	0.1	6	0.1	0.88	1870.8	1.5
2679563	0.04	2.11	1.7	8.9	1.14	1	0.74	0.163	0.18	32.8	0.915	31.28	10	3	131.1	0.002	0.8	0.8	1.3	0.8	0.7	1003.1	0.05	0.02	0.2	60	0.02	0.1	6	0.6	0.95	2397.9	1.3
2679565	0.03	1.99	2.9	15.8	0.89	1	1	0.197	0.21	22.2	0.963	25.08	10	3	96.6	0.001	0.73	1.22	2.4	0.9	1.2	738.9	0.05	0.08	0.5	140	0.02	0.2	8	0.3	1.81	1396.1	1.9
2679566	0.03	1.52	2.3	10	0.81	1	0.81	0.125	0.18	18.3	0.623	46.28	10	3	65.9	0.002	0.58	0.95	2.3	1.2	0.9	1506.4	0.05	0.29	0.3	80	0.02	0.2	6	0.1	1.65	1936	1.6
2679567	0.03	2	1.3	9.8	0.7	0.7984	0.55	0.157	0.16	20.7	0.481	29.61	10	2	70	0.001	0.63	0.65	2.1	0.7	0.6	849.6	0.05	0.14	0.2	80	0.02	0.1	4	0.1	1.04	1925.4	1.5
2679568	0.02	1.02	0.8	2.8	0.54	1	0.38	0.059	0.1	13.4	0.33	10.03	10	5	42.9	0.007	0.64	0.32	2.4	0.2	0.4	775	0.05	0.08	0.1	40	0.02	0.1	3	0.1	0.75	1183.3	0.8
2679569	0.02	1.41	0.7	2	0.8	0.5639	0.28	0.053	0.07	10.3	0.328	15.08	10	4	49	0.006	0.37	0.27	1.9	0.3	0.3	1246.1	0.05	0.2	0.1	40	0.02	0.1	2	0.1	0.77	1860	0.6
2679570	0.03	1	1.9	3	0.65	1	0.67	0.08	0.12	23.5	0.549	16.98	10	4	55.8	0.008	0.53	0.69	2.3	0.1	0.7	878.3	0.05	0.12	0.3	70	0.02	0.1	6	0.1	1.38	1435.9	1.3
2679571	0.02	1.17	1.8	4.1	0.84	0.6458	0.41	0.087	0.17	11.7	0.445	25.52	10	3	53.9	0.001	0.43	0.52	2	0.3	0.5	1114.6	0.05	0.1	0.2	60	0.02	0.1	4	0.1	1.3	2177.5	1.4
2679572	0.05	1.7	3.3	38.4	1.1	1	1.13	0.356	0.17	33.6	1.169	45.41	10	6	64.9	0.005	2.04	2.09	2.6	2.3	1.4	830	0.05	0.17	0.5	140	0.02	0.2	10	0.2	2.1	2612.1	1.6
2679573	0.02	1.54	0.7	3	0.55	0.6676	0.2	0.061	0.07	10.7	0.318	8.11	10	2	34.1	0.001	0.33	0.23	0.7	0.6	0.3	871.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.37	1229	0.7
2679575	0.02	1.73	1.5	13.6	0.76	0.7059	0.29	0.116	0.16	6.6	0.511	17.91	10	5	56.7	0.001	0.46	0.41	0.9	0.5	0.3	1243.9	0.05	0.02	0.2	40	0.02	0.1	3	0.7	0.57	1212.8	1
2679576	0.02	1.79	1.3	6	0.83	1	0.59	0.101	0.17	17.5	0.633	17.06	10	2	62.2	0.005	0.58	0.58	1.2	1.1	0.5	892.6	0.05	0.02	0.2	50	0.02	0.1	3	0.1	0.77	1108.5	1.5
2679577	0.02	2	1.6	9.8	0.9	1	0.58	0.166	0.2	15.1	0.816	17.07	10	5	56.5	0.001	0.81	0.62	1.4	0.8	0.6	977.5	0.05	0.03	0.2	70	0.02	0.1	5	0.2	0.83	1453.6	1.5
2679578	0.02	1.13	0.5	4	0.76	1	0.16	0.078	0.07	7.6	0.365	7.31	10	2	33.4	0.001	0.47	0.16	0.5	0.5	0.2	744.7	0.05	0.02	0.1	20	0.02	0.1	2	0.1	0.26	1145.9	0.5
2679579	0.02	1.93	1	3.9	0.72	1	0.47	0.121	0.12	10	0.564	14.48	10	2	56.6	0.016	0.78	0.43	0.9	0.7	0.4	853.7	0.05	0.05	0.1	40	0.02	0.1	3	0.1	0.51	1105	0.8
2679580	0.03	2.33	1.5	10.9	0.93	1	0.67	0.138	0.2	15	0.944	21.54	10	2	62.8	0.003	0.76	0.67	1.2	0.9	0.9	1204.3	0.05	0.02	0.2	60	0.02	0.1	4	0.1	0.76	2662.4	2.1
2679581	0.02	1.12	0.9	3.6	0.59	1	0.24	0.071	0.09	8.7	0.48	9.23	10	2	34.3	0.001	0.44	0.24	0.6	0.6	0.3	850.5	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.43	1023.6	0.7
2679582	0.02	0.88	1.9	6.4	0.73	0.8445	0.63	0.121	0.16	19.3	0.604	11.78	10	2	32.2	0.006	0.92	0.68	1.2	0.8	0.7	659.4	0.05	0.02	0.2	50	0.02	0.1	6	0.2	1.07	1081.6	1.6
2679584	0.02	1.48	1.7	5.7	1	0.6222	0.67	0.099	0.15	24.1	0.629	20.95	10	3	66.3	0.008	0.74	0.62	1.2	0.8	0.6	934.2	0.05	0.03	0.3	60	0.02	0.1	5	0.1	0.93	1248.1	1.5
2679585	0.02	1.24	2.9	7.6	0.78	0.9362	0.66	0.134	0.18	17.6	0.639	17.84	10	5	51.3	0.002	0.92	0.75	1.5	1.3	0.9	821.2	0.05	0.02	0.3	90	0.02	0.2	8	0.2	1.59	1245.2	1.9
2679586	0.04	1.37	3.5	5.4	1.08	1	1	0.134	0.23	37.2	0.832	26.78	10	3	56.9	0.004	1	0.88	1.9	1.9	1.1	1005.5	0.05	0.06	0.4	100	0.02	0.2	9	0.2	1.9	1812.1	2.4
2679587	0.02	1.85	1.7	3.3	0.96	1	0.56	0.098	0.15	21.7	0.547	37.38	10	2	78.2	0.005	0.8	0.42	0.8	0.7	0.6	815.7	0.05	0.02	0.2	60	0.03	0.1	6	0.1	0.88	1333.1	1.1
2679588	0.03	1.28	2.9	11.7	1.03	1	0.75	0.118	0.17	34.2	0.676	40.32	10	3	64.7	0.005	0.68	0.78	1.5	1.1	1.1	829.2	0.05	0.02	0.5	80	0.02	0.2	6	0.2	1.4	2763.2	2.5
2679589	0.05	1.78	2.9	5.9	1.11	1	0.86	0.105	0.16	44.5	0.852	54.42	10	2	101.1	0.022	1.02	1.03	1.5	1.1	1.2	1034.9	0.05	0.02	0.5	80	0.02	0.2	8	0.2	1.63	2637.9	2.4
2679590	0.06	1.79	3	8.8	1.25	1	0.88	0.126	0.17	38.9	0.937	64.04	10	3	84.7	0.011	0.93	1.01	1.8	1	1.3	1187.1	0.05	0.04	0.5	80	0.09	0.3	9	0.3	1.65	2426.2	2.5
2679591	0.02	1.98	2.6	5.8	0.9	1	0.74	0.127	0.16	13.7	0.725	15.94	10	4	55.8	0.01	0.83	0.81	1.6	0.9	1	428.4	0.05	0.02	0.5	80	0.02	0.2	8	0.2	1.31	1229.1	2
2679592	0.02	1.07	1.7	4	0.52	0.882	0.55	0.081	0.12	6.4	0.359	12.37	10	2	28.2	0.005	0.45	0.61	0.9	0.5	0.6	527.7	0.05	0.08	0.3	60	0.02	0.1	5	0.1	0.87	1123.9	1.5
2679594	0.02	0.67	1.1	2.5	0.4	0.3645	0.5	0.044	0.1	5	0.274	12.71	10	2	17.5	0.001	0.35	0.49	0.7	0.2	0.4	890.5	0.05	0.14	0.2	40	0.02	0.1	4	0.1	0.68	1301.3	1
2679595	0.02	1.51	3	6.6	0.88	0.5799	0.82	0.094	0.16	9.8	0.723	23.81	10	3	54.4	0.004	0.61	0.73	1.7	0.6	0.8	1332.2	0.05	0.02	0.5	80	0.02	0.2	7	0.2	1.73	1810.8	2.5
2679596	0.02	0.87	1.6	4.3	0.57	0.4909	0.72	0.06	0.12	5.5	0.396	28	10	3	25.9	0.001	0.41	0.7	0.8	1.1	0.5	1978.4	0.05	0.02	0.3	40	0.02	0.1	4	0.1	1.03	2665.8	1.4
2679597	0.02	0.68	1.6	4.3	0.5	0.4815	0.6	0.041	0.1	6.5	0.302	18.09	10	2	17.9	0.001	0.46	0.79	0.8	0.7	0.5	1351.9	0.05	0.02	0.3	40	0.02	0.1	4	0.2	0.92	1942.1	1.2
2679598	0.03	0.83	1.8	7.7	0.39	0.4995	0.7	0.073	0.12	5.8	0.331	23	10	2	21.8	0.001	0.49	0.98	0.9	1	0.9	1189.6	0.05	0.02	0.3	50	0.02	0.2	6	0.1	1.14	1365	1.7

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
2679599	0.02	0.83	1.8	5.7	0.45	0.5292	0.59	0.06	0.14	5.6	0.335	24.17	10	4	21.9	0.001	0.6	0.73	0.9	0.4	0.7	1240.5	0.05	0.02	0.3	40	0.04	0.1	5	0.1	1.04	1377.8	1.6
2679600	0.04	1.44	2.9	6.3	0.71	0.6782	1.01	0.12	0.18	8.9	0.608	20.86	10	7	45.7	0.012	0.61	0.91	1	0.2	1	1326.3	0.05	0.19	0.5	80	0.02	0.2	7	0.2	1.43	1956.4	2.5
2679601	0.04	1.71	4.8	10.2	1.12	1	1.54	0.177	0.21	14	0.837	17.56	10	7	45.8	0.002	1.11	1.73	1.7	2.5	1.4	811.5	0.05	0.02	1	160	0.02	0.4	12	0.3	2.44	2763.7	3.2
2679603	0.03	1.53	3.2	5.8	0.83	0.7078	0.93	0.161	0.28	8.9	0.646	12.69	10	2	38.3	0.001	0.91	0.98	1.2	1.7	0.8	733.4	0.05	0.02	0.7	110	0.02	0.2	8	0.1	1.51	1689.6	2.6
2679604	0.02	1.15	2.2	5	0.66	0.7682	0.73	0.129	0.17	6	0.445	8.59	18	3	31	0.001	0.77	0.63	1	1	0.6	1062.2	0.05	0.02	0.5	80	0.02	0.2	5	0.1	0.99	1729.6	1.6
2679605	0.02	1.33	1.9	3.8	0.95	1	0.63	0.07	0.2	5.9	0.469	21.27	10	2	27.4	0.002	0.6	0.53	0.7	0.4	0.5	799.2	0.05	0.02	0.4	70	0.02	0.1	5	0.3	0.84	1775.7	1.5
2679606	0.02	0.9	1.1	1.5	0.64	1	0.44	0.041	0.08	7.9	0.251	21.97	10	4	18.5	0.001	0.49	0.33	0.6	0.5	0.3	596.8	0.05	0.02	0.2	40	0.02	0.1	2	0.1	0.5	1619	0.8
2679607	0.02	1.64	2	4.3	0.73	0.9359	0.76	0.073	0.16	9.3	0.602	31.66	10	4	29.6	0.002	0.72	0.86	0.6	1.2	0.6	661.5	0.05	0.02	0.4	70	0.02	0.2	5	0.1	1.06	1621.2	1.5
2679608	0.03	0.85	2	3	0.62	0.7374	0.82	0.05	0.11	6.5	0.384	37.01	10	6	20.3	0.002	0.91	0.85	0.8	1.4	0.9	1389.7	0.05	0.02	0.3	60	0.02	0.2	5	0.1	1	2122	1.6
2679609	0.02	1.77	2.1	5.2	0.85	1	0.79	0.094	0.14	7.3	0.632	44.31	10	3	55.5	0.01	0.71	0.81	0.9	0.8	0.7	1172.4	0.05	0.02	0.4	80	0.02	0.2	5	0.1	1.05	2281.5	1.7
2679610	0.02	1.01	2.4	4.4	0.71	1	0.84	0.061	0.13	10.4	0.462	36.4	10	3	28.5	0.001	0.79	0.94	0.9	0.8	0.7	802.1	0.05	0.02	0.5	70	0.04	0.2	6	0.1	1.22	2835.2	1.8
2679611	0.02	0.71	1.5	2	0.46	0.6681	0.44	0.039	0.09	5	0.286	29.64	19	5	20.5	0.007	0.87	0.42	0.7	0.4	0.6	1422.6	0.05	0.05	0.2	40	0.04	0.1	4	0.1	0.83	1997.9	1.1
2679612	0.02	0.99	1.6	7.3	0.62	1	0.55	0.067	0.12	5.4	0.352	28.39	10	2	28.8	0.001	0.86	0.48	0.7	0.5	0.6	1424.8	0.05	0.02	0.3	50	0.03	0.1	3	0.1	0.79	2861.7	1.4
2679613	0.02	2.19	2	5.9	0.88	1	0.86	0.114	0.13	9	0.6	62.19	10	2	61.4	0.016	0.98	0.93	1	1.7	0.8	997.3	0.05	0.02	0.4	80	0.02	0.2	7	0.1	0.94	3020.6	2
2679615	0.03	1.98	2	6.2	0.73	1	0.74	0.092	0.13	19.2	0.592	55.11	10	4	70.8	0.006	0.86	0.74	0.8	1.1	0.8	797	0.05	0.05	0.3	70	0.05	0.1	5	0.1	0.96	2499.1	1.6
2679616	0.03	1.15	1.4	5.3	0.62	1	0.49	0.063	0.11	14.6	0.423	43.21	10	2	46.1	0.001	0.62	0.59	0.7	0.9	0.5	613.4	0.05	0.02	0.3	50	0.05	0.1	4	0.1	0.68	1728.4	1.4
2679618	0.02	1.85	1.6	6.3	0.95	1	0.73	0.086	0.17	13.2	0.487	64.85	16	4	69.3	0.01	0.75	0.71	0.7	1.1	0.6	717	0.05	0.02	0.3	60	0.03	0.1	5	0.1	0.84	1953.9	1.7
2679619	0.02	1.9	1.6	10.7	0.77	1	0.68	0.114	0.14	11.6	0.475	43.9	10	2	66.9	0.005	0.72	0.69	0.7	1.1	0.6	697.6	0.05	0.02	0.3	70	0.02	0.2	5	0.1	0.85	1500.4	1.8
2679620	0.02	0.99	1.1	6.9	0.57	1	0.67	0.065	0.1	8.1	0.365	16.59	10	4	58	0.002	0.64	0.41	0.7	0.4	0.4	1112.3	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.55	984	1.4
2679621	0.02	1.48	2.1	14.4	0.86	1	0.83	0.119	0.16	15.7	0.533	31.06	11	3	60.4	0.007	0.69	0.84	0.9	0.7	0.8	568.9	0.05	0.02	0.4	80	0.02	0.2	6	0.1	1.13	1451.3	2
2679622	0.03	1.81	2.8	12.1	0.82	1	1.2	0.122	0.19	8.9	0.705	42.26	31	4	70.8	0.008	0.76	1.09	1.1	0.9	0.9	1121.1	0.05	0.02	0.7	100	0.02	0.2	7	0.1	1.29	2638.9	2.4
2679624	0.02	0.72	1.2	4.6	0.42	0.8458	0.47	0.043	0.08	6.2	0.247	10.59	10	5	20.9	0.006	0.48	0.44	0.8	0.7	0.3	797.9	0.05	0.04	0.2	40	0.02	0.1	3	0.1	0.57	998.4	0.9
2679625	0.04	1.8	2.3	10.1	1.18	1	0.91	0.096	0.16	37.3	0.593	63.82	10	3	67.6	0.006	0.75	1.05	1	1.1	0.9	821.5	0.05	0.02	0.4	90	0.03	0.2	6	0.1	1.06	2707	1.8
2679626	0.02	1.79	1.5	7.9	1.02	1	0.71	0.088	0.13	23	0.491	48.54	10	2	77.5	0.005	0.64	0.61	0.8	0.9	0.6	677.8	0.05	0.03	0.3	60	0.04	0.1	4	0.1	0.69	2326.3	1.4
2679627	0.05	2.01	2.4	6.7	0.97	1	1.16	0.111	0.13	26.8	0.61	48.68	10	6	72.2	0.018	1.44	1.01	1	1.1	1.1	507.3	0.05	0.05	0.4	80	0.04	0.2	8	0.2	1.26	2105.2	2
2679628	0.03	1.85	2.6	11.2	0.91	1	1.06	0.126	0.19	12.3	0.603	55.2	10	3	77	0.009	0.81	0.97	1	0.9	1	1253.1	0.05	0.02	0.5	80	0.02	0.2	7	0.1	1.26	2909.8	2.1
2679629	0.03	1.4	2	9.2	0.74	0.8129	0.91	0.099	0.17	7.7	0.521	26.77	10	2	50.5	0.005	0.85	0.83	0.9	1	1	1574.1	0.05	0.07	0.4	80	0.02	0.2	6	0.2	0.92	1957.8	2.4
2679630	0.05	1.17	3.7	32.7	0.77	0.8358	1.15	0.202	0.26	12.9	0.63	35.9	10	5	42.9	0.002	0.79	1.28	1.5	1.1	1.5	1382.6	0.05	0.08	0.9	120	0.02	0.3	10	0.2	1.82	2298.1	3.6
2679631	0.02	1.51	3.1	25.9	0.81	1	1.27	0.169	0.17	9.8	0.593	38.8	10	3	53.6	0.001	0.88	1.2	1	1.5	1.3	1270.4	0.05	0.04	0.7	100	0.02	0.3	8	0.1	1.62	3079.4	3.5
2679632	0.06	1.81	3.5	13.9	0.9	1	1.26	0.168	0.2	11.7	0.756	33.96	10	3	70.7	0.012	0.83	1.22	1.1	1.1	1.2	1517.9	0.05	0.04	0.8	110	0.02	0.3	9	0.3	1.63	2345.7	2.9
2679634	0.08	1.87	2.5	14	0.92	1	1.28	0.159	0.2	10.7	0.672	26.14	10	10	61.6	0.002	0.79	1.05	1.4	1	0.9	1492.7	0.05	0.05	0.5	110	0.02	0.2	8	0.2	1.35	2226.1	2.4
2679635	0.06	1.56	3.1	20.9	1.08	1	1.27	0.191	0.2	12.6	0.707	29.68	32	7	55.1	0.005	0.75	1.06	1.5	1.3	1.4	1391.3	0.05	0.09	0.6	130	0.02	0.3	9	0.2	1.71	3235.3	3.9
2679636	0.05	1.91	3.7	23.6	1.48	1	1.61	0.224	0.18	18.7	0.929	42.36	10	9	106.2	0.002	0.99	1.37	1.5	1.6	1.3	1408.5	0.05	0.09	0.7	140	0.02	0.3	10	0.2	2.06	2752.8	3.7
2679637	0.08	2.45	3.4	20	1.21	1	1.52	0.206	0.23	19	1.015	21.88	11	5	89	0.013	0.72	1.14	1.7	1.7	1.3	711.4	0.05	0.02	0.7	160	0.02	0.3	10	0.2	1.67	3021.6	3.1
2679638	0.04	1.49	2	11.6	0.92	1	1.01	0.115	0.16	16	0.642	32.44	10	2	62.6	0.007	0.56	0.99	1.1	0.7	1	859.8	0.05	0.06	0.3	90	0.02	0.2	7	0.1	1.13	2701.7	2.2
2679639	0.04	3.75	3.9	38.5	1.24	1	1.56	0.306	0.21	20.5	1.323	23.12	10	2	128.2	0.008	0.92	1.34	2.2	1.2	1.4	769.9	0.05	0.03	0.8	200	0.02	0.3	12	0.2	2.06	2188.6	2.1
2679640	0.07	1.12	3.2	9.5	0.5	0.5716	1.5	0.12	0.2	13.6	0.472	27.26	10	2	41.4	0.011	0.76	2.39	1.6	2.2	2	1380.8	0.05	0.17	0.6	110	0.02	0.3	12	0.2	1.93	1272.8	3.4
2679641	0.03	0.8	3.1	42.2	0.56	0.7282	0.96	0.234	0.22	11.9	0.432	24.08	14	4	25.2	0.001	0.87	1.62	2.2	0.9	2	1526.8	0.05	0.03	0.7	120	0.02	0.3	10	0.2	1.77	1852.2	4.1
2679642	0.04	1.05	1.9	10.9	0.63	0.7449	1.1	0.098	0.12	9.3	0.417	18.21	10	2	34.9	0.007	1.28	1.19	1	1	1	1761.2	0.05	0.11	0.4	70	0.02	0.2	7	0.1	1.13	1470.4	2.3
2679643	0.06	1.86	2.5	16.2	0.89	1	1.36	0.133	0.14	14.8	0.619	31.54	10	7	60.9	0.011	2.74	1.63	1.3	1.2	1.5	2025.1	0.05	0.02	0.5	110	0.02	0.3	11	0.2	1.78	2902.6	3.3
2679644	0.05	2.03	3.5	11.5	0.9	0.6992	1.82	0.131	0.31	16.2	0.666	42.15	10	3	76.9	0.023	3.3	2.21	1.4	2.3	1.9	1431.5	0.05	0.09	0.7	120	0.02	0.4	13	0.3	2.16	2696.1	3.4
2679646	0.03	0.99	0.9	5.8	0.42	0.4296	0.39	0.074	0.07	6.5	0.239	7.18	10	5	29.1	0.007	0.66	0.5	0.7	0.5	0.4	1556.9	0.05	0.04	0.1	40	0.02	0.1	3	0.1	0.47	1704.6	1.2
2679647	0.02	0.91	0.6	2.4	0.87	0.3474	0.52	0.053	0.07	3.8	0.234	6.88	10	5	29.4	0.002	0.48	0.33	1	0.3	0.3	2490.8	0.05	0.04	0.1	30	0.02	0.1	3	0.1	0.43	3316.3	0.8
2679648	0.02	0.94	1.3	4.2	0.46	0.5392	0.62	0.067	0.13	5.2	0.336	9.29	10	3	33	0.009	0.47	0.56	1.2	0.8	0.6	1865	0.05	0.12	0.2	50	0.02	0.1	4	0.1	0.72	2334.8	1.5
2679649	0.02	1.97	1.2	9	0.82	0.3703	0.6	0.122	0.12	7.1	0.428	8.59	10	2	64	0.007	1.39	0.63	1	1	0.6	1460.7	0.05	0.02	0.3	60	0.02	0.1	4	0.1	0.7	3421.9	1.4
2679650	0.04	1.65	1.6	17.6	0.8	0.8036	0.66	0.163	0.14	8.4	0.65	11.77	10	5	71	0.002	0.68	0.66	1	1.5	0.5	681.1	0.05	0.03	0.3	80	0.02	0.1	5	0.1	0.82	1295.6	2
2679651	0.02	1.72	1.2	11.2	1.04	1	0.65	0.148	0.11	9.1	0.493	16.89	11	3	69.8	0.007	0.54	0.46	1	0.9	0.4	1146	0.05	0.12	0.2	70	0.02	0.1	5	0.1	0.62	1548	1.8
2679652	0.04	2.47	1.6	15.1	0.97	1	0.81	0.234	0.12	10.3	0.78	15.98	10	4	88.8	0.002	0.65	0.71	1.3	1.1	0.5	809.6	0.05	0.02	0.3	100	0.02	0.1	5	0.1	0.81	1629.9	2.4
2679653	0.02	1.81	1.4	11.7	0.95	1	0.79	0.185	0.12	18	0.609	18.47	10	2	87.1	0.005	0.64	0.55	1.1	1	0.6	1035.4	0.05	0.04	0.2	80	0.02	0.1	5	0.1	0.7	2314.7	1.6
2679654	0.02	1.9	0.9	4.6	0.53	0.5839	0.31	0.103	0.04	6.6	0.278	13.31	10	2	81.2	0.002	0.34	0.22	0.8	0.1	0.3	1259.1	0.05	0.04	0.1	30	0.02	0.1	2	0.1	0.32	1521.4	0.5
2679655	0.02	1.64	0.8	2.4	0.52	0.6758	0.26	0.093	0.07	6.7	0.262	10.74	10	3	68.1	0.002	0.41	0.27	0.8	0.3	0.1	1446.7	0.05	0.02	0.1	30	0.02	0.1	2	0.1	0.33	974.5	0.6
2679656	0.02	0.83	1.4	9	0.67	1	0.81	0.109	0.11	20.7	0.413	11.69	10	2	39.9	0.002	0.87	0.68	1.2	1.3	0.8	940.1	0.05	0.06	0.2	60	0.02	0.1	6	0.1	0.76	1360.8	1.8
2679657	0.04	1.55	1.7	12.3	1.03	1	1.04	0.154	0.13	25.9	0.71	17.37	10	2	72.9	0.002	1.01	0.98	1.1	1.5	0.8	777.5	0.05	0.02	0.3	90	0.02	0.2	7	0.2	0.95	1927.7	2
2679658	0.02	1.78	1.7	7.3	0.95	1	0.91	0.154	0.12	18.5	0.585	12.89	23	2	70.3	0.007	0.88	0.66	1.3	1.1	0.6	823.8	0.05	0.1	0.3	80	0.02	0.1	6	0.2	0.93	1214.6	1.6
2679659	0.02	0.77	1.3	3.8	0.68	1	0.63	0.067	0.07	16.4	0.368	9.02	10	2	27.5	0.002	0.76	0.58	0.8	0.1	0.5	903	0.05	0.02	0.2	50	0.02	0.1	5	0.1	0.68	1159.6	1.2
2679660	0.02	0.94	1.3	1.8	0.45	1	0.57	0.061	0.06	12.4	0.351	9.56	10	7	28.9	0.002	0.81	0.41	0.8	0.6	0.3	1082	0.05	0.07	0.2	50	0.02	0.1	4	0.1	0.66	1398	1
2679661	0.03	1.29	2	5.3	0.92	0.923	1.01	0.083	0.24	22	0.52	53.63	10	7	36.2	0.012	0.71	0.82	1.1	0.5	0.8	979.9	0.05	0.08	0.4	70	0.02	0.2	6	0.1	1.15	2330.4	1.6
2679662	0.02	1.22	1.1	3.2	0.79	0.8785	0.46	0.061	0.08	17.2	0.417	18.48	10	4	36.3	0.007	0.43	0.34	0.8	0.2	0.2	765.6	0.05	0.04	0.1	40	0.02	0.1	3	0.1	0.55	1583.8	1
2679663	0.03	1.86	1.6	7.5	0.93	0.968	0.69	0.097	0.11	20.1	0.565	48.07	10	3	67.2	0.005	0.59	0.57	1.1	0.6	0.5	710.3	0.05	0.02	0.2	70	0.02	0.1	5	0.1	0.76	1908.5	2
2679665	0.05	2.48	2.4	6.2	0.94	0.8995	1.14	0.124	0.15	23.2	0.766	77.02	10	2	94.7	0.011	0.84	1.03	1.2	0.9	1.1	732.1	0.05	0.1	0.4	110	0.02	0.2	8	0.2	1.08	1625.3	2.3
2679666	0.03	2.15	2.1	4.8	1.11	1	0.93	0.108	0.17	22	0.66	40.55	10	4	64.4	0.009	0.71	0.82	1	0.7	0.6	689.1	0.05	0.02	0.3	90	0.03	0.2	7	0.2	1.11	2768.7	2
2679667	0.04	1.35	2	3.9	0.83	1	0.85	0.066	0.15	20.2	0.465	41.95	10	2	40.7	0.002	0.74	0.63	1	0.6	0.7	591.6	0.05	0.16	0.3	70	0.09	0.1	6	0.3	0.97	1803.6	1.7
2679668	0.06	2.08	2.7	7	1.11	1	0.98	0.115	0.13	17.2	0.684	36.64	10	5	62.4	0.012	0.73	0.77	1.3	0.8	0.9	551.8	0.05	0.02	0.5	100	0.08	0.2	8	0.1	1.27	2161.5	2.4
2679669	0.03	1.3	2.9	3.7	0.82	1	1.06	0.091	0.13	23.3	0.485	51.71	22	2	46.9	0.009	0.94	0.92	1	0.9	0.8	852.1	0.05	0.02	0.5	90	0.37	0.2	9	0.2	1.44	1970.4	2.4

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
2679670	0.04	0.76	1.4	1.3	0.5	0.9306	0.42	0.035	0.1	10.6	0.278	34.1	10	2	22.3	0.006	0.56	0.44	1.7	0.1	0.6	719.5	0.05	0.09	0.2	50	0.16	0.1	3	0.1	1.05	1288.1	1
2679671	0.02	1.18	1.2	1.9	0.69	1	0.31	0.06	0.06	12	0.339	18.05	10	2	43.9	0.003	0.58	0.23	1.9	0.1	0.4	521.3	0.05	0.08	0.2	50	0.36	0.1	3	0.1	0.58	1789.8	0.9
2679672	0.03	1.7	2	2	1.19	1	0.61	0.076	0.21	29.8	0.541	35.46	10	2	71.8	0.01	0.74	0.5	2.1	0.5	0.6	788.1	0.05	0.21	0.3	90	0.08	0.1	4	0.1	1.41	3198.6	1.5
2679673	0.03	1.58	3.1	3	0.96	1	0.94	0.083	0.23	30.7	0.645	62.51	10	2	72.8	0.014	0.72	0.91	2.1	0.7	2.2	1074.6	0.05	0.17	0.4	110	0.23	0.2	7	0.1	2	2286.7	2.1
2679675	0.04	1.54	3.9	2.6	0.69	0.9368	0.82	0.068	0.15	29.9	0.618	93.43	10	3	66.3	0.004	0.74	0.96	2.1	0.7	2.7	565.2	0.05	0.1	0.5	140	0.44	0.3	10	0.1	1.76	1639.9	1.4
2679676	0.04	1.18	3.2	2.6	0.79	1	0.77	0.083	0.31	20.8	0.532	37.52	10	4	46	0.005	0.77	0.76	2.3	0.9	0.7	817.8	0.05	0.1	0.4	100	0.48	0.2	7	0.1	1.87	2379.1	2
2679677	0.05	1.57	4.6	3.6	0.69	1	1	0.138	0.35	21.2	0.531	41.52	10	2	53.4	0.007	0.96	1.2	2.3	1.4	1.5	724.9	0.05	0.15	0.8	180	0.03	0.3	12	0.2	2.55	1681.7	3
2679678	0.02	1.3	2	1.9	0.74	1	0.66	0.055	0.19	11.4	0.482	35.27	10	2	44.6	0.009	0.59	0.54	2.1	0.8	2.4	640.8	0.05	0.14	0.3	70	0.08	0.1	5	0.1	0.99	1747.7	1.8
2679679	0.02	0.83	2	1.6	0.43	0.8236	0.49	0.031	0.12	14	0.366	25.63	10	2	31.7	0.003	0.39	0.6	1.8	0.6	2.2	1044.7	0.05	0.13	0.3	50	0.47	0.1	3	0.1	1.41	1517.9	1.6
2679680	0.04	1.27	3.1	3.2	0.96	0.8663	0.84	0.076	0.21	15	0.441	52.6	10	2	44.8	0.006	0.59	0.89	2.2	0.9	0.7	650.5	0.05	0.12	0.5	100	0.13	0.2	6	0.1	1.61	2155.6	2.5
2679681	0.02	1.3	1.9	2.2	0.82	0.5085	0.78	0.064	0.16	9.6	0.389	31.97	10	2	54.8	0.005	0.79	0.92	1.9	0.8	0.8	1184.7	0.05	0.13	0.3	60	0.06	0.1	5	0.1	1.55	2273.5	2.1
2679682	0.03	1.41	2.3	3.4	0.7	1	0.88	0.083	0.2	11.3	0.466	43.68	10	2	41.6	0.003	0.74	0.92	2.2	1.1	0.7	1045.4	0.05	0.15	0.4	80	0.02	0.2	6	0.1	1.61	2015.6	2.1
2679684	0.02	0.88	1.7	3.3	0.66	1	0.49	0.051	0.12	24	0.4	26.85	10	2	54.2	0.004	0.51	0.52	1.7	0.8	0.3	877.6	0.05	0.18	0.2	50	0.04	0.1	3	0.1	1.23	2618.1	1.4
2679685	0.04	1.56	3.1	2.4	0.71	0.8755	0.87	0.068	0.2	16.4	0.475	59.46	10	5	65.6	0.01	1.55	0.96	2	0.9	0.7	1019.9	0.05	0.17	0.4	90	0.1	0.2	8	0.1	2.02	1752.3	2.5
2679686	0.05	2.71	2.9	3.6	1.5	1	1.03	0.107	0.17	40.5	0.721	57.33	10	2	96	0.02	1.8	0.89	2.2	1.3	1.2	978.8	0.05	0.12	0.4	100	0.02	0.2	7	0.1	1.84	3045.1	2.3
2679687	0.02	2.13	2.6	4.8	1.03	1	1.01	0.136	0.19	29.3	0.63	23.62	10	2	84.3	0.009	1.33	0.73	2.2	1.6	0.7	971.6	0.05	0.14	0.4	90	0.02	0.2	6	0.1	1.7	2671.6	2.7
2679688	0.06	1.96	4	6.5	0.97	1	1.29	0.136	0.26	56.5	0.967	47.33	10	5	130	0.003	1.4	1.61	2.7	3	1.5	955.5	0.05	0.15	0.6	150	0.02	0.3	10	0.2	2.24	2334.7	3.4
2679689	0.05	1.86	3.7	4	0.99	1	1.32	0.123	0.21	30.5	0.744	50.42	10	4	93.8	0.008	2.33	1.59	2.6	2.3	1.4	897	0.05	0.11	0.5	120	0.02	0.3	10	0.2	2.36	3016.6	3.2
2679690	0.05	2.15	2.7	3.4	0.95	1	1.09	0.127	0.18	21.5	0.612	41.75	10	4	97.6	0.016	2.24	1.04	2.5	1.5	1.1	756	0.05	0.18	0.5	100	0.02	0.2	7	0.2	1.74	1922.4	2.4
2679691	0.02	0.8	1.7	1.3	0.5	0.6773	0.72	0.065	0.16	5.5	0.367	16.42	10	2	32.2	0.001	0.64	0.83	2	1	0.3	2080.1	0.05	0.3	0.3	60	0.02	0.1	4	0.1	1.31	2241.6	1.9
2679692	0.02	0.4	2	1.2	0.32	0.431	0.65	0.037	0.16	6.5	0.213	16.58	10	2	13.7	0.001	0.57	0.7	1.9	0.8	0.5	1635.1	0.05	0.27	0.3	50	0.02	0.1	3	0.1	1.41	1580.8	1.7
2679694	0.06	1.25	3.9	3.3	0.77	1	1.38	0.124	0.27	27.7	0.578	53.86	10	4	53.8	0.004	1.19	1.53	2.5	2.1	1.3	973.7	0.05	0.24	0.7	120	0.02	0.3	10	0.2	2.21	3244.9	3.3
2679695	0.03	1.41	2.6	2.9	0.94	1	0.95	0.083	0.2	25.1	0.542	34.27	10	5	61	0.007	1.36	0.79	2	1.6	0.9	557.8	0.05	0.16	0.5	100	0.02	0.2	7	0.1	1.17	2335.1	2.4
2679696	0.04	1.34	3.6	3.2	0.81	1	1.21	0.084	0.2	51.4	0.531	39.71	10	2	55.2	0.006	1.47	1.2	2.1	2.2	1	977.7	0.05	0.13	0.6	110	0.02	0.2	9	0.1	2.22	2420.2	2.9
2679697	0.02	1.08	1.8	1.6	0.94	1	0.59	0.062	0.17	23.4	0.352	17.72	10	3	37	0.003	1.02	0.53	2.1	0.8	0.6	673.2	0.05	0.19	0.3	70	0.02	0.1	4	0.1	1.07	2518.4	1.8
2679698	0.04	1.39	3.4	3.2	0.92	1	1.19	0.088	0.19	45.6	0.515	29.89	10	2	71	0.008	1.52	1.33	2.3	2	1.3	949.1	0.05	0.2	0.5	110	0.02	0.3	8	0.2	2.08	3031.4	3
2679699	0.05	1.21	2.9	2.6	0.97	1	0.87	0.06	0.17	24.9	0.456	30.16	10	3	51.3	0.009	1.28	1.02	2.2	1.5	0.5	1234.5	0.05	0.22	0.4	80	0.02	0.2	6	0.2	1.89	2574.6	2.2
2679700	0.02	0.66	1.5	2	0.63	1	0.5	0.046	0.15	17.7	0.309	11.99	10	2	20.5	0.001	0.65	0.45	1.9	0.8	0.1	563.4	0.05	0.12	0.2	50	0.02	0.1	3	0.1	0.77	1751.5	1.3
2679701	0.03	1.28	3.2	2.5	1.02	1	0.99	0.094	0.21	30.1	0.485	29.28	10	2	46.6	0.005	1.79	0.89	2.6	1.4	1	828.9	0.05	0.22	0.5	100	0.02	0.2	8	0.1	1.97	2701.8	2.7
2679703	0.03	1.21	2.7	2.9	0.72	1	1.02	0.085	0.22	21.9	0.392	34.08	10	3	55.5	0.009	2.21	0.99	2.2	1.6	0.8	693.3	0.05	0.19	0.5	90	0.02	0.2	7	0.1	1.65	2191.6	2.3
2679704	0.05	1.77	3.1	4	0.92	1	1.19	0.11	0.22	38.2	0.526	30.58	10	2	78.6	0.006	3.24	1.06	2.2	1.7	1	952.7	0.05	0.28	0.5	110	0.02	0.2	8	0.1	2.06	2265.6	2.7
2679705	0.05	2.38	3.6	21	1.34	1	1.4	0.331	0.23	42.6	0.876	35.23	10	3	95.5	0.009	1.9	1.8	1.3	3.2	1.2	829.6	0.05	0.12	0.6	140	0.02	0.3	11	0.3	2.06	2671.8	2
2679706	0.05	3.31	3.5	4.1	1.15	1	1.27	0.167	0.26	37.8	0.922	57	10	2	150.8	0.024	1.69	1.26	1.3	1.9	1.1	805.1	0.05	0.14	0.5	140	0.02	0.3	10	0.2	2.08	1982.8	2.8
2679707	0.06	1.76	3	3.1	0.65	1	1.32	0.151	0.2	27	0.663	44.79	10	2	78	0.005	1.63	1.11	1	2.1	0.6	676	0.05	0.12	0.4	110	0.02	0.3	9	0.2	1.83	1587.6	2.2
2679708	0.06	3.28	3.5	4.6	0.82	1	1.3	0.313	0.25	35.5	0.828	40.4	10	2	94.1	0.015	1.91	1.39	1.3	2	0.9	633.8	0.05	0.1	0.5	150	0.02	0.3	13	0.2	2.16	1476.7	2.1
2679709	0.04	1.48	1.9	1.6	0.95	1	0.64	0.079	0.13	31.3	0.421	15.55	10	3	72.2	0.007	1.13	0.58	0.7	1.1	0.1	912.1	0.05	0.25	0.2	70	0.02	0.1	5	0.1	1.35	2116.4	1.4
2679710	0.02	1.89	1.9	1.1	0.83	1	0.66	0.092	0.12	25.5	0.506	20.44	10	2	86.5	0.011	1.08	0.49	0.5	0.8	0.1	772.2	0.05	0.17	0.2	70	0.02	0.1	5	0.1	1.26	1515.5	1.4
2679711	0.05	2.01	2.9	2.8	0.89	1	0.98	0.147	0.18	30.3	0.658	23.72	10	4	115	0.006	1.2	0.97	1	1.3	0.6	623.8	0.05	0.11	0.4	120	0.02	0.2	8	0.2	1.64	1716.9	2.1
2679712	0.05	1.37	2.8	3.5	0.83	0.9208	0.93	0.164	0.21	27	0.553	31.66	10	2	59.2	0.007	1.31	1.14	1	1.4	0.4	876.6	0.05	0.16	0.4	100	0.02	0.2	8	0.1	1.64	1620.5	2.1
2679714	0.04	1.4	2.4	2.7	0.75	1	0.82	0.143	0.19	15.2	0.523	23.51	10	2	48.2	0.017	1.16	1.03	0.8	1.7	0.4	922.4	0.05	0.11	0.5	90	0.02	0.2	8	0.1	1.58	1421	2.1
2679715	0.04	1.15	3.5	2.8	0.68	0.8329	1.36	0.122	0.22	13.2	0.591	22.73	10	2	28.9	0.01	1.07	1.79	0.9	1.8	0.7	1782	0.05	0.25	0.7	110	0.02	0.3	10	0.2	2.17	1685.1	2.7
2679716	0.03	0.78	2.5	1.8	0.47	0.3898	0.76	0.078	0.13	9.4	0.362	23.04	10	4	21	0.001	1.4	0.83	0.7	1.2	0.5	1493.3	0.05	0.35	0.4	70	0.02	0.2	7	0.1	1.78	1555.7	2
2679718	0.03	0.71	3.2	1.3	0.52	0.9892	0.95	0.082	0.14	17.3	0.381	18.74	10	2	20.7	0.001	0.92	1.18	0.9	1.7	0.3	615.5	0.05	0.13	0.5	100	0.02	0.2	8	0.2	1.68	1788.3	2.4
2679719	0.02	0.53	1.5	1.3	0.55	1	0.42	0.06	0.12	12.8	0.262	7.3	10	2	13.5	0.001	0.56	0.39	0.5	0.6	0.1	542.3	0.05	0.15	0.2	50	0.02	0.1	3	0.1	0.73	1377.1	1.2
2679720	0.04	1.79	3.6	2.2	1.05	1	1.13	0.164	0.24	13.5	0.676	24.59	10	2	55.4	0.01	1.27	1.29	1.6	1.5	0.8	987.6	0.05	0.07	0.7	120	0.02	0.3	10	0.2	2.12	2273.1	2.8
2679721	0.03	0.93	2.3	1.9	0.57	0.9371	0.67	0.08	0.16	19.5	0.447	19.52	10	2	27.3	0.001	0.76	0.73	0.6	1	0.2	944.7	0.05	0.16	0.3	70	0.02	0.1	5	0.1	1.56	1780.4	1.5
2679722	0.06	2.06	4.9	4.2	0.89	1	1.46	0.237	0.26	31.3	0.762	48.88	10	2	75.7	0.008	1.77	1.66	1.6	2.2	1.1	620.3	0.05	0.15	0.8	150	0.02	0.4	14	0.3	2.72	2727	1.7
2679724	0.04	1.61	3.4	3.4	0.87	1	0.95	0.087	0.19	57	0.663	93.72	10	3	87.1	0.003	0.7	1.02	0.7	0.9	0.2	895.5	0.05	0.21	0.5	120	0.09	0.2	7	0.2	1.89	1945.5	2.1
2679725	0.02	2.7	1.5	1.3	0.9	1	0.48	0.063	0.11	15.7	0.576	20.19	10	2	90.3	0.009	0.61	0.36	0.5	0.3	0.1	1050.8	0.05	0.22	0.2	60	0.06	0.1	3	0.1	1.07	2741.1	1
2679726	0.05	2.08	2.7	6.1	1.18	1	0.95	0.107	0.2	47.7	0.889	31.58	10	5	145.7	0.002	1.3	1.29	1	2.3	0.6	928.5	0.05	0.19	0.4	130	0.02	0.2	8	0.2	1.7	1756.9	2
2679727	0.04	3.08	3	4.4	1.22	1	1.03	0.127	0.21	46.4	0.893	80.29	10	2	154.6	0.009	1.09	1.12	1.4	1.4	0.7	645.7	0.05	0.15	0.5	120	0.04	0.3	9	0.2	1.61	2404.8	2.6
2679728	0.07	2.04	5.1	6.3	1.23	1	1.56	0.136	0.2	25.6	0.815	49.76	10	4	96.5	0.003	1.3	1.88	1.6	2.2	1.1	344.5	0.05	0.09	1.1	160	0.02	0.4	14	0.2	2.38	2576.5	2.5
2679729	0.06	2.12	4.5	3.8	1.15	1	1.27	0.111	0.2	28	0.794	38.84	10	5	87.8	0.008	1.04	1.34	1.6	1.6	1	473.7	0.05	0.08	0.9	150	0.04	0.3	13	0.2	1.94	2942	2.4
2679730	0.02	1.18	2.7	1.8	0.75	0.9456	0.96	0.064	0.19	11.6	0.416	51.44	10	3	45.1	0.011	1.09	0.98	0.8	0.7	0.3	753.2	0.05	0.22	0.5	80	0.03	0.2	8	0.1	1.78	2405.5	2.2
2679731	0.02	0.84	2.1	1.7	0.45	1	0.68	0.05	0.13	16	0.369	32.04	10	4	39.4	0.003	0.57	0.67	0.6	0.8	0.1	641.4	0.05	0.15	0.3	60	0.02	0.1	6	0.1	1.32	1106.6	1.6
2679732	0.04	1.32	3	2.4	0.71	1	0.93	0.063	0.11	22.2	0.411	46.93	10	2	54.5	0.003	1.33	0.79	0.8	0.9	0.4	719	0.05	0.15	0.4	80	0.08	0.2	7	0.1	1.8	1497.1	1.9
2679734	0.02	0.9	2.3	0.9	0.56	0.9488	1.26	0.038	0.1	11.2	0.297	29.17	10	2	29.9	0.001	0.57	0.46	0.5	0.1	0.1	456.8	0.05	0.14	1	50	0.02	0.9	4	0.1	0.69	1311.6	1
2679735	0.06	3.05	2.6	3.6	0.93	0.9899	0.96	0.135	0.22	23.8	0.776	61.97	10	5	141.8	0.013	1.3	1.22	1.2	1.7	0.8	903.1	0.05	0.18	0.5	110	0.02	0.2	9	0.2	1.57	2163.7	2.3
2679736	0.09	1.96	4.4	3.3	0.87	1	1.59	0.099	0.18	41.5	0.787	102.84	10	7	80.2	0.009	2.2	1.45	1.5	2.4	1.5	763.4	0.05	0.23	0.5	130	0.02	0.3	14	0.2	2.37	2215.1	2.5
2679737	0.02	1.58	2	3.8	0.92	1	0.73	0.067	0.13	36.9	0.652	36.71	10	3	72.6	0.001	0.74	0.79	0.6	1.1	0.3	1029.7	0.05	0.15	0.3	80	0.02	0.1	5	0.1	1.38	1787.3	1.6
2679738	0.02	1.23	0.9	1.4	0.53	0.9238	0.32	0.036	0.11	15.2	0.293	21.25	10	2	41.9	0.007	0.59	0.27	0.4	0.1	0.1	685	0.05	0.12	0.1	40	0.04	0.1	2	0.1	0.89	1243.3	0.8
2679739	0.02	0.78	1.5	1.9	0.51	1	0.61	0.035	0.11	14.3	0.277	30.75	10	3	24.9	0.003	0.57	0.5	0.5	0.3	0.1	628.1	0.05	0.21	0.2	40	0.02	0.1	3	0.1	0.77	1837.9	1.2
2679740	0.03	1.3	1.7	2.1	0.82	1	0.57	0.053	0.13	19.8	0.407	36.39	10	4	47.8	0.005	0.84	0.53	0.7	0.4	0.3	602.7	0.05	0.19	0.3	60	0.03	0.1	4	0.1	0.79	2259.2	1.2
2679741	0.05	1.37	2.3	3.1	0.7	1	0.79	0.059	0.12	26.6	0.539	57.83	10	5	66.3	0.003	0.74	0.79	0.8	1.5	0.8	955.3	0.05	0.03	0.3	70	0.04	0.2	6	0.2	0.99	1914.4	1.2

SAMPLEID	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
2679742	0.05	1.54	3	3.2	0.82	1	0.96	0.071	0.12	14.2	0.606	62.47	12	4	58.4	0.005	0.81	1.01	0.9	1.3	0.9	408.2	0.05	0.02	0.6	90	0.02	0.3	7	0.2	1.38	1593.6	1.6
2679744	0.05	1.19	4.8	4.6	0.74	1	1.46	0.077	0.19	16	0.697	82.76	11	2	46.3	0.001	1.01	1.67	1.4	2.3	1.6	1134.4	0.05	0.05	0.9	130	0.02	0.4	12	0.2	2.34	3379.4	2.2
2679745	0.04	0.94	1.8	1.8	0.62	0.6513	0.63	0.043	0.1	7.5	0.421	44.81	10	2	35	0.013	0.6	0.76	0.7	0.2	0.3	1352.3	0.05	0.11	0.4	60	0.02	0.2	5	0.1	1.01	2745.2	1.4
2679746	0.02	1.31	1.9	3.3	0.75	0.8308	0.66	0.058	0.11	7.6	0.406	28.76	10	4	56.6	0.005	0.53	0.61	0.7	0.5	0.7	1149	0.05	0.02	0.4	60	0.02	0.1	4	0.1	0.98	2424.6	1.4
2679747	0.05	1.85	3	2.7	0.94	1	1.24	0.09	0.13	17.7	0.636	78.71	10	3	71.5	0.016	0.97	0.97	1	0.7	1.1	588	0.05	0.02	0.6	100	0.06	0.3	8	0.2	1.53	2593.1	1.9
2679748	0.02	0.84	1.1	0.7	0.92	1	0.48	0.027	0.11	8.2	0.311	29.93	10	3	25.9	0.001	0.46	0.42	0.7	0.2	0.4	1290.8	0.05	0.06	0.2	40	0.04	0.1	2	0.1	0.63	2884.3	1
2679749	0.06	1	3.5	3	0.53	1	1.15	0.055	0.09	13.3	0.562	61.54	10	2	36	0.006	0.83	1.15	1.1	1.3	1.2	598.6	0.05	0.02	0.6	90	0.02	0.3	8	0.2	1.67	1783.8	2.1
2679750	0.06	1.19	4	2.6	0.71	1	1.37	0.062	0.13	15.2	0.576	103.56	10	4	47.8	0.012	1.18	1.29	1	1.2	1.7	775.8	0.05	0.02	0.7	110	0.04	0.3	10	0.2	1.96	1993.3	2.1
2679751	0.06	1.07	3.4	3	0.73	1	1.2	0.076	0.14	11.8	0.539	26.79	10	2	42.2	0.003	0.66	1.14	1.1	1.5	0.9	809.1	0.05	0.02	0.6	110	0.02	0.2	8	0.1	1.59	2185.7	2.4
2679752	0.02	0.71	1.6	1.5	0.57	1	0.7	0.042	0.1	12.2	0.331	13.53	10	3	23.8	0.005	0.54	0.46	0.6	0.3	0.2	400.6	0.05	0.06	0.3	50	0.02	0.1	3	0.1	0.84	1299.3	1.3
2679753	0.03	0.77	2.6	2.8	0.6	1	0.99	0.065	0.15	11.8	0.362	17.19	10	4	27.6	0.004	0.61	1.07	0.9	1.5	0.6	792.2	0.05	0.07	0.5	70	0.02	0.2	6	0.1	1.38	2246.9	2.2
2679754	0.08	2.12	3	3.2	1.21	1	1.15	0.108	0.19	46	0.734	34.87	10	2	117.4	0.012	0.97	1.17	1.2	1	0.9	900.9	0.05	0.07	0.5	120	0.02	0.3	8	0.3	1.63	3110.1	2.4
2679755	0.04	2.17	2.3	3.9	1.06	1	0.77	0.096	0.11	27.3	0.716	24.83	14	2	124.9	0.011	1.13	1	1.1	0.8	0.6	826.9	0.05	0.04	0.4	90	0.02	0.2	6	0.1	1.14	2343.2	2
2679756	0.1	2.11	5.3	8.6	0.89	1	1.67	0.143	0.3	41.7	0.876	64.63	10	5	147.9	0.01	1.18	1.97	2	1.2	2.2	1170.2	0.05	0.13	1	190	0.02	0.5	16	0.3	2.69	3025.6	3.3
2679757	0.09	1.69	4.1	4.1	0.82	1	1.39	0.111	0.2	36.7	0.728	52.57	10	4	90.1	0.013	1.31	1.27	1.4	1.6	1.1	720	0.05	0.11	0.5	140	0.02	0.3	12	0.3	2.26	2421.8	2.5
2679758	0.09	2.76	6.7	7	1.32	1	2.12	0.192	0.33	68.1	1.139	64.55	10	2	162.9	0.008	1.17	2.07	2.3	2.5	1.9	741.1	0.05	0.14	0.7	230	0.02	0.6	19	0.4	3.52	2377.4	2.3
2679759	0.06	1.32	4.3	8	1.3	1	1.27	0.108	0.22	60.5	0.977	49.52	10	4	67.7	0.005	0.92	1.57	1.5	1.4	1.2	1075.6	0.05	0.02	0.6	160	0.02	0.3	12	0.2	1.9	3048.7	2.5
2679760	0.03	1.46	2.1	1.7	0.91	1	0.88	0.077	0.15	14.8	0.507	17.12	10	3	51.5	0.008	0.98	0.77	0.9	0.8	0.9	573.1	0.05	0.09	0.4	80	0.02	0.2	6	0.1	1.13	2048.2	2
2679761	0.03	1.62	2.8	3.1	0.88	0.7065	1.19	0.103	0.17	11.4	0.728	18.25	11	3	53.4	0.009	0.84	0.96	1.2	1.4	0.6	986.4	0.05	0.06	0.4	110	0.02	0.2	7	0.2	1.38	2150.9	2.4
2679762	0.03	0.67	1.7	1.5	0.57	0.5197	0.6	0.048	0.14	8.2	0.352	9.56	10	2	17.5	0.004	0.54	0.7	0.7	1.3	0.4	826.9	0.05	0.05	0.3	50	0.02	0.1	4	0.2	0.94	1472.4	1.5
2679763	0.03	1.29	1.9	1.9	0.9	1	0.76	0.081	0.14	15.5	0.538	19.79	10	2	39.6	0.006	0.91	0.7	0.7	0.8	0.2	526.2	0.05	0.13	0.2	80	0.02	0.1	5	0.1	1.09	2183.5	1.5
2679765	0.03	2.5	2	2.9	0.93	1	0.78	0.113	0.17	31	0.756	23.91	10	4	122.6	0.016	1.12	0.91	0.9	1.2	0.9	678.4	0.05	0.07	0.3	100	0.02	0.2	5	0.1	1.04	2259.7	1.7
2679766	0.04	2.73	4.4	5	1.11	1	1.34	0.164	0.25	32.4	0.97	14.67	10	7	111.5	0.016	1.27	1.49	1.9	1.5	1.1	730.8	0.05	0.03	0.9	160	0.02	0.3	12	1.4	1.98	1930	2.6
2679767	0.02	0.86	1.9	1.4	0.52	0.5269	0.62	0.055	0.13	21.2	0.368	14.83	10	4	41.2	0.003	0.84	0.63	0.7	0.6	0.5	602.1	0.05	0.09	0.3	60	0.02	0.1	5	0.1	0.99	1118.7	1.5
2679768	0.04	1.14	1.9	1.4	0.64	0.8866	0.75	0.084	0.14	10.3	0.411	16.52	10	5	33.4	0.001	0.82	0.81	0.9	1.1	0.7	682.4	0.05	0.12	0.3	70	0.02	0.2	6	0.1	1.06	1555	1.7
2679769	0.04	1.41	2.7	2.6	0.61	0.6348	0.85	0.122	0.18	13.1	0.609	13.21	10	4	40.4	0.004	0.88	0.83	1.1	1.3	0.7	799.1	0.05	0.11	0.5	100	0.02	0.2	7	0.2	1.38	1271.8	2.5
2679770	0.02	1.11	2.7	1.7	0.65	0.7488	0.83	0.075	0.16	17.9	0.54	20.53	10	2	39.6	0.003	0.88	0.83	1.1	0.8	0.6	1107.1	0.05	0.13	0.4	90	0.02	0.2	6	0.1	1.45	2449.2	2.1
2679771	0.02	1.66	1.5	2.3	1.23	1	0.66	0.107	0.12	25.6	0.609	18.24	10	3	72.1	0.008	0.8	0.65	0.9	0.9	0.5	767.9	0.05	0.03	0.3	80	0.02	0.1	4	0.1	0.68	1776.5	1.4
2679772	0.02	0.99	1.2	0.8	0.66	0.8846	0.32	0.068	0.14	13.8	0.315	7.86	10	4	33.8	0.005	0.47	0.28	0.6	0.5	0.1	734.6	0.05	0.07	0.1	40	0.02	0.1	2	0.1	0.57	1880.7	1
2679773	0.02	0.72	2	1.6	0.75	0.6054	0.53	0.073	0.16	14.4	0.343	6.79	10	3	30.8	0.001	0.54	0.45	0.8	0.7	0.3	654.2	0.05	0.04	0.3	70	0.02	0.1	4	0.1	0.9	1730.2	1.5
2679775	0.02	1.6	3	2.6	1.48	0.5908	0.93	0.17	0.22	84.5	0.664	9.84	10	7	54.4	0.003	0.91	0.86	1.3	0.9	0.3	1734.2	0.05	0.06	0.5	110	0.02	0.2	7	0.2	1.56	1484.3	2.3
2679776	0.03	2.12	2.1	2.5	1.56	0.9801	0.78	0.146	0.18	75.1	0.782	8.72	10	2	77	0.005	0.9	0.62	1.1	1.3	0.1	1254.4	0.05	0.08	0.4	110	0.02	0.2	6	0.1	1	1903.4	2
2679777	0.02	0.68	1.2	1	0.53	0.7117	0.48	0.058	0.13	8.1	0.254	7.53	10	5	19.1	0.003	0.72	0.4	0.7	0.4	0.4	473.5	0.05	0.03	0.2	40	0.02	0.1	3	0.1	0.67	1211	1.1
2679778	0.02	1.11	3	2.4	0.91	0.6846	1.02	0.16	0.21	11.1	0.545	17.05	11	5	39.9	0.013	1.49	1.09	1.1	1.8	0.8	629.9	0.05	0.16	0.5	100	0.02	0.2	6	0.2	1.51	2355.2	2.5
2679779	0.02	1.02	1.2	0.8	0.72	0.7303	0.47	0.031	0.1	7.3	0.386	91.2	20	3	33.7	0.012	0.57	0.46	0.6	0.3	0.1	774.9	0.05	0.02	0.2	40	0.02	0.1	3	0.1	0.62	2406.7	2.7
2679780	0.06	1.13	3.1	1.2	0.63	1	1.06	0.039	0.17	12.3	0.483	56.23	10	2	34.3	0.008	0.67	0.79	0.9	0.6	0.8	663.4	0.05	0.15	0.5	80	0.1	0.2	7	0.1	1.64	1761.7	2.4
2679781	0.02	1.47	2.9	2.3	0.86	1	0.99	0.06	0.13	9.9	0.473	10.09	11	2	46	0.006	0.62	0.83	0.8	0.6	0.6	998.8	0.05	0.03	0.7	90	0.02	0.2	7	0.2	1.35	1859.5	2.4
2679782	0.06	1.81	5.1	2.7	1.11	1	1.49	0.076	0.17	16.2	0.765	16.85	10	3	58.2	0.005	0.79	1.68	1.8	1	1.2	654.1	0.05	0.05	1.2	140	0.02	0.4	12	0.4	2.42	2322.5	3.8
2679784	0.05	2.29	3.9	2.5	0.96	1	1.35	0.102	0.16	17.1	0.749	39.43	10	6	68.6	0.018	1.03	1.33	1.2	0.5	1.2	463.2	0.05	0.02	0.8	130	0.02	0.3	10	0.2	1.94	1996.2	1.9
2679785	0.05	1.69	2.2	1.9	0.83	1	0.75	0.063	0.08	10	0.514	66.52	10	2	55.7	0.013	0.86	0.75	0.8	0.9	0.8	640.1	0.05	0.09	0.5	80	0.12	0.2	6	0.1	1.03	2199.2	1.4
2679786	0.07	2.34	2.7	2	1.07	1	0.99	0.085	0.12	39.3	0.673	48.38	10	2	104.2	0.018	0.93	1.12	0.9	0.9	0.9	664.9	0.05	0.03	0.6	100	0.23	0.3	8	0.1	1.52	2598.8	1.6
2679787	0.02	1.06	1.3	1	0.63	1	0.45	0.044	0.09	24.1	0.406	22.52	10	5	60.5	0.009	0.74	0.34	0.5	0.5	0.3	885	0.05	0.04	0.2	50	0.02	0.1	4	0.1	0.65	1456.7	0.9
2679788	0.02	1.19	2	1.2	0.87	1	0.59	0.05	0.16	38.8	0.42	45.43	10	3	55.8	0.007	0.63	0.44	0.6	0.3	0.3	912.9	0.05	0.02	0.2	70	0.03	0.1	5	0.1	1.11	1874.5	1.2
2679789	0.03	2.98	3.2	2.8	1.53	1	1.05	0.096	0.18	58.1	0.999	24.99	10	5	159.6	0.012	0.89	0.96	1.1	1.6	0.8	1151.1	0.05	0.02	0.5	130	0.08	0.2	9	0.2	1.44	1644.6	1.6
2679790	0.02	1.3	2.1	1.3	0.85	1	0.72	0.047	0.11	22.5	0.387	43.94	12	2	48	0.009	0.94	0.55	0.8	0.4	0.7	802.7	0.05	0.02	0.3	70	0.15	0.1	6	0.1	0.98	1680.7	1.3
2679791	0.03	1.87	2.6	1.9	0.92	0.6012	0.87	0.07	0.15	12	0.555	32.56	10	5	60.7	0.006	0.76	1.11	0.8	0.5	0.7	855.7	0.05	0.11	0.6	90	0.05	0.2	8	0.1	1.38	1810.7	1.8
2679792	0.04	2.03	2.7	1.9	0.95	1	1	0.084	0.1	12.5	0.539	39.81	10	4	62.8	0.008	1.15	0.84	0.9	0.5	1	695.8	0.05	0.02	0.6	100	0.02	0.2	8	0.1	1.41	2212.4	1.9
2679794	0.06	2.01	4	2.4	0.99	1	1.36	0.092	0.17	21.2	0.723	65.26	20	3	58.7	0.003	0.93	1.38	1.2	0.9	1.3	951.8	0.05	0.05	0.7	130	0.02	0.4	11	0.2	1.93	2451.4	1.8
2679795	0.04	1.72	2.4	1.3	0.67	0.5847	0.94	0.064	0.12	11.2	0.34	43.7	10	7	53.6	0.011	1.13	0.98	0.8	0.2	0.8	1016.6	0.05	0.09	0.5	70	0.02	0.2	8	0.1	1.26	1368.3	1.6
2679796	0.03	1.38	1.8	1.3	0.81	0.8883	0.71	0.043	0.09	7.9	0.37	44.49	11	3	42.4	0.008	0.66	0.45	0.7	0.1	0.1	1170.8	0.05	0.02	0.3	60	0.05	0.1	5	0.1	0.9	2098.4	1.2
2679797	0.03	1.97	3.1	2.1	1.13	1	0.89	0.071	0.14	41.1	0.729	25.63	10	4	93.7	0.004	0.67	0.91	0.9	0.3	0.5	1254.6	0.05	0.08	0.4	110	0.25	0.2	8	0.1	1.32	1608.3	1.8
2679798	0.05	1.63	3.5	3	1.35	0.9097	0.81	0.078	0.18	39.4	0.796	52.34	10	4	99.9	0.003	0.95	1.31	1.1	1.1	1.3	889	0.05	0.1	0.6	120	0.04	0.2	10	0.1	1.55	2128.1	1.7

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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 06, 2014
Report Date: October 31, 2014
Page: 1 of 5

CERTIFICATE OF ANALYSIS TIM14000009.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00013
Shipment ID: ROL_2014_018
P.O. Number
Number of Samples: 97

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	92	Plant Maceration to 1mm			VAN
VA475	92	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	97	Analysis sample split/packet			VAN
VG104-EXT	97	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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"*" 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: **Teck Resources Limited**
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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731901	Vegetation	170.00		50.213	2.415	1.00	41.29	13.64	1263.4	84	5.8	1.4	1688	0.15	1.7	<0.1	2.3	0.2	671.3	0.65	0.69
1731902 TECK ASH-1	Ash					0.81	72.32	8.34	168.3	39	128.0	16.3	1097	2.34	4.2	0.5	4.6	3.5	956.3	0.27	0.15
1731903	Vegetation	210.00		50.747	1.814	0.90	66.76	33.71	776.8	199	7.8	1.6	1525	0.28	6.7	0.2	0.5	0.5	744.7	0.97	1.40
OVEN STD-1	Vegetation			18.203	0.400	1.29	41.60	8.61	1728.1	923	11.5	1.2	>10000	0.17	3.2	2.2	<0.2	1.1	636.6	0.40	0.39
1731904	Vegetation	100.00		50.451	1.840	1.13	59.79	27.82	1022.0	120	8.0	2.0	2744	0.31	4.6	0.2	0.9	0.4	1021.2	1.02	1.28
1731905	Vegetation	200.00		50.869	2.005	0.95	76.60	26.91	1052.5	150	8.7	1.7	2589	0.29	5.5	0.2	1.0	0.4	1147.7	1.07	1.41
1731906	Vegetation	200.00		50.469	2.168	0.67	72.04	24.70	1898.0	105	7.9	2.0	1270	0.19	4.8	0.1	2.4	0.2	925.3	0.78	0.55
1731907	Vegetation	130.00		50.866	1.189	1.19	92.15	42.64	2809.3	244	18.1	3.9	>10000	0.40	4.6	0.3	1.5	0.5	397.1	4.88	1.42
1731908	Vegetation	170.00		50.585	1.048	1.08	101.19	36.78	2200.3	465	29.7	5.6	>10000	0.41	2.9	0.3	<0.2	0.4	537.4	3.78	1.37
1731909	Vegetation	180.00		50.997	1.250	0.75	84.58	27.77	1454.0	538	26.7	4.1	>10000	0.30	8.3	0.2	<0.2	0.4	469.4	3.04	0.91
1731910	Vegetation	120.00		50.796	1.172	1.23	110.03	38.70	1881.6	430	27.2	4.3	>10000	0.33	5.2	0.3	<0.2	0.3	602.7	2.50	1.39
1731911	Vegetation	170.00		50.786	1.981	0.78	72.00	22.92	1262.5	174	8.4	1.8	2508	0.26	3.2	0.2	1.5	0.3	844.4	0.96	1.21
1731912	Vegetation	150.00		50.085	2.241	0.78	52.90	24.02	691.6	105	5.8	1.7	1001	0.29	4.6	0.2	<0.2	0.4	640.5	0.50	1.14
1731913	Vegetation	150.00		50.643	2.206	0.56	54.16	19.84	1001.5	96	5.8	1.5	1129	0.19	2.3	0.1	0.9	0.3	877.0	0.56	0.74
1731914	Vegetation	140.00		50.449	2.320	0.53	54.48	16.74	813.5	87	6.8	1.7	1469	0.18	2.1	0.2	<0.2	0.3	1105.7	0.77	0.74
1731915	Vegetation	210.00		50.351	3.676	0.19	35.81	5.68	1362.5	48	1.3	1.1	1223	0.06	1.1	<0.1	<0.2	<0.1	1230.4	0.26	0.23
1731916	Vegetation	170.00		50.458	1.240	0.95	100.79	33.68	1361.1	195	8.8	2.2	2224	0.35	6.8	0.2	1.6	0.5	1022.1	1.32	1.26
1731917 TECK ASH-1	Ash					0.73	69.98	8.37	165.9	44	131.9	17.1	1110	2.34	3.7	0.6	6.2	3.5	892.3	0.20	0.13
1731918	Vegetation	240.00		50.521	2.012	0.67	67.12	17.22	1729.4	104	8.7	1.9	1376	0.20	4.8	0.2	1.0	0.3	1033.8	0.54	0.84
1731919	Vegetation	140.00		50.266	1.146	0.51	145.46	28.15	1413.3	710	25.7	7.3	>10000	0.25	2.1	0.2	<0.2	0.3	868.3	4.04	0.97
1731920	Vegetation	160.00		50.577	1.662	0.33	59.07	17.50	1587.0	225	15.5	5.2	>10000	0.14	3.2	<0.1	<0.2	0.2	515.5	7.95	0.49
1731921	Vegetation	140.00		50.567	1.544	0.34	86.59	23.96	1505.2	263	32.4	5.8	>10000	0.18	2.5	0.1	<0.2	0.2	706.5	8.89	0.60
1731922	Vegetation	140.00		50.984	0.749	0.48	210.17	24.03	1646.2	1207	32.6	8.4	>10000	0.22	0.9	0.1	<0.2	0.3	817.0	6.72	0.65
1731923	Vegetation	200.00		50.582	1.526	0.55	133.93	31.82	1515.8	639	16.2	8.1	>10000	0.18	3.7	0.1	0.7	0.2	919.3	7.77	0.67
1731924	Vegetation	180.00		50.658	1.176	0.39	132.19	22.12	1329.5	843	22.5	8.7	>10000	0.16	1.9	0.1	<0.2	0.2	992.2	5.86	0.49
1731925	Vegetation	190.00		50.641	1.420	0.57	93.55	28.40	835.6	274	16.4	6.2	>10000	0.22	3.9	0.1	<0.2	0.2	846.6	5.11	0.75
1731926	Vegetation	170.00		50.486	1.770	0.24	79.10	24.90	1678.4	326	11.9	4.4	7621	0.12	3.1	<0.1	<0.2	0.1	1035.6	4.41	0.40
1731927	Vegetation	140.00		50.498	1.319	0.58	143.31	33.70	1654.6	715	25.3	12.1	>10000	0.22	2.7	0.1	<0.2	0.3	770.6	13.69	0.85
1731928	Vegetation	170.00		50.713	1.227	0.60	135.73	30.76	975.1	411	21.9	9.4	>10000	0.20	3.5	0.1	<0.2	0.3	975.9	9.17	0.77
1731929	Vegetation	130.00		50.104	1.801	0.20	86.47	18.04	1245.8	378	13.4	5.2	>10000	0.07	1.9	<0.1	6.3	0.1	853.9	4.02	0.27

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CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731901	Vegetation	0.13	4	37.36	0.211	1.1	2.8	0.24	2281.1	0.004	132	0.12	0.026	0.42	0.1	1.3	<0.02	0.72	0.5	<0.02	0.6
1731902 TECK ASH-1	Ash	0.08	59	17.45	0.239	12.3	155.9	1.90	95.7	0.018	330	2.66	0.562	1.23	<0.1	10.1	0.12	0.42	0.5	<0.02	6.4
1731903	Vegetation	0.35	10	35.05	0.299	2.3	5.3	0.31	342.3	0.007	246	0.30	0.063	0.86	0.2	2.4	<0.02	2.92	1.7	0.11	1.3
OVEN STD-1	Vegetation	0.13	3	29.75	3.489	1.8	5.6	2.62	1321.4	0.017	1190	0.19	0.582	9.20	0.4	4.8	0.03	1.23	0.6	<0.02	1.9
1731904	Vegetation	0.42	9	35.83	0.405	2.6	5.0	0.34	1802.0	0.008	158	0.29	0.064	0.69	0.3	1.9	<0.02	1.18	1.2	0.11	1.5
1731905	Vegetation	0.41	9	36.23	0.340	2.2	5.0	0.28	2284.5	0.007	161	0.26	0.052	0.61	0.2	1.5	<0.02	1.05	1.0	0.10	1.3
1731906	Vegetation	0.23	5	34.87	0.293	1.7	3.5	0.35	703.8	0.005	242	0.17	0.080	1.92	0.2	1.3	<0.02	2.24	0.8	0.05	0.8
1731907	Vegetation	0.53	12	34.74	0.669	3.1	6.7	0.79	258.8	0.010	346	0.32	0.119	1.43	0.2	2.2	<0.02	2.01	1.3	0.09	1.8
1731908	Vegetation	0.47	11	36.84	0.546	2.9	5.5	0.56	275.2	0.009	295	0.42	0.082	1.05	0.2	2.1	<0.02	1.60	1.9	0.05	1.7
1731909	Vegetation	0.36	8	35.29	0.461	2.6	6.2	0.66	294.4	0.008	358	0.32	0.104	1.34	0.2	1.7	<0.02	2.65	1.2	0.03	1.8
1731910	Vegetation	0.50	10	35.54	0.591	2.5	8.7	0.67	663.2	0.008	418	0.32	0.095	1.33	0.2	1.9	<0.02	1.24	1.5	0.11	1.7
1731911	Vegetation	0.33	7	35.32	0.349	2.1	4.6	0.28	2087.2	0.006	200	0.23	0.058	0.70	0.1	1.9	<0.02	0.96	1.0	0.12	1.2
1731912	Vegetation	0.29	8	35.14	0.295	2.4	4.9	0.18	844.5	0.006	159	0.25	0.054	0.65	0.2	1.7	<0.02	1.66	1.1	0.09	1.1
1731913	Vegetation	0.20	5	37.38	0.235	1.5	3.9	0.22	2223.9	0.005	155	0.17	0.038	0.51	0.1	1.3	<0.02	0.80	0.6	0.06	0.8
1731914	Vegetation	0.23	5	35.59	0.192	1.7	3.1	0.28	2200.1	0.005	154	0.17	0.037	0.53	0.1	1.2	<0.02	0.80	0.8	0.04	0.8
1731915	Vegetation	0.05	<2	36.51	0.135	<0.5	1.6	0.23	2018.0	0.002	111	0.05	0.022	0.38	<0.1	0.6	<0.02	0.36	0.3	<0.02	0.4
1731916	Vegetation	0.41	9	33.40	0.438	2.8	5.4	0.39	449.5	0.008	244	0.27	0.055	0.92	0.2	1.7	<0.02	1.63	1.0	0.06	1.0
1731917 TECK ASH-1	Ash	0.11	53	17.48	0.230	12.6	156.7	1.88	98.2	0.021	313	2.68	0.563	1.23	0.1	10.0	0.13	0.40	0.2	0.05	6.1
1731918	Vegetation	0.25	6	34.63	0.279	1.7	4.0	0.32	781.7	0.006	209	0.22	0.063	1.14	0.2	1.6	<0.02	1.70	0.8	0.04	0.9
1731919	Vegetation	0.33	7	35.84	0.588	2.1	5.2	0.80	894.2	0.008	420	0.23	0.090	1.56	0.1	1.6	<0.02	1.00	1.5	<0.02	1.3
1731920	Vegetation	0.19	4	35.66	0.337	1.2	2.9	0.52	1418.2	0.004	186	0.17	0.036	0.88	0.1	0.9	<0.02	1.09	0.7	<0.02	1.1
1731921	Vegetation	0.24	4	36.54	0.430	1.5	3.6	0.61	3790.2	0.006	255	0.30	0.038	0.88	<0.1	1.1	<0.02	0.60	0.8	0.07	1.3
1731922	Vegetation	0.24	5	33.42	1.118	1.9	4.4	1.56	1362.7	0.012	540	0.25	0.123	3.58	0.2	2.2	<0.02	1.04	1.1	<0.02	1.9
1731923	Vegetation	0.21	5	35.11	0.538	1.5	3.3	0.54	667.1	0.006	299	0.22	0.099	3.26	<0.1	1.2	<0.02	1.53	0.8	0.15	1.4
1731924	Vegetation	0.21	4	35.93	0.519	1.5	3.2	0.64	2252.4	0.006	308	0.21	0.050	1.27	0.1	1.3	<0.02	0.80	0.7	<0.02	1.4
1731925	Vegetation	0.28	5	35.50	0.446	1.7	3.8	0.48	1658.3	0.005	177	0.25	0.046	0.94	0.1	1.2	<0.02	0.83	1.1	<0.02	1.3
1731926	Vegetation	0.14	3	35.18	0.448	1.2	2.1	0.73	3930.5	0.005	277	0.17	0.054	2.12	<0.1	1.2	<0.02	0.66	0.4	<0.02	0.9
1731927	Vegetation	0.31	6	33.55	0.658	1.8	3.9	0.79	772.2	0.007	273	0.21	0.084	1.57	0.1	1.5	<0.02	1.19	1.0	0.03	1.6
1731928	Vegetation	0.29	5	34.00	0.652	1.8	3.8	0.87	1419.1	0.007	324	0.21	0.050	1.49	0.2	1.4	<0.02	1.04	1.2	0.09	1.5
1731929	Vegetation	0.07	<2	37.75	0.425	2.3	1.8	0.63	3115.9	0.004	269	0.15	0.042	1.87	<0.1	1.1	<0.02	0.50	0.5	0.05	0.8

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Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
1731901	Vegetation	0.18	0.1	0.05	0.08	11.4	0.7	<0.05	1.1	0.79	2.2	0.02	3	<0.1	0.7	<10	2
1731902 TECK ASH-1	Ash	0.97	<0.1	0.24	0.02	18.2	0.7	<0.05	7.2	9.39	27.4	0.02	<1	0.3	11.2	<10	6
1731903	Vegetation	0.52	0.4	0.10	0.22	29.7	1.3	<0.05	2.3	1.38	4.4	0.03	<1	0.1	1.6	<10	<2
OVEN STD-1	Vegetation	0.95	0.2	<0.02	0.12	149.0	4.3	<0.05	1.5	0.47	4.1	<0.02	<1	0.1	3.8	<10	<2
1731904	Vegetation	0.41	0.2	0.06	0.14	20.3	1.5	<0.05	2.1	1.55	5.1	0.03	<1	<0.1	1.6	<10	<2
1731905	Vegetation	0.47	0.3	0.08	0.14	20.1	1.3	<0.05	1.8	1.70	4.5	0.03	8	0.2	1.3	<10	<2
1731906	Vegetation	0.38	0.3	0.06	0.12	49.9	0.8	<0.05	1.5	1.01	3.3	<0.02	7	<0.1	1.2	<10	<2
1731907	Vegetation	0.67	<0.1	0.08	0.21	33.9	1.6	<0.05	2.3	1.67	5.8	0.05	2	<0.1	2.6	<10	3
1731908	Vegetation	0.86	0.3	0.06	0.21	32.2	1.6	<0.05	2.2	1.82	5.6	0.06	2	0.2	2.0	<10	<2
1731909	Vegetation	1.11	0.1	0.06	0.14	51.8	1.2	<0.05	1.8	1.42	5.0	0.04	8	<0.1	2.1	<10	<2
1731910	Vegetation	1.25	0.3	0.04	0.15	53.5	1.3	<0.05	2.1	1.53	4.7	0.05	15	0.1	1.8	<10	3
1731911	Vegetation	0.38	0.2	0.04	0.16	22.1	1.2	<0.05	1.7	1.12	3.8	0.04	2	0.1	1.3	<10	5
1731912	Vegetation	0.42	0.2	0.06	0.13	20.0	1.2	<0.05	2.0	1.40	4.4	0.03	5	<0.1	1.2	<10	<2
1731913	Vegetation	0.25	0.3	0.04	0.11	15.7	0.8	<0.05	1.2	0.94	2.9	0.02	<1	<0.1	1.0	<10	3
1731914	Vegetation	0.29	<0.1	0.03	0.14	16.7	0.7	<0.05	1.3	0.93	3.2	<0.02	2	<0.1	1.1	<10	3
1731915	Vegetation	0.15	<0.1	<0.02	0.03	11.7	0.2	<0.05	0.4	0.27	0.8	<0.02	2	<0.1	0.5	<10	2
1731916	Vegetation	0.61	0.2	0.09	0.13	35.7	1.1	<0.05	2.2	1.59	5.2	0.04	7	<0.1	1.6	<10	5
1731917 TECK ASH-1	Ash	0.97	0.3	0.23	0.05	18.4	0.7	<0.05	6.8	9.21	27.0	0.03	<1	0.3	11.7	<10	5
1731918	Vegetation	0.43	0.2	0.05	0.34	38.4	1.2	<0.05	1.6	1.01	3.4	<0.02	5	<0.1	1.5	<10	<2
1731919	Vegetation	1.92	0.2	0.07	0.11	80.4	0.8	<0.05	1.4	1.18	4.0	0.02	10	<0.1	1.9	<10	6
1731920	Vegetation	1.00	<0.1	0.04	0.09	39.6	0.6	<0.05	0.9	0.74	2.3	0.03	2	<0.1	1.0	<10	<2
1731921	Vegetation	0.86	0.3	0.02	0.12	39.3	0.6	<0.05	1.0	0.83	2.9	0.03	<1	<0.1	1.2	<10	<2
1731922	Vegetation	2.03	0.2	0.04	0.26	175.9	0.7	<0.05	1.4	0.88	3.3	0.06	10	<0.1	3.0	<10	<2
1731923	Vegetation	1.43	0.3	0.03	0.15	119.0	0.7	<0.05	1.3	0.95	3.1	<0.02	8	<0.1	1.7	<10	5
1731924	Vegetation	0.92	0.1	0.04	0.16	54.7	0.7	<0.05	1.1	0.75	2.5	<0.02	3	<0.1	1.7	<10	3
1731925	Vegetation	0.68	0.2	0.03	0.15	29.6	0.9	<0.05	1.3	0.97	3.5	0.03	2	<0.1	2.5	<10	2
1731926	Vegetation	0.58	0.1	0.03	0.11	74.0	0.4	<0.05	0.9	0.62	2.2	<0.02	3	<0.1	1.4	<10	2
1731927	Vegetation	1.41	0.2	0.05	0.11	62.8	0.9	<0.05	1.4	0.97	3.5	0.03	8	<0.1	6.4	<10	3
1731928	Vegetation	1.42	0.3	0.07	0.13	66.0	0.7	<0.05	1.3	1.02	3.7	0.02	5	<0.1	2.6	<10	3
1731929	Vegetation	1.21	0.1	<0.02	0.08	76.0	0.3	<0.05	0.7	0.40	1.4	<0.02	2	<0.1	1.9	<10	<2

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731930	Vegetation	130.00	<0.01	50.059	1.928	0.35	94.12	22.95	1001.9	540	13.3	7.5	>10000	0.14	2.1	<0.1	<0.2	0.2	961.7	12.43	0.47
1731931	Vegetation	170.00	<0.01	50.947	1.415	0.60	101.52	36.67	1239.0	556	17.2	7.9	>10000	0.20	4.5	0.1	1.6	0.2	1196.3	14.28	0.61
1731932	Vegetation	140.00	<0.01	50.267	1.514	0.62	110.38	38.18	1245.2	1212	18.4	7.4	8318	0.19	5.5	0.1	<0.2	0.2	772.0	13.26	0.74
1731933 TECK ASH-2	Ash					0.48	115.96	12.54	2462.6	490	11.2	4.4	>10000	0.11	2.1	<0.1	8.4	0.1	1211.0	4.96	0.31
1731934	Vegetation	110.00		50.917	1.293	0.54	107.01	40.95	1429.8	596	19.2	8.4	>10000	0.20	3.0	0.1	<0.2	0.2	1005.8	15.86	0.74
1731935	Vegetation	100.00		50.696	1.541	0.44	91.37	27.46	1910.3	496	7.3	4.5	6879	0.16	2.2	0.1	<0.2	0.2	846.3	11.64	0.45
1731936	Vegetation	110.00		50.241	2.506	0.34	63.10	25.54	1417.4	303	6.1	3.5	5233	0.13	1.5	<0.1	<0.2	0.2	454.0	3.24	0.43
1731937	Vegetation	120.00		50.835	1.796	0.32	67.94	20.63	1567.4	266	9.2	2.5	7389	0.14	3.9	<0.1	<0.2	0.2	717.8	4.77	0.53
1731938	Vegetation	120.00		50.852	1.618	0.84	95.27	43.71	1425.4	731	13.5	2.4	4722	0.31	4.3	0.2	0.5	0.4	807.8	2.61	1.27
1731939	Vegetation	120.00		50.119	0.955	1.20	151.94	67.35	1755.1	443	25.3	6.2	9636	0.37	2.9	0.2	2.2	0.6	852.5	11.87	1.41
1731940	Vegetation	130.00		50.677	1.673	0.94	80.00	38.64	1493.5	399	29.9	5.4	8911	0.36	2.4	0.2	2.4	0.5	572.1	5.15	1.15
1731941	Vegetation	120.00		50.908	1.463	0.94	80.39	27.67	1365.7	329	25.2	4.4	>10000	0.35	3.0	0.2	1.7	0.5	537.3	7.15	1.07
1731942	Vegetation	130.00		50.267	1.774	0.71	143.46	38.18	1374.2	502	28.8	7.9	>10000	0.30	4.3	0.2	0.7	0.3	436.1	7.45	0.89
1731943	Vegetation	80.00		50.273	0.950	0.96	122.25	29.22	767.8	703	36.4	4.0	>10000	0.45	1.5	0.2	1.4	0.6	313.5	5.33	1.15
1731944	Vegetation	180.00		50.249	0.887	0.87	142.94	46.63	2084.2	759	31.8	11.2	>10000	0.34	2.5	0.2	<0.2	0.4	830.5	17.74	1.19
1731945	Vegetation	80.00		50.107	0.595	1.55	187.45	24.18	1670.1	1475	40.5	8.4	>10000	0.45	1.4	0.3	4.0	0.7	840.6	11.22	2.10
1731946	Vegetation	120.00		50.008	0.831	0.51	197.00	13.21	2817.6	530	21.1	10.9	>10000	0.15	2.0	0.1	1.0	0.4	922.1	17.50	0.52
1731947	Vegetation	110.00		50.556	0.919	0.88	151.83	31.81	1686.0	869	20.0	7.3	>10000	0.24	1.8	0.2	0.3	0.4	684.4	12.16	0.96
1731948	Vegetation	190.00		50.471	2.517	0.33	84.49	25.47	1627.5	184	9.1	3.5	5300	0.08	1.9	<0.1	0.8	0.2	878.2	2.55	0.44
1731949	Vegetation	150.00		50.502	1.142	0.55	104.72	28.57	1712.4	380	8.2	3.1	8656	0.17	1.3	0.1	1.1	0.3	1291.9	5.41	0.72
1731950	Vegetation	120.00		50.434	1.617	0.49	76.85	20.81	1396.5	657	14.4	8.3	9507	0.15	1.8	0.1	<0.2	0.2	739.0	9.77	0.69
1731951	Vegetation	170.00		50.801	1.653	0.41	97.82	24.00	3083.8	203	19.7	5.2	8504	0.09	1.4	<0.1	<0.2	0.1	1156.2	4.48	0.35
1731952	Vegetation	160.00		50.323	1.887	0.35	101.25	26.46	1795.0	350	18.5	7.4	>10000	0.11	1.5	<0.1	0.7	0.1	1048.1	9.68	0.55
1731953	Vegetation	150.00		50.591	1.636	0.33	114.51	30.80	1552.8	364	17.8	6.0	>10000	0.11	1.0	<0.1	<0.2	0.1	1021.7	10.27	0.53
1731954	Vegetation	150.00		50.865	2.142	0.28	95.55	16.66	1430.0	140	8.9	3.5	5078	0.07	0.8	<0.1	0.6	<0.1	1041.6	2.90	0.27
1731955	Vegetation	180.00		50.209	1.340	0.47	121.95	34.79	1595.9	643	10.8	6.7	>10000	0.13	2.0	<0.1	0.3	0.2	664.1	11.45	0.54
1731956	Vegetation	170.00		50.532	0.968	0.54	252.03	40.67	1828.0	1302	17.1	17.7	>10000	0.20	4.1	0.2	0.4	0.2	1701.7	15.44	0.75
1731957	Vegetation	180.00		50.283	2.296	0.55	89.50	36.62	1613.5	405	8.2	3.4	5166	0.16	1.7	0.1	<0.2	0.3	688.8	4.49	0.80
1731958	Vegetation	230.00		50.556	1.821	0.42	86.93	30.98	1963.5	309	9.6	4.5	6383	0.13	2.6	0.1	<0.2	0.2	1064.0	3.35	0.57
1731959	Vegetation	170.00		50.857	1.775	0.17	88.36	16.35	1829.1	353	11.9	5.2	>10000	0.09	1.5	<0.1	<0.2	0.1	875.8	8.66	0.31

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731930	Vegetation	0.16	3	35.79	0.398	1.2	2.6	0.52	2457.8	0.005	218	0.13	0.045	1.13	<0.1	0.8	<0.02	0.85	0.9	<0.02	1.2
1731931	Vegetation	0.24	5	34.67	0.472	1.7	3.6	0.59	603.2	0.005	233	0.19	0.039	1.42	<0.1	1.1	<0.02	1.31	0.8	<0.02	1.5
1731932	Vegetation	0.28	5	34.40	0.451	1.6	3.6	0.54	153.7	0.005	224	0.20	0.055	1.65	0.1	1.0	0.03	3.33	1.1	0.06	1.3
1731933 TECK ASH-2	Ash	<0.02	<2	34.02	0.525	1.3	1.5	0.84	4614.0	0.005	273	0.27	0.027	2.62	<0.1	1.0	0.02	0.44	<0.1	<0.02	1.0
1731934	Vegetation	0.19	6	34.02	0.540	1.6	3.5	0.76	708.7	0.006	295	0.19	0.057	1.69	0.2	1.1	<0.02	1.18	1.1	<0.02	1.3
1731935	Vegetation	0.16	4	35.65	0.372	1.3	2.5	0.43	1662.9	0.005	230	0.11	0.045	1.14	<0.1	0.9	<0.02	0.88	0.8	<0.02	1.0
1731936	Vegetation	0.10	4	35.98	0.319	1.1	2.0	0.46	1429.0	0.005	233	0.13	0.063	1.34	<0.1	1.2	<0.02	0.57	0.6	<0.02	0.8
1731937	Vegetation	0.13	4	35.92	0.299	1.1	2.5	0.48	2511.3	0.004	203	0.11	0.039	0.92	0.1	0.7	<0.02	0.91	0.6	<0.02	0.9
1731938	Vegetation	0.40	9	34.70	0.422	2.4	4.7	0.50	777.4	0.008	244	0.25	0.065	1.26	0.2	1.5	<0.02	1.30	1.4	0.07	1.5
1731939	Vegetation	0.50	11	33.94	0.741	3.3	6.7	0.85	1771.1	0.011	330	0.35	0.104	1.87	0.2	2.1	<0.02	0.96	1.4	<0.02	1.7
1731940	Vegetation	0.39	10	34.81	0.541	3.4	5.9	0.67	1365.9	0.009	223	0.39	0.102	1.46	0.2	1.7	<0.02	1.31	1.8	<0.02	1.6
1731941	Vegetation	0.39	9	36.17	0.583	3.0	5.2	0.56	1389.0	0.009	285	0.34	0.089	1.08	0.2	1.6	<0.02	0.98	1.3	0.03	1.7
1731942	Vegetation	0.37	8	35.18	0.525	2.7	4.5	0.58	546.8	0.008	265	0.30	0.080	1.89	0.2	1.5	0.03	1.75	1.4	0.14	1.6
1731943	Vegetation	0.38	12	32.54	0.791	3.1	6.6	0.52	1712.0	0.012	263	0.38	0.232	2.27	0.2	2.3	0.03	1.40	1.1	<0.02	1.7
1731944	Vegetation	0.41	10	36.41	0.772	3.0	5.0	0.98	2518.3	0.009	363	0.30	0.105	1.52	0.2	1.8	0.03	0.88	1.5	0.09	2.0
1731945	Vegetation	0.52	13	31.02	1.572	4.1	8.2	1.26	297.9	0.015	435	0.45	0.346	2.64	0.3	2.7	0.04	1.64	2.1	0.03	2.4
1731946	Vegetation	0.12	4	38.46	0.855	1.7	3.7	1.18	2543.4	0.009	763	0.24	0.147	2.07	<0.1	2.0	<0.02	0.69	1.0	<0.02	1.8
1731947	Vegetation	0.29	7	37.42	0.790	2.1	4.6	0.89	990.1	0.009	489	0.27	0.145	1.73	0.2	1.8	0.06	0.98	0.9	0.04	1.7
1731948	Vegetation	0.08	2	36.60	0.324	1.0	1.7	0.74	2372.4	0.004	277	0.14	0.098	2.79	<0.1	1.1	<0.02	0.53	0.7	<0.02	0.9
1731949	Vegetation	0.23	5	36.78	0.472	1.6	3.1	0.80	2030.7	0.006	403	0.15	0.097	1.10	0.1	1.2	<0.02	0.83	0.9	<0.02	1.1
1731950	Vegetation	0.19	4	37.91	0.450	1.3	2.8	0.48	2768.9	0.006	237	0.16	0.088	0.99	0.2	1.1	<0.02	0.68	1.1	<0.02	1.0
1731951	Vegetation	0.10	2	>40	0.449	1.1	1.8	0.92	2382.9	0.005	429	0.42	0.087	2.14	<0.1	1.2	<0.02	0.54	0.6	<0.02	0.9
1731952	Vegetation	0.13	4	37.49	0.445	1.2	2.3	0.68	3970.5	0.005	302	0.34	0.078	1.24	<0.1	1.0	<0.02	0.58	0.7	<0.02	0.9
1731953	Vegetation	0.11	3	38.05	0.543	1.2	2.1	1.20	4141.5	0.006	354	0.25	0.109	2.02	0.1	1.3	<0.02	0.66	0.5	<0.02	1.0
1731954	Vegetation	0.07	2	38.83	0.378	1.1	1.6	0.45	4032.2	0.004	309	0.26	0.083	2.04	<0.1	0.9	<0.02	0.51	0.5	<0.02	0.7
1731955	Vegetation	0.16	4	39.88	0.549	1.3	2.1	0.73	3527.9	0.008	456	0.16	0.137	2.75	<0.1	1.6	<0.02	0.64	0.6	<0.02	1.0
1731956	Vegetation	0.23	5	>40	0.757	1.8	3.0	0.76	458.1	0.008	694	0.22	0.164	1.84	0.1	1.7	<0.02	1.38	1.3	<0.02	1.5
1731957	Vegetation	0.21	5	>40	0.438	1.6	2.9	0.52	3535.5	0.007	304	0.19	0.125	1.48	<0.1	1.6	<0.02	0.75	1.2	<0.02	1.0
1731958	Vegetation	0.16	4	>40	0.396	1.4	2.6	0.55	2885.9	0.006	393	0.26	0.114	1.30	0.1	1.4	<0.02	0.88	1.1	0.03	0.7
1731959	Vegetation	0.08	2	>40	0.365	0.9	1.7	0.92	3742.9	0.005	425	0.23	0.108	2.14	<0.1	1.2	<0.02	0.63	0.5	<0.02	1.0

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731930	Vegetation	1.07	0.1	0.03	0.08	59.9	0.5	<0.05	0.9	0.69	2.4	0.03	13	<0.1	1.8	11	<2
1731931	Vegetation	0.84	0.2	0.05	0.11	64.1	0.7	<0.05	1.3	1.04	3.4	0.03	3	<0.1	1.8	<10	6
1731932	Vegetation	1.22	0.2	<0.02	0.14	80.0	1.0	<0.05	1.5	0.98	3.0	<0.02	5	<0.1	2.5	<10	3
1731933 TECK ASH-2	Ash	0.59	0.1	<0.02	0.04	69.1	0.2	<0.05	0.6	0.63	1.3	<0.02	3	<0.1	0.7	<10	<2
1731934	Vegetation	1.60	0.4	0.03	0.13	85.6	0.9	<0.05	1.4	0.96	3.3	0.03	4	<0.1	2.4	<10	4
1731935	Vegetation	1.09	0.2	0.05	0.09	52.9	0.6	<0.05	1.2	0.84	2.6	<0.02	12	<0.1	1.8	<10	3
1731936	Vegetation	1.17	0.1	0.04	0.11	56.4	0.6	<0.05	1.0	0.67	2.0	0.03	<1	<0.1	1.7	<10	3
1731937	Vegetation	0.58	0.2	<0.02	0.10	41.7	0.6	<0.05	1.0	0.70	2.0	<0.02	4	<0.1	1.9	<10	<2
1731938	Vegetation	0.83	0.1	0.07	0.16	49.0	1.2	<0.05	2.0	1.36	4.6	0.05	15	0.1	3.0	<10	2
1731939	Vegetation	2.59	0.2	0.05	0.19	87.5	1.4	<0.05	2.4	1.79	6.2	0.04	5	0.1	5.9	<10	2
1731940	Vegetation	0.93	0.2	0.06	0.18	53.7	1.1	<0.05	2.5	1.80	6.3	0.02	8	0.1	5.2	<10	3
1731941	Vegetation	1.11	0.1	0.06	0.18	49.1	1.1	<0.05	2.3	1.65	5.5	0.03	5	<0.1	4.5	<10	2
1731942	Vegetation	1.12	0.2	0.05	0.20	72.1	1.2	<0.05	2.1	1.51	5.0	0.03	8	<0.1	3.9	<10	<2
1731943	Vegetation	1.74	<0.1	0.07	0.21	62.7	1.2	<0.05	2.1	1.39	5.5	0.02	5	0.2	17.9	<10	<2
1731944	Vegetation	1.37	0.1	0.07	0.20	83.4	1.0	<0.05	2.1	1.46	5.1	0.04	9	0.1	6.3	<10	4
1731945	Vegetation	4.46	0.2	<0.02	0.22	142.7	1.7	<0.05	1.1	2.03	7.9	0.04	5	0.1	33.3	<10	2
1731946	Vegetation	3.75	0.2	0.03	0.13	104.9	0.6	<0.05	1.3	0.84	3.1	0.03	1	<0.1	8.2	<10	4
1731947	Vegetation	2.14	0.2	0.06	0.19	101.4	1.1	<0.05	1.7	1.16	4.1	0.03	5	0.1	8.8	<10	<2
1731948	Vegetation	1.87	0.2	0.04	0.10	114.0	0.3	<0.05	0.7	0.52	1.9	<0.02	<1	<0.1	4.1	<10	<2
1731949	Vegetation	1.57	0.3	0.04	0.84	55.2	0.7	<0.05	1.1	0.76	2.9	0.03	8	0.1	5.6	<10	<2
1731950	Vegetation	1.11	<0.1	0.03	0.13	41.4	0.6	<0.05	1.2	0.71	2.5	<0.02	2	<0.1	5.5	<10	<2
1731951	Vegetation	1.44	0.1	0.04	0.16	90.6	0.2	<0.05	0.8	0.51	1.9	<0.02	<1	<0.1	4.2	<10	3
1731952	Vegetation	0.71	0.1	0.03	0.14	51.6	0.5	<0.05	0.9	0.64	2.3	<0.02	<1	<0.1	3.6	<10	4
1731953	Vegetation	1.30	<0.1	0.04	0.16	77.5	0.5	<0.05	0.9	0.59	2.1	<0.02	3	<0.1	10.3	<10	<2
1731954	Vegetation	0.65	<0.1	0.03	0.08	64.7	0.3	<0.05	0.7	0.50	1.6	<0.02	3	<0.1	3.2	<10	<2
1731955	Vegetation	1.76	0.2	0.04	0.16	93.3	0.5	<0.05	1.1	0.66	2.4	0.03	<1	0.1	7.4	<10	<2
1731956	Vegetation	1.13	0.3	0.04	0.19	69.7	0.9	<0.05	1.4	0.90	3.0	<0.02	4	<0.1	17.1	<10	3
1731957	Vegetation	1.39	0.1	0.04	0.17	70.3	0.6	<0.05	1.4	0.94	3.3	0.04	5	<0.1	8.8	<10	<2
1731958	Vegetation	0.67	0.1	0.03	0.14	47.4	0.6	<0.05	1.3	0.76	2.4	<0.02	3	<0.1	5.3	<10	2
1731959	Vegetation	0.62	<0.1	<0.02	0.12	57.4	0.4	<0.05	0.8	0.50	1.6	<0.02	8	<0.1	4.3	<10	<2

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731960	Vegetation	150.00		50.416	1.881	0.41	89.65	26.51	2062.8	583	15.6	4.4	7854	0.14	2.2	0.1	<0.2	0.2	1027.1	6.03	0.68
1731961	Vegetation	150.00		50.323	1.919	0.54	86.90	55.35	1853.6	194	13.3	4.4	7525	0.14	0.7	<0.1	<0.2	0.2	888.0	3.48	0.58
1731962	Vegetation	170.00		50.228	1.334	0.44	140.82	32.67	2303.9	934	16.1	5.6	>10000	0.18	5.0	0.1	0.7	0.2	759.5	9.98	0.74
1731963	Vegetation	240.00		50.271	2.628	0.28	77.68	16.55	1412.3	266	5.5	2.1	2815	0.07	0.7	<0.1	0.3	<0.1	798.7	1.90	0.24
1731964 TECK ASH-1	Ash					0.82	72.20	8.46	164.7	44	134.9	16.6	1064	2.42	4.7	0.6	7.6	3.5	911.7	0.21	0.20
1731965	Vegetation	200.00		50.266	1.771	0.42	102.15	33.09	2010.6	445	15.1	4.3	8545	0.13	2.7	<0.1	<0.2	0.2	834.5	4.72	0.54
1731966	Vegetation	150.00		50.757	1.625	0.59	101.03	44.92	1920.8	617	19.1	5.1	>10000	0.15	1.9	0.1	0.3	0.2	954.9	9.55	0.58
1731967	Vegetation	160.00		50.524	1.068	0.52	131.62	60.18	1858.3	543	28.3	5.0	>10000	0.24	1.7	0.2	0.4	0.3	582.2	6.67	0.94
1731968	Vegetation	170.00		50.908	2.335	0.49	103.95	22.39	1254.1	356	7.6	3.8	4700	0.10	1.4	<0.1	<0.2	0.1	760.8	2.59	0.36
1731969	Vegetation	200.00		50.973	1.799	0.57	85.00	30.35	1876.5	151	6.8	2.3	3129	0.15	4.0	<0.1	<0.2	0.2	1251.9	2.01	0.81
1731970	Vegetation	190.00		50.438	1.185	1.06	171.37	38.54	1589.6	537	14.2	2.5	2804	0.31	13.0	0.2	1.1	0.3	944.7	2.60	1.39
1731971	Vegetation	110.00		50.471	1.061	0.68	109.11	22.15	1712.3	432	20.7	4.5	6717	0.27	0.6	0.2	1.0	0.3	434.4	3.06	0.90
1731972	Vegetation	170.00		50.818	1.521	0.55	89.64	27.68	1038.3	502	15.1	8.4	6945	0.24	4.0	0.2	0.4	0.2	583.0	4.12	0.84
1731973	Vegetation	190.00		50.327	1.355	0.45	100.67	28.99	1337.6	633	14.7	9.9	>10000	0.22	4.2	0.1	1.5	0.2	664.7	3.35	0.62
1731974	Vegetation	140.00		50.239	1.446	0.74	84.73	29.04	1421.8	402	19.9	9.8	8067	0.25	3.5	0.1	0.3	0.3	574.3	2.08	0.84
1731975	Vegetation	130.00		50.932	1.990	0.49	62.22	18.00	1362.6	251	19.7	4.4	6278	0.15	1.9	<0.1	1.0	0.2	422.6	1.35	0.65
1731976	Vegetation	170.00		50.578	0.885	1.33	173.75	61.04	1852.6	243	9.5	2.4	3121	0.45	6.2	0.3	2.5	0.4	818.4	1.78	2.11
1731977	Vegetation	150.00		50.459	1.143	1.06	115.29	38.26	1688.2	503	13.8	3.5	5139	0.36	6.9	0.3	1.0	0.4	749.5	3.07	1.40
1731978	Vegetation	110.00		50.571	1.778	0.59	82.01	24.01	1550.3	325	13.6	7.9	8442	0.23	3.4	0.1	<0.2	0.2	583.7	4.19	0.72
1731979	Vegetation	150.00		50.771	1.229	0.74	145.91	29.97	2179.8	1248	21.2	7.6	8672	0.27	2.9	0.2	<0.2	0.4	640.3	3.66	1.02
1731980	Vegetation	150.00		50.283	1.182	0.63	131.49	20.48	1084.6	874	17.4	9.3	6754	0.29	0.6	0.2	0.4	0.3	473.3	3.51	0.75
1731981	Vegetation	120.00		50.558	1.817	0.65	79.32	18.65	1275.4	530	19.5	7.8	8156	0.19	1.3	0.1	1.0	0.3	622.5	1.98	0.74
1731982	Vegetation	100.00		50.439	1.551	0.37	87.33	15.41	1772.9	734	22.7	6.7	>10000	0.20	1.3	0.1	<0.2	0.3	581.1	3.42	0.72
1731983	Vegetation	120.00		50.975	1.373	0.71	115.83	22.30	1348.8	1029	23.3	6.7	7017	0.28	0.6	0.2	<0.2	0.3	526.5	3.77	0.96
1731984	Vegetation	130.00		50.376	1.068	0.54	154.24	36.80	2634.4	1464	17.6	4.5	>10000	0.20	1.6	0.1	<0.2	0.2	502.8	3.77	0.83
1731985	Vegetation	130.00		50.606	1.268	0.91	95.86	26.00	1718.3	504	21.7	4.8	8621	0.39	4.8	0.2	<0.2	0.6	437.4	2.70	1.34
1731986	Vegetation	110.00		50.497	1.156	0.41	99.06	18.50	3835.4	398	30.4	4.9	>10000	0.21	4.1	0.2	<0.2	0.3	452.5	1.53	0.74
1731987	Vegetation	130.00		50.796	1.379	0.85	70.37	31.46	1905.3	226	19.0	3.3	9758	0.44	3.4	0.2	1.2	0.5	525.5	1.56	1.27
1731988	Vegetation	130.00		50.395	1.435	0.65	75.04	20.89	1514.6	310	9.1	3.4	5269	0.28	2.6	0.2	<0.2	0.4	845.0	1.75	1.12
1731989	Vegetation	160.00		50.337	1.653	0.44	66.84	16.38	1431.8	172	5.1	1.7	3134	0.18	3.8	0.1	<0.2	0.2	825.8	1.41	0.71

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731960	Vegetation	0.15	4	>40	0.517	1.7	2.9	0.91	2696.1	0.008	397	0.28	0.129	1.06	0.1	1.9	<0.02	0.74	1.0	<0.02	1.0
1731961	Vegetation	0.21	4	35.05	0.457	1.7	2.1	0.61	2600.1	0.005	183	0.25	0.090	3.75	0.2	1.1	<0.02	0.62	0.8	<0.02	0.8
1731962	Vegetation	0.26	5	34.22	0.547	1.7	3.1	0.90	1665.5	0.006	283	0.29	0.075	2.18	0.1	1.1	<0.02	1.45	0.9	<0.02	1.3
1731963	Vegetation	0.06	<2	36.94	0.260	0.6	1.4	0.41	2108.4	0.003	117	0.07	0.044	1.85	<0.1	0.7	<0.02	0.34	0.3	<0.02	0.6
1731964 TECK ASH-1	Ash	0.13	53	18.15	0.244	13.0	157.5	1.92	95.8	0.019	299	2.71	0.571	1.22	<0.1	10.0	0.12	0.41	0.5	0.02	6.4
1731965	Vegetation	0.14	4	35.02	0.507	1.5	2.3	0.80	2412.9	0.006	207	0.27	0.083	3.01	<0.1	1.1	<0.02	0.53	0.7	<0.02	1.0
1731966	Vegetation	0.18	4	35.47	0.511	1.5	2.6	0.81	2240.5	0.005	221	0.23	0.073	2.43	<0.1	0.9	<0.02	1.00	1.0	<0.02	1.3
1731967	Vegetation	0.33	7	34.75	0.679	2.4	3.5	1.02	4183.9	0.007	312	0.31	0.095	1.63	0.1	1.3	<0.02	0.70	1.1	<0.02	1.5
1731968	Vegetation	0.10	3	36.67	0.359	1.0	1.7	0.50	1662.8	0.004	175	0.11	0.092	2.61	<0.1	0.8	0.02	0.41	0.8	<0.02	0.7
1731969	Vegetation	0.18	5	36.10	0.399	1.3	2.2	0.43	2166.6	0.004	134	0.12	0.060	1.00	0.2	0.8	<0.02	1.02	0.6	<0.02	0.7
1731970	Vegetation	0.34	10	33.47	0.482	2.2	4.7	0.40	227.1	0.007	237	0.29	0.117	1.40	0.2	1.7	<0.02	3.94	1.9	<0.02	1.4
1731971	Vegetation	0.21	7	33.56	0.575	2.0	3.7	0.78	3410.6	0.008	219	0.35	0.123	1.29	0.2	1.3	<0.02	0.67	1.0	<0.02	1.1
1731972	Vegetation	0.21	6	34.21	0.465	2.0	3.7	0.43	357.6	0.007	207	0.24	0.097	1.02	0.1	1.3	<0.02	1.47	1.0	0.08	1.1
1731973	Vegetation	0.20	6	33.49	0.445	1.8	3.0	0.53	509.0	0.006	206	0.23	0.074	1.49	0.1	1.2	<0.02	1.50	0.7	<0.02	1.2
1731974	Vegetation	0.26	7	34.11	0.468	1.9	3.7	0.54	772.2	0.006	242	0.29	0.093	1.38	0.1	1.3	<0.02	1.34	0.7	<0.02	1.1
1731975	Vegetation	0.16	4	35.85	0.353	1.1	2.9	0.42	3493.6	0.004	189	0.19	0.074	0.82	<0.1	0.8	<0.02	0.51	0.6	<0.02	0.7
1731976	Vegetation	0.59	13	32.60	0.675	3.1	5.5	0.44	3225.1	0.009	332	0.30	0.125	1.69	0.3	1.5	<0.02	0.93	2.3	0.09	1.7
1731977	Vegetation	0.45	11	32.52	0.620	2.9	6.4	0.57	359.7	0.008	246	0.31	0.112	1.37	0.2	1.6	<0.02	1.56	1.5	<0.02	1.3
1731978	Vegetation	0.26	6	34.61	0.431	1.7	3.5	0.43	721.0	0.005	224	0.20	0.089	1.01	0.1	1.3	<0.02	1.19	0.8	<0.02	1.1
1731979	Vegetation	0.33	7	34.42	0.640	2.6	4.4	0.82	2361.6	0.009	352	0.35	0.146	1.23	0.1	1.6	<0.02	0.85	1.3	<0.02	1.5
1731980	Vegetation	0.19	7	33.18	0.547	1.9	6.4	0.54	4452.8	0.010	277	0.27	0.121	0.94	0.1	1.4	0.02	0.68	0.8	<0.02	1.1
1731981	Vegetation	0.17	4	36.38	0.401	1.8	2.9	0.40	2487.4	0.006	137	0.23	0.073	0.68	0.1	1.0	<0.02	0.55	0.9	<0.02	0.9
1731982	Vegetation	0.16	5	35.94	0.468	1.7	3.2	0.56	5145.2	0.006	198	0.20	0.091	0.74	0.1	1.1	<0.02	0.59	0.7	<0.02	1.2
1731983	Vegetation	0.26	7	35.73	0.595	2.4	3.9	0.47	3252.7	0.008	217	0.32	0.104	0.98	0.2	1.4	<0.02	0.63	1.2	0.03	1.2
1731984	Vegetation	0.20	6	35.10	0.709	1.7	3.4	0.93	3876.3	0.008	456	0.22	0.144	2.13	0.1	1.7	<0.02	0.63	1.1	<0.02	1.2
1731985	Vegetation	0.35	11	33.27	0.485	3.0	5.6	0.43	748.3	0.009	191	0.41	0.105	1.04	0.2	1.9	<0.02	1.29	1.5	0.09	1.8
1731986	Vegetation	0.16	5	34.74	0.454	2.1	4.1	0.70	4288.0	0.007	337	0.26	0.087	0.83	0.2	1.5	<0.02	0.79	0.9	0.12	1.5
1731987	Vegetation	0.39	12	34.58	0.505	3.3	5.5	0.41	569.6	0.008	123	0.39	0.118	0.90	0.2	2.0	<0.02	1.12	1.8	<0.02	1.7
1731988	Vegetation	0.26	8	35.64	0.412	2.3	4.6	0.38	2379.7	0.008	222	0.25	0.140	0.70	0.2	1.7	<0.02	0.95	1.2	<0.02	1.4
1731989	Vegetation	0.16	6	35.48	0.317	1.5	2.9	0.28	2195.1	0.004	156	0.15	0.062	0.59	<0.1	1.2	<0.02	1.43	0.8	0.08	0.7

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731960	Vegetation	1.35	0.2	0.06	0.16	47.3	0.6	<0.05	1.5	0.95	3.0	<0.02	<1	0.1	11.0	<10	2
1731961	Vegetation	1.53	0.2	0.03	0.14	106.2	0.5	<0.05	1.0	0.91	2.9	<0.02	5	0.1	4.5	<10	2
1731962	Vegetation	0.89	0.2	0.06	0.14	71.1	0.8	<0.05	1.5	0.99	2.9	0.04	11	0.1	4.5	<10	<2
1731963	Vegetation	0.92	<0.1	0.02	0.04	69.4	0.2	<0.05	0.4	0.36	1.1	<0.02	<1	<0.1	1.8	<10	<2
1731964 TECK ASH-1	Ash	1.04	<0.1	0.13	0.03	18.7	0.6	<0.05	6.0	9.26	28.0	0.04	<1	0.5	12.5	<10	8
1731965	Vegetation	1.00	0.2	0.03	0.15	94.8	0.4	<0.05	1.2	0.82	2.8	0.02	11	<0.1	3.7	<10	4
1731966	Vegetation	1.12	0.2	0.02	0.11	91.8	0.6	<0.05	1.0	0.83	2.7	0.03	8	<0.1	4.6	<10	2
1731967	Vegetation	1.48	<0.1	0.03	0.19	82.4	1.0	<0.05	1.4	1.26	4.6	0.05	5	0.1	6.2	<10	4
1731968	Vegetation	1.19	0.2	<0.02	0.09	79.8	0.4	<0.05	0.7	0.48	1.6	<0.02	<1	<0.1	4.7	<10	3
1731969	Vegetation	0.65	<0.1	<0.02	0.10	31.4	0.7	<0.05	1.0	0.75	2.4	<0.02	7	<0.1	4.1	<10	4
1731970	Vegetation	0.89	0.2	0.10	0.15	43.8	1.5	<0.05	2.0	1.42	4.4	0.06	7	0.1	6.5	<10	7
1731971	Vegetation	1.90	<0.1	0.05	0.10	40.7	0.5	<0.05	1.7	1.10	4.1	0.04	2	<0.1	7.3	<10	5
1731972	Vegetation	2.58	<0.1	0.05	0.16	48.4	1.1	<0.05	1.6	1.10	3.6	0.03	9	<0.1	4.1	<10	3
1731973	Vegetation	2.40	0.1	0.03	0.14	61.4	0.8	<0.05	1.4	0.96	3.4	0.02	7	<0.1	3.0	<10	<2
1731974	Vegetation	2.49	<0.1	0.04	0.09	64.5	0.9	<0.05	1.6	1.07	3.6	0.04	24	<0.1	4.0	<10	<2
1731975	Vegetation	0.78	0.2	0.03	0.10	27.9	0.5	<0.05	0.9	0.63	2.3	0.02	7	<0.1	3.4	<10	<2
1731976	Vegetation	1.80	0.2	0.07	0.22	64.4	1.6	<0.05	2.3	1.75	5.9	0.05	12	0.1	4.8	<10	2
1731977	Vegetation	1.15	0.3	0.08	0.15	48.0	1.4	<0.05	2.4	1.68	5.3	0.08	7	0.1	4.3	<10	4
1731978	Vegetation	1.02	0.1	0.06	0.11	34.1	0.8	<0.05	1.5	1.01	3.3	<0.02	2	<0.1	4.3	<10	<2
1731979	Vegetation	2.25	0.2	0.08	0.15	55.9	1.1	<0.05	2.0	1.38	5.2	0.04	<1	<0.1	10.4	<10	<2
1731980	Vegetation	2.36	0.2	0.08	0.20	52.2	0.7	<0.05	1.5	1.00	3.7	0.03	2	0.1	5.7	<10	<2
1731981	Vegetation	1.17	<0.1	0.02	0.12	25.0	0.5	<0.05	1.4	0.95	3.2	0.02	5	<0.1	3.7	<10	2
1731982	Vegetation	0.36	<0.1	0.05	0.12	19.2	0.7	<0.05	1.3	0.85	3.1	0.02	<1	<0.1	5.2	<10	4
1731983	Vegetation	1.20	0.4	0.08	0.16	37.1	0.9	<0.05	2.0	1.23	4.4	0.04	3	0.1	5.5	<10	<2
1731984	Vegetation	1.32	0.1	0.08	0.20	76.5	0.7	<0.05	1.7	0.98	3.3	0.03	3	<0.1	6.5	<10	2
1731985	Vegetation	0.88	0.2	0.09	0.15	28.6	1.2	<0.05	2.6	1.82	5.5	0.05	2	0.2	6.4	<10	4
1731986	Vegetation	0.68	0.2	0.05	0.11	29.6	0.9	<0.05	1.9	1.12	3.9	<0.02	3	<0.1	5.1	<10	2
1731987	Vegetation	0.72	0.2	0.07	0.18	19.4	1.6	<0.05	2.4	1.83	6.0	0.04	2	<0.1	4.6	<10	<2
1731988	Vegetation	0.54	0.1	0.07	0.19	16.4	1.0	<0.05	2.0	1.30	4.4	0.03	2	0.1	6.7	<10	5
1731989	Vegetation	0.32	0.2	0.04	0.10	16.3	0.8	<0.05	1.4	0.82	2.6	0.03	<1	<0.1	2.7	<10	<2

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731990	Vegetation	120.00		50.359	1.141	0.73	140.47	19.89	1770.5	432	11.8	2.7	4232	0.30	2.5	0.2	0.7	0.4	1105.0	1.05	1.42
1731991	Vegetation	190.00		50.861	1.532	0.63	75.83	28.05	1254.9	168	6.2	1.7	2589	0.22	3.1	0.1	0.8	0.3	810.7	0.88	0.90
1731992	Vegetation	190.00	<0.01	50.293	0.827	0.88	184.34	55.27	2236.2	872	25.5	5.6	>10000	0.23	3.4	0.2	0.7	0.3	618.8	10.96	0.97
OVEN STD-1	Vegetation			18.442	0.447	1.08	40.96	8.37	1842.2	916	12.8	1.3	>10000	0.16	2.4	2.2	0.2	1.0	598.0	0.27	0.40
1731993 TECK ASH-2	Ash					0.45	122.28	13.42	2680.5	530	12.0	4.4	>10000	0.12	1.0	<0.1	12.6	0.1	1266.3	5.27	0.26
1731994	Vegetation	130.00		50.435	1.197	0.41	97.68	17.12	1691.1	540	26.8	5.6	>10000	0.15	0.6	0.1	<0.2	0.2	469.8	12.54	0.49
1731995	Vegetation	140.00		50.872	0.871	1.22	145.26	41.99	2043.8	323	13.7	3.2	9026	0.30	6.2	0.3	<0.2	0.4	981.4	4.95	1.51

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731990	Vegetation	0.33	9	33.75	0.577	2.3	5.1	0.54	3020.1	0.008	239	0.24	0.151	0.83	0.2	1.8	<0.02	1.07	2.1	0.16	1.3
1731991	Vegetation	0.17	6	34.28	0.395	1.7	3.2	0.29	2376.7	0.006	172	0.17	0.101	0.54	0.1	1.4	<0.02	0.86	1.2	<0.02	0.8
1731992	Vegetation	0.63	6	33.96	0.847	2.2	5.4	0.95	1774.7	0.009	613	0.32	0.101	1.62	0.3	1.5	0.02	1.34	2.4	0.13	1.6
OVEN STD-1	Vegetation	0.15	2	27.16	3.524	1.8	5.6	2.68	1339.3	0.017	1333	0.18	0.698	9.83	0.5	3.9	0.03	1.61	0.6	<0.02	2.1
1731993 TECK ASH-2	Ash	<0.02	2	33.53	0.559	1.5	1.5	0.86	5298.8	0.005	294	0.28	0.035	2.82	<0.1	1.0	0.04	0.46	0.3	<0.02	1.3
1731994	Vegetation	0.12	4	37.60	0.441	1.3	2.9	0.54	3622.4	0.005	301	0.17	0.080	0.83	0.1	1.2	<0.02	0.54	0.6	0.03	1.3
1731995	Vegetation	0.48	9	36.87	0.668	2.5	7.1	0.70	537.4	0.010	669	0.28	0.158	1.01	0.2	2.0	<0.02	1.42	2.9	0.05	1.8

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

CERTIFICATE OF ANALYSIS TIM14000009.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
1731990	Vegetation	0.62	0.2	0.08	0.20	23.1	1.4	<0.05	2.0	1.23	4.4	0.04	3	0.2	8.8	<10	7
1731991	Vegetation	0.35	0.1	0.05	0.12	14.9	0.7	<0.05	1.5	0.96	3.3	0.02	<1	<0.1	4.8	<10	<2
1731992	Vegetation	1.17	0.3	0.02	0.15	66.8	1.2	<0.05	1.8	1.08	3.8	0.04	15	<0.1	3.9	<10	3
OVEN STD-1	Vegetation	1.65	0.2	0.07	0.12	171.5	4.3	<0.05	1.1	0.49	3.8	<0.02	10	0.1	4.7	<10	3
1731993 TECK ASH-2	Ash	0.63	0.3	<0.02	0.08	70.8	0.2	<0.05	0.6	0.62	1.5	<0.02	<1	<0.1	1.0	<10	4
1731994	Vegetation	0.47	<0.1	0.03	0.10	26.4	0.3	<0.05	1.9	0.71	2.4	<0.02	<1	<0.1	3.9	<10	4
1731995	Vegetation	0.42	0.4	0.11	0.24	28.4	1.4	<0.05	2.9	1.60	5.0	0.07	<1	<0.1	6.4	<10	<2

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

QUALITY CONTROL REPORT TIM14000009.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
1731939	Vegetation	120.00		50.119	0.955	1.20	151.94	67.35	1755.1	443	25.3	6.2	9636	0.37	2.9	0.2	2.2	0.6	852.5	11.87	1.41
REP 1731939	QC					1.30	144.51	64.20	1725.0	434	25.0	6.1	9578	0.37	1.5	0.3	2.8	0.6	813.4	11.19	1.42
1731975	Vegetation	130.00		50.932	1.990	0.49	62.22	18.00	1362.6	251	19.7	4.4	6278	0.15	1.9	<0.1	1.0	0.2	422.6	1.35	0.65
REP 1731975	QC					0.42	60.97	17.80	1370.4	256	19.0	4.5	6295	0.15	1.7	<0.1	<0.2	0.2	418.8	1.40	0.67
OVEN STD-1	Vegetation Pu			18.203	0.400	1.29	41.60	8.61	1728.1	923	11.5	1.2	>10000	0.17	3.2	2.2	<0.2	1.1	636.6	0.40	0.39
REP OVEN STD-1	QC					1.28	45.34	8.50	1877.6	997	12.8	1.4	>10000	0.18	3.4	2.3	<0.2	1.0	617.5	0.53	0.48
Reference Materials																					
STD ASH-1	Standard					0.80	72.35	8.79	159.1	36	126.6	17.3	1096	2.27	4.0	0.6	4.7	3.6	980.3	0.21	0.15
STD ASH-1	Standard					0.88	76.09	8.48	161.8	37	129.9	17.1	1133	2.19	4.1	0.6	7.7	3.6	947.9	0.24	0.17
STD ASH-1	Standard					0.89	72.60	9.41	163.8	38	137.5	19.6	1135	2.43	3.6	0.6	6.0	3.8	968.0	0.28	0.16
STD DS10	Standard					14.27	171.65	164.25	404.1	2244	82.1	13.4	961	2.71	52.0	2.6	52.3	7.3	67.1	2.80	10.02
STD DS10	Standard					12.49	149.81	154.55	363.8	1840	76.8	11.5	862	2.51	45.7	2.9	110.0	6.4	57.3	2.41	8.76
STD DS10	Standard					14.28	165.70	171.15	402.3	2150	83.4	13.2	922	2.79	49.8	2.6	70.6	7.5	66.5	2.90	10.07
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					<0.01	0.01	<0.01	<0.1	<2	<0.1	<0.1	2	<0.01	0.5	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	4	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
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
Prep Wash																					
RICE	Prep Blank			100.895	0.287	51.33	589.52	4.38	4751.0	850	64.2	1.5	1950	0.05	15.5	<0.1	<0.2	<0.1	37.4	2.41	0.45
RICE	Prep Blank			100.638	0.279	48.41	491.16	2.60	4955.7	814	63.2	1.5	1982	0.04	13.9	<0.1	<0.2	<0.1	35.4	2.61	0.24

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Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

QUALITY CONTROL REPORT TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
1731939	Vegetation	0.50	11	33.94	0.741	3.3	6.7	0.85	1771.1	0.011	330	0.35	0.104	1.87	0.2	2.1	<0.02	0.96	1.4	<0.02	1.7
REP 1731939	QC	0.49	11	33.44	0.713	3.2	6.2	0.84	1709.5	0.010	316	0.35	0.103	1.85	0.2	1.7	0.03	0.95	1.5	<0.02	1.6
1731975	Vegetation	0.16	4	35.85	0.353	1.1	2.9	0.42	3493.6	0.004	189	0.19	0.074	0.82	<0.1	0.8	<0.02	0.51	0.6	<0.02	0.7
REP 1731975	QC	0.16	4	36.13	0.346	1.2	2.4	0.42	3513.0	0.004	200	0.18	0.078	0.82	<0.1	0.9	<0.02	0.51	0.7	<0.02	0.7
OVEN STD-1	Vegetation Pu	0.13	3	29.75	3.489	1.8	5.6	2.62	1321.4	0.017	1190	0.19	0.582	9.20	0.4	4.8	0.03	1.23	0.6	<0.02	1.9
REP OVEN STD-1	QC	0.08	2	29.65	3.656	1.9	5.5	2.75	1337.2	0.019	1338	0.20	0.628	9.10	0.5	7.4	<0.02	1.37	0.4	<0.02	3.3
Reference Materials																					
STD ASH-1	Standard	0.09	51	18.02	0.244	13.2	152.9	1.92	98.7	0.020	328	2.73	0.558	1.22	<0.1	10.2	0.11	0.42	0.2	<0.02	5.9
STD ASH-1	Standard	0.14	49	18.31	0.243	13.1	151.1	1.95	98.5	0.018	320	2.71	0.579	1.25	<0.1	9.9	0.11	0.43	0.5	<0.02	5.7
STD ASH-1	Standard	0.12	54	16.64	0.234	13.9	164.8	1.88	104.0	0.020	369	2.83	0.618	1.27	<0.1	9.6	0.11	0.42	0.5	<0.02	6.6
STD DS10	Standard	13.17	41	1.05	0.081	17.5	57.9	0.76	465.9	0.075	<1	0.97	0.060	0.33	3.6	3.4	5.54	0.28	2.3	5.14	4.7
STD DS10	Standard	11.98	38	0.98	0.072	15.1	53.2	0.73	417.0	0.061	<1	0.87	0.054	0.30	3.5	2.6	5.06	0.27	2.3	5.09	4.6
STD DS10	Standard	13.63	41	1.07	0.084	18.0	58.5	0.82	462.2	0.073	6	0.99	0.066	0.34	4.3	3.2	5.50	0.29	2.6	6.19	5.3
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	<0.02	0.2
BLK	Blank	<0.02	<2	0.01	<0.001	<0.5	1.2	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	<0.02	0.2
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<0.1	0.04	0.1
Prep Wash																					
RICE	Prep Blank	0.03	<2	1.02	>5	<0.5	3.8	2.46	10.8	0.055	>2000	0.02	0.267	>10	0.1	0.9	0.04	<0.02	0.4	<0.02	1.1
RICE	Prep Blank	<0.02	<2	0.98	>5	<0.5	3.1	2.03	7.7	0.046	>2000	0.01	0.286	>10	<0.1	1.0	0.06	<0.02	0.4	<0.02	1.0

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: October 31, 2014

QUALITY CONTROL REPORT TIM14000009.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
1731939	Vegetation	2.59	0.2	0.05	0.19	87.5	1.4	<0.05	2.4	1.79	6.2	0.04	5	0.1	5.9	<10	2
REP 1731939	QC	2.42	0.2	0.07	0.19	82.7	1.3	<0.05	2.3	1.79	6.0	0.04	5	<0.1	5.7	<10	4
1731975	Vegetation	0.78	0.2	0.03	0.10	27.9	0.5	<0.05	0.9	0.63	2.3	0.02	7	<0.1	3.4	<10	<2
REP 1731975	QC	0.82	<0.1	0.04	0.11	28.2	0.5	<0.05	0.9	0.66	2.1	<0.02	2	<0.1	3.3	<10	4
OVEN STD-1	Vegetation Pu	0.95	0.2	<0.02	0.12	149.0	4.3	<0.05	1.5	0.47	4.1	<0.02	<1	0.1	3.8	<10	<2
REP OVEN STD-1	QC	0.98	0.4	0.08	0.18	156.4	4.9	<0.05	2.9	0.51	3.9	<0.02	<1	<0.1	4.3	<10	7
Reference Materials																	
STD ASH-1	Standard	0.99	0.1	0.23	0.03	18.7	0.8	<0.05	6.7	9.07	28.9	0.03	<1	0.6	12.4	<10	5
STD ASH-1	Standard	0.96	0.1	0.23	0.02	18.5	0.7	<0.05	6.6	9.77	28.1	<0.02	2	0.5	12.0	<10	<2
STD ASH-1	Standard	1.03	<0.1	0.25	0.02	19.1	0.7	<0.05	7.0	9.71	28.8	0.03	<1	0.5	12.9	<10	3
STD DS10	Standard	3.03	0.1	0.04	1.73	31.2	1.7	<0.05	1.9	7.85	37.4	0.27	51	0.7	22.0	121	223
STD DS10	Standard	2.75	<0.1	0.04	1.58	28.7	1.3	<0.05	1.8	6.82	34.0	0.23	35	0.7	19.3	143	203
STD DS10	Standard	3.08	<0.1	0.03	1.94	31.3	1.6	<0.05	1.9	8.29	38.6	0.26	71	0.7	22.5	155	215
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	3
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	3
BLK	Blank	<0.02	<0.1	<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
Prep Wash																	
RICE	Prep Blank	1.29	0.5	<0.02	0.02	578.8	0.1	<0.05	0.8	0.03	<0.1	<0.02	<1	<0.1	1.2	<10	<2
RICE	Prep Blank	1.24	0.5	<0.02	<0.02	579.3	<0.1	<0.05	0.1	0.01	<0.1	<0.02	<1	<0.1	1.5	<10	<2

Bureau Veritas Commodities Canada Ltd.
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 06, 2014
Report Date: November 07, 2014
Page: 1 of 7

CERTIFICATE OF ANALYSIS TIM14000010.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00013
Shipment ID: ROL_2014_017
P.O. Number
Number of Samples: 152

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	145	Plant Maceration to 1mm			VAN
VA475	145	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	152	Analysis sample split/packet			VAN
VG104-EXT	152	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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 V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731751	Vegetation	160.00		50.348	1.668	0.60	84.61	26.18	1936.0	439	21.1	8.5	>10000	0.14	2.0	<0.1	<0.2	0.2	851.2	12.27	0.36
1731752	Vegetation	140.00		50.414	1.304	1.18	136.96	42.47	1637.5	598	21.1	11.3	>10000	0.29	3.3	0.3	<0.2	0.4	600.3	14.87	1.50
1731753	Vegetation	140.00		50.195	2.700	0.43	53.41	28.22	988.0	143	10.2	3.2	7269	0.12	0.5	<0.1	<0.2	0.2	939.2	4.17	0.39
OVEN STD-1	Vegetation			18.535	0.507	1.51	35.03	9.72	1146.9	756	10.4	0.9	>10000	0.14	3.1	1.8	<0.2	0.8	487.1	1.63	0.33
1731754	Vegetation	190.00		50.799	2.510	0.28	90.93	9.75	1724.2	203	2.4	1.6	1824	0.08	0.8	<0.1	<0.2	<0.1	955.6	1.11	0.22
1731755	Vegetation	160.00		50.853	2.081	0.71	129.83	40.01	2433.6	372	6.4	1.6	3499	0.15	0.8	<0.1	0.7	0.2	835.9	2.48	0.71
1731756	Vegetation	190.00		50.649	2.120	0.68	81.31	19.09	1234.7	300	7.7	3.1	5692	0.13	1.8	<0.1	<0.2	0.1	608.7	5.13	0.40
1731757	Vegetation	160.00		50.291	1.853	0.60	102.75	25.38	2836.1	449	8.3	3.4	6178	0.13	3.0	<0.1	<0.2	0.1	773.2	5.21	0.52
1731758	Vegetation	150.00		50.453	2.142	0.44	104.49	30.98	1729.1	713	8.5	4.0	4368	0.12	0.6	<0.1	<0.2	0.1	1018.6	5.45	0.42
1731759	Vegetation	140.00		50.764	2.264	0.62	90.08	43.42	1795.0	295	18.3	6.5	>10000	0.11	0.4	<0.1	<0.2	0.2	885.7	9.43	0.39
1731760	Vegetation	170.00		50.316	2.224	0.62	87.35	56.82	2449.1	214	29.2	4.0	>10000	0.17	1.0	<0.1	<0.2	0.2	790.4	4.08	0.64
1731761	Vegetation	180.00		50.669	1.188	0.80	104.31	37.88	1352.3	611	26.2	5.6	>10000	0.23	3.2	<0.1	0.4	0.2	595.1	15.08	0.58
1731762	Vegetation	170.00		50.675	2.577	0.40	73.48	35.03	1870.8	455	10.0	2.4	6963	0.09	<0.1	<0.1	<0.2	<0.1	1150.8	3.33	0.29
1731763	Vegetation	160.00		50.729	2.974	0.27	63.86	20.42	1079.6	226	4.3	2.4	4123	0.08	0.9	<0.1	<0.2	<0.1	1018.1	3.38	0.22
1731764 TECK ASH-1	Ash					0.72	69.15	8.22	157.2	38	128.6	16.7	1128	2.36	3.9	0.6	5.7	3.6	863.2	0.25	0.11
1731765	Vegetation	180.00		50.717	1.671	0.47	78.23	22.90	990.5	292	13.0	5.5	5711	0.13	3.3	<0.1	<0.2	0.2	1377.0	7.22	0.52
1731766	Vegetation	140.00		50.458	2.856	0.31	60.48	18.40	1137.2	214	12.4	3.1	8701	0.08	0.4	<0.1	<0.2	<0.1	814.9	2.31	0.20
1731767	Vegetation	170.00		50.315	1.697	0.52	78.58	22.76	897.7	405	35.6	11.9	>10000	0.16	1.9	<0.1	<0.2	0.1	779.0	8.47	0.37
1731768	Vegetation	130.00		50.707	2.171	0.31	60.54	25.46	1005.3	363	7.0	4.1	6284	0.09	1.0	<0.1	0.4	<0.1	975.1	5.27	0.28
1731769	Vegetation	220.00		50.907	1.719	0.36	107.76	23.41	1146.1	202	4.7	3.0	6730	0.09	1.5	<0.1	<0.2	<0.1	963.3	5.82	0.22
1731770	Vegetation	160.00		50.268	1.729	0.58	92.48	30.24	1201.4	683	11.9	5.0	>10000	0.13	1.4	<0.1	<0.2	0.2	576.0	9.05	0.47
1731771	Vegetation	160.00		50.017	1.765	0.41	60.86	14.53	1290.8	348	25.9	4.2	>10000	0.10	1.6	<0.1	<0.2	<0.1	273.1	3.45	0.24
1731772	Vegetation	90.00		50.339	1.661	0.63	100.53	39.81	1469.2	888	23.2	19.1	>10000	0.23	0.8	0.1	<0.2	0.4	967.2	11.75	0.82
1731773	Vegetation	150.00		50.761	1.828	0.47	71.30	31.42	861.1	329	16.2	4.6	6085	0.15	2.2	<0.1	<0.2	0.1	594.0	4.15	0.50
1731774	Vegetation	150.00		50.639	1.365	0.65	99.10	35.62	1022.7	462	20.7	6.1	6869	0.23	2.1	<0.1	<0.2	0.2	607.3	9.72	0.74
1731775	Vegetation	150.00		50.683	1.557	0.84	94.50	59.49	1167.2	478	19.5	4.5	7643	0.28	2.1	0.1	<0.2	0.3	632.3	8.89	0.88
1731776	Vegetation	150.00		50.898	1.963	0.30	71.75	15.48	961.8	439	9.8	3.2	3488	0.10	0.7	<0.1	<0.2	0.1	669.6	1.76	0.26
1731777	Vegetation	140.00		50.254	1.530	0.78	70.86	55.16	1156.2	238	17.1	6.6	>10000	0.25	0.7	0.1	<0.2	0.3	306.0	12.49	0.84
1731778	Vegetation	130.00		50.795	1.275	0.53	80.31	12.99	1221.8	293	24.6	3.2	6933	0.20	1.0	<0.1	<0.2	0.3	217.8	3.49	0.47
1731779	Vegetation	170.00		50.195	1.124	0.59	103.52	27.52	1339.2	726	24.3	6.5	>10000	0.21	0.5	0.1	<0.2	0.3	260.9	4.56	0.51

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731751	Vegetation	0.17	3	32.36	0.444	1.3	1.9	0.72	2701.3	0.003	246	0.22	0.066	1.55	0.1	0.5	0.03	0.67	0.8	<0.02	0.6
1731752	Vegetation	0.49	8	31.29	0.682	2.6	4.7	0.83	429.6	0.006	309	0.29	0.115	1.47	0.2	1.4	<0.02	1.16	2.3	0.07	1.4
1731753	Vegetation	0.10	3	33.24	0.341	1.0	1.5	0.47	2965.3	0.003	142	0.18	0.084	1.74	0.1	0.5	0.02	0.56	0.8	<0.02	0.4
OVEN STD-1	Vegetation	0.12	<2	22.59	2.715	1.3	4.1	2.31	1164.5	0.004	493	0.14	0.346	9.31	0.4	1.2	<0.02	1.32	0.5	<0.02	0.6
1731754	Vegetation	0.05	<2	34.67	0.243	<0.5	1.0	0.49	1600.1	0.002	160	0.07	0.064	1.12	<0.1	0.3	<0.02	0.74	0.8	0.04	0.2
1731755	Vegetation	0.15	4	31.28	0.465	1.2	1.9	0.71	1709.0	0.004	210	0.14	0.100	3.32	<0.1	0.6	<0.02	0.70	1.1	0.04	0.6
1731756	Vegetation	0.15	3	33.93	0.340	0.8	1.5	0.38	597.7	0.002	131	0.11	0.061	1.62	0.1	0.4	<0.02	1.09	0.8	0.02	0.5
1731757	Vegetation	0.18	4	33.42	0.421	1.2	1.8	0.61	489.6	0.003	224	0.15	0.091	2.17	<0.1	0.5	<0.02	1.38	1.4	0.03	0.5
1731758	Vegetation	0.11	2	33.29	0.510	0.9	1.1	0.53	4519.2	0.003	190	0.11	0.094	2.44	<0.1	0.4	<0.02	0.58	1.0	0.04	0.4
1731759	Vegetation	0.12	3	33.57	0.458	1.2	2.1	0.73	3938.5	0.003	201	0.21	0.069	1.86	<0.1	0.5	0.15	0.56	1.1	0.02	0.5
1731760	Vegetation	0.18	5	32.72	0.470	1.6	2.2	0.81	3876.5	0.004	192	0.37	0.074	2.31	0.1	0.6	0.02	0.64	1.0	0.03	0.6
1731761	Vegetation	0.24	5	32.47	0.465	1.7	2.6	0.52	710.2	0.004	204	0.22	0.069	1.21	0.1	0.6	0.06	0.87	0.7	0.04	0.8
1731762	Vegetation	0.09	2	32.07	0.417	0.8	1.0	0.61	4410.5	0.003	194	0.15	0.074	3.09	<0.1	0.4	<0.02	0.57	0.5	0.05	0.4
1731763	Vegetation	0.05	<2	33.96	0.313	0.6	0.9	0.46	2838.3	0.002	135	0.08	0.042	1.79	<0.1	0.3	0.03	0.47	0.7	<0.02	0.3
1731764 TECK ASH-1	Ash	0.08	51	16.32	0.246	12.8	156.5	1.95	93.9	0.019	329	2.90	0.612	1.28	<0.1	9.7	0.13	0.42	0.5	<0.02	6.0
1731765	Vegetation	0.12	3	33.82	0.373	0.9	2.2	0.55	906.5	0.003	188	0.10	0.047	1.35	0.1	0.4	0.03	0.79	0.8	<0.02	0.4
1731766	Vegetation	0.05	<2	32.91	0.289	0.7	1.1	0.54	4109.4	0.002	151	0.15	0.041	2.24	<0.1	0.3	0.06	0.41	0.6	<0.02	0.3
1731767	Vegetation	0.17	3	33.32	0.334	1.2	2.0	0.50	777.3	0.003	170	0.13	0.041	1.02	<0.1	0.4	0.08	0.95	0.6	0.02	0.5
1731768	Vegetation	0.09	3	33.18	0.387	0.8	1.0	0.47	2981.4	0.002	177	0.13	0.057	2.79	<0.1	0.4	<0.02	0.53	0.8	<0.02	0.3
1731769	Vegetation	0.06	<2	32.70	0.404	0.7	0.7	0.53	3153.8	0.002	184	0.14	0.064	3.45	<0.1	0.3	0.05	0.49	0.7	<0.02	0.3
1731770	Vegetation	0.10	3	32.14	0.499	1.1	1.6	0.59	4032.4	0.003	191	0.16	0.077	2.40	<0.1	0.5	0.17	0.69	0.8	<0.02	0.5
1731771	Vegetation	0.08	<2	34.65	0.299	0.7	1.6	0.59	3012.3	0.002	169	0.18	0.024	0.72	<0.1	0.3	0.27	0.59	0.6	<0.02	0.4
1731772	Vegetation	0.26	5	31.80	0.490	2.2	4.2	0.74	4973.8	0.006	218	0.30	0.061	0.96	0.2	1.0	0.16	0.46	0.9	<0.02	1.0
1731773	Vegetation	0.17	4	34.11	0.316	1.1	1.8	0.47	3437.6	0.003	140	0.15	0.026	0.76	<0.1	0.4	0.10	0.69	0.8	<0.02	0.5
1731774	Vegetation	0.27	6	32.62	0.495	1.6	2.8	0.62	742.1	0.004	149	0.23	0.045	1.23	0.1	0.5	0.30	1.31	1.4	0.07	0.7
1731775	Vegetation	0.37	7	32.99	0.477	2.0	3.5	0.51	715.3	0.004	157	0.24	0.032	1.14	0.2	0.6	0.15	1.12	1.1	0.05	0.9
1731776	Vegetation	0.07	<2	34.56	0.259	0.8	1.4	0.47	2748.5	0.002	164	0.11	0.017	0.66	<0.1	0.4	0.18	0.33	0.7	<0.02	0.3
1731777	Vegetation	0.23	6	33.49	0.404	2.1	2.7	0.44	4152.5	0.005	118	0.25	0.035	0.87	0.1	0.6	0.12	0.53	1.0	0.03	0.8
1731778	Vegetation	0.11	3	33.89	0.373	1.4	2.9	0.56	1476.1	0.004	180	0.19	0.043	0.78	<0.1	0.5	0.16	0.42	0.7	<0.02	0.6
1731779	Vegetation	0.16	5	32.60	0.578	1.5	4.2	0.91	3210.6	0.007	278	0.21	0.088	2.08	0.1	1.0	<0.02	0.53	1.0	<0.02	0.6

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731751	Vegetation	1.73	0.1	0.04	0.10	68.3	0.5	<0.05	1.1	0.69	2.4	<0.02	5	<0.1	4.8	<10	<2
1731752	Vegetation	2.60	0.2	0.07	0.21	88.1	1.2	<0.05	2.6	1.56	5.0	0.03	15	0.2	11.1	<10	2
1731753	Vegetation	1.99	0.1	0.03	0.09	71.2	0.4	<0.05	0.9	0.60	2.0	<0.02	<1	<0.1	3.5	<10	<2
OVEN STD-1	Vegetation	2.12	0.1	0.03	0.06	169.1	3.3	<0.05	1.2	0.40	3.0	<0.02	3	<0.1	3.1	<10	<2
1731754	Vegetation	0.81	<0.1	0.02	0.05	41.6	0.2	<0.05	0.7	0.31	1.2	<0.02	<1	<0.1	5.5	<10	3
1731755	Vegetation	2.42	0.2	0.04	0.11	133.2	0.6	<0.05	1.2	0.72	2.5	<0.02	<1	<0.1	8.5	<10	<2
1731756	Vegetation	1.69	0.1	0.02	0.07	64.7	0.5	<0.05	0.9	0.56	1.9	<0.02	3	<0.1	6.7	<10	<2
1731757	Vegetation	1.27	0.1	0.03	0.08	89.7	0.5	<0.05	1.1	0.72	2.5	0.02	5	0.1	7.4	<10	3
1731758	Vegetation	0.77	0.1	0.04	0.09	91.4	0.5	<0.05	1.0	0.62	2.2	0.02	5	<0.1	9.3	<10	2
1731759	Vegetation	1.74	<0.1	0.03	0.06	71.7	0.4	<0.05	0.9	0.70	2.3	<0.02	4	<0.1	4.8	<10	<2
1731760	Vegetation	1.71	0.2	0.05	0.11	82.2	0.6	<0.05	1.4	0.92	3.4	0.02	1	<0.1	5.7	<10	<2
1731761	Vegetation	0.89	<0.1	0.04	0.08	45.7	0.6	<0.05	1.4	0.98	3.5	0.02	2	<0.1	5.2	<10	4
1731762	Vegetation	1.34	0.2	0.02	0.07	140.7	0.3	<0.05	0.8	0.47	1.6	<0.02	2	<0.1	5.2	<10	2
1731763	Vegetation	1.34	<0.1	<0.02	0.05	83.3	0.2	<0.05	0.5	0.35	1.1	<0.02	4	<0.1	3.1	<10	<2
1731764 TECK ASH-1	Ash	1.05	<0.1	0.25	0.02	19.4	0.7	<0.05	7.3	9.48	28.8	0.02	<1	0.6	13.0	<10	<2
1731765	Vegetation	0.86	0.1	0.04	0.07	55.6	0.4	<0.05	1.0	0.64	1.9	<0.02	3	<0.1	2.8	<10	<2
1731766	Vegetation	1.43	0.1	0.02	0.04	86.0	0.2	<0.05	0.5	0.40	1.3	<0.02	5	<0.1	1.7	<10	<2
1731767	Vegetation	0.75	<0.1	0.05	0.07	36.9	0.4	<0.05	1.0	0.66	2.2	<0.02	2	<0.1	2.6	<10	<2
1731768	Vegetation	1.02	0.1	0.02	0.06	85.1	0.2	<0.05	0.6	0.44	1.3	<0.02	<1	<0.1	3.3	<10	3
1731769	Vegetation	1.39	<0.1	0.02	0.04	108.3	0.3	<0.05	0.5	0.39	1.3	<0.02	1	<0.1	2.1	<10	<2
1731770	Vegetation	3.13	<0.1	0.05	0.07	106.0	0.5	<0.05	0.9	0.66	2.3	<0.02	4	<0.1	2.2	<10	<2
1731771	Vegetation	1.60	<0.1	0.04	0.05	27.3	0.3	<0.05	0.7	0.43	1.5	<0.02	3	<0.1	1.0	<10	2
1731772	Vegetation	1.53	<0.1	0.07	0.14	43.0	0.8	<0.05	1.9	1.10	4.3	0.03	2	0.1	9.8	<10	<2
1731773	Vegetation	1.17	0.1	0.04	0.08	35.3	0.4	<0.05	0.9	0.72	2.2	<0.02	2	<0.1	1.4	<10	<2
1731774	Vegetation	1.35	0.1	0.04	0.12	46.1	0.8	<0.05	1.5	0.88	3.2	0.04	8	0.1	1.5	<10	2
1731775	Vegetation	1.00	<0.1	0.06	0.12	39.0	0.9	<0.05	1.7	1.22	4.1	0.04	8	0.1	1.4	<10	2
1731776	Vegetation	1.21	<0.1	0.04	0.04	25.5	0.3	<0.05	0.7	0.45	1.6	<0.02	2	<0.1	0.7	<10	<2
1731777	Vegetation	1.71	0.2	0.05	0.11	35.4	0.8	<0.05	1.5	1.17	4.1	<0.02	<1	<0.1	1.7	<10	<2
1731778	Vegetation	1.01	<0.1	0.03	0.09	24.8	0.4	<0.05	1.3	0.81	2.9	<0.02	3	<0.1	1.5	<10	2
1731779	Vegetation	0.84	0.1	0.06	0.16	57.7	0.5	<0.05	1.4	0.88	2.9	<0.02	<1	<0.1	1.8	<10	<2

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731780	Vegetation	150.00		50.001	0.997	0.71	101.36	13.79	1889.6	584	23.7	8.4	>10000	0.16	1.7	<0.1	<0.2	0.3	405.1	7.71	0.49
1731781	Vegetation	150.00		50.878	1.050	0.65	107.78	17.92	1076.8	566	25.4	7.0	>10000	0.23	1.2	<0.1	<0.2	0.3	322.3	7.05	0.52
1731782	Vegetation	200.00		50.807	1.740	0.61	140.23	24.45	2535.8	151	3.7	1.8	3056	0.18	2.0	<0.1	<0.2	0.2	1667.7	1.99	0.51
1731783	Vegetation	150.00		50.452	1.639	0.66	82.36	22.43	2489.5	351	9.8	3.8	7460	0.21	0.8	0.1	0.3	0.3	793.0	8.18	0.69
1731784	Vegetation	150.00		50.463	1.382	0.57	83.51	21.60	1860.7	342	15.5	7.6	7334	0.18	0.8	0.1	3.6	0.3	721.8	3.10	0.54
1731785	Vegetation	170.00		50.563	1.642	0.31	54.32	11.68	1281.2	239	23.7	6.4	>10000	0.13	0.7	<0.1	1.6	0.2	857.6	2.20	0.34
1731786	Vegetation	190.00		50.367	1.717	0.49	48.95	13.34	981.0	77	4.7	1.5	4463	0.15	0.6	0.1	0.2	0.2	959.6	1.22	0.58
1731787	Vegetation	160.00		50.419	1.179	0.57	111.49	12.24	1679.9	419	4.7	1.8	4436	0.16	0.5	0.1	0.9	0.3	1847.7	2.04	0.73
1731788	Vegetation	190.00		50.924	2.644	0.22	82.07	12.65	1214.5	115	2.5	1.3	1343	0.07	0.3	<0.1	0.6	<0.1	891.9	0.47	0.21
1731789	Vegetation	160.00		50.827	1.285	0.64	114.84	23.91	1851.0	284	15.6	7.9	>10000	0.18	3.0	0.1	0.9	0.2	764.6	4.16	0.80
1731790	Vegetation	170.00		50.568	1.895	0.34	65.06	9.98	1390.5	113	2.4	1.2	1668	0.10	0.8	<0.1	0.3	0.1	1018.8	0.67	0.33
1731791	Vegetation	180.00		50.315	1.569	0.50	88.63	14.05	837.2	286	9.4	5.5	5250	0.33	3.1	<0.1	<0.2	0.2	565.6	1.76	0.43
1731792	Vegetation	130.00		50.808	1.301	0.86	124.48	30.89	1772.2	577	14.5	6.9	8683	0.26	0.9	0.2	<0.2	0.3	682.9	4.45	1.06
1731793 TECK ASH-2	Ash					0.63	121.25	12.50	2698.0	507	12.2	4.1	>10000	0.12	0.8	<0.1	3.1	0.1	1239.5	5.04	0.28
1731794	Vegetation	170.00		50.711	1.432	0.63	75.92	24.39	826.6	616	10.2	8.4	8375	0.27	4.9	0.2	0.3	0.3	927.5	2.60	0.69
1731795	Vegetation	140.00		50.496	1.248	0.55	132.92	17.38	1059.7	862	9.0	4.5	6327	0.20	0.6	0.1	<0.2	0.3	827.7	3.45	0.82
1731796	Vegetation	160.00		50.207	1.681	0.37	68.61	12.82	709.9	443	8.2	4.8	7219	0.15	1.9	<0.1	1.2	0.2	660.8	1.78	0.45
1731797	Vegetation	150.00		50.699	1.368	0.37	126.40	11.38	990.1	834	7.0	5.0	9923	0.13	1.1	<0.1	<0.2	0.2	614.6	2.17	0.48
1731798	Vegetation	170.00		50.858	1.252	0.57	107.96	16.54	1364.5	521	15.0	8.2	8541	0.22	2.3	0.1	0.3	0.3	486.6	2.31	0.82
1731799	Vegetation	240.00		50.985	2.427	0.25	103.00	10.70	1936.8	258	3.5	1.4	1590	0.07	2.7	<0.1	<0.2	<0.1	1065.0	0.58	0.23
1731800	Vegetation	180.00		50.892	2.471	0.27	69.64	15.06	1143.7	99	2.7	2.3	2337	0.11	0.8	<0.1	0.6	0.1	832.3	0.39	0.31
1731801	Vegetation	70.00		50.183	0.412	2.10	223.46	29.08	1042.4	1430	45.6	9.4	>10000	0.66	1.7	0.4	2.1	0.9	746.9	5.33	1.88
1731802 TECK ASH-1	Ash					0.76	71.54	8.65	159.2	44	130.9	16.3	1092	2.47	3.1	0.6	4.5	3.8	949.3	0.23	0.12
1731803	Vegetation	200.00		50.507	1.331	0.50	113.43	16.79	1189.9	336	14.3	7.2	>10000	0.15	1.6	<0.1	<0.2	0.2	793.3	1.54	0.45
1731804	Vegetation	170.00		50.478	2.437	0.50	82.44	26.65	1027.0	233	9.6	1.9	3064	0.14	1.5	<0.1	<0.2	0.1	607.9	0.49	0.44
1731805	Vegetation	170.00		50.514	1.216	0.92	103.12	29.71	1097.2	189	21.9	8.6	>10000	0.31	2.9	0.2	0.9	0.4	674.5	2.40	1.34
1731806	Vegetation	120.00		50.908	1.540	0.55	50.76	15.60	913.6	182	16.2	4.1	7629	0.19	0.9	0.1	0.4	0.2	577.9	0.78	0.61
1731807	Vegetation	130.00		50.265	1.054	1.34	119.56	47.45	1531.7	607	30.1	5.0	>10000	0.43	7.7	0.3	1.6	0.6	752.7	1.71	1.69
1731808	Vegetation	130.00		50.932	1.415	0.65	75.47	26.64	1149.3	348	20.3	7.6	>10000	0.27	1.3	0.2	0.4	0.3	676.4	1.55	0.84
1731809	Vegetation	150.00		50.357	1.037	0.80	105.28	29.37	2444.6	959	32.9	8.8	>10000	0.28	2.8	0.2	1.9	0.4	1141.8	2.08	1.01

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731780	Vegetation	0.11	3	33.66	0.556	1.4	3.3	0.69	5541.2	0.005	299	0.22	0.045	0.92	0.1	0.7	<0.02	0.55	1.0	<0.02	0.6
1731781	Vegetation	0.16	4	31.38	0.532	1.7	3.9	0.56	4287.8	0.005	212	0.29	0.058	0.99	0.2	0.8	<0.02	0.57	1.0	0.02	0.7
1731782	Vegetation	0.16	4	33.99	0.501	1.4	3.4	0.65	2141.8	0.005	187	0.17	0.067	1.87	0.1	0.8	<0.02	0.91	0.9	<0.02	0.6
1731783	Vegetation	0.23	5	33.68	0.361	1.9	3.9	0.55	3594.9	0.005	200	0.19	0.050	0.60	0.1	0.8	<0.02	0.63	1.4	<0.02	0.8
1731784	Vegetation	0.20	4	34.57	0.378	1.6	3.9	0.75	3625.3	0.004	292	0.23	0.050	0.76	0.1	0.9	<0.02	0.65	1.2	<0.02	0.7
1731785	Vegetation	0.10	3	35.29	0.266	1.0	1.8	0.51	6319.2	0.003	137	0.13	0.032	0.57	<0.1	0.5	<0.02	0.54	0.9	<0.02	0.6
1731786	Vegetation	0.14	5	36.29	0.236	1.1	2.3	0.42	2905.9	0.003	155	0.10	0.034	0.58	0.1	0.6	<0.02	0.39	0.9	<0.02	0.5
1731787	Vegetation	0.16	4	35.87	0.418	1.5	4.2	0.76	3849.1	0.005	303	0.15	0.052	0.72	0.1	0.8	<0.02	0.48	1.4	<0.02	0.6
1731788	Vegetation	0.05	2	36.21	0.232	0.5	0.8	0.39	1988.9	0.002	178	0.06	0.069	1.94	<0.1	0.5	<0.02	0.40	0.7	<0.02	0.3
1731789	Vegetation	0.20	4	34.68	0.583	1.5	2.9	0.60	591.1	0.004	304	0.18	0.076	1.15	0.1	0.7	<0.02	1.30	1.3	<0.02	0.9
1731790	Vegetation	0.08	<2	36.51	0.300	0.8	1.5	0.44	1870.2	0.003	193	0.08	0.070	1.25	<0.1	0.6	<0.02	0.48	1.0	0.04	0.3
1731791	Vegetation	0.14	4	35.40	0.373	1.0	2.3	0.50	2360.9	0.003	212	0.13	0.058	1.34	<0.1	0.5	<0.02	1.34	0.9	<0.02	0.6
1731792	Vegetation	0.35	7	34.27	0.667	2.3	3.6	0.62	2986.8	0.006	384	0.23	0.085	1.33	0.2	1.0	<0.02	0.82	1.6	0.04	1.1
1731793 TECK ASH-2	Ash	0.03	<2	31.80	0.541	1.3	1.1	0.87	5169.7	0.003	281	0.28	0.032	2.76	<0.1	0.6	0.04	0.46	0.6	<0.02	0.4
1731794	Vegetation	0.25	7	33.83	0.407	1.9	3.3	0.44	237.4	0.005	215	0.18	0.099	1.38	0.1	0.8	<0.02	1.59	1.6	<0.02	0.9
1731795	Vegetation	0.14	6	35.89	0.524	1.5	2.9	0.51	774.3	0.004	277	0.17	0.102	0.74	0.2	0.8	<0.02	1.09	1.8	0.08	0.7
1731796	Vegetation	0.10	4	34.67	0.340	1.1	2.1	0.38	498.4	0.003	229	0.13	0.084	0.94	<0.1	0.6	<0.02	1.18	1.1	<0.02	0.5
1731797	Vegetation	0.11	4	35.30	0.419	0.9	2.2	0.51	646.1	0.003	277	0.10	0.098	1.37	0.1	0.6	<0.02	1.05	1.2	0.03	0.6
1731798	Vegetation	0.20	6	33.89	0.468	1.6	3.0	0.51	2758.6	0.005	212	0.20	0.092	1.21	0.1	0.8	<0.02	1.11	1.5	0.03	0.7
1731799	Vegetation	0.05	<2	35.28	0.250	0.6	1.3	0.44	2010.0	0.002	262	0.06	0.072	1.26	0.1	0.4	<0.02	1.10	0.9	<0.02	0.3
1731800	Vegetation	<0.02	2	35.93	0.244	0.8	1.7	0.37	1958.3	0.003	161	0.09	0.124	1.66	<0.1	0.7	<0.02	0.57	0.9	<0.02	0.4
1731801	Vegetation	0.50	17	28.73	2.008	5.0	12.7	1.27	140.0	0.016	573	0.61	0.315	3.03	0.4	2.4	0.04	2.18	3.1	0.03	2.3
1731802 TECK ASH-1	Ash	0.12	56	16.63	0.234	12.8	168.9	1.91	100.4	0.019	325	2.90	0.606	1.27	<0.1	9.7	0.13	0.42	0.6	0.03	6.3
1731803	Vegetation	0.10	4	33.72	0.478	1.3	2.4	0.68	3010.2	0.005	277	0.20	0.146	2.14	<0.1	0.9	<0.02	0.82	0.9	0.03	0.7
1731804	Vegetation	0.09	4	34.50	0.346	1.3	2.1	0.50	2137.4	0.004	218	0.23	0.126	2.64	0.1	0.8	<0.02	0.70	0.9	<0.02	0.5
1731805	Vegetation	0.24	10	34.12	0.497	2.1	4.6	0.58	379.8	0.006	309	0.26	0.107	1.19	0.3	1.2	<0.02	1.24	2.1	0.05	1.0
1731806	Vegetation	0.16	5	35.51	0.310	1.4	2.9	0.52	848.4	0.004	265	0.20	0.093	0.76	0.1	0.9	<0.02	0.93	1.2	<0.02	0.6
1731807	Vegetation	0.41	12	32.91	0.577	3.1	6.8	0.67	121.5	0.010	282	0.41	0.156	1.52	0.3	1.9	<0.02	3.08	2.8	0.09	1.6
1731808	Vegetation	0.25	7	33.36	0.462	1.8	3.6	0.59	420.3	0.005	272	0.28	0.110	1.32	0.2	1.1	<0.02	1.36	1.6	<0.02	0.9
1731809	Vegetation	0.26	7	32.55	0.694	2.5	4.5	0.98	575.8	0.007	441	0.39	0.126	1.62	0.2	1.2	<0.02	1.52	2.0	0.03	1.3

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731780	Vegetation	0.69	0.2	0.06	0.14	35.0	0.4	<0.05	1.4	0.82	2.9	<0.02	1	<0.1	1.7	<10	5
1731781	Vegetation	0.47	0.1	0.05	0.12	21.9	0.5	<0.05	1.3	1.01	3.4	<0.02	2	<0.1	1.6	<10	2
1731782	Vegetation	0.64	0.1	0.03	0.11	55.5	0.6	<0.05	1.5	0.82	3.0	<0.02	2	<0.1	1.4	<10	2
1731783	Vegetation	0.45	0.1	0.07	0.13	24.9	0.7	<0.05	1.5	1.09	4.0	<0.02	1	<0.1	1.8	<10	<2
1731784	Vegetation	0.60	<0.1	0.04	0.14	27.8	0.6	<0.05	1.3	0.96	3.0	0.04	6	<0.1	1.2	<10	<2
1731785	Vegetation	0.40	<0.1	0.04	0.07	15.9	0.3	<0.05	0.9	0.61	1.9	<0.02	<1	<0.1	0.9	<10	3
1731786	Vegetation	0.25	0.1	0.03	0.10	14.9	0.4	<0.05	1.1	0.62	2.2	<0.02	<1	<0.1	1.0	<10	<2
1731787	Vegetation	0.44	<0.1	0.04	0.19	25.1	0.5	<0.05	1.4	0.81	2.9	<0.02	3	<0.1	1.4	<10	<2
1731788	Vegetation	0.43	<0.1	<0.02	0.05	50.8	0.2	<0.05	0.6	0.34	1.0	<0.02	<1	<0.1	0.9	<10	<2
1731789	Vegetation	0.61	0.2	0.05	0.14	42.8	0.7	<0.05	1.5	0.97	3.3	0.04	8	<0.1	2.2	<10	5
1731790	Vegetation	0.32	<0.1	0.05	0.11	31.7	0.3	<0.05	1.0	0.44	1.5	<0.02	<1	<0.1	1.5	<10	<2
1731791	Vegetation	0.84	<0.1	0.05	0.09	54.6	0.5	<0.05	1.1	0.64	2.1	<0.02	11	<0.1	1.3	<10	2
1731792	Vegetation	1.38	0.3	0.08	0.17	58.8	1.0	<0.05	2.0	1.41	4.4	0.05	8	<0.1	2.8	<10	2
1731793 TECK ASH-2	Ash	0.62	<0.1	0.03	0.06	69.8	0.1	<0.05	0.6	0.62	1.3	<0.02	<1	<0.1	0.8	<10	<2
1731794	Vegetation	0.68	0.2	0.05	0.12	54.7	0.9	<0.05	1.6	1.12	3.7	0.03	9	<0.1	2.3	<10	<2
1731795	Vegetation	0.43	0.1	0.04	0.14	24.0	0.7	<0.05	1.5	0.89	2.8	<0.02	3	<0.1	3.2	<10	3
1731796	Vegetation	0.44	<0.1	0.03	0.10	33.6	0.5	<0.05	1.0	0.58	2.0	<0.02	4	<0.1	1.4	<10	<2
1731797	Vegetation	0.70	0.1	0.04	0.12	54.8	0.4	<0.05	0.9	0.53	1.8	<0.02	6	<0.1	2.5	<10	3
1731798	Vegetation	0.78	0.1	0.04	0.14	38.9	0.8	<0.05	1.6	0.88	2.9	0.02	7	0.1	2.4	<10	2
1731799	Vegetation	0.35	0.1	<0.02	0.06	49.9	0.2	<0.05	0.6	0.45	1.1	<0.02	4	<0.1	1.3	<10	3
1731800	Vegetation	0.27	0.1	<0.02	0.10	42.2	0.3	<0.05	0.8	0.47	1.5	<0.02	1	<0.1	2.1	<10	<2
1731801	Vegetation	2.20	0.2	<0.02	0.30	119.2	1.9	<0.05	0.5	2.58	9.6	0.05	6	0.2	5.3	<10	4
1731802 TECK ASH-1	Ash	1.03	0.1	0.20	<0.02	18.7	0.7	<0.05	6.2	9.33	28.5	0.02	1	0.5	11.9	<10	2
1731803	Vegetation	0.60	<0.1	0.04	0.16	59.2	0.5	<0.05	1.2	0.65	2.4	0.02	2	<0.1	2.0	<10	4
1731804	Vegetation	1.09	0.1	0.04	0.14	70.9	0.4	<0.05	1.1	0.73	2.2	<0.02	6	<0.1	1.3	<10	2
1731805	Vegetation	0.72	<0.1	0.09	0.17	43.2	1.1	<0.05	2.3	1.26	4.5	<0.02	4	0.1	1.8	<10	3
1731806	Vegetation	0.32	0.1	0.05	0.13	22.7	0.6	<0.05	1.3	0.82	2.7	<0.02	4	<0.1	4.2	<10	<2
1731807	Vegetation	1.02	0.3	0.08	0.24	53.0	1.8	<0.05	3.0	1.83	6.1	0.07	8	0.2	5.3	<10	<2
1731808	Vegetation	0.55	0.2	0.04	0.15	37.7	0.9	<0.05	1.7	1.07	3.6	0.03	7	<0.1	1.9	<10	4
1731809	Vegetation	0.68	0.2	0.05	0.19	55.3	1.0	<0.05	2.3	1.41	4.8	0.05	9	<0.1	2.8	<10	3

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Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731810	Vegetation	190.00		50.756	1.003	0.79	134.82	29.57	1760.6	411	19.4	4.5	>10000	0.29	5.0	0.2	0.4	0.4	1364.3	3.27	0.91
1731811	Vegetation	120.00		50.883	1.476	0.69	80.97	66.28	1105.3	431	13.6	3.1	5785	0.22	0.5	0.1	<0.2	0.3	394.8	4.69	0.84
1731812	Vegetation	150.00		50.722	1.365	0.60	82.76	40.14	1084.6	466	31.1	4.7	9414	0.21	2.8	0.1	0.2	0.2	821.3	7.04	0.61
1731813	Vegetation	130.00		50.465	1.104	1.13	109.62	89.14	1256.5	363	36.7	5.2	9324	0.37	3.2	0.2	<0.2	0.4	654.8	8.03	1.25
1731814	Vegetation	130.00		50.788	1.144	0.81	119.41	66.47	2509.0	750	45.9	7.6	>10000	0.29	4.2	0.2	2.0	0.4	1234.5	8.92	1.05
1731815	Vegetation	100.00		50.672	1.104	0.86	87.70	74.91	1270.8	256	12.6	3.5	>10000	0.30	0.8	0.2	<0.2	0.4	2029.6	7.44	1.07
1731816	Vegetation	130.00		50.425	1.919	0.68	47.79	46.56	1150.0	151	6.5	1.3	3204	0.28	3.4	0.2	<0.2	0.4	812.7	2.84	0.99
1731817 TECK ASH-1	Ash					0.72	70.49	8.39	156.0	43	129.0	16.1	1066	2.34	4.9	0.6	5.3	3.6	912.4	0.22	0.14
1731818	Vegetation	140.00		50.422	2.368	0.38	32.17	32.47	647.0	82	4.0	1.1	2852	0.16	2.2	<0.1	<0.2	0.2	680.2	1.31	0.55
1731819	Vegetation	150.00		50.643	1.835	0.74	69.94	54.54	976.6	328	9.0	1.7	3399	0.30	2.7	0.2	<0.2	0.4	938.0	2.87	1.23
1731820	Vegetation	140.00		50.632	3.527	0.30	21.22	16.83	555.4	59	5.3	1.2	1709	0.10	2.7	<0.1	0.4	0.2	771.0	1.00	0.49
1731821	Vegetation	150.00		50.961	1.114	1.29	128.67	76.03	1071.0	668	13.1	2.4	2636	0.45	4.7	0.4	0.6	0.7	625.5	1.65	2.13
1731822	Vegetation	160.00		50.389	1.049	0.73	69.58	35.02	718.5	210	5.6	1.3	1576	0.25	1.8	0.2	<0.2	0.4	811.7	1.51	1.05
1731823	Vegetation	190.00		50.078	1.120	0.99	125.60	58.83	891.5	424	6.7	1.8	2507	0.34	2.7	0.2	0.4	0.5	741.7	2.56	1.44
1731824	Vegetation	160.00		50.925	2.583	0.56	52.42	39.15	797.0	154	5.4	1.4	1564	0.17	0.5	0.1	<0.2	0.3	625.6	1.60	0.72
1731825	Vegetation	160.00		50.689	1.452	0.77	76.53	38.00	1055.9	331	8.5	1.6	1668	0.28	5.0	0.2	<0.2	0.4	707.7	1.65	1.01
1731826	Vegetation	120.00		50.661	1.239	1.15	137.06	85.59	3106.9	815	12.7	2.5	6426	0.28	2.1	0.2	0.2	0.5	1000.8	2.67	1.26
1731827	Vegetation	150.00		50.962	1.410	0.72	85.75	37.75	1105.4	357	11.7	3.2	7933	0.24	3.5	0.1	<0.2	0.3	623.5	6.04	0.73
1731828	Vegetation	160.00		50.661	1.455	0.56	89.33	39.60	711.3	329	11.0	4.4	7610	0.18	0.5	0.1	<0.2	0.2	704.9	11.55	0.53
1731829	Vegetation	140.00		50.503	1.350	0.38	72.17	26.33	762.9	566	13.6	6.4	9891	0.14	0.3	<0.1	<0.2	0.1	748.3	9.98	0.39
1731830	Vegetation	140.00		50.666	1.241	0.66	101.29	34.78	831.5	390	18.2	10.0	>10000	0.19	2.1	0.1	<0.2	0.2	887.6	11.67	0.64
1731831	Vegetation	130.00		50.022	1.504	0.36	73.64	19.85	686.8	417	8.5	4.5	>10000	0.11	<0.1	<0.1	<0.2	0.1	981.5	8.40	0.28
1731832	Vegetation	180.00		50.161	1.587	0.35	78.05	15.37	882.4	540	17.8	6.8	>10000	0.09	1.0	<0.1	<0.2	0.1	998.4	11.88	0.34
1731833 TECK ASH-2	Ash					0.79	122.38	13.66	2823.3	513	13.5	4.3	>10000	0.13	0.4	<0.1	2.5	0.1	1234.9	4.89	0.25
1731834	Vegetation	140.00		50.356	0.973	0.60	114.72	26.69	1270.0	386	15.4	10.9	>10000	0.18	1.5	0.1	<0.2	0.2	1141.7	12.14	0.56
1731835	Vegetation	140.00		50.531	2.158	0.50	76.87	44.98	998.2	143	10.5	4.4	7904	0.11	0.2	<0.1	<0.2	0.1	1166.1	4.55	0.42
1731836	Vegetation	140.00		50.617	1.150	0.73	123.34	35.37	1819.5	869	20.9	12.0	>10000	0.21	4.3	0.2	0.5	0.3	1685.2	17.86	0.65
1731837	Vegetation	180.00		50.598	1.580	0.58	101.54	35.39	2947.6	416	14.5	5.0	7308	0.12	1.3	<0.1	<0.2	0.2	1127.9	7.11	0.57
1731838	Vegetation	160.00		50.708	1.744	0.67	127.46	38.46	1788.9	511	11.6	5.2	9108	0.12	1.3	0.1	<0.2	0.2	957.1	8.44	0.50
1731839	Vegetation	150.00		50.856	1.117	1.23	195.77	72.99	1462.5	1345	22.8	10.7	>10000	0.29	1.6	0.2	<0.2	0.4	953.1	27.54	1.48

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	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731810	Vegetation	0.35	8	33.74	0.625	2.3	5.1	0.98	166.5	0.007	436	0.27	0.107	1.25	0.2	1.4	<0.02	2.56	2.3	0.05	1.1
1731811	Vegetation	0.31	7	34.15	0.339	1.6	2.7	0.45	2934.2	0.004	166	0.19	0.033	1.14	0.1	0.6	0.02	0.71	0.9	0.03	0.7
1731812	Vegetation	0.24	6	32.16	0.322	1.6	2.8	0.46	399.8	0.003	164	0.30	0.028	1.00	0.2	0.5	0.04	1.52	1.1	0.09	0.8
1731813	Vegetation	0.53	11	29.93	0.499	2.7	4.7	0.59	200.0	0.006	200	0.33	0.046	1.67	0.3	0.9	0.10	1.85	1.5	<0.02	1.2
1731814	Vegetation	0.45	8	32.12	0.606	2.8	4.8	0.88	404.2	0.006	283	0.50	0.034	1.11	0.2	1.1	0.17	1.17	1.1	0.08	1.2
1731815	Vegetation	0.35	8	30.45	0.646	2.0	3.2	0.96	595.8	0.005	185	0.21	0.055	2.49	0.2	0.9	0.05	0.90	1.1	<0.02	0.9
1731816	Vegetation	0.35	8	33.33	0.306	1.9	3.5	0.35	793.8	0.005	108	0.21	0.034	0.90	0.1	0.8	<0.02	1.75	0.7	0.02	0.9
1731817 TECK ASH-1	Ash	0.11	54	15.91	0.227	12.5	154.1	1.86	98.6	0.017	297	2.82	0.595	1.26	<0.1	9.3	0.12	0.40	0.5	<0.02	6.3
1731818	Vegetation	0.20	4	35.00	0.184	1.1	1.8	0.23	1968.0	0.002	127	0.11	0.021	0.58	<0.1	0.5	0.03	1.04	0.6	0.02	0.6
1731819	Vegetation	0.43	8	33.15	0.316	2.1	3.4	0.31	2109.0	0.005	130	0.23	0.033	0.79	0.1	0.8	0.03	1.05	1.2	<0.02	1.0
1731820	Vegetation	0.13	3	34.91	0.118	0.7	1.3	0.18	1645.2	0.002	88	0.09	0.023	0.52	<0.1	0.3	<0.02	1.65	0.4	<0.02	0.4
1731821	Vegetation	0.69	14	32.30	0.548	3.2	6.3	0.64	1875.2	0.009	227	0.39	0.066	1.87	0.3	1.4	<0.02	1.49	2.0	0.09	1.5
1731822	Vegetation	0.35	7	33.07	0.315	1.8	3.3	0.23	2891.9	0.004	101	0.18	0.032	0.68	0.2	0.6	<0.02	0.57	1.4	0.04	0.7
1731823	Vegetation	0.54	9	32.29	0.424	2.2	4.4	0.24	3471.1	0.006	133	0.24	0.037	0.99	0.3	0.9	<0.02	0.66	1.8	0.10	1.2
1731824	Vegetation	0.27	4	36.27	0.185	1.3	1.9	0.16	1701.8	0.003	85	0.12	0.020	0.42	0.1	0.5	<0.02	0.43	0.6	<0.02	0.6
1731825	Vegetation	0.30	8	33.03	0.368	1.9	3.8	0.28	955.9	0.005	186	0.21	0.041	1.07	0.1	0.9	<0.02	1.53	1.0	0.06	0.9
1731826	Vegetation	0.58	8	31.81	0.542	2.3	4.1	0.78	2548.9	0.006	330	0.22	0.057	1.45	0.2	1.0	<0.02	0.78	1.7	<0.02	1.1
1731827	Vegetation	0.35	7	31.74	0.438	1.6	3.3	0.67	277.9	0.005	216	0.17	0.053	1.54	0.1	0.7	<0.02	1.54	0.9	0.03	0.9
1731828	Vegetation	0.22	5	32.96	0.391	1.5	2.3	0.50	4316.3	0.004	172	0.16	0.037	1.16	<0.1	0.6	<0.02	0.60	0.7	<0.02	0.6
1731829	Vegetation	0.18	3	33.78	0.419	1.0	1.8	0.60	4724.9	0.003	231	0.15	0.035	1.37	0.1	0.5	<0.02	0.57	0.6	<0.02	0.6
1731830	Vegetation	0.24	5	33.24	0.556	1.4	2.8	0.70	1932.2	0.004	270	0.19	0.065	1.83	<0.1	0.8	<0.02	0.84	0.7	<0.02	0.8
1731831	Vegetation	0.12	2	33.79	0.366	0.8	1.7	0.65	5246.5	0.003	235	0.11	0.049	1.30	<0.1	0.4	<0.02	0.65	0.8	<0.02	0.6
1731832	Vegetation	0.11	2	33.86	0.362	0.8	1.8	0.45	2476.5	0.002	271	0.11	0.055	1.21	<0.1	0.4	<0.02	0.65	0.5	0.02	0.5
1731833 TECK ASH-2	Ash	0.04	2	32.28	0.528	1.4	1.3	0.88	5383.7	0.004	333	0.28	0.036	2.87	<0.1	0.5	0.04	0.47	0.3	<0.02	0.5
1731834	Vegetation	0.24	5	33.09	0.613	1.5	2.3	0.79	827.7	0.004	366	0.18	0.070	1.51	0.1	0.7	<0.02	0.68	0.7	<0.02	0.8
1731835	Vegetation	0.16	3	33.03	0.387	1.0	1.1	0.55	5335.0	0.003	238	0.16	0.061	2.89	<0.1	0.6	0.03	0.68	0.7	<0.02	0.4
1731836	Vegetation	0.33	5	32.22	0.622	1.8	3.3	0.93	361.5	0.005	367	0.22	0.064	1.88	0.1	0.8	<0.02	1.37	1.1	<0.02	0.8
1731837	Vegetation	0.18	4	33.85	0.488	1.3	4.4	0.85	1852.9	0.003	319	0.16	0.049	1.66	<0.1	0.5	<0.02	0.85	1.3	<0.02	0.5
1731838	Vegetation	0.20	3	33.08	0.483	1.3	1.9	0.88	4223.2	0.005	338	0.16	0.069	3.43	0.1	0.8	<0.02	0.74	1.0	<0.02	0.7
1731839	Vegetation	0.62	9	32.57	0.722	2.8	3.8	0.54	704.5	0.006	181	0.25	0.065	1.26	0.2	1.0	<0.02	1.02	1.9	0.06	1.3

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731810	Vegetation	0.78	0.2	0.07	0.16	48.3	1.0	<0.05	2.2	1.36	4.8	0.04	9	<0.1	2.8	<10	<2
1731811	Vegetation	1.36	0.1	0.04	0.13	44.4	0.7	<0.05	1.4	1.04	3.2	0.03	7	<0.1	1.2	<10	<2
1731812	Vegetation	1.15	<0.1	0.03	0.09	37.0	0.6	<0.05	1.2	0.87	3.0	0.02	4	<0.1	1.2	<10	<2
1731813	Vegetation	1.69	0.2	0.06	0.16	54.2	1.1	<0.05	2.2	1.59	5.0	0.04	11	0.2	1.6	<10	3
1731814	Vegetation	1.32	0.2	0.08	0.13	42.4	1.2	<0.05	2.3	1.52	5.5	0.03	2	0.1	1.8	<10	<2
1731815	Vegetation	2.70	0.2	0.05	0.12	89.3	1.0	<0.05	1.6	1.12	3.8	<0.02	2	0.2	1.5	<10	2
1731816	Vegetation	0.78	0.2	0.06	0.12	27.7	1.1	<0.05	1.8	1.05	3.8	0.03	3	<0.1	1.4	<10	<2
1731817 TECK ASH-1	Ash	1.01	<0.1	0.20	0.03	18.7	0.7	<0.05	6.8	8.97	27.2	0.02	<1	0.5	11.9	<10	3
1731818	Vegetation	0.48	<0.1	0.05	0.06	19.5	0.5	<0.05	1.1	0.65	2.2	0.02	5	<0.1	0.8	<10	3
1731819	Vegetation	0.89	0.2	0.04	0.12	26.8	1.3	<0.05	1.9	1.26	4.2	0.03	3	<0.1	1.3	<10	<2
1731820	Vegetation	0.26	0.1	0.02	0.06	14.6	0.5	<0.05	0.8	0.51	1.5	0.03	4	<0.1	0.7	<10	2
1731821	Vegetation	1.39	0.2	0.08	0.17	66.3	1.8	<0.05	3.0	1.83	6.4	0.06	7	0.1	1.9	<10	3
1731822	Vegetation	0.37	0.1	0.06	0.10	19.8	0.9	<0.05	1.6	0.97	3.5	0.03	3	<0.1	1.0	<10	3
1731823	Vegetation	0.65	0.2	0.08	0.13	29.7	1.2	<0.05	2.0	1.17	4.4	0.03	3	<0.1	1.2	<10	<2
1731824	Vegetation	0.35	0.1	0.02	0.08	13.8	0.6	<0.05	1.0	0.77	2.7	0.04	2	<0.1	0.6	<10	3
1731825	Vegetation	0.80	0.3	0.06	0.10	40.4	1.0	<0.05	1.9	1.08	3.7	0.03	4	<0.1	1.2	<10	<2
1731826	Vegetation	1.83	0.2	0.07	0.14	75.0	1.3	<0.05	1.8	1.28	4.8	0.06	8	<0.1	1.9	<10	<2
1731827	Vegetation	1.46	0.1	0.04	0.11	83.4	0.9	<0.05	1.5	0.96	3.3	0.03	6	<0.1	1.2	<10	<2
1731828	Vegetation	0.78	0.1	0.04	0.10	41.9	0.5	<0.05	1.1	0.83	2.8	0.02	1	<0.1	1.0	<10	<2
1731829	Vegetation	0.63	0.1	0.03	0.08	46.4	0.4	<0.05	0.8	0.52	2.0	<0.02	1	<0.1	0.9	<10	<2
1731830	Vegetation	1.03	<0.1	0.04	0.12	69.3	0.6	<0.05	1.4	0.77	2.8	<0.02	7	<0.1	1.4	<10	3
1731831	Vegetation	0.88	<0.1	0.03	0.07	56.3	0.4	<0.05	0.8	0.50	1.7	<0.02	13	<0.1	1.2	<10	<2
1731832	Vegetation	0.53	<0.1	<0.02	0.07	44.7	0.3	<0.05	0.7	0.39	1.4	<0.02	5	<0.1	1.6	<10	3
1731833 TECK ASH-2	Ash	0.62	<0.1	<0.02	0.06	72.2	0.1	<0.05	0.7	0.64	1.4	<0.02	<1	<0.1	0.8	<10	<2
1731834	Vegetation	1.03	<0.1	0.05	0.11	65.0	0.5	<0.05	1.2	0.74	2.8	<0.02	8	<0.1	2.1	<10	<2
1731835	Vegetation	1.53	0.2	0.03	0.08	110.0	0.3	<0.05	0.7	0.52	1.8	<0.02	<1	<0.1	2.3	<10	<2
1731836	Vegetation	1.28	0.1	0.05	0.13	92.5	0.8	<0.05	1.6	1.01	3.7	0.02	8	<0.1	3.4	<10	<2
1731837	Vegetation	1.02	0.2	0.04	0.10	86.0	0.6	<0.05	1.0	0.78	2.5	0.02	3	<0.1	1.9	<10	<2
1731838	Vegetation	1.99	<0.1	0.04	0.12	147.3	0.5	<0.05	1.2	0.73	2.5	<0.02	7	<0.1	2.6	<10	<2
1731839	Vegetation	1.22	0.2	0.06	0.14	59.5	1.2	<0.05	1.8	1.45	5.4	0.06	2	0.1	12.4	<10	3

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731840	Vegetation	180.00		50.314	1.878	0.49	138.95	60.86	1905.0	449	14.0	5.2	9758	0.10	1.1	<0.1	<0.2	0.1	1274.2	7.19	0.40
1731841	Vegetation	170.00		50.485	0.952	0.90	109.42	38.84	1156.2	417	18.8	9.1	>10000	0.32	3.3	0.2	0.6	0.4	974.8	12.98	0.81
1731842	Vegetation	170.00		50.263	1.537	0.70	85.52	27.36	998.2	468	21.3	7.3	9463	0.23	0.5	0.1	3.0	0.2	775.7	8.97	0.76
OVEN STD-1	Vegetation			21.186	0.578	3.92	40.96	10.48	1827.3	973	11.6	1.1	>10000	0.20	2.3	2.1	<0.2	1.0	575.4	0.31	0.40
1731843	Vegetation	120.00		50.396	1.539	0.86	73.19	50.75	1140.5	576	16.6	6.1	>10000	0.31	0.6	0.2	0.4	0.4	715.5	11.31	0.76
1731844	Vegetation	170.00		50.090	2.074	0.41	60.52	27.97	977.2	415	10.9	6.6	9839	0.13	1.4	<0.1	<0.2	0.1	981.9	11.13	0.39
1731845	Vegetation	160.00		50.077	1.825	0.52	61.75	34.64	1226.8	386	8.4	4.6	7451	0.14	1.8	<0.1	<0.2	0.1	921.9	6.50	0.35
1731846	Vegetation	120.00		50.274	1.138	1.04	108.53	69.21	1950.9	630	14.8	3.4	9611	0.30	6.6	0.2	<0.2	0.4	1018.2	6.41	0.99
1731847	Vegetation	150.00		50.242	1.118	1.27	130.69	82.49	1689.0	702	16.1	3.0	8859	0.31	5.2	0.2	1.5	0.4	839.7	7.01	1.29
1731848	Vegetation	160.00		50.327	1.735	1.15	76.20	47.04	1195.4	244	10.2	4.7	8986	0.15	2.8	0.6	<0.2	0.8	785.1	9.04	0.56
1731849	Vegetation	200.00		50.353	1.599	0.78	155.52	49.76	2942.2	469	9.9	5.1	6193	0.13	1.9	0.1	<0.2	0.2	860.4	7.03	0.52
1731850	Vegetation	210.00		50.533	1.893	0.75	103.79	71.72	1754.0	457	11.3	3.5	3967	0.16	1.7	0.2	<0.2	0.3	967.8	5.40	0.76
1731851	Vegetation	150.00		50.331	1.754	0.49	64.64	35.67	717.7	264	9.5	5.1	7018	0.21	0.4	0.1	<0.2	0.2	820.0	6.36	0.66
1731852	Vegetation	150.00		50.643	2.049	0.45	55.51	23.51	732.4	177	10.6	3.9	4562	0.17	0.8	<0.1	<0.2	0.2	648.9	5.02	0.58
1731853	Vegetation	160.00		50.546	1.527	0.64	65.71	44.25	984.3	336	8.7	4.0	4689	0.26	2.9	0.1	<0.2	0.3	727.8	4.98	0.78
1731854	Vegetation	130.00		50.525	1.249	0.48	73.89	24.91	865.4	387	18.0	4.4	6873	0.21	<0.1	0.1	<0.2	0.3	354.8	8.02	0.53
1731855	Vegetation	110.00		50.105	1.333	0.83	75.14	61.08	1269.2	304	22.7	4.4	5462	0.39	0.9	0.2	4.5	0.5	514.1	5.55	0.96
1731856	Vegetation	120.00		50.941	0.954	1.41	171.35	87.83	1887.8	2122	28.1	12.3	>10000	0.33	1.4	0.2	2.8	0.5	883.8	25.36	1.32
1731857	Vegetation	170.00		50.762	1.781	0.55	89.52	31.23	1704.0	165	14.4	6.5	8217	0.12	0.9	<0.1	0.5	0.2	1039.6	12.35	0.63
1731858	Vegetation	150.00		50.508	1.273	0.91	104.10	52.52	1278.2	631	13.2	2.8	9889	0.29	8.2	0.2	0.3	0.4	505.2	8.71	0.93
1731859	Vegetation	280.00		50.710	2.306	0.24	77.25	14.19	3171.6	117	4.1	1.5	2107	0.05	1.3	<0.1	0.7	<0.1	1317.9	1.92	0.27
1731860	Vegetation	90.00		50.784	1.683	0.71	63.61	36.12	957.6	198	7.7	1.6	3357	0.28	5.0	0.2	1.1	0.4	886.2	2.83	1.06
1731861	Vegetation	190.00		50.651	0.989	1.57	104.88	69.89	1252.8	370	15.5	2.7	6073	0.60	12.0	0.4	1.6	0.6	957.3	4.43	2.21
1731862	Vegetation	150.00		50.443	1.389	0.75	73.26	26.86	937.6	158	10.1	1.8	4484	0.24	4.6	0.2	0.5	0.3	1223.1	2.63	1.19
1731863	Vegetation	160.00		50.785	1.957	0.68	109.90	34.47	2944.6	231	12.2	2.0	2302	0.17	2.7	0.1	<0.2	0.3	1203.3	3.66	1.00
1731864 TECK ASH-1	Ash					0.84	71.74	9.30	160.4	40	136.5	16.9	1128	2.42	3.7	0.7	3.4	3.9	973.9	0.26	0.16
1731865	Vegetation	140.00		50.447	1.606	0.80	64.70	37.88	983.8	165	10.0	1.6	1446	0.31	5.2	0.2	0.9	0.3	956.2	1.70	1.10
1731866	Vegetation	150.00		50.168	1.355	0.72	75.10	37.59	1332.8	266	8.0	1.7	6228	0.30	5.0	0.2	0.7	0.3	1632.1	3.80	0.81
1731867	Vegetation	130.00		50.579	1.778	0.99	51.95	41.26	1115.2	206	9.9	1.9	1929	0.39	5.7	0.2	<0.2	0.6	553.2	2.09	1.11
1731868	Vegetation	160.00		50.306	1.586	0.81	48.78	32.03	706.8	149	6.7	1.5	1412	0.45	6.2	0.2	<0.2	0.6	816.2	0.72	0.86

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731840	Vegetation	0.16	3	33.26	0.462	1.0	1.8	0.60	3619.1	0.003	277	0.32	0.054	1.45	<0.1	0.6	<0.02	0.68	0.9	<0.02	0.5
1731841	Vegetation	0.37	8	31.52	0.698	2.4	4.6	0.64	479.9	0.006	232	0.24	0.100	1.74	0.2	1.0	<0.02	1.08	1.1	0.02	1.2
1731842	Vegetation	0.31	6	33.41	0.501	1.7	3.5	0.56	2092.4	0.005	235	0.20	0.099	1.33	0.1	0.7	<0.02	0.72	1.4	0.03	0.8
OVEN STD-1	Vegetation	0.19	3	23.76	3.147	1.6	5.8	2.38	1221.6	0.006	430	0.16	0.143	>10	0.5	2.0	<0.02	1.22	0.7	<0.02	1.1
1731843	Vegetation	0.31	6	32.83	0.488	2.1	3.5	0.55	588.0	0.005	188	0.26	0.113	1.22	0.1	0.7	0.08	0.81	1.2	<0.02	1.0
1731844	Vegetation	0.16	4	35.49	0.292	1.1	1.9	0.47	3004.7	0.002	169	0.10	0.052	1.01	<0.1	0.4	0.05	0.74	0.7	0.05	0.6
1731845	Vegetation	0.14	4	33.16	0.344	1.1	1.8	0.58	3230.4	0.003	212	0.17	0.081	3.21	<0.1	0.5	<0.02	0.95	0.7	<0.02	0.5
1731846	Vegetation	0.45	8	30.35	0.563	2.3	4.4	0.93	212.9	0.006	305	0.24	0.082	2.13	0.2	0.9	<0.02	2.38	1.9	0.03	1.1
1731847	Vegetation	0.54	9	30.88	0.580	2.6	5.6	0.76	232.7	0.006	318	0.27	0.090	1.85	0.3	0.9	<0.02	2.12	2.5	<0.02	1.3
1731848	Vegetation	0.18	5	31.38	0.363	1.7	2.4	0.60	323.5	0.003	161	0.13	0.070	2.20	<0.1	0.4	<0.02	1.42	0.9	0.03	0.5
1731849	Vegetation	0.19	4	31.33	0.397	1.4	1.8	0.87	2511.3	0.003	271	0.23	0.077	3.49	<0.1	0.5	0.03	0.90	1.2	0.03	0.6
1731850	Vegetation	0.22	5	31.41	0.467	1.9	2.2	0.80	3339.3	0.004	212	0.21	0.078	2.78	0.1	0.6	0.03	0.74	1.2	<0.02	0.6
1731851	Vegetation	0.21	5	32.19	0.379	1.5	2.5	0.38	2824.1	0.004	145	0.15	0.049	1.43	<0.1	0.6	0.02	0.73	1.2	<0.02	0.7
1731852	Vegetation	0.16	4	34.59	0.256	1.2	1.8	0.34	3377.5	0.003	135	0.13	0.032	0.69	0.1	0.5	<0.02	0.57	1.0	0.03	0.5
1731853	Vegetation	0.30	7	32.87	0.365	1.9	2.9	0.47	284.8	0.004	143	0.18	0.042	1.16	0.1	0.7	<0.02	1.51	1.3	<0.02	0.8
1731854	Vegetation	0.19	5	33.27	0.360	1.6	2.8	0.53	2653.8	0.004	163	0.20	0.032	0.91	<0.1	0.5	0.03	0.66	0.9	<0.02	0.7
1731855	Vegetation	0.40	10	32.96	0.429	2.9	5.2	0.56	3840.3	0.007	129	0.28	0.049	1.04	0.2	0.9	0.04	0.69	1.1	<0.02	1.2
1731856	Vegetation	0.57	10	30.93	1.101	3.0	6.0	0.98	285.2	0.008	386	0.37	0.074	1.97	0.3	1.1	0.02	1.62	3.0	<0.02	1.4
1731857	Vegetation	0.16	4	34.92	0.402	1.5	2.1	0.63	4313.0	0.003	160	0.21	0.047	1.24	0.1	0.7	<0.02	0.72	1.4	<0.02	0.5
1731858	Vegetation	0.39	8	32.47	0.491	2.0	4.0	0.53	169.9	0.005	199	0.21	0.060	1.67	0.2	0.7	<0.02	2.72	1.6	0.03	1.1
1731859	Vegetation	0.07	<2	35.30	0.218	0.5	0.9	0.50	1591.1	0.001	199	0.06	0.026	1.07	<0.1	0.3	<0.02	0.54	0.9	<0.02	0.3
1731860	Vegetation	0.35	9	35.05	0.352	1.9	3.6	0.32	489.5	0.005	142	0.20	0.048	1.00	0.1	0.8	<0.02	1.62	1.7	0.03	1.0
1731861	Vegetation	0.90	18	30.47	0.688	4.2	8.2	0.46	186.9	0.009	190	0.45	0.078	1.68	0.3	1.5	<0.02	2.62	4.9	0.26	1.9
1731862	Vegetation	0.37	8	33.53	0.387	1.6	3.8	0.48	665.6	0.004	163	0.20	0.064	1.01	0.1	0.7	<0.02	1.27	2.3	0.13	0.9
1731863	Vegetation	0.25	5	34.85	0.366	1.7	3.0	0.58	2617.9	0.004	132	0.18	0.054	1.23	0.1	0.9	<0.02	0.95	2.1	0.03	0.7
1731864 TECK ASH-1	Ash	0.13	55	17.13	0.237	13.1	157.2	2.00	98.5	0.018	327	2.93	0.633	1.32	<0.1	9.7	0.13	0.44	0.7	0.05	6.2
1731865	Vegetation	0.40	10	34.25	0.397	2.3	4.1	0.29	808.3	0.005	146	0.25	0.064	0.97	0.1	0.9	<0.02	1.66	2.1	0.07	1.1
1731866	Vegetation	0.34	8	33.26	0.521	2.0	3.8	0.80	220.1	0.005	192	0.22	0.055	1.86	0.1	0.8	<0.02	2.52	2.1	<0.02	1.0
1731867	Vegetation	0.43	11	33.52	0.351	2.8	5.3	0.43	137.1	0.007	156	0.29	0.072	1.17	0.2	1.0	<0.02	3.37	2.0	0.03	1.1
1731868	Vegetation	0.43	11	33.30	0.320	3.1	5.5	0.27	158.4	0.007	136	0.28	0.082	0.83	0.2	1.4	<0.02	2.62	1.9	0.03	1.3

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731840	Vegetation	0.87	0.1	0.03	0.09	58.1	0.4	<0.05	0.9	0.57	1.9	<0.02	4	<0.1	2.1	<10	3
1731841	Vegetation	1.02	<0.1	0.04	0.13	58.2	0.9	<0.05	1.7	1.32	4.6	0.03	<1	0.1	7.1	<10	3
1731842	Vegetation	0.66	0.2	0.03	0.12	37.6	0.7	<0.05	1.5	0.88	3.2	<0.02	<1	<0.1	6.4	<10	<2
OVEN STD-1	Vegetation	2.66	<0.1	0.03	0.11	209.6	3.7	<0.05	0.6	0.44	3.6	<0.02	3	0.1	2.7	<10	<2
1731843	Vegetation	0.82	0.1	0.07	0.11	41.3	0.7	<0.05	1.8	1.10	4.2	0.02	4	<0.1	9.7	<10	3
1731844	Vegetation	0.48	0.1	<0.02	0.08	35.5	0.4	<0.05	0.9	0.57	2.0	<0.02	2	<0.1	3.4	<10	2
1731845	Vegetation	0.59	0.2	0.03	0.08	86.7	0.4	<0.05	1.2	0.62	2.2	<0.02	6	<0.1	3.0	<10	3
1731846	Vegetation	1.53	0.1	0.06	0.15	83.8	1.1	<0.05	2.6	1.36	4.9	0.03	13	<0.1	5.0	<10	<2
1731847	Vegetation	1.26	0.2	0.07	0.12	82.2	1.5	<0.05	2.4	1.63	5.4	0.05	11	0.1	5.0	<10	<2
1731848	Vegetation	1.88	0.1	0.03	0.09	110.1	0.5	<0.05	1.0	0.78	2.5	0.02	9	<0.1	3.5	<10	<2
1731849	Vegetation	2.84	0.2	0.03	0.10	162.4	0.5	<0.05	1.1	0.93	2.6	<0.02	15	<0.1	2.3	<10	3
1731850	Vegetation	1.17	0.2	0.04	0.12	143.5	0.6	<0.05	1.4	1.09	3.7	0.03	5	0.1	2.9	<10	5
1731851	Vegetation	1.16	0.2	0.04	0.10	65.0	0.5	<0.05	1.4	0.81	3.0	0.02	7	<0.1	1.1	<10	<2
1731852	Vegetation	0.43	0.1	0.04	0.07	19.4	0.4	<0.05	1.0	0.71	2.4	<0.02	1	<0.1	0.9	<10	<2
1731853	Vegetation	0.83	0.1	0.04	0.10	36.4	0.8	<0.05	1.5	0.97	3.7	0.03	<1	<0.1	1.2	<10	<2
1731854	Vegetation	0.87	0.1	0.04	0.10	24.5	0.5	<0.05	1.3	0.84	3.3	<0.02	<1	<0.1	1.2	<10	4
1731855	Vegetation	0.73	0.2	0.09	0.16	27.0	1.1	<0.05	1.9	1.61	5.9	0.09	<1	<0.1	1.8	<10	3
1731856	Vegetation	1.17	<0.1	0.07	0.21	77.1	1.2	<0.05	2.2	1.34	5.6	0.05	3	0.1	2.6	<10	4
1731857	Vegetation	0.39	0.2	0.04	0.10	41.1	0.5	<0.05	1.1	0.88	2.6	<0.02	<1	<0.1	1.0	<10	2
1731858	Vegetation	0.55	0.2	0.06	0.12	43.3	0.9	<0.05	1.9	1.25	4.2	0.04	10	<0.1	1.7	<10	3
1731859	Vegetation	0.27	0.1	0.02	0.06	32.6	0.3	<0.05	0.6	0.30	1.0	<0.02	<1	<0.1	0.7	<10	2
1731860	Vegetation	0.61	0.1	0.06	0.12	30.0	1.1	<0.05	1.9	1.14	4.0	0.03	5	0.1	1.9	<10	4
1731861	Vegetation	1.08	0.3	0.12	0.17	49.3	2.1	<0.05	3.0	2.39	8.3	0.07	8	0.2	2.6	<10	3
1731862	Vegetation	0.68	0.2	0.05	0.12	29.3	0.9	<0.05	1.8	1.06	3.3	0.03	4	<0.1	1.7	<10	3
1731863	Vegetation	0.74	0.2	0.06	0.14	43.7	0.8	<0.05	1.5	1.01	3.2	0.03	2	<0.1	1.4	<10	<2
1731864 TECK ASH-1	Ash	1.07	0.1	0.18	0.04	19.4	0.7	<0.05	6.6	9.79	29.5	0.02	2	0.4	12.3	<10	5
1731865	Vegetation	0.60	0.2	0.06	0.11	31.5	1.1	<0.05	1.9	1.28	4.5	0.04	3	0.1	1.6	<10	3
1731866	Vegetation	1.78	<0.1	0.06	0.14	69.5	0.9	<0.05	1.8	1.19	4.0	0.02	6	0.1	1.5	<10	2
1731867	Vegetation	0.66	0.2	0.07	0.14	37.0	1.2	<0.05	2.6	1.81	5.8	0.04	8	<0.1	2.0	<10	4
1731868	Vegetation	0.50	0.1	0.06	0.13	24.6	1.1	<0.05	2.4	1.78	6.3	0.04	5	<0.1	1.8	<10	3

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731869	Vegetation	150.00		50.715	2.451	0.75	29.32	23.19	692.5	95	5.9	1.7	1423	0.33	2.7	0.2	0.3	0.5	770.4	0.76	0.88
1731870	Vegetation	150.00		50.336	2.278	0.89	41.87	33.22	662.8	159	6.7	1.7	1082	0.48	3.5	0.3	0.6	0.7	673.6	1.12	1.28
1731871	Vegetation	120.00		50.519	2.861	0.72	35.19	26.83	802.3	130	6.4	1.5	982	0.25	3.7	0.2	0.3	0.5	515.6	1.56	1.24
1731872	Vegetation	140.00		50.159	0.901	1.55	138.19	69.24	1999.2	854	19.5	3.7	>10000	0.47	3.7	0.3	0.7	0.6	674.2	5.76	1.65
1731873	Vegetation	190.00		50.794	2.097	0.27	76.02	13.22	2819.1	194	1.2	1.3	1824	0.07	0.5	<0.1	0.9	0.1	1525.3	1.73	0.30
1731874	Vegetation	230.00		50.656	2.311	0.36	61.72	14.52	1151.3	90	3.2	1.3	1068	0.14	1.8	<0.1	<0.2	0.3	1133.1	1.10	0.57
1731875	Vegetation	170.00		50.419	2.326	0.44	57.87	23.27	1222.9	117	4.2	1.4	1451	0.17	2.7	0.1	0.4	0.2	1065.4	1.28	0.60
1731876	Vegetation	150.00		50.638	2.113	0.30	79.32	28.80	1888.4	248	10.4	5.1	6725	0.10	0.8	<0.1	<0.2	0.2	1021.4	9.59	0.47
1731877	Vegetation	170.00		50.737	1.084	0.59	131.86	38.10	2506.5	624	29.4	7.9	>10000	0.17	1.9	0.1	<0.2	0.2	747.3	22.99	0.48
1731878	Vegetation	190.00		50.655	2.070	0.40	68.58	29.77	2487.2	139	7.7	3.5	5053	0.11	1.6	<0.1	<0.2	0.1	1264.3	2.99	0.50
1731879	Vegetation	80.00		50.324	0.592	1.41	185.81	25.15	829.4	890	26.8	5.8	>10000	0.48	0.8	0.3	1.2	0.7	428.7	14.64	1.06
1731880	Vegetation	130.00		50.213	1.286	1.34	120.62	58.84	1929.2	1127	29.2	5.0	8878	0.41	1.9	0.3	0.4	0.8	479.6	13.61	1.23
1731881	Vegetation	90.00		50.516	0.575	1.94	203.18	69.19	1939.4	1370	31.9	5.4	>10000	0.59	1.7	0.4	9.2	0.7	426.5	9.61	1.49
1731882	Vegetation	130.00		50.044	1.057	0.79	119.33	45.63	1714.7	601	45.1	8.8	>10000	0.24	3.8	0.2	0.7	0.3	865.7	12.96	0.75
1731883	Vegetation	120.00		50.755	1.495	0.80	76.83	45.76	1266.5	461	23.5	4.8	>10000	0.28	2.3	0.2	0.3	0.3	706.6	7.37	0.80
1731884	Vegetation	120.00		50.489	1.100	0.83	123.21	52.45	1263.8	657	32.5	6.6	>10000	0.24	4.1	0.1	1.1	0.3	680.5	14.43	0.74
1731885	Vegetation	100.00		50.592	1.574	0.45	56.57	22.42	1255.1	343	27.5	3.1	>10000	0.20	0.6	<0.1	0.8	0.3	566.0	7.81	0.49
1731886	Vegetation	110.00		50.977	1.385	0.81	86.47	44.14	1114.0	338	14.0	2.6	7378	0.28	6.1	0.2	<0.2	0.4	765.6	4.31	0.83
1731887	Vegetation	110.00		50.625	1.313	0.88	90.22	68.06	2480.4	438	12.3	2.1	3562	0.27	4.9	0.2	1.4	0.5	1860.4	3.74	1.11
1731888	Vegetation	160.00		50.235	1.581	0.39	74.06	37.74	1026.3	298	5.2	1.3	2629	0.18	1.6	0.1	0.6	0.2	1329.4	2.76	0.54
1731889	Vegetation	200.00		50.007	1.473	0.82	104.91	39.40	1235.4	318	9.9	2.1	4015	0.25	2.3	0.2	0.4	0.4	1493.8	4.59	1.08
1731890	Vegetation	170.00		50.151	1.562	0.82	77.11	68.86	1317.9	1503	9.5	1.9	7328	0.28	3.3	0.2	<0.2	0.4	805.1	5.55	1.21
1731891	Vegetation	180.00		50.405	1.114	1.28	104.01	93.36	1412.5	383	14.3	2.4	8369	0.51	9.2	0.4	1.1	0.6	1081.5	4.81	1.98
1731892	Vegetation	170.00		50.805	2.009	0.64	50.42	45.04	1009.6	151	8.1	1.5	1818	0.23	3.7	0.2	<0.2	0.4	586.4	1.77	0.96
1731893 TECK ASH-2	Ash					0.52	120.46	12.74	2587.0	483	12.6	4.3	>10000	0.14	1.1	<0.1	4.2	0.1	1172.6	4.93	0.25
1731894	Vegetation	150.00		50.908	2.063	0.72	51.46	53.55	952.2	148	7.7	1.4	1896	0.25	4.1	0.2	0.7	0.4	795.4	1.69	1.05
1731895	Vegetation	110.00		50.124	2.189	0.45	46.88	35.91	936.5	145	5.1	1.1	2722	0.18	1.9	0.1	1.0	0.3	781.2	1.23	0.63
1731896	Vegetation	150.00		50.416	1.295	0.98	120.70	86.33	744.9	459	8.0	1.4	1806	0.45	5.2	0.3	<0.2	0.6	723.6	2.10	1.54
1731897	Vegetation	160.00		50.799	2.173	0.47	40.10	37.47	717.2	160	4.8	1.3	1530	0.20	3.6	0.1	0.4	0.3	544.7	1.15	0.80
1731898	Vegetation	140.00		50.606	2.133	0.61	38.75	48.11	845.8	140	7.4	1.5	1871	0.25	2.4	0.2	<0.2	0.4	515.2	1.49	1.00

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	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731869	Vegetation	0.33	9	34.29	0.265	2.5	4.4	0.21	1779.3	0.006	88	0.23	0.054	0.51	0.1	1.0	<0.02	1.90	2.1	0.04	1.1
1731870	Vegetation	0.45	13	34.49	0.281	3.3	5.3	0.21	788.0	0.007	101	0.32	0.060	0.60	0.1	1.2	<0.02	1.38	2.2	0.12	1.4
1731871	Vegetation	0.37	8	34.07	0.241	2.1	3.3	0.20	785.3	0.004	95	0.20	0.043	0.81	0.1	0.9	<0.02	2.23	2.3	0.05	0.8
1731872	Vegetation	0.86	14	30.67	0.866	3.4	7.2	0.78	432.4	0.009	327	0.38	0.133	1.87	0.2	1.5	<0.02	2.09	3.7	0.05	1.7
1731873	Vegetation	0.09	<2	35.48	0.196	0.6	1.2	0.55	2788.0	0.002	161	0.06	0.029	0.75	<0.1	0.4	<0.02	0.71	0.8	<0.02	0.2
1731874	Vegetation	0.17	4	35.50	0.263	1.0	2.2	0.40	1874.4	0.004	141	0.12	0.041	1.32	<0.1	0.6	<0.02	1.49	1.2	0.03	0.4
1731875	Vegetation	0.21	5	35.69	0.215	1.2	2.2	0.35	1968.4	0.003	112	0.13	0.039	1.12	<0.1	0.6	<0.02	1.56	1.1	<0.02	0.6
1731876	Vegetation	0.10	2	35.41	0.340	1.1	1.9	0.66	4207.3	0.003	109	0.21	0.035	0.78	<0.1	0.5	<0.02	0.53	1.0	<0.02	0.5
1731877	Vegetation	0.22	3	33.38	0.647	1.5	3.4	0.74	2678.8	0.004	355	0.20	0.067	1.53	0.1	0.6	<0.02	1.15	1.5	<0.02	1.2
1731878	Vegetation	0.14	3	36.16	0.313	1.3	1.8	0.47	3918.7	0.003	137	0.27	0.039	0.91	<0.1	0.4	<0.02	0.67	1.3	<0.02	0.5
1731879	Vegetation	0.35	11	29.71	1.371	3.7	8.6	0.99	439.4	0.010	309	0.43	0.112	2.81	0.3	1.4	0.17	1.40	1.6	0.03	1.5
1731880	Vegetation	0.52	12	31.99	0.591	3.4	7.0	0.80	610.6	0.008	251	0.37	0.084	1.54	0.3	1.2	0.05	1.22	2.0	0.03	1.3
1731881	Vegetation	0.62	15	28.26	1.550	4.8	10.9	1.21	605.8	0.013	394	0.61	0.122	2.94	0.3	1.9	0.08	1.68	2.7	<0.02	1.9
1731882	Vegetation	0.35	6	31.86	0.620	2.0	4.5	1.01	393.3	0.006	260	0.38	0.049	1.55	0.1	0.9	0.03	1.39	1.7	0.04	1.3
1731883	Vegetation	0.36	7	33.33	0.437	2.1	4.4	0.64	330.6	0.005	165	0.26	0.047	1.10	0.2	0.7	0.02	1.20	1.9	<0.02	1.0
1731884	Vegetation	0.34	7	32.15	0.545	1.8	3.7	0.86	262.4	0.005	232	0.24	0.069	2.07	0.1	0.6	0.02	1.99	1.7	0.07	0.9
1731885	Vegetation	0.17	5	34.88	0.317	1.4	3.2	0.62	3313.5	0.005	131	0.19	0.038	0.91	0.1	0.5	0.06	0.67	0.8	<0.02	0.7
1731886	Vegetation	0.32	7	32.75	0.458	1.9	4.3	0.66	107.8	0.005	197	0.22	0.064	2.07	0.2	0.8	0.05	3.57	1.6	0.03	0.9
1731887	Vegetation	0.48	7	33.58	0.532	2.3	5.2	0.70	276.6	0.006	231	0.25	0.053	1.33	0.2	0.9	<0.02	2.25	2.1	0.04	1.1
1731888	Vegetation	0.21	4	36.18	0.306	1.3	2.7	0.33	3111.5	0.003	162	0.13	0.029	0.74	<0.1	0.5	<0.02	0.63	1.1	<0.02	0.5
1731889	Vegetation	0.33	8	34.18	0.376	1.7	3.7	0.43	550.1	0.005	153	0.19	0.040	0.87	0.2	0.6	0.02	1.22	2.1	0.08	0.8
1731890	Vegetation	0.47	9	32.80	0.545	2.0	3.5	0.39	2340.3	0.006	135	0.23	0.038	2.32	0.1	0.8	0.03	1.11	1.8	0.06	1.1
1731891	Vegetation	0.78	16	30.50	0.558	3.6	7.4	0.59	115.5	0.009	134	0.42	0.067	1.63	0.3	1.2	0.07	3.04	2.9	0.09	1.9
1731892	Vegetation	0.31	7	35.91	0.285	1.7	4.0	0.23	703.3	0.004	87	0.19	0.028	0.55	<0.1	0.7	0.04	1.87	2.1	0.07	0.8
1731893 TECK ASH-2	Ash	0.04	4	32.82	0.539	1.2	1.4	0.88	5069.7	0.003	273	0.28	0.034	2.66	<0.1	0.6	0.04	0.45	0.4	<0.02	0.5
1731894	Vegetation	0.37	8	35.56	0.248	1.9	3.8	0.25	628.4	0.004	86	0.21	0.027	0.66	0.1	0.7	0.06	1.67	1.5	<0.02	0.8
1731895	Vegetation	0.19	5	36.75	0.238	1.3	2.7	0.27	2541.4	0.003	83	0.13	0.023	0.56	0.1	0.5	0.05	0.68	1.3	0.02	0.6
1731896	Vegetation	0.53	13	35.32	0.401	2.8	4.7	0.20	2886.3	0.005	119	0.27	0.035	0.77	0.1	0.9	0.08	0.97	2.6	0.12	1.3
1731897	Vegetation	0.25	6	35.16	0.246	1.6	2.9	0.22	1510.7	0.003	114	0.16	0.032	0.73	<0.1	0.6	0.02	1.64	1.6	0.08	0.7
1731898	Vegetation	0.32	7	36.97	0.277	2.0	3.5	0.24	1800.5	0.004	66	0.20	0.023	0.56	0.1	0.8	0.05	1.03	1.9	<0.02	0.9

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Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731869	Vegetation	0.32	0.2	0.05	0.13	13.2	1.1	<0.05	2.3	1.48	5.1	0.04	2	<0.1	1.4	<10	<2
1731870	Vegetation	0.45	0.2	0.06	0.11	17.1	1.3	<0.05	2.6	1.99	6.9	0.03	2	<0.1	1.6	<10	3
1731871	Vegetation	0.60	0.2	0.05	0.14	24.4	1.1	<0.05	2.2	1.24	4.0	0.04	3	0.1	1.2	<10	<2
1731872	Vegetation	0.95	0.2	0.08	0.21	64.9	2.0	<0.05	2.8	2.06	7.2	0.09	16	0.2	2.8	<10	2
1731873	Vegetation	0.38	<0.1	0.02	0.06	23.6	0.3	<0.05	0.6	0.36	1.1	<0.02	<1	<0.1	0.8	<10	2
1731874	Vegetation	0.63	0.1	0.05	0.10	38.8	0.7	<0.05	1.3	0.57	2.0	<0.02	<1	<0.1	1.0	<10	<2
1731875	Vegetation	0.40	0.2	0.05	0.08	29.7	0.6	<0.05	1.2	0.94	2.5	<0.02	2	<0.1	1.1	<10	2
1731876	Vegetation	0.86	<0.1	0.03	0.09	24.5	0.4	<0.05	0.8	0.55	2.1	<0.02	<1	<0.1	1.1	<10	<2
1731877	Vegetation	1.13	<0.1	0.03	0.10	70.7	0.5	<0.05	1.2	0.84	3.0	<0.02	13	<0.1	1.7	<10	3
1731878	Vegetation	0.69	<0.1	0.03	0.07	41.7	0.4	<0.05	0.9	0.73	2.2	<0.02	2	<0.1	1.1	<10	4
1731879	Vegetation	4.10	<0.1	0.02	0.18	92.5	1.0	<0.05	0.8	1.73	7.2	0.03	4	0.1	4.4	<10	2
1731880	Vegetation	2.37	0.2	0.07	0.15	56.8	1.0	<0.05	2.5	1.95	7.1	<0.02	14	0.2	3.3	<10	3
1731881	Vegetation	3.83	0.2	0.02	0.23	107.6	1.5	<0.05	1.1	2.32	9.8	0.05	7	0.2	4.5	<10	5
1731882	Vegetation	1.56	<0.1	0.07	0.12	71.2	0.8	<0.05	1.9	1.16	4.4	0.03	8	<0.1	2.2	<10	4
1731883	Vegetation	1.13	0.2	0.05	0.12	37.6	1.0	<0.05	1.8	1.11	4.0	0.02	5	<0.1	1.7	<10	<2
1731884	Vegetation	1.13	0.1	0.05	0.10	77.8	0.9	<0.05	1.6	0.98	3.6	0.02	9	<0.1	1.9	<10	2
1731885	Vegetation	0.65	0.1	0.04	0.10	31.0	0.5	<0.05	1.2	0.71	2.7	0.02	4	<0.1	1.6	<10	<2
1731886	Vegetation	0.89	0.2	0.06	0.11	56.7	0.9	<0.05	1.9	1.21	4.1	0.03	5	<0.1	1.8	<10	2
1731887	Vegetation	1.12	0.1	0.08	0.13	54.3	1.4	<0.05	2.3	1.33	4.7	0.04	8	<0.1	1.9	<10	<2
1731888	Vegetation	0.77	<0.1	0.03	0.07	25.2	0.5	<0.05	1.2	0.83	2.7	0.02	<1	<0.1	1.0	<10	<2
1731889	Vegetation	0.58	0.2	0.05	0.14	28.1	0.8	<0.05	1.7	0.96	3.4	0.03	4	<0.1	1.3	<10	<2
1731890	Vegetation	2.38	0.1	0.07	0.10	64.3	1.3	<0.05	1.9	1.10	3.7	0.04	<1	0.1	1.6	<10	3
1731891	Vegetation	1.75	0.3	0.15	0.20	50.7	2.0	<0.05	3.6	2.09	7.4	0.06	6	<0.1	2.8	<10	3
1731892	Vegetation	0.52	0.2	0.06	0.12	18.1	0.8	<0.05	1.8	1.01	3.4	0.04	4	<0.1	1.0	<10	<2
1731893 TECK ASH-2	Ash	0.58	<0.1	0.02	0.04	67.1	0.2	<0.05	0.7	0.65	1.3	<0.02	1	<0.1	0.8	<10	4
1731894	Vegetation	0.51	0.3	0.08	0.17	22.6	0.9	<0.05	1.9	1.12	3.6	0.03	<1	<0.1	1.3	<10	<2
1731895	Vegetation	0.38	0.2	0.04	0.09	15.8	0.6	<0.05	1.4	0.79	2.8	<0.02	5	<0.1	1.2	<10	<2
1731896	Vegetation	0.77	0.3	0.09	0.16	24.4	1.2	<0.05	2.5	1.83	5.5	0.05	3	0.1	1.5	<10	3
1731897	Vegetation	0.43	0.1	0.05	0.11	23.7	0.8	<0.05	1.6	0.93	3.2	<0.02	<1	<0.1	1.1	<10	<2
1731898	Vegetation	0.52	0.2	0.09	0.12	19.5	0.9	<0.05	1.9	1.14	4.1	0.03	2	0.1	1.2	<10	2

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

CERTIFICATE OF ANALYSIS TIM14000010.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731899	Vegetation	150.00		50.288	1.729	0.63	59.89	55.43	1029.1	232	7.2	1.6	1936	0.28	3.0	0.2	<0.2	0.5	919.7	1.62	0.99
1731900	Vegetation	180.00		50.603	2.172	0.40	54.35	37.96	997.7	140	5.9	1.3	1476	0.16	2.9	<0.1	4.0	0.3	887.8	1.77	0.58

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CERTIFICATE OF ANALYSIS TIM14000010.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731899	Vegetation	0.39	8	35.37	0.308	2.1	3.8	0.37	2191.4	0.005	91	0.22	0.026	0.75	0.1	0.8	0.08	1.14	1.6	<0.02	0.9
1731900	Vegetation	0.20	4	35.54	0.243	1.3	2.4	0.28	2357.8	0.003	101	0.13	0.028	0.79	<0.1	0.6	0.04	0.96	1.2	<0.02	0.5

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CERTIFICATE OF ANALYSIS TIM14000010.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
1731899	Vegetation	0.64	0.3	0.08	0.13	23.3	0.9	<0.05	2.1	1.22	4.2	0.02	2	<0.1	1.5	<10	3
1731900	Vegetation	0.49	0.2	0.04	0.10	25.5	0.5	<0.05	1.3	0.72	2.5	0.03	<1	<0.1	1.2	<10	2

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

QUALITY CONTROL REPORT TIM14000010.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
1731783	Vegetation	150.00		50.452	1.639	0.66	82.36	22.43	2489.5	351	9.8	3.8	7460	0.21	0.8	0.1	0.3	0.3	793.0	8.18	0.69
REP 1731783	QC					0.64	80.22	21.11	2397.4	354	10.9	3.4	7348	0.21	1.5	0.1	0.4	0.3	747.7	7.89	0.67
1731819	Vegetation	150.00		50.643	1.835	0.74	69.94	54.54	976.6	328	9.0	1.7	3399	0.30	2.7	0.2	<0.2	0.4	938.0	2.87	1.23
REP 1731819	QC					0.71	66.19	53.07	931.7	321	7.6	1.6	3280	0.29	2.4	0.2	<0.2	0.5	891.9	2.84	1.16
1731854	Vegetation	130.00		50.525	1.249	0.48	73.89	24.91	865.4	387	18.0	4.4	6873	0.21	<0.1	0.1	<0.2	0.3	354.8	8.02	0.53
REP 1731854	QC					0.47	71.75	26.28	848.1	379	17.6	4.2	6822	0.21	0.1	0.1	<0.2	0.3	340.3	7.90	0.50
1731890	Vegetation	170.00		50.151	1.562	0.82	77.11	68.86	1317.9	1503	9.5	1.9	7328	0.28	3.3	0.2	<0.2	0.4	805.1	5.55	1.21
REP 1731890	QC					0.88	74.46	68.77	1267.2	1471	8.7	1.7	7162	0.27	2.4	0.2	<0.2	0.4	780.6	5.25	1.19
1731900	Vegetation	180.00		50.603	2.172	0.40	54.35	37.96	997.7	140	5.9	1.3	1476	0.16	2.9	<0.1	4.0	0.3	887.8	1.77	0.58
REP 1731900	QC					0.42	55.47	40.03	1024.9	134	5.7	1.3	1498	0.17	2.1	0.1	<0.2	0.3	910.6	1.76	0.52
Reference Materials																					
STD ASH-1	Standard					0.94	73.83	9.66	169.8	50	149.8	17.9	1186	2.58	4.0	0.7	4.8	4.2	1013.0	0.26	0.13
STD ASH-1	Standard					0.87	71.83	9.16	163.1	41	140.2	16.6	1144	2.43	3.5	0.6	3.6	4.0	981.9	0.28	0.12
STD ASH-1	Standard					0.88	77.45	9.25	165.4	37	143.7	18.4	1185	2.54	4.4	0.6	5.4	3.9	984.6	0.25	0.13
STD ASH-1	Standard					0.80	71.63	8.63	158.1	46	132.7	15.9	1102	2.37	3.2	0.6	3.0	3.7	943.5	0.26	0.15
STD ASH-1	Standard					0.73	69.43	8.61	151.7	37	133.6	17.5	1067	2.37	4.2	0.6	4.6	3.4	890.5	0.21	0.14
STD DS10	Standard					13.90	155.95	158.45	365.2	2028	84.7	12.6	900	2.82	48.5	2.7	43.4	7.6	67.0	2.87	8.82
STD DS10	Standard					14.15	148.72	161.61	348.3	1930	81.9	12.4	885	2.76	48.9	2.5	59.5	7.7	65.1	2.73	9.12
STD DS10	Standard					12.75	146.89	151.94	348.3	2034	75.3	12.2	841	2.65	45.5	2.4	81.3	7.0	62.1	2.45	9.29
STD DS10	Standard					13.01	145.79	156.34	339.9	1928	75.3	11.7	906	2.71	45.6	2.8	65.7	7.1	61.7	2.63	8.09
STD DS10	Standard					11.36	144.68	145.51	350.4	1781	75.2	12.1	833	2.59	46.1	2.3	41.6	6.2	59.7	2.60	8.41
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					<0.01	0.02	<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
BLK	Blank					<0.01	<0.01	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
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
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	0.6	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	<0.01	<0.01	0.8	7	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

QUALITY CONTROL REPORT TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
1731783	Vegetation	0.23	5	33.68	0.361	1.9	3.9	0.55	3594.9	0.005	200	0.19	0.050	0.60	0.1	0.8	<0.02	0.63	1.4	<0.02	0.8
REP 1731783	QC	0.22	4	33.20	0.359	1.9	3.8	0.56	3534.1	0.005	184	0.20	0.046	0.58	0.3	0.8	<0.02	0.60	1.2	<0.02	0.7
1731819	Vegetation	0.43	8	33.15	0.316	2.1	3.4	0.31	2109.0	0.005	130	0.23	0.033	0.79	0.1	0.8	0.03	1.05	1.2	<0.02	1.0
REP 1731819	QC	0.40	8	32.07	0.300	2.0	3.3	0.29	2040.4	0.005	111	0.22	0.031	0.78	0.2	0.8	0.02	1.03	1.2	<0.02	0.9
1731854	Vegetation	0.19	5	33.27	0.360	1.6	2.8	0.53	2653.8	0.004	163	0.20	0.032	0.91	<0.1	0.5	0.03	0.66	0.9	<0.02	0.7
REP 1731854	QC	0.18	6	33.05	0.353	1.6	2.6	0.51	2619.9	0.004	150	0.19	0.030	0.91	<0.1	0.6	0.05	0.64	1.0	<0.02	0.6
1731890	Vegetation	0.47	9	32.80	0.545	2.0	3.5	0.39	2340.3	0.006	135	0.23	0.038	2.32	0.1	0.8	0.03	1.11	1.8	0.06	1.1
REP 1731890	QC	0.45	9	32.04	0.528	1.9	3.3	0.38	2466.7	0.006	126	0.22	0.038	2.28	0.2	0.7	0.06	1.09	1.3	0.03	1.1
1731900	Vegetation	0.20	4	35.54	0.243	1.3	2.4	0.28	2357.8	0.003	101	0.13	0.028	0.79	<0.1	0.6	0.04	0.96	1.2	<0.02	0.5
REP 1731900	QC	0.21	5	36.55	0.240	1.3	2.3	0.28	2405.4	0.003	103	0.13	0.028	0.83	<0.1	0.6	0.06	0.99	1.1	<0.02	0.5
Reference Materials																					
STD ASH-1	Standard	0.13	57	17.72	0.251	14.0	175.8	2.08	107.9	0.020	328	3.07	0.644	1.36	<0.1	10.0	0.14	0.44	0.6	<0.02	6.8
STD ASH-1	Standard	0.13	53	17.03	0.238	13.5	165.4	1.97	101.6	0.020	340	2.98	0.630	1.32	<0.1	9.7	0.13	0.42	0.6	<0.02	6.5
STD ASH-1	Standard	0.12	59	18.14	0.255	13.8	175.5	2.11	103.5	0.019	323	3.05	0.656	1.31	<0.1	10.0	0.14	0.46	0.5	<0.02	6.6
STD ASH-1	Standard	0.11	53	16.92	0.237	12.6	156.2	1.93	96.4	0.018	350	2.89	0.615	1.29	<0.1	9.5	0.14	0.43	0.5	0.02	6.0
STD ASH-1	Standard	0.08	52	16.09	0.233	12.7	151.7	1.90	92.2	0.018	338	2.76	0.613	1.24	<0.1	8.9	0.12	0.41	0.4	<0.02	5.6
STD DS10	Standard	13.15	43	1.07	0.077	18.0	58.0	0.78	413.3	0.076	<1	1.03	0.066	0.34	4.0	3.3	5.35	0.29	2.4	5.10	4.6
STD DS10	Standard	12.49	43	1.07	0.074	18.7	56.1	0.75	452.7	0.074	7	0.99	0.067	0.34	3.4	3.1	5.19	0.29	2.5	5.48	4.8
STD DS10	Standard	12.59	41	1.00	0.074	16.2	53.9	0.74	416.3	0.068	<1	0.98	0.063	0.33	3.0	2.9	5.35	0.28	2.4	5.34	4.4
STD DS10	Standard	12.25	41	1.05	0.076	15.9	53.8	0.77	416.9	0.068	<1	0.98	0.061	0.34	3.8	3.1	5.02	0.28	2.2	5.34	4.4
STD DS10	Standard	11.60	40	0.99	0.075	14.7	53.5	0.74	401.4	0.065	3	0.95	0.057	0.32	3.5	2.6	4.79	0.28	2.1	4.71	3.9
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	<0.01	0.006	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1

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Project: EXNA.CA.ON.00013
Report Date: November 07, 2014

QUALITY CONTROL REPORT TIM14000010.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
1731783	Vegetation	0.45	0.1	0.07	0.13	24.9	0.7	<0.05	1.5	1.09	4.0	<0.02	1	<0.1	1.8	<10	<2
REP 1731783	QC	0.44	0.2	0.04	0.11	24.8	0.7	<0.05	1.5	1.05	3.7	<0.02	1	<0.1	1.9	<10	4
1731819	Vegetation	0.89	0.2	0.04	0.12	26.8	1.3	<0.05	1.9	1.26	4.2	0.03	3	<0.1	1.3	<10	<2
REP 1731819	QC	0.84	0.2	0.06	0.12	26.0	1.1	<0.05	1.9	1.22	4.2	0.04	1	<0.1	1.3	<10	<2
1731854	Vegetation	0.87	0.1	0.04	0.10	24.5	0.5	<0.05	1.3	0.84	3.3	<0.02	<1	<0.1	1.2	<10	4
REP 1731854	QC	0.83	<0.1	0.05	0.10	24.0	0.5	<0.05	1.3	0.86	3.1	<0.02	1	<0.1	1.1	<10	2
1731890	Vegetation	2.38	0.1	0.07	0.10	64.3	1.3	<0.05	1.9	1.10	3.7	0.04	<1	0.1	1.6	<10	3
REP 1731890	QC	2.29	0.2	0.08	0.14	61.3	1.4	<0.05	1.9	1.08	3.6	0.04	1	<0.1	1.4	<10	<2
1731900	Vegetation	0.49	0.2	0.04	0.10	25.5	0.5	<0.05	1.3	0.72	2.5	0.03	<1	<0.1	1.2	<10	2
REP 1731900	QC	0.50	0.2	0.05	0.09	26.5	0.6	<0.05	1.4	0.75	2.6	0.02	4	<0.1	1.2	<10	<2
Reference Materials																	
STD ASH-1	Standard	1.11	<0.1	0.21	0.03	20.1	0.8	<0.05	6.7	10.09	31.5	0.03	<1	0.6	13.5	<10	6
STD ASH-1	Standard	1.10	<0.1	0.26	0.02	20.1	0.7	<0.05	6.8	9.48	29.6	0.02	<1	0.5	11.1	<10	3
STD ASH-1	Standard	1.08	0.1	0.24	0.02	19.4	0.7	<0.05	7.5	10.16	29.8	0.03	<1	0.5	12.6	<10	2
STD ASH-1	Standard	1.01	<0.1	0.19	0.04	18.8	0.7	<0.05	6.1	9.19	28.3	0.03	3	0.5	13.2	<10	5
STD ASH-1	Standard	0.94	<0.1	0.16	<0.02	18.1	0.6	<0.05	5.8	9.21	27.5	<0.02	<1	0.5	12.1	<10	4
STD DS10	Standard	2.97	0.1	0.04	1.68	30.8	1.5	<0.05	2.2	8.06	39.6	0.25	53	0.7	21.2	106	194
STD DS10	Standard	3.01	<0.1	0.06	1.92	30.5	1.4	<0.05	2.3	8.09	40.3	0.22	46	0.7	18.4	115	191
STD DS10	Standard	2.70	0.1	0.05	1.78	27.7	1.4	<0.05	2.7	7.39	35.1	0.25	45	0.5	19.4	133	192
STD DS10	Standard	2.79	<0.1	0.03	1.63	29.2	1.3	<0.05	2.4	7.29	35.6	0.23	56	0.7	19.5	99	177
STD DS10	Standard	2.63	<0.1	0.06	1.34	28.0	1.3	<0.05	1.9	6.84	32.2	0.21	43	0.6	19.7	99	173
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<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	<0.02	<0.1	<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	<0.02	<0.1	<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	<0.02	<0.1	<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

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QUALITY CONTROL REPORT TIM14000010.1

		WGHT Wgt g 0.01	VA475 Rec. Wt. g 0.01	VA475 Ash Wt. g 0.001	VA475 Ashed Wt g 0.001	VG104 Mo ppm 0.01	VG104 Cu ppm 0.01	VG104 Pb ppm 0.01	VG104 Zn ppm 0.1	VG104 Ag ppb 2	VG104 Ni ppm 0.1	VG104 Co ppm 0.1	VG104 Mn ppm 1	VG104 Fe % 0.01	VG104 As ppm 0.1	VG104 U ppm 0.1	VG104 Au ppb 0.2	VG104 Th ppm 0.1	VG104 Sr ppm 0.5	VG104 Cd ppm 0.01	VG104 Sb ppm 0.02
Prep Wash																					
RICE	Prep Blank			100.784	0.350	34.99	339.27	3.15	3813.8	643	50.1	1.4	1730	0.04	15.8	<0.1	<0.2	<0.1	31.3	2.73	0.29
RICE	Prep Blank			100.142	0.461	30.82	263.10	2.80	3375.4	544	42.1	1.0	1535	0.04	12.9	<0.1	<0.2	<0.1	28.7	2.40	0.25

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		VG104 Bi ppm 0.02	VG104 V ppm 2	VG104 Ca % 0.01	VG104 P % 0.001	VG104 La ppm 0.5	VG104 Cr ppm 0.5	VG104 Mg % 0.01	VG104 Ba ppm 0.5	VG104 Ti % 0.001	VG104 B ppm 1	VG104 Al % 0.01	VG104 Na % 0.001	VG104 K % 0.01	VG104 W ppm 0.1	VG104 Sc ppm 0.1	VG104 Tl ppm 0.02	VG104 S % 0.02	VG104 Se ppm 0.1	VG104 Te ppm 0.02	VG104 Ga ppm 0.1
Prep Wash																					
RICE	Prep Blank	0.18	<2	0.91	>5	<0.5	3.0	2.23	9.5	<0.001	>2000	0.03	0.395	>10	0.1	0.3	0.12	<0.02	0.1	0.06	1.0
RICE	Prep Blank	0.10	<2	0.80	>5	<0.5	1.9	1.88	12.3	<0.001	>2000	0.05	0.629	>10	<0.1	0.3	0.11	<0.02	0.5	0.06	0.9

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		VG104 Cs ppm 0.02	VG104 Ge ppm 0.1	VG104 Hf ppm 0.02	VG104 Nb ppm 0.02	VG104 Rb ppm 0.1	VG104 Sn ppm 0.1	VG104 Ta ppm 0.05	VG104 Zr ppm 0.1	VG104 Y ppm 0.01	VG104 Ce ppm 0.1	VG104 In ppm 0.02	VG104 Re ppb 1	VG104 Be ppm 0.1	VG104 Li ppm 0.1	VG104 Pd ppb 10	VG104 Pt ppb 2
Prep Wash																	
RICE	Prep Blank	1.12	0.3	0.06	<0.02	510.8	0.2	<0.05	2.5	0.07	0.1	<0.02	<1	<0.1	3.5	<10	<2
RICE	Prep Blank	0.99	0.1	0.03	<0.02	445.0	0.4	<0.05	3.2	0.09	0.1	<0.02	<1	<0.1	6.9	<10	2

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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 06, 2014
Report Date: November 12, 2014
Page: 1 of 7

CERTIFICATE OF ANALYSIS TIM14000011.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00013
Shipment ID: ROL_2014_016
P.O. Number
Number of Samples: 152

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	144	Plant Maceration to 1mm			VAN
VA475	144	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	152	Analysis sample split/packet			VAN
VG104-EXT	152	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00013
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CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731601	Vegetation	180.00		50.379	1.809	0.80	132.54	44.06	1933.0	431	8.8	3.2	7411	0.14	1.7	<0.1	<0.2	0.1	572.2	2.86	0.58
1731602 TECK ASH-1	Ash					0.94	70.21	8.44	161.3	46	137.1	16.3	1083	2.38	3.6	0.6	2.7	3.5	950.9	0.24	0.13
1731603	Vegetation	190.00		50.621	2.722	0.22	45.59	10.55	1257.1	279	3.1	2.2	3368	0.05	0.6	<0.1	<0.2	<0.1	815.7	0.78	0.16
OVEN STD-1	Vegetation			21.467	0.540	1.95	41.15	11.35	1522.1	938	12.8	1.0	>10000	0.16	3.5	2.1	0.4	0.9	569.7	1.48	0.40
1731604	Vegetation	160.00		50.749	1.689	0.30	85.38	13.05	1575.0	382	7.8	3.3	6688	0.07	1.2	<0.1	<0.2	<0.1	586.3	1.71	0.24
1731605	Vegetation	120.00		50.741	1.125	0.35	105.67	17.99	1593.0	480	14.8	4.6	>10000	0.15	0.8	<0.1	<0.2	0.2	580.2	2.74	0.48
1731606	Vegetation	180.00		50.862	1.660	0.40	97.70	22.84	1394.4	374	5.4	4.0	4929	0.13	2.7	<0.1	0.2	0.2	793.8	1.47	0.51
1731607	Vegetation	140.00		50.797	0.560	1.07	230.15	42.56	1707.1	1231	19.7	6.4	>10000	0.31	2.2	0.2	1.5	0.7	703.1	3.79	1.69
1731608	Vegetation	130.00		50.273	0.879	0.59	184.40	47.78	2699.9	1245	13.3	6.6	>10000	0.18	2.0	0.1	0.7	0.3	1025.7	4.60	0.64
1731609	Vegetation	170.00		50.299	1.750	0.15	71.75	11.89	2713.3	268	6.9	5.5	>10000	0.05	0.6	<0.1	<0.2	<0.1	922.1	2.08	0.25
1731610	Vegetation	110.00		50.437	1.132	0.64	105.93	34.34	1279.4	824	15.4	5.7	>10000	0.22	1.5	0.1	<0.2	0.3	665.7	2.53	0.70
1731611	Vegetation	160.00		50.889	1.114	0.48	131.48	32.57	1557.9	1072	15.9	5.1	>10000	0.18	1.7	0.1	<0.2	0.2	609.3	2.89	0.54
1731612	Vegetation	210.00		50.406	1.948	0.28	122.22	15.72	1948.1	267	6.4	4.1	7326	0.08	1.6	<0.1	<0.2	0.1	812.5	1.86	0.30
1731613	Vegetation	120.00		50.356	0.577	0.65	233.37	38.89	1955.3	2984	21.3	5.9	>10000	0.18	1.9	0.1	0.9	0.2	761.1	2.30	0.47
1731614	Vegetation	210.00		50.492	1.446	0.47	110.05	34.42	2333.8	449	11.7	4.5	6399	0.11	3.8	<0.1	<0.2	0.1	996.1	1.07	0.39
1731615	Vegetation	160.00		50.683	1.050	0.60	152.35	35.43	2538.8	959	19.1	6.2	>10000	0.15	2.0	0.1	1.0	0.2	1156.5	1.65	0.61
1731616	Vegetation	180.00		50.929	1.321	0.57	127.95	36.80	1893.9	697	9.3	5.0	6011	0.13	2.2	0.1	0.3	0.2	1482.6	1.30	0.67
1731617 TECK ASH-1	Ash					0.79	75.88	9.33	176.1	44	144.3	17.5	1147	2.45	4.3	0.6	3.1	4.2	960.0	0.28	0.13
1731618	Vegetation	100.00		50.185	0.644	1.45	138.29	15.34	1098.8	1204	19.5	4.4	>10000	0.35	1.6	0.2	0.7	0.5	765.2	2.90	0.99
1731619	Vegetation	150.00		50.539	0.700	1.67	232.17	42.92	2696.5	1937	21.8	9.1	>10000	0.19	0.6	0.1	<0.2	0.3	1633.0	3.26	0.67
1731620	Vegetation	190.00		50.668	2.124	0.51	63.69	30.90	1394.2	173	6.2	1.3	1682	0.15	2.5	<0.1	<0.2	0.2	1868.4	0.23	0.62
1731621	Vegetation	180.00		50.661	1.332	0.64	96.33	26.97	969.3	1409	12.6	3.2	7379	0.23	4.9	0.1	<0.2	0.2	681.3	0.73	0.91
1731622	Vegetation	180.00		50.533	2.228	0.21	61.05	18.98	1281.2	111	5.2	2.4	5319	0.08	2.1	<0.1	<0.2	<0.1	1168.2	0.91	0.27
1731623	Vegetation	140.00		50.646	1.128	0.57	90.01	23.78	927.8	306	24.5	7.4	7646	0.18	0.9	0.1	0.4	0.3	767.0	1.24	0.67
1731624	Vegetation	140.00		50.046	1.409	0.31	83.32	16.47	1333.3	380	15.7	6.8	>10000	0.11	2.4	<0.1	<0.2	0.1	882.2	1.07	0.37
1731625	Vegetation	150.00		50.717	0.850	0.50	134.71	26.30	1389.3	1268	21.3	11.0	>10000	0.18	4.5	0.1	0.6	0.2	928.9	0.90	0.56
1731626	Vegetation	170.00		50.505	1.680	0.31	88.94	30.03	1188.7	581	10.3	6.1	>10000	0.11	0.6	<0.1	<0.2	0.1	1279.8	0.96	0.39
1731627	Vegetation	190.00		50.662	1.316	0.31	122.01	17.38	1381.6	356	11.4	3.8	>10000	0.10	1.1	<0.1	<0.2	0.1	926.6	0.75	0.28
1731628	Vegetation	200.00		50.733	2.141	0.44	105.29	18.22	1305.4	172	4.0	1.3	1617	0.14	2.7	<0.1	<0.2	0.2	1103.3	0.37	0.53
1731629	Vegetation	210.00		50.985	2.252	0.45	75.05	17.86	1930.4	168	5.5	1.4	1206	0.13	2.6	0.1	0.4	0.2	1635.3	0.20	0.52

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731601	Vegetation	0.19	5	35.84	0.589	1.4	2.7	0.70	2436.8	0.005	335	0.19	0.141	2.53	0.1	0.9	0.02	0.43	1.6	<0.02	0.6
1731602 TECK ASH-1	Ash	0.10	54	17.06	0.250	12.8	162.4	1.94	100.9	0.017	277	2.83	0.607	1.25	<0.1	9.8	0.15	0.40	0.7	<0.02	6.4
1731603	Vegetation	0.04	<2	37.43	0.209	0.7	0.9	0.44	2111.8	0.001	181	0.09	0.066	0.98	<0.1	0.4	<0.02	0.35	0.9	<0.02	0.2
OVEN STD-1	Vegetation	0.16	<2	27.09	3.342	1.6	6.4	2.48	1217.4	0.005	816	0.17	0.396	>10	0.5	2.1	0.03	0.92	0.3	<0.02	1.0
1731604	Vegetation	0.07	<2	37.31	0.391	0.7	1.5	0.59	2978.8	0.002	319	0.11	0.109	1.14	<0.1	0.5	<0.02	0.48	0.2	<0.02	0.4
1731605	Vegetation	0.10	4	35.52	0.625	1.3	2.8	0.85	4500.0	0.004	341	0.17	0.145	1.45	<0.1	0.8	<0.02	0.63	0.8	0.02	0.7
1731606	Vegetation	0.14	3	37.78	0.387	1.2	2.5	0.41	3282.3	0.004	226	0.14	0.116	1.28	<0.1	0.8	<0.02	0.58	0.5	0.03	0.5
1731607	Vegetation	0.36	8	34.94	1.230	3.2	5.5	1.06	542.7	0.008	532	0.28	0.377	2.20	0.2	1.9	0.02	1.23	1.3	0.03	1.0
1731608	Vegetation	0.26	5	34.63	0.749	1.6	3.6	0.99	2865.7	0.006	509	0.18	0.209	2.12	0.1	1.2	<0.02	0.86	1.4	0.04	1.0
1731609	Vegetation	0.05	<2	38.67	0.317	1.0	1.8	0.79	2350.5	0.002	283	0.16	0.082	0.72	<0.1	0.5	<0.02	0.36	0.5	<0.02	0.4
1731610	Vegetation	0.23	6	35.37	0.579	2.0	3.8	0.71	863.9	0.005	351	0.20	0.177	1.37	0.2	1.0	<0.02	0.81	1.1	<0.02	0.9
1731611	Vegetation	0.18	5	36.94	0.592	1.5	3.5	0.78	4668.1	0.005	377	0.18	0.154	1.57	0.2	1.1	<0.02	0.64	0.8	<0.02	0.8
1731612	Vegetation	0.07	<2	38.34	0.319	0.7	2.3	0.57	2290.8	0.003	268	0.13	0.091	1.58	0.1	0.6	<0.02	0.41	0.4	<0.02	0.4
1731613	Vegetation	0.18	4	36.74	0.834	1.5	5.0	1.12	2971.4	0.006	887	0.26	0.245	2.35	0.1	1.4	0.02	0.84	1.2	0.02	0.9
1731614	Vegetation	0.07	3	36.60	0.549	1.4	2.9	0.90	1992.2	0.004	434	0.27	0.186	2.58	<0.1	0.9	<0.02	1.19	1.1	0.08	0.5
1731615	Vegetation	0.12	4	35.61	0.653	1.5	4.1	1.00	2334.6	0.006	598	0.23	0.219	3.23	0.1	1.4	<0.02	0.65	0.7	0.02	0.8
1731616	Vegetation	0.11	4	37.39	0.483	1.6	3.4	0.83	2992.1	0.006	355	0.26	0.181	2.13	0.1	1.1	<0.02	0.55	0.9	<0.02	0.7
1731617 TECK ASH-1	Ash	0.11	54	18.49	0.246	13.4	170.1	2.00	99.2	0.019	344	3.02	0.612	1.30	<0.1	10.2	0.13	0.43	0.6	0.03	6.7
1731618	Vegetation	0.24	10	34.01	1.124	2.7	6.0	0.85	300.5	0.008	380	0.33	0.353	2.14	0.2	1.5	<0.02	1.00	1.5	<0.02	1.1
1731619	Vegetation	0.21	6	35.76	1.002	1.8	4.0	0.97	437.8	0.006	704	0.23	0.270	2.80	0.2	1.4	<0.02	0.92	1.8	0.02	0.9
1731620	Vegetation	0.04	5	36.73	0.282	1.3	2.3	0.30	2472.2	0.004	242	0.13	0.149	1.25	0.1	0.8	<0.02	0.49	1.1	<0.02	0.5
1731621	Vegetation	0.20	8	36.29	0.616	1.8	3.5	0.43	215.7	0.004	244	0.21	0.144	1.53	0.1	1.0	<0.02	1.28	1.2	0.05	0.9
1731622	Vegetation	0.05	<2	39.39	0.225	0.7	1.8	0.47	2201.9	0.002	182	0.18	0.091	0.93	<0.1	0.7	<0.02	0.30	0.4	<0.02	0.4
1731623	Vegetation	0.13	5	37.99	0.571	1.3	3.4	0.64	4438.8	0.004	396	0.22	0.162	1.09	0.1	0.9	<0.02	0.76	0.9	0.03	0.7
1731624	Vegetation	0.08	3	39.71	0.407	0.9	2.4	0.58	4299.1	0.003	306	0.12	0.105	0.92	<0.1	0.6	<0.02	0.70	0.7	<0.02	0.6
1731625	Vegetation	0.06	4	>40	0.630	1.3	3.3	0.65	615.3	0.004	493	0.19	0.211	1.06	0.1	0.9	<0.02	1.28	1.4	0.04	0.8
1731626	Vegetation	0.05	3	39.48	0.405	1.2	2.1	0.43	5469.1	0.004	296	0.15	0.129	1.41	<0.1	0.9	<0.02	0.49	0.7	<0.02	0.5
1731627	Vegetation	0.05	2	39.46	0.534	1.0	2.2	0.70	4022.7	0.004	343	0.14	0.187	1.56	<0.1	0.9	<0.02	0.52	0.7	<0.02	0.4
1731628	Vegetation	0.04	3	>40	0.322	1.0	2.9	0.30	2386.5	0.003	228	0.11	0.123	1.19	<0.1	0.8	<0.02	0.71	0.7	0.05	0.4
1731629	Vegetation	0.02	3	>40	0.352	1.2	3.1	0.49	2269.5	0.004	255	0.14	0.134	0.97	<0.1	1.2	<0.02	1.07	1.1	<0.02	0.5

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731601	Vegetation	1.10	0.1	<0.02	0.15	75.1	0.5	<0.05	1.3	0.86	3.0	0.03	<1	<0.1	14.1	<10	<2
1731602 TECK ASH-1	Ash	1.07	<0.1	0.19	0.03	17.5	0.7	<0.05	6.8	9.49	28.7	0.03	<1	0.6	13.3	<10	3
1731603	Vegetation	0.31	<0.1	<0.02	0.05	27.2	0.2	<0.05	0.5	0.33	1.0	<0.02	3	<0.1	5.7	<10	<2
OVEN STD-1	Vegetation	2.45	<0.1	0.05	0.10	202.6	3.9	<0.05	1.4	0.45	3.6	<0.02	5	0.1	4.0	<10	<2
1731604	Vegetation	0.48	0.1	<0.02	0.08	37.8	0.2	<0.05	0.7	0.39	1.3	<0.02	2	<0.1	6.5	<10	<2
1731605	Vegetation	0.38	<0.1	0.03	0.12	36.5	0.5	<0.05	1.3	0.70	2.5	<0.02	6	<0.1	14.5	<10	<2
1731606	Vegetation	0.37	<0.1	0.04	0.12	33.2	0.5	<0.05	1.1	0.68	2.3	<0.02	7	<0.1	10.9	<10	2
1731607	Vegetation	1.01	<0.1	0.09	0.25	67.9	1.2	<0.05	2.3	1.85	6.4	0.05	6	0.2	66.4	<10	4
1731608	Vegetation	0.78	0.2	0.06	0.18	74.4	0.7	<0.05	1.8	0.81	3.3	0.02	5	<0.1	21.4	<10	3
1731609	Vegetation	0.32	<0.1	<0.02	0.07	22.9	0.2	<0.05	0.6	0.41	1.2	<0.02	2	<0.1	7.9	<10	<2
1731610	Vegetation	0.67	<0.1	0.04	0.14	40.2	0.7	<0.05	1.6	0.95	3.6	0.02	4	0.1	20.2	<10	3
1731611	Vegetation	0.51	<0.1	0.04	0.13	37.4	0.4	<0.05	1.4	0.88	3.2	<0.02	6	<0.1	14.5	<10	3
1731612	Vegetation	0.42	<0.1	<0.02	0.07	45.0	0.3	<0.05	0.8	0.48	1.5	<0.02	6	<0.1	5.7	<10	<2
1731613	Vegetation	2.01	<0.1	0.04	0.19	107.1	0.6	<0.05	1.7	0.79	3.4	<0.02	12	0.1	16.9	<10	4
1731614	Vegetation	1.16	0.1	0.03	0.18	80.9	0.4	<0.05	1.1	0.73	2.8	<0.02	6	<0.1	6.1	<10	5
1731615	Vegetation	1.07	<0.1	0.07	0.22	108.3	0.5	<0.05	1.7	0.84	2.9	0.03	<1	<0.1	14.1	<10	3
1731616	Vegetation	0.74	<0.1	0.04	0.18	77.2	0.5	<0.05	1.5	0.89	2.8	<0.02	1	<0.1	11.3	<10	<2
1731617 TECK ASH-1	Ash	1.10	<0.1	0.31	0.03	20.2	0.9	<0.05	8.1	9.61	30.0	0.02	<1	0.6	12.6	<10	4
1731618	Vegetation	2.10	<0.1	<0.02	0.22	79.3	1.1	<0.05	0.8	1.48	5.7	<0.02	4	0.1	35.1	<10	<2
1731619	Vegetation	1.20	<0.1	<0.02	0.22	117.9	0.8	<0.05	1.4	0.99	3.7	0.03	13	<0.1	17.6	<10	<2
1731620	Vegetation	0.34	0.1	<0.02	0.12	30.1	0.7	<0.05	1.4	0.81	2.6	0.03	5	<0.1	4.9	<10	3
1731621	Vegetation	0.69	0.1	<0.02	0.12	35.9	0.9	<0.05	1.4	1.22	3.9	0.03	4	0.1	9.4	<10	<2
1731622	Vegetation	0.29	<0.1	0.03	0.09	21.1	0.2	<0.05	0.7	0.40	1.4	<0.02	<1	<0.1	3.3	<10	2
1731623	Vegetation	0.69	<0.1	0.04	0.24	45.0	0.6	<0.05	1.5	0.69	2.5	<0.02	2	<0.1	10.7	<10	3
1731624	Vegetation	0.54	0.2	0.03	0.11	34.7	0.4	<0.05	0.9	0.59	1.8	0.02	6	<0.1	4.8	<10	4
1731625	Vegetation	0.65	<0.1	0.07	0.14	46.2	0.6	<0.05	1.4	0.80	2.6	0.02	4	<0.1	7.5	<10	3
1731626	Vegetation	0.57	<0.1	0.04	0.13	43.1	0.3	<0.05	1.1	0.53	2.0	<0.02	<1	<0.1	6.7	<10	3
1731627	Vegetation	0.59	<0.1	0.03	0.12	55.8	0.3	<0.05	0.9	0.48	1.8	<0.02	6	<0.1	9.5	<10	3
1731628	Vegetation	0.43	0.1	0.03	0.12	41.4	0.6	<0.05	1.1	0.58	2.0	0.02	1	<0.1	5.7	<10	3
1731629	Vegetation	0.61	0.2	0.03	0.14	39.2	0.6	<0.05	1.4	0.76	2.3	0.02	1	0.1	7.9	<10	5

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731630	Vegetation	160.00		50.992	1.884	0.49	130.01	47.89	1851.1	420	9.8	4.3	7110	0.12	0.4	<0.1	<0.2	0.2	1267.1	9.74	0.44
1731631	Vegetation	200.00		50.644	2.154	0.67	137.61	44.61	1870.4	449	2.7	1.5	1217	0.10	2.9	<0.1	<0.2	0.1	1780.3	2.54	0.44
1731632	Vegetation	190.00		50.992	2.998	0.20	66.27	12.56	1089.5	98	0.8	1.8	1371	0.05	1.1	<0.1	<0.2	<0.1	1226.0	2.51	0.12
1731633 TECK ASH-2	Ash					0.53	118.75	12.98	2636.1	482	11.1	3.9	>10000	0.12	1.7	<0.1	8.9	0.1	1250.7	4.93	0.29
1731634	Vegetation	200.00		50.829	2.641	0.10	67.39	6.10	1881.4	124	3.4	2.3	5306	0.02	<0.1	<0.1	<0.2	<0.1	936.0	3.29	0.11
1731635	Vegetation	180.00		50.446	1.961	0.26	106.20	19.20	1102.4	179	3.8	1.6	2719	0.08	1.2	<0.1	<0.2	<0.1	1031.2	3.63	0.26
1731636	Vegetation	140.00		50.616	1.079	0.23	139.72	14.22	2372.4	462	10.9	7.7	>10000	0.07	0.9	<0.1	<0.2	<0.1	1455.9	19.16	0.26
1731637	Vegetation	120.00		50.227	0.723	0.84	155.68	42.61	1233.7	1371	13.2	9.2	>10000	0.23	0.9	0.1	<0.2	0.3	825.0	18.66	0.89
1731638	Vegetation	210.00		50.373	2.268	0.11	72.34	9.31	1466.4	296	3.6	3.7	7706	0.05	1.6	<0.1	<0.2	<0.1	1175.0	6.01	0.18
1731639	Vegetation	190.00		50.653	1.296	0.36	147.48	26.27	3779.5	377	10.7	4.8	9094	0.10	0.9	<0.1	<0.2	0.1	1538.6	5.97	0.49
1731640	Vegetation	160.00		50.439	1.071	0.77	186.16	43.50	3005.8	251	7.5	3.7	4556	0.16	1.5	0.1	3.3	0.2	1426.1	10.98	0.56
1731641	Vegetation	200.00		50.293	1.809	0.42	95.44	31.95	1973.6	368	3.5	2.9	5208	0.07	1.1	<0.1	0.2	<0.1	1295.5	9.18	0.32
1731642	Vegetation	240.00		50.726	2.298	0.28	96.46	17.97	1322.9	223	4.1	2.4	2796	0.08	1.0	<0.1	0.7	<0.1	1221.8	3.03	0.30
1731643	Vegetation	160.00		50.625	0.737	0.81	159.47	42.76	2785.2	1268	11.9	7.5	9269	0.18	1.9	0.1	<0.2	0.3	1116.3	8.20	0.60
1731644	Vegetation	180.00		50.364	2.174	0.29	71.56	16.15	831.4	224	4.5	2.6	4174	0.07	0.6	<0.1	<0.2	<0.1	1049.5	3.48	0.21
1731645	Vegetation	210.00		50.206	1.758	0.99	107.97	51.64	1793.2	347	9.0	2.1	3289	0.24	4.5	0.2	3.8	0.4	1218.0	4.59	1.30
1731646	Vegetation	220.00		50.271	1.745	0.56	70.94	28.60	2269.3	153	6.3	1.8	4175	0.17	2.8	0.1	<0.2	0.2	1355.4	4.28	0.60
1731647	Vegetation	170.00		50.124	1.455	0.41	86.13	22.89	1474.7	672	26.3	7.0	>10000	0.13	3.7	<0.1	<0.2	0.1	846.3	16.54	0.54
1731648	Vegetation	170.00		50.359	1.755	0.36	63.07	24.93	1377.5	476	8.6	4.2	9293	0.12	0.8	<0.1	<0.2	0.1	785.2	8.38	0.31
1731649	Vegetation	140.00		50.349	1.659	0.42	106.51	25.85	1845.7	529	16.3	8.9	>10000	0.13	1.7	<0.1	<0.2	0.1	764.5	15.80	0.54
1731650	Vegetation	150.00		50.354	1.572	0.73	100.82	41.01	1164.5	370	12.8	4.5	4735	0.25	4.6	0.2	<0.2	0.3	636.0	6.69	1.01
1731651	Vegetation	240.00		50.855	2.483	0.29	70.99	21.76	1774.7	262	4.4	1.6	1956	0.09	1.7	<0.1	<0.2	0.1	1273.3	2.96	0.41
1731652	Vegetation	110.00		50.625	1.350	0.70	100.79	41.97	1196.5	527	22.6	8.7	>10000	0.27	1.8	0.2	<0.2	0.3	514.6	13.51	0.88
1731653	Vegetation	120.00		50.723	1.180	0.56	108.45	27.04	962.8	860	15.6	6.9	>10000	0.21	0.7	0.1	2.2	0.3	610.7	11.90	0.55
1731654	Vegetation	200.00		50.259	2.103	0.49	113.71	30.51	1941.4	463	8.8	4.7	7410	0.09	0.4	<0.1	<0.2	0.1	1175.4	6.94	0.36
1731655	Vegetation	140.00		50.343	2.082	0.32	68.38	21.73	928.6	299	11.5	5.6	7001	0.09	1.0	<0.1	<0.2	0.1	659.8	8.02	0.29
1731656	Vegetation	160.00		50.899	1.684	0.57	107.80	27.90	1951.5	712	10.3	3.1	6201	0.18	3.8	0.1	<0.2	0.3	668.7	9.25	0.71
1731657	Vegetation	140.00		50.498	1.598	0.91	104.63	45.69	1429.9	679	15.9	7.6	>10000	0.30	2.7	0.2	1.3	0.3	474.9	9.54	1.04
1731658	Vegetation	170.00		50.255	1.274	0.64	87.37	30.90	1307.3	628	19.9	5.9	9504	0.24	4.7	0.1	<0.2	0.3	498.2	8.05	0.70
1731659	Vegetation	120.00		50.405	1.382	0.66	98.34	32.96	1384.2	592	9.6	3.0	7979	0.22	2.0	0.1	0.5	0.3	576.2	4.39	0.78

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Project: EXNA.CA.ON.00013
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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731630	Vegetation	0.24	3	37.17	0.604	1.3	2.6	0.75	3386.9	0.004	248	0.16	0.114	2.90	<0.1	0.8	0.03	0.74	1.0	<0.02	0.6
1731631	Vegetation	0.15	2	36.92	0.418	0.8	2.3	0.45	2819.8	0.002	155	0.09	0.061	1.77	<0.1	0.5	<0.02	0.97	0.5	<0.02	0.4
1731632	Vegetation	0.04	<2	37.71	0.185	<0.5	1.0	0.27	1968.7	0.001	103	0.04	0.067	1.66	<0.1	0.3	<0.02	0.26	0.4	0.04	0.2
1731633 TECK ASH-2	Ash	<0.02	<2	33.87	0.567	1.3	1.4	0.88	5437.2	0.003	290	0.28	0.032	2.63	<0.1	0.6	0.04	0.45	0.4	<0.02	0.5
1731634	Vegetation	0.03	<2	37.23	0.231	<0.5	1.1	0.66	2809.2	<0.001	175	0.09	0.058	1.03	<0.1	0.3	0.03	0.24	0.4	0.03	0.1
1731635	Vegetation	0.09	<2	36.06	0.323	0.6	1.8	0.42	2207.2	0.002	163	0.07	0.100	2.32	<0.1	0.4	<0.02	0.60	0.5	<0.02	0.3
1731636	Vegetation	0.09	<2	36.98	0.550	0.6	2.0	0.83	5443.5	0.002	374	0.09	0.113	1.51	<0.1	0.6	0.02	0.38	0.6	<0.02	0.5
1731637	Vegetation	0.29	6	33.05	1.148	1.8	4.2	0.86	407.6	0.005	301	0.19	0.287	2.96	0.1	1.1	0.04	1.19	1.0	<0.02	0.8
1731638	Vegetation	0.06	<2	37.08	0.241	<0.5	1.3	0.54	3494.2	0.001	158	0.07	0.046	1.11	<0.1	0.3	0.05	0.32	0.5	0.02	0.3
1731639	Vegetation	0.13	3	36.25	0.537	1.1	2.3	0.83	4961.5	0.003	206	0.22	0.087	1.92	<0.1	0.7	0.02	0.57	1.1	<0.02	0.5
1731640	Vegetation	0.17	4	32.40	0.845	1.5	3.0	1.05	3027.3	0.005	292	0.16	0.212	4.94	0.1	1.0	0.03	0.84	0.9	<0.02	0.6
1731641	Vegetation	0.08	<2	35.90	0.441	0.8	2.1	0.77	2533.7	0.003	189	0.09	0.131	3.51	<0.1	0.6	0.03	0.45	0.7	<0.02	0.4
1731642	Vegetation	0.06	<2	37.58	0.292	0.7	1.9	0.42	2605.0	0.002	135	0.07	0.069	1.11	<0.1	0.4	<0.02	0.39	0.6	<0.02	0.3
1731643	Vegetation	0.24	5	34.28	0.921	1.7	5.2	1.14	719.5	0.006	544	0.19	0.213	3.27	0.2	1.2	0.03	0.92	0.8	<0.02	0.8
1731644	Vegetation	0.05	<2	35.39	0.357	0.6	1.8	0.49	3757.2	0.002	157	0.10	0.068	2.96	<0.1	0.5	<0.02	0.42	0.3	<0.02	0.3
1731645	Vegetation	0.41	7	35.38	0.450	2.2	4.8	0.42	2839.0	0.006	147	0.25	0.116	1.30	0.2	1.0	<0.02	0.96	1.2	0.03	1.0
1731646	Vegetation	0.21	5	35.75	0.358	1.5	3.6	0.48	2911.6	0.004	154	0.15	0.090	0.90	<0.1	0.8	<0.02	0.92	0.8	<0.02	0.7
1731647	Vegetation	0.15	4	35.76	0.405	1.0	2.4	0.64	1679.2	0.002	233	0.12	0.066	1.07	<0.1	0.5	0.04	1.31	0.3	<0.02	0.6
1731648	Vegetation	0.11	3	34.97	0.291	1.0	2.0	0.42	4420.4	0.003	157	0.14	0.056	1.55	<0.1	0.5	0.08	0.46	0.4	0.04	0.5
1731649	Vegetation	0.16	3	35.35	0.471	1.2	2.7	0.57	3746.5	0.003	233	0.13	0.098	1.29	0.1	0.7	0.02	0.72	0.7	0.03	0.7
1731650	Vegetation	0.32	7	34.38	0.449	1.8	3.9	0.39	2602.5	0.004	155	0.19	0.133	1.17	0.2	0.9	<0.02	1.01	0.7	<0.02	0.8
1731651	Vegetation	0.10	2	36.44	0.263	0.8	2.0	0.45	3594.2	0.002	108	0.08	0.060	0.61	<0.1	0.4	<0.02	0.40	0.8	<0.02	0.4
1731652	Vegetation	0.31	7	33.92	0.589	2.0	4.6	0.74	2168.0	0.005	167	0.28	0.176	1.21	0.1	1.2	0.05	0.96	0.7	<0.02	1.0
1731653	Vegetation	0.19	5	34.06	0.561	1.5	5.9	0.60	3480.5	0.005	238	0.18	0.227	1.38	0.1	1.0	0.08	0.66	0.6	0.05	0.7
1731654	Vegetation	0.09	3	34.02	0.445	1.0	1.9	0.66	4089.3	0.003	243	0.15	0.106	3.48	<0.1	0.6	0.03	0.43	0.4	<0.02	0.5
1731655	Vegetation	0.07	2	35.11	0.345	0.8	2.3	0.51	2970.9	0.003	174	0.12	0.110	2.59	<0.1	0.6	0.02	0.51	0.3	<0.02	0.3
1731656	Vegetation	0.23	5	33.48	0.444	1.5	3.7	0.55	420.8	0.004	236	0.17	0.120	1.42	0.1	0.8	<0.02	1.69	0.8	<0.02	0.8
1731657	Vegetation	0.37	8	33.37	0.511	2.3	5.2	0.46	3520.3	0.006	217	0.25	0.201	1.36	0.2	1.1	<0.02	0.74	0.8	<0.02	1.1
1731658	Vegetation	0.28	6	33.27	0.457	1.7	4.4	0.64	305.3	0.004	240	0.21	0.119	1.41	0.1	0.8	0.06	2.26	0.8	0.11	0.9
1731659	Vegetation	0.28	6	34.94	0.403	1.7	3.7	0.50	2801.9	0.004	176	0.18	0.151	1.19	0.1	0.8	0.02	0.87	0.8	<0.02	0.7

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Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
1731630	Vegetation	1.26	0.1	0.04	0.10	129.4	0.5	<0.05	1.2	0.63	2.3	0.02	1	0.1	10.0	<10	<2
1731631	Vegetation	0.55	0.1	0.05	0.10	58.1	0.4	<0.05	1.5	0.54	1.7	<0.02	7	<0.1	8.7	<10	<2
1731632	Vegetation	0.42	<0.1	<0.02	0.09	51.0	0.1	<0.05	0.4	0.25	0.8	<0.02	2	<0.1	3.3	<10	<2
1731633 TECK ASH-2	Ash	0.61	0.2	0.03	0.04	70.6	0.1	<0.05	0.6	0.64	1.4	<0.02	1	0.2	0.8	<10	<2
1731634	Vegetation	0.31	<0.1	<0.02	0.03	37.1	<0.1	<0.05	0.2	0.15	0.4	<0.02	4	<0.1	3.2	<10	3
1731635	Vegetation	0.63	0.1	<0.02	0.05	66.6	0.3	<0.05	0.5	0.39	1.2	0.03	2	<0.1	9.0	<10	2
1731636	Vegetation	0.42	<0.1	<0.02	0.08	53.5	0.2	<0.05	0.6	0.36	1.3	<0.02	11	<0.1	9.1	<10	2
1731637	Vegetation	2.01	<0.1	0.03	0.17	108.6	0.7	<0.05	1.4	0.91	3.6	0.04	2	<0.1	36.9	<10	3
1731638	Vegetation	0.49	<0.1	<0.02	0.04	35.8	0.2	<0.05	0.4	0.23	0.7	<0.02	1	<0.1	3.9	<10	3
1731639	Vegetation	1.18	<0.1	0.04	0.11	89.2	0.4	<0.05	1.0	0.65	2.1	<0.02	4	<0.1	8.4	<10	3
1731640	Vegetation	2.65	0.1	0.04	0.16	200.4	0.5	<0.05	1.3	0.83	3.0	<0.02	4	<0.1	22.5	<10	3
1731641	Vegetation	1.35	<0.1	0.03	0.08	132.6	0.2	<0.05	0.7	0.42	1.4	0.02	3	<0.1	7.2	<10	<2
1731642	Vegetation	0.37	0.1	<0.02	0.08	33.6	0.2	<0.05	0.7	0.37	1.3	<0.02	<1	<0.1	7.1	<10	<2
1731643	Vegetation	1.98	<0.1	0.07	0.16	163.1	0.6	<0.05	1.6	0.85	3.3	0.04	15	<0.1	23.2	<10	2
1731644	Vegetation	1.70	<0.1	<0.02	0.08	95.3	0.2	<0.05	0.6	0.35	1.2	<0.02	2	<0.1	6.5	<10	<2
1731645	Vegetation	1.01	0.3	0.06	0.14	51.5	1.4	<0.05	2.1	1.28	4.4	0.03	1	0.1	20.1	<10	<2
1731646	Vegetation	0.70	0.1	0.05	0.10	36.6	0.7	<0.05	1.3	0.84	3.1	0.03	<1	<0.1	16.0	<10	<2
1731647	Vegetation	0.69	<0.1	0.03	0.07	50.2	0.4	<0.05	0.9	0.59	1.9	<0.02	4	<0.1	7.7	<10	2
1731648	Vegetation	1.33	<0.1	0.04	0.08	61.8	0.5	<0.05	0.8	0.53	2.0	0.02	1	<0.1	4.9	<10	4
1731649	Vegetation	1.40	0.1	<0.02	0.10	70.2	0.4	<0.05	1.0	0.62	2.4	0.02	5	<0.1	16.5	<10	3
1731650	Vegetation	1.10	0.2	0.08	0.13	51.9	0.9	<0.05	1.7	1.13	3.7	0.05	5	<0.1	21.2	<10	<2
1731651	Vegetation	0.64	0.1	<0.02	0.08	26.3	0.3	<0.05	0.8	0.52	1.7	<0.02	4	<0.1	9.8	<10	3
1731652	Vegetation	1.42	0.2	0.06	0.14	45.8	1.1	<0.05	1.8	1.07	4.1	0.04	2	0.1	29.5	<10	2
1731653	Vegetation	1.46	<0.1	0.03	0.11	61.8	0.6	<0.05	1.5	0.75	3.0	<0.02	2	<0.1	40.3	<10	4
1731654	Vegetation	1.27	<0.1	0.02	0.10	141.5	0.3	<0.05	0.8	0.57	2.0	<0.02	1	<0.1	10.3	<10	3
1731655	Vegetation	0.70	<0.1	<0.02	0.08	72.8	0.3	<0.05	0.6	0.48	1.5	<0.02	6	<0.1	11.7	<10	<2
1731656	Vegetation	1.09	0.2	0.04	0.11	65.2	0.7	<0.05	1.5	0.82	3.1	0.03	9	<0.1	22.1	<10	<2
1731657	Vegetation	1.80	0.2	0.07	0.12	56.9	1.1	<0.05	2.0	1.33	4.8	0.07	6	<0.1	33.5	<10	3
1731658	Vegetation	1.42	0.1	0.05	0.12	69.3	0.9	<0.05	1.7	1.08	3.6	0.04	11	<0.1	14.8	<10	3
1731659	Vegetation	1.08	<0.1	0.04	0.10	43.7	0.8	<0.05	1.6	0.95	3.3	0.03	3	<0.1	20.9	<10	3

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

		Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
		Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
		Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
		MDL	0.01	0.01	0.001	0.001	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
1731660	Vegetation		140.00		50.193	1.200	0.86	111.89	99.00	2331.5	662	11.5	5.7	9767	0.23	3.9	0.2	<0.2	0.3	728.9	10.31	1.01
1731661	Vegetation		130.00		50.307	1.504	0.32	81.43	16.21	1858.6	261	9.8	4.1	>10000	0.09	0.5	<0.1	0.3	0.1	929.4	5.78	0.34
1731662	Vegetation		130.00		50.539	1.225	1.08	91.84	22.80	1357.3	737	21.9	5.3	6222	0.34	5.4	0.3	<0.2	0.4	658.7	4.23	1.31
1731663	Vegetation		120.00		50.876	1.258	0.59	115.87	12.90	2304.7	703	8.2	1.7	4239	0.17	3.1	0.1	<0.2	0.2	1266.7	2.11	0.70
1731664 TECK ASH-1	Ash						0.79	72.28	9.05	167.3	44	135.5	17.3	1098	2.38	4.4	0.6	4.2	3.9	934.8	0.24	0.16
1731665	Vegetation		100.00		50.344	1.212	0.77	84.26	13.45	1619.2	457	19.5	6.5	>10000	0.25	1.7	0.2	<0.2	0.3	657.8	8.46	1.00
1731666	Vegetation		110.00		50.377	1.435	0.63	77.57	12.15	1295.7	633	21.8	3.6	>10000	0.23	1.6	0.1	<0.2	0.3	460.2	5.35	0.70
1731667	Vegetation		110.00		50.511	1.395	1.06	88.53	21.48	1464.5	705	30.0	6.2	>10000	0.30	4.8	0.2	<0.2	0.4	823.2	5.86	1.25
1731668	Vegetation		150.00		50.904	1.329	0.77	86.41	19.18	1578.5	575	15.7	2.9	>10000	0.23	5.5	0.2	<0.2	0.3	495.9	3.49	0.79
1731669	Vegetation		170.00		50.458	1.385	1.13	193.17	26.25	1809.6	236	19.5	3.2	>10000	0.18	3.0	0.1	1.0	0.2	1706.3	8.74	0.78
1731670	Vegetation		190.00		50.859	2.080	0.81	43.11	9.92	1047.8	144	7.7	1.6	2655	0.22	4.4	0.2	<0.2	0.3	926.7	0.95	1.10
1731671	Vegetation		170.00		50.632	1.735	0.31	104.99	9.94	1347.8	347	8.8	2.9	5288	0.09	2.1	<0.1	<0.2	<0.1	991.6	2.89	0.36
1731672	Vegetation		150.00		50.136	3.528	0.20	31.03	3.91	906.9	129	1.8	1.3	798	0.06	1.3	<0.1	<0.2	<0.1	1193.6	0.55	0.20
1731673	Vegetation		120.00		50.864	0.946	0.89	179.45	23.22	1697.5	994	23.2	11.6	>10000	0.20	3.0	0.2	<0.2	0.2	815.7	15.39	0.90
1731674	Vegetation		150.00		50.308	1.393	0.34	91.99	6.35	918.0	521	16.1	4.6	9085	0.19	3.4	<0.1	0.8	0.1	877.0	6.23	0.38
1731675	Vegetation		170.00		50.732	1.663	0.32	65.29	6.88	1084.2	570	12.2	5.8	>10000	0.13	3.8	<0.1	0.7	0.2	860.9	6.95	0.33
1731676	Vegetation		170.00		50.541	2.325	0.46	72.94	21.18	1026.8	225	7.5	3.0	5623	0.09	1.4	<0.1	0.3	0.1	999.9	2.15	0.42
1731677	Vegetation		160.00		50.677	2.047	0.33	85.22	17.04	1251.9	188	5.5	2.7	7193	0.09	1.5	<0.1	1.4	0.1	1254.3	2.66	0.33
1731678	Vegetation		170.00		50.527	1.786	0.61	70.99	8.53	1314.0	232	15.4	5.3	6469	0.13	4.2	0.1	0.8	0.2	983.1	3.70	0.73
1731679	Vegetation		140.00		50.336	2.062	0.38	60.49	7.36	869.0	388	18.3	4.2	8724	0.12	4.0	<0.1	0.4	0.2	679.4	6.14	0.49
1731680	Vegetation		190.00		50.642	2.843	0.33	52.09	11.10	1420.6	141	5.2	1.3	1313	0.10	3.5	<0.1	0.2	0.1	1444.5	0.74	0.44
1731681	Vegetation		140.00		50.025	1.040	0.79	114.17	8.82	1194.7	1127	14.5	4.8	>10000	0.17	4.3	0.1	0.8	0.2	694.3	8.66	0.86
1731682	Vegetation		170.00		50.205	2.114	0.34	103.78	15.39	1316.5	73	5.4	2.7	5060	0.06	1.4	<0.1	<0.2	<0.1	1025.5	1.52	0.16
1731683	Vegetation		120.00		50.431	1.550	0.81	203.34	17.96	1327.3	177	12.0	3.8	7862	0.09	0.8	<0.1	<0.2	0.2	968.9	2.65	0.46
1731684	Vegetation		210.00		50.216	1.618	0.14	104.19	5.38	1940.6	352	6.9	2.5	6827	0.04	1.0	<0.1	<0.2	<0.1	1400.3	2.35	0.17
1731685	Vegetation		200.00		50.488	2.116	0.31	113.52	11.17	906.3	323	7.1	1.7	5306	0.10	2.1	<0.1	<0.2	0.1	1355.4	2.75	0.31
1731686	Vegetation		180.00		50.309	1.613	0.41	156.84	8.70	2203.7	952	9.5	4.7	9653	0.13	3.3	<0.1	0.3	0.2	1727.3	6.66	0.51
1731687	Vegetation		110.00		50.906	2.180	0.38	85.34	17.04	1154.4	210	7.3	3.3	6725	0.10	0.9	<0.1	0.4	0.2	1189.4	4.24	0.32
1731688	Vegetation		110.00		50.745	2.584	0.37	59.13	15.15	470.5	117	4.5	1.6	5959	0.10	0.6	<0.1	0.3	0.1	1267.2	2.84	0.41
1731689	Vegetation		210.00		50.920	2.393	0.22	70.97	9.99	1247.6	108	5.9	3.1	9003	0.08	0.8	<0.1	0.8	0.1	946.1	5.88	0.25

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Project: EXNA.CA.ON.00013
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CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731660	Vegetation	0.44	7	33.94	0.586	1.9	5.0	0.79	848.5	0.005	270	0.21	0.136	1.75	0.2	0.9	0.07	1.30	1.4	0.11	1.0
1731661	Vegetation	0.09	2	34.95	0.433	0.9	3.3	0.74	4981.8	0.003	266	0.21	0.091	2.39	<0.1	0.5	<0.02	0.43	0.8	<0.02	0.5
1731662	Vegetation	0.43	10	34.95	0.579	2.6	5.4	0.54	2035.0	0.006	240	0.31	0.138	1.02	0.2	1.2	<0.02	1.09	1.7	0.06	1.3
1731663	Vegetation	0.26	5	34.64	0.478	1.4	3.0	0.71	3038.8	0.004	339	0.14	0.120	1.34	0.2	0.8	<0.02	0.84	0.9	0.07	0.7
1731664 TECK ASH-1	Ash	0.12	52	17.71	0.240	12.8	162.0	1.94	94.5	0.017	315	2.85	0.572	1.24	<0.1	9.5	0.14	0.42	0.5	<0.02	6.4
1731665	Vegetation	0.31	7	34.16	0.569	1.9	3.8	0.61	2544.0	0.005	275	0.26	0.129	1.26	0.3	0.9	<0.02	0.91	1.4	0.04	0.9
1731666	Vegetation	0.26	6	35.37	0.540	1.8	3.9	0.63	3555.8	0.004	250	0.22	0.118	1.22	0.2	0.8	<0.02	0.72	1.2	0.05	1.0
1731667	Vegetation	0.35	9	33.91	0.526	2.4	4.7	0.58	195.7	0.005	272	0.31	0.151	1.13	0.2	1.1	<0.02	2.53	1.8	0.11	1.1
1731668	Vegetation	0.31	7	35.05	0.430	1.7	3.9	0.61	289.6	0.004	362	0.22	0.110	1.18	0.2	1.0	<0.02	2.15	0.9	0.04	1.1
1731669	Vegetation	0.22	5	30.70	1.120	1.5	3.2	1.62	1838.4	0.006	542	0.22	0.196	5.01	0.2	1.3	<0.02	1.13	1.5	<0.02	0.9
1731670	Vegetation	0.26	7	35.82	0.307	1.6	4.5	0.30	2622.9	0.004	161	0.19	0.124	0.59	0.1	0.9	<0.02	0.56	1.0	0.13	0.8
1731671	Vegetation	0.09	2	34.94	0.386	0.8	2.1	0.72	3818.2	0.002	195	0.09	0.117	2.31	<0.1	0.4	<0.02	0.73	0.9	<0.02	0.3
1731672	Vegetation	0.05	<2	37.08	0.159	<0.5	1.3	0.30	3521.1	0.001	146	0.04	0.065	0.84	<0.1	0.2	<0.02	0.69	0.7	<0.02	0.3
1731673	Vegetation	0.30	6	32.91	0.764	1.7	3.9	0.98	679.4	0.006	493	0.23	0.194	2.63	0.2	0.9	<0.02	1.00	1.3	<0.02	1.0
1731674	Vegetation	0.12	3	34.41	0.410	1.0	2.5	0.49	815.6	0.002	252	0.10	0.083	1.20	<0.1	0.5	<0.02	1.15	0.6	0.04	0.6
1731675	Vegetation	0.13	3	34.62	0.374	1.0	2.4	0.58	525.7	0.003	231	0.12	0.071	1.27	<0.1	0.6	<0.02	1.29	0.9	<0.02	0.6
1731676	Vegetation	0.11	2	33.78	0.388	0.9	2.3	0.53	3905.1	0.003	263	0.14	0.158	3.24	<0.1	0.7	<0.02	0.60	0.8	<0.02	0.4
1731677	Vegetation	0.09	2	34.37	0.363	0.9	1.7	0.62	4568.0	0.004	347	0.15	0.169	3.09	<0.1	0.7	<0.02	0.66	0.8	<0.02	0.4
1731678	Vegetation	0.17	4	35.65	0.398	1.4	2.9	0.57	858.8	0.003	268	0.21	0.116	1.27	0.1	0.7	<0.02	1.07	0.8	0.06	0.6
1731679	Vegetation	0.15	3	35.52	0.331	0.9	2.4	0.40	252.8	0.003	166	0.13	0.116	0.84	0.1	0.6	<0.02	1.73	1.0	<0.02	0.6
1731680	Vegetation	0.11	3	35.81	0.235	0.9	1.8	0.28	2545.1	0.002	147	0.09	0.113	1.02	<0.1	0.5	<0.02	0.82	0.7	<0.02	0.4
1731681	Vegetation	0.27	5	34.47	0.606	1.5	3.7	0.53	272.3	0.004	392	0.18	0.172	1.62	0.2	0.9	<0.02	1.65	1.9	0.05	0.9
1731682	Vegetation	0.04	<2	34.95	0.471	0.6	1.3	0.78	2544.5	0.003	356	0.15	0.142	4.22	<0.1	0.5	<0.02	0.52	1.0	<0.02	0.3
1731683	Vegetation	0.04	3	31.63	0.718	0.9	2.0	0.88	2655.3	0.004	491	0.16	0.229	7.55	0.1	0.8	<0.02	0.80	0.8	<0.02	0.4
1731684	Vegetation	0.03	<2	35.74	0.393	0.6	1.0	0.95	4937.4	0.002	372	0.18	0.108	1.40	<0.1	0.4	<0.02	0.48	0.9	<0.02	0.3
1731685	Vegetation	0.10	2	35.79	0.471	0.9	1.9	0.44	3735.9	0.003	194	0.11	0.095	1.79	<0.1	0.6	<0.02	0.71	0.8	<0.02	0.4
1731686	Vegetation	0.14	3	35.75	0.690	1.2	2.7	0.77	3548.3	0.004	248	0.19	0.106	1.18	<0.1	0.8	<0.02	0.70	1.3	<0.02	0.8
1731687	Vegetation	0.09	3	34.69	0.487	0.9	2.1	0.49	981.7	0.004	319	0.15	0.179	2.59	<0.1	0.8	<0.02	0.94	1.0	<0.02	0.5
1731688	Vegetation	0.08	3	35.14	0.441	0.8	1.8	0.54	3152.4	0.004	193	0.13	0.110	1.55	<0.1	0.7	<0.02	0.65	0.7	<0.02	0.4
1731689	Vegetation	0.06	2	36.05	0.328	0.8	1.9	0.45	3170.6	0.003	177	0.12	0.101	1.98	<0.1	0.6	<0.02	0.40	0.7	<0.02	0.5

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731660	Vegetation	1.12	<0.1	0.06	0.14	69.7	1.1	<0.05	1.9	1.10	3.8	0.04	5	<0.1	16.4	<10	3
1731661	Vegetation	0.90	<0.1	<0.02	0.08	59.4	0.3	<0.05	0.8	0.52	1.7	<0.02	1	<0.1	8.5	<10	<2
1731662	Vegetation	0.63	0.4	0.09	0.15	38.0	1.3	<0.05	2.2	1.49	5.3	0.04	1	0.1	13.9	<10	<2
1731663	Vegetation	0.94	0.2	0.05	0.12	70.9	0.9	<0.05	1.3	0.86	2.9	0.02	9	<0.1	12.3	<10	<2
1731664 TECK ASH-1	Ash	1.03	<0.1	0.19	0.02	19.7	0.7	<0.05	6.8	9.30	28.6	0.03	<1	0.6	12.4	<10	5
1731665	Vegetation	0.94	<0.1	0.06	0.13	54.0	1.1	<0.05	1.6	1.00	3.8	0.03	8	<0.1	10.1	<10	3
1731666	Vegetation	0.64	<0.1	0.05	0.17	48.1	0.7	<0.05	1.4	1.03	3.5	0.03	<1	<0.1	10.0	<10	3
1731667	Vegetation	0.67	0.1	0.08	0.18	51.4	1.2	<0.05	2.2	1.71	5.1	0.04	4	0.2	17.8	<10	6
1731668	Vegetation	0.76	0.1	0.05	0.16	50.5	1.0	<0.05	1.8	1.15	3.7	0.04	14	0.1	10.6	<10	2
1731669	Vegetation	3.89	0.2	0.04	0.17	231.0	0.9	<0.05	1.4	0.91	3.0	<0.02	8	0.2	16.6	<10	<2
1731670	Vegetation	0.33	<0.1	0.05	0.12	18.6	1.1	<0.05	1.6	0.99	3.4	0.02	1	<0.1	13.4	<10	3
1731671	Vegetation	0.75	<0.1	<0.02	0.07	75.0	0.3	<0.05	0.7	0.49	1.6	<0.02	2	<0.1	5.8	<10	<2
1731672	Vegetation	0.26	0.2	<0.02	0.06	26.8	0.2	<0.05	0.4	0.38	0.9	<0.02	5	<0.1	2.7	<10	<2
1731673	Vegetation	1.19	0.1	0.04	0.17	92.3	0.8	<0.05	1.6	0.95	3.4	0.04	14	0.1	10.8	<10	<2
1731674	Vegetation	0.40	0.1	0.03	0.09	40.6	0.5	<0.05	0.8	0.55	1.8	0.02	5	<0.1	4.6	<10	<2
1731675	Vegetation	0.56	<0.1	0.02	0.07	42.1	0.4	<0.05	0.9	0.60	1.9	<0.02	7	<0.1	3.9	<10	3
1731676	Vegetation	0.98	<0.1	<0.02	0.11	92.9	0.4	<0.05	0.8	0.51	1.7	<0.02	1	<0.1	11.0	<10	3
1731677	Vegetation	0.56	<0.1	0.02	0.11	78.9	0.4	<0.05	0.8	0.59	1.6	<0.02	4	<0.1	4.5	<10	<2
1731678	Vegetation	0.49	0.2	0.06	0.11	45.2	0.7	<0.05	1.4	0.86	2.5	0.03	5	<0.1	8.1	<10	2
1731679	Vegetation	0.42	<0.1	0.02	0.08	33.1	0.5	<0.05	1.0	0.61	1.9	<0.02	6	<0.1	11.6	<10	<2
1731680	Vegetation	0.27	0.2	0.04	0.08	30.0	0.4	<0.05	0.7	0.59	1.9	<0.02	2	<0.1	5.0	<10	<2
1731681	Vegetation	0.44	<0.1	<0.02	0.13	56.8	0.8	<0.05	1.5	0.87	2.9	0.05	4	<0.1	11.6	<10	<2
1731682	Vegetation	0.31	<0.1	<0.02	0.06	74.9	0.2	<0.05	0.6	0.33	1.1	<0.02	1	<0.1	3.7	<10	2
1731683	Vegetation	0.76	<0.1	0.03	0.14	165.5	0.3	<0.05	0.8	0.53	1.8	<0.02	2	<0.1	9.7	<10	3
1731684	Vegetation	0.64	<0.1	<0.02	0.04	60.8	0.1	<0.05	0.4	0.27	0.8	<0.02	1	<0.1	4.5	<10	3
1731685	Vegetation	0.38	0.2	0.03	0.11	56.3	0.4	<0.05	0.8	0.47	1.5	<0.02	1	<0.1	2.6	<10	<2
1731686	Vegetation	0.42	0.1	0.04	0.11	40.7	0.5	<0.05	1.2	0.69	2.4	<0.02	1	<0.1	6.2	<10	3
1731687	Vegetation	0.17	<0.1	0.03	0.13	49.4	0.3	<0.05	1.0	0.53	1.7	<0.02	<1	<0.1	5.4	<10	<2
1731688	Vegetation	0.53	0.1	0.02	0.09	48.1	0.2	<0.05	0.9	0.43	2.3	<0.02	1	<0.1	4.9	<10	<2
1731689	Vegetation	0.32	<0.1	0.03	0.08	41.8	0.3	<0.05	0.8	0.42	1.5	<0.02	1	<0.1	4.7	<10	<2

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Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731690	Vegetation	150.00		50.265	1.963	0.44	60.85	13.75	1158.8	300	6.9	3.0	6676	0.15	1.8	<0.1	<0.2	0.1	748.5	2.63	0.54
1731691	Vegetation	270.00		50.998	2.311	0.23	81.73	8.20	1292.3	338	3.4	1.1	1940	0.09	2.5	<0.1	0.4	<0.1	839.6	0.47	0.20
1731692	Vegetation	180.00		50.952	2.298	0.26	64.89	11.62	1073.0	125	3.6	2.0	5070	0.08	0.8	<0.1	<0.2	<0.1	862.1	5.28	0.25
OVEN STD-1	Vegetation			20.208	0.548	1.40	38.92	9.84	1359.4	873	10.9	0.9	>10000	0.13	2.8	1.9	0.4	0.8	538.4	0.73	0.36
1731693 TECK ASH-2	Ash					0.59	117.82	12.04	2463.9	472	12.3	3.7	>10000	0.11	1.4	<0.1	7.8	0.1	1176.2	4.80	0.24
1731694	Vegetation	160.00		50.717	1.976	0.46	87.22	14.70	1159.1	264	5.8	2.8	7617	0.12	1.5	<0.1	<0.2	0.1	874.0	6.39	0.45
1731695	Vegetation	150.00		50.687	0.659	0.90	152.28	46.56	1701.0	681	17.0	3.0	8218	0.29	1.4	0.2	<0.2	0.4	446.3	4.57	0.98
1731696	Vegetation	130.00		50.686	0.971	0.89	146.07	58.96	2445.5	576	26.2	5.8	>10000	0.28	2.9	0.2	0.3	0.3	514.6	11.24	1.09
1731697	Vegetation	180.00		50.489	1.556	0.28	122.08	10.27	1250.4	394	20.5	6.2	>10000	0.08	1.0	<0.1	<0.2	0.1	538.2	12.36	0.32
1731698	Vegetation	220.00		50.354	2.946	0.14	82.68	8.67	1165.7	138	5.7	3.1	3962	0.05	0.1	<0.1	<0.2	<0.1	1186.9	4.11	0.17
1731699	Vegetation	180.00		50.359	2.364	0.17	109.24	7.27	2197.7	242	6.2	2.7	4032	0.06	1.3	<0.1	<0.2	<0.1	979.4	5.20	0.21
1731700	Vegetation	130.00		50.976	1.538	0.54	128.40	18.10	1970.6	1008	13.2	2.0	5977	0.14	1.0	0.1	<0.2	0.2	1600.8	9.05	0.64
1731701	Vegetation	220.00		50.413	1.541	0.21	181.48	3.99	3152.3	196	6.0	3.4	5136	0.05	0.2	<0.1	<0.2	<0.1	1216.1	15.67	0.25
1731702 TECK ASH-1	Ash					0.77	75.18	9.02	174.1	40	137.5	16.4	1135	2.23	3.8	0.6	2.8	3.9	964.2	0.20	0.16
1731703	Vegetation	120.00		50.495	0.827	0.63	202.00	19.08	1897.4	1647	27.3	5.7	>10000	0.20	0.7	0.2	0.5	0.3	581.0	12.46	0.75
1731704	Vegetation	220.00		50.655	1.754	0.25	161.07	3.60	1192.0	144	6.3	1.6	3336	0.03	0.5	<0.1	<0.2	<0.1	598.3	3.55	0.16
1731705	Vegetation	180.00		50.773	1.989	0.23	85.06	10.31	764.6	537	9.8	3.5	7100	0.09	0.4	<0.1	<0.2	0.1	383.9	7.83	0.24
1731706	Vegetation	150.00		50.047	1.602	0.70	133.92	30.83	2596.0	406	12.9	3.9	5578	0.17	1.1	0.1	0.6	0.3	1718.6	4.73	0.85
1731707	Vegetation	210.00		50.157	1.995	0.40	177.42	9.40	2691.3	318	3.5	1.1	1415	0.05	0.3	<0.1	<0.2	<0.1	2223.7	1.14	0.17
1731708	Vegetation	180.00		50.854	1.731	0.21	119.84	7.17	3045.6	214	7.5	6.5	8413	0.05	<0.1	<0.1	<0.2	<0.1	1414.2	6.77	0.26
1731709	Vegetation	110.00		50.407	0.784	0.57	113.05	14.93	2304.3	571	31.4	6.6	>10000	0.18	0.6	0.1	<0.2	0.4	562.4	12.54	0.49
1731710	Vegetation	140.00		50.259	0.820	0.68	164.88	28.45	1375.4	1409	18.5	4.3	7960	0.24	1.4	0.2	1.7	0.4	500.9	7.99	0.71
1731711	Vegetation	160.00		50.653	1.346	0.44	100.88	17.28	1344.8	307	9.2	2.0	5915	0.17	2.3	<0.1	1.3	0.2	763.0	3.84	0.48
1731712	Vegetation	120.00		50.218	0.935	0.96	132.31	59.38	2818.5	698	10.8	2.4	>10000	0.24	2.2	0.2	2.0	0.4	1167.6	5.44	1.06
1731713	Vegetation	120.00		50.346	0.674	1.33	193.46	34.98	2529.7	898	16.3	5.5	>10000	0.30	2.2	0.2	2.0	0.5	751.7	7.30	1.42
1731714	Vegetation	190.00		50.535	1.081	0.45	101.64	23.76	865.7	487	19.6	4.0	>10000	0.16	4.0	0.1	1.9	0.2	419.5	10.01	0.56
1731715	Vegetation	130.00		50.707	0.816	0.49	200.70	16.65	1989.0	1517	42.5	12.4	>10000	0.15	1.2	0.1	2.5	0.2	1031.1	39.48	0.60
1731716	Vegetation	130.00		50.682	2.103	0.30	96.11	14.28	1308.6	712	11.9	4.3	9174	0.11	1.0	<0.1	1.6	0.2	956.3	5.39	0.42
1731717 TECK ASH-1	Ash					0.79	75.32	8.92	165.3	41	136.1	19.2	1118	2.37	3.5	0.6	7.1	3.9	944.8	0.21	0.14
1731718	Vegetation	110.00		50.057	1.786	0.73	91.56	21.24	1992.7	341	17.4	3.7	6445	0.20	0.7	0.2	1.3	0.4	938.3	3.77	0.86

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Project: EXNA.CA.ON.00013
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CERTIFICATE OF ANALYSIS TIM14000011.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731690	Vegetation	0.15	4	36.73	0.438	1.3	2.2	0.33	3727.0	0.004	183	0.14	0.131	1.16	0.1	0.7	<0.02	0.64	0.8	<0.02	0.5
1731691	Vegetation	0.08	<2	36.92	0.303	0.8	1.5	0.27	622.1	0.002	234	0.07	0.142	2.09	<0.1	0.5	<0.02	1.09	0.9	<0.02	0.4
1731692	Vegetation	0.06	<2	34.42	0.325	0.8	1.2	0.59	3115.4	0.002	151	0.12	0.066	2.82	<0.1	0.4	0.15	0.45	0.7	<0.02	0.4
OVEN STD-1	Vegetation	0.15	<2	25.02	3.139	1.5	4.6	2.29	1118.4	0.004	566	0.15	0.328	9.85	0.4	1.9	<0.02	0.97	0.3	<0.02	0.7
1731693 TECK ASH-2	Ash	0.03	<2	32.51	0.531	1.2	1.6	0.84	4904.5	0.003	262	0.27	0.034	2.56	<0.1	0.5	0.04	0.44	0.6	<0.02	0.4
1731694	Vegetation	0.10	3	33.83	0.437	1.0	1.7	0.60	1722.5	0.003	172	0.15	0.133	2.61	0.1	0.5	0.08	0.53	0.7	<0.02	0.4
1731695	Vegetation	0.37	8	32.24	0.928	2.4	7.1	1.06	2145.0	0.007	486	0.27	0.220	3.16	0.2	1.3	0.04	1.07	1.1	<0.02	1.1
1731696	Vegetation	0.47	8	31.84	0.880	2.6	5.1	0.93	2721.4	0.007	322	0.30	0.192	2.21	0.2	1.1	0.04	1.05	1.1	0.02	1.4
1731697	Vegetation	0.14	2	21.58	0.458	1.0	1.7	0.60	3436.4	0.002	225	0.14	0.127	1.22	<0.1	0.4	0.23	0.53	0.8	<0.02	0.5
1731698	Vegetation	0.07	<2	30.79	0.274	0.9	1.0	0.34	3001.3	0.001	105	0.13	0.043	1.07	<0.1	0.3	0.09	0.34	0.5	<0.02	0.2
1731699	Vegetation	0.07	<2	26.21	0.303	0.7	1.4	0.53	3018.5	0.002	136	0.08	0.050	1.27	<0.1	0.4	0.06	0.32	0.7	<0.02	0.3
1731700	Vegetation	0.19	4	34.42	0.578	1.5	2.7	0.57	2978.0	0.004	190	0.14	0.098	1.36	0.1	0.6	<0.02	0.66	1.1	<0.02	0.7
1731701	Vegetation	0.03	<2	35.74	0.390	0.7	1.5	0.86	2747.9	0.002	259	0.10	0.066	1.46	<0.1	0.4	<0.02	0.29	0.5	<0.02	0.3
1731702 TECK ASH-1	Ash	0.12	48	18.74	0.248	13.4	162.4	1.92	102.3	0.018	314	2.86	0.594	1.25	<0.1	9.7	0.12	0.44	0.7	<0.02	6.5
1731703	Vegetation	0.21	5	32.12	1.007	2.0	3.6	1.00	2413.9	0.005	333	0.20	0.149	2.81	<0.1	1.0	0.33	0.90	1.1	<0.02	1.0
1731704	Vegetation	0.03	<2	21.64	0.362	<0.5	0.9	0.58	1855.3	<0.001	138	0.05	0.055	3.59	<0.1	0.2	0.09	0.32	0.3	<0.02	0.1
1731705	Vegetation	0.17	2	17.97	0.364	0.9	1.2	0.39	2402.2	0.002	162	0.09	0.055	0.97	<0.1	0.3	0.14	0.35	0.2	<0.02	0.5
1731706	Vegetation	0.20	4	35.33	0.548	1.8	3.2	0.84	3406.6	0.005	267	0.18	0.106	2.23	0.1	1.0	<0.02	0.60	0.5	<0.02	0.8
1731707	Vegetation	<0.02	<2	33.34	0.409	<0.5	1.0	0.55	2653.2	0.002	324	0.04	0.089	6.61	<0.1	0.3	<0.02	0.33	0.4	<0.02	0.2
1731708	Vegetation	0.02	<2	36.40	0.382	0.7	1.1	0.97	4434.0	0.002	272	0.27	0.065	2.05	<0.1	0.4	0.04	0.37	0.6	<0.02	0.4
1731709	Vegetation	0.24	4	23.91	0.678	1.9	3.2	0.89	3903.4	0.005	349	0.24	0.114	1.37	0.2	0.8	0.16	0.57	0.6	<0.02	0.9
1731710	Vegetation	0.34	5	19.63	0.724	2.0	4.0	0.87	2394.4	0.005	348	0.22	0.167	2.14	0.1	1.0	0.20	1.04	0.7	0.03	0.9
1731711	Vegetation	0.17	4	36.82	0.443	1.3	2.8	0.63	2357.2	0.003	243	0.12	0.064	1.37	<0.1	0.7	<0.02	0.88	0.6	<0.02	0.6
1731712	Vegetation	0.45	6	34.38	0.821	2.2	5.3	0.85	3057.8	0.006	363	0.24	0.127	1.86	0.2	1.2	<0.02	0.71	1.2	<0.02	1.1
1731713	Vegetation	0.51	7	33.11	1.263	2.6	6.0	0.97	2928.0	0.008	604	0.32	0.190	2.46	0.2	1.5	<0.02	1.03	1.8	0.04	1.5
1731714	Vegetation	0.29	4	30.03	0.480	1.5	2.5	0.53	4236.5	0.003	176	0.19	0.062	1.18	<0.1	0.6	0.12	0.62	0.6	0.04	0.7
1731715	Vegetation	0.19	3	33.37	0.889	1.4	3.2	1.01	4224.1	0.004	511	0.22	0.127	1.96	0.1	0.8	0.97	0.72	0.5	0.03	1.2
1731716	Vegetation	0.07	<2	36.42	0.344	1.3	2.3	0.55	2269.3	0.003	144	0.22	0.079	1.39	0.1	0.6	0.02	0.39	0.3	<0.02	0.4
1731717 TECK ASH-1	Ash	0.11	50	17.82	0.238	12.5	162.3	1.96	95.8	0.019	289	2.77	0.596	1.32	<0.1	9.5	0.14	0.41	0.4	<0.02	6.2
1731718	Vegetation	0.21	4	36.45	0.499	2.3	4.1	0.82	2238.6	0.006	219	0.32	0.109	1.53	0.1	1.0	<0.02	0.52	0.7	<0.02	0.9

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731690	Vegetation	0.27	0.2	0.03	0.14	31.6	0.5	<0.05	1.1	0.73	2.5	0.03	2	<0.1	9.6	<10	<2
1731691	Vegetation	0.13	0.1	<0.02	0.04	43.3	0.3	<0.05	0.6	0.49	1.4	<0.02	2	<0.1	2.7	<10	<2
1731692	Vegetation	1.22	0.2	<0.02	0.07	108.2	0.2	<0.05	0.6	0.39	1.4	<0.02	1	<0.1	3.9	<10	5
OVEN STD-1	Vegetation	2.43	<0.1	0.02	0.09	201.2	3.7	<0.05	0.8	0.41	3.2	<0.02	2	<0.1	3.4	<10	<2
1731693 TECK ASH-2	Ash	0.58	0.1	<0.02	0.05	67.2	0.1	<0.05	0.7	0.60	1.3	<0.02	1	<0.1	0.8	<10	5
1731694	Vegetation	1.14	0.1	0.03	0.07	89.2	0.4	<0.05	0.9	0.54	1.7	0.02	1	<0.1	10.4	<10	<2
1731695	Vegetation	1.30	0.1	0.05	0.15	94.1	1.1	<0.05	1.8	1.27	4.6	0.06	16	<0.1	12.3	<10	3
1731696	Vegetation	1.37	0.1	0.06	0.18	73.4	1.2	<0.05	1.9	1.35	5.0	0.04	7	0.1	13.4	<10	2
1731697	Vegetation	0.76	<0.1	0.02	0.05	49.8	0.3	<0.05	0.3	0.62	2.1	<0.02	4	<0.1	12.8	<10	3
1731698	Vegetation	0.25	<0.1	<0.02	0.04	29.6	0.1	<0.05	0.2	0.36	1.1	<0.02	4	<0.1	2.4	<10	<2
1731699	Vegetation	0.25	<0.1	<0.02	<0.02	34.4	0.2	<0.05	0.2	0.42	1.2	<0.02	<1	<0.1	3.3	<10	3
1731700	Vegetation	0.49	<0.1	0.03	0.11	46.2	0.6	<0.05	1.2	0.85	3.0	0.03	13	<0.1	7.3	<10	4
1731701	Vegetation	0.54	<0.1	0.03	0.05	45.8	0.2	<0.05	0.5	0.29	0.9	<0.02	1	<0.1	3.6	<10	2
1731702 TECK ASH-1	Ash	1.06	0.2	0.21	<0.02	19.5	0.7	<0.05	6.2	9.81	29.7	0.03	<1	0.5	12.5	<10	<2
1731703	Vegetation	1.16	0.2	0.07	0.13	108.5	0.7	<0.05	1.4	1.06	3.8	<0.02	3	<0.1	9.8	<10	2
1731704	Vegetation	0.75	0.2	<0.02	<0.02	144.4	0.1	<0.05	0.2	0.20	0.8	<0.02	<1	<0.1	4.2	<10	5
1731705	Vegetation	0.62	<0.1	0.02	0.05	38.3	0.3	<0.05	0.4	0.50	1.7	0.03	1	<0.1	3.1	<10	<2
1731706	Vegetation	1.08	0.2	0.05	0.18	98.4	0.6	<0.05	1.7	1.02	3.4	0.04	2	<0.1	10.9	<10	5
1731707	Vegetation	0.90	0.1	<0.02	0.06	200.1	0.1	<0.05	0.5	0.31	0.8	<0.02	4	<0.1	4.2	<10	<2
1731708	Vegetation	0.68	<0.1	<0.02	0.06	69.9	0.1	<0.05	0.6	0.41	1.1	<0.02	4	<0.1	6.7	<10	<2
1731709	Vegetation	2.61	0.1	0.03	0.07	76.4	0.6	<0.05	1.2	1.10	4.3	<0.02	2	<0.1	13.2	<10	<2
1731710	Vegetation	1.59	<0.1	0.03	0.09	76.9	0.9	<0.05	1.0	1.01	4.0	0.03	15	<0.1	18.0	<10	3
1731711	Vegetation	0.48	<0.1	0.04	0.12	47.2	0.6	<0.05	1.3	0.80	2.8	<0.02	7	<0.1	3.0	<10	<2
1731712	Vegetation	0.96	0.2	0.04	0.18	81.1	1.2	<0.05	1.9	1.13	4.3	0.06	6	<0.1	11.8	<10	<2
1731713	Vegetation	1.50	0.2	0.05	0.22	112.1	1.4	<0.05	2.4	1.35	5.4	0.05	9	<0.1	17.6	<10	4
1731714	Vegetation	0.99	<0.1	0.03	0.06	49.0	0.6	<0.05	0.9	0.86	2.9	0.03	3	<0.1	3.4	<10	2
1731715	Vegetation	3.44	<0.1	0.04	0.15	134.4	0.7	<0.05	1.4	0.76	2.8	<0.02	3	<0.1	14.2	<10	2
1731716	Vegetation	0.76	<0.1	0.03	0.10	39.7	0.3	<0.05	0.8	0.59	1.9	<0.02	<1	<0.1	7.3	<10	<2
1731717 TECK ASH-1	Ash	1.04	<0.1	0.17	0.02	18.9	0.8	<0.05	6.1	9.17	27.9	0.04	2	0.6	12.9	<10	5
1731718	Vegetation	0.82	<0.1	0.05	0.17	45.3	0.8	<0.05	2.1	1.19	4.1	<0.02	4	0.1	11.8	<10	2

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
1731719	Vegetation	160.00		50.085	1.175	1.27	91.91	41.19	1053.0	741	27.4	6.8	9041	0.45	7.8	0.3	1.7	0.5	909.5	6.46	1.17
1731720	Vegetation	130.00		50.874	1.196	0.78	111.43	34.65	669.1	618	15.5	4.0	8537	0.28	7.0	0.2	1.9	0.3	677.2	10.55	0.83
1731721	Vegetation	180.00		50.845	1.193	0.44	88.55	16.86	866.9	926	20.9	7.1	>10000	0.14	2.6	<0.1	1.1	0.1	940.3	16.05	0.46
1731722	Vegetation	100.00		50.582	2.238	0.34	89.08	21.92	1344.7	189	8.6	2.8	>10000	0.07	<0.1	<0.1	1.2	0.1	980.3	7.56	0.24
1731723	Vegetation	120.00		50.125	1.674	0.20	60.41	10.11	970.4	545	21.7	6.3	>10000	0.08	1.4	<0.1	1.7	<0.1	1067.9	15.08	0.30
1731724	Vegetation	130.00		50.326	3.002	0.15	55.97	6.98	688.5	141	6.0	2.7	7405	0.04	0.4	<0.1	1.3	<0.1	971.5	6.11	0.14
1731725	Vegetation	210.00		50.883	2.183	0.15	64.34	5.51	1302.4	121	4.4	3.3	9628	0.03	0.6	<0.1	1.6	<0.1	1426.8	4.50	0.09
1731726	Vegetation	140.00		50.507	2.721	0.27	71.18	16.45	938.0	380	4.7	2.0	7006	0.06	<0.1	<0.1	0.8	<0.1	1682.6	4.56	0.22
1731727	Vegetation	160.00		50.611	1.727	0.43	210.58	11.76	1907.3	507	13.1	2.4	3429	0.08	0.4	<0.1	1.5	0.1	1244.0	2.95	0.29
1731728	Vegetation	250.00		50.051	1.917	0.27	148.66	18.81	1707.7	272	2.6	2.2	1941	0.06	1.0	<0.1	0.9	0.1	1591.1	3.33	0.25
1731729	Vegetation	250.00		50.511	2.624	0.26	76.42	16.22	868.6	157	8.1	3.0	6077	0.10	0.9	<0.1	1.1	<0.1	1083.8	6.08	0.24
1731730	Vegetation	140.00		50.295	1.646	0.46	71.04	21.39	1059.7	305	7.3	3.5	6110	0.17	1.8	0.1	1.6	0.2	1415.1	5.79	0.55
1731731	Vegetation	130.00		50.845	1.664	0.71	101.54	38.21	958.5	478	7.3	2.0	2662	0.26	1.2	0.2	0.8	0.4	1099.7	2.24	0.92
1731732	Vegetation	160.00		50.825	1.233	1.00	105.30	46.32	1015.1	280	12.0	2.8	3491	0.42	3.3	0.3	1.6	0.7	480.9	7.92	1.73
1731733 TECK ASH-2	Ash					0.62	130.40	13.47	2946.6	533	13.4	4.2	>10000	0.12	0.7	<0.1	4.4	0.1	1329.1	5.20	0.26
1731734	Vegetation	160.00		50.207	1.875	0.47	65.04	21.61	1170.9	241	20.6	5.0	7523	0.19	0.2	0.1	1.3	0.3	377.5	7.38	0.52
1731735	Vegetation	140.00		50.465	1.487	0.63	81.54	24.29	1051.0	346	15.2	6.5	>10000	0.26	2.3	0.2	1.6	0.3	733.6	8.28	0.77
1731736	Vegetation	230.00		50.711	2.112	0.43	81.33	16.33	3222.1	357	5.3	2.2	3352	0.13	2.0	0.1	2.2	0.2	862.2	5.26	0.62
1731737	Vegetation	190.00		50.281	2.050	0.60	82.80	34.90	1899.8	654	6.2	2.0	1798	0.20	2.5	0.2	1.6	0.4	870.0	3.86	0.75
1731738	Vegetation	120.00		50.026	2.284	0.33	45.07	12.75	689.2	175	10.3	2.6	4087	0.12	0.3	<0.1	1.0	0.2	622.8	2.98	0.35
1731739	Vegetation	150.00		50.676	1.281	0.64	113.06	32.89	1802.2	459	26.9	5.6	6544	0.23	1.0	0.2	2.0	0.3	569.0	7.54	0.58
1731740	Vegetation	150.00		50.293	2.081	0.31	46.78	14.26	1185.4	194	9.2	5.7	8325	0.14	1.3	<0.1	1.4	0.2	786.5	8.07	0.42
1731741	Vegetation	170.00		50.844	1.711	0.44	88.84	20.53	893.5	658	16.5	6.0	>10000	0.12	2.1	<0.1	1.6	0.2	640.4	14.03	0.43
1731742	Vegetation	160.00		50.904	1.199	0.90	152.74	45.37	1798.7	587	32.9	17.1	>10000	0.20	3.9	0.1	2.2	0.3	878.6	16.23	0.98
1731743	Vegetation	160.00		50.276	1.732	0.41	102.64	34.58	978.7	296	7.9	4.4	4529	0.11	0.6	<0.1	0.5	0.1	1005.1	4.03	0.46
1731744	Vegetation	200.00		50.125	2.136	0.68	78.41	33.31	1364.9	498	12.7	4.2	>10000	0.15	1.9	<0.1	<0.2	0.2	603.5	10.68	0.67
1731745	Vegetation	120.00		50.011	2.530	0.39	79.45	34.70	1239.4	350	12.8	5.3	9209	0.09	0.5	<0.1	<0.2	0.1	714.5	5.57	0.40
1731746	Vegetation	180.00		50.689	2.391	0.36	77.96	20.00	1264.6	266	9.8	2.9	7773	0.07	<0.1	<0.1	<0.2	0.1	655.3	4.82	0.26
1731747	Vegetation	150.00		50.789	3.041	0.33	71.70	30.23	1129.3	198	6.8	2.3	4432	0.07	<0.1	<0.1	1.1	<0.1	1075.7	6.05	0.30
1731748	Vegetation	70.00		50.146	0.799	1.43	133.56	28.04	937.3	1412	21.8	4.8	>10000	0.48	1.5	0.2	<0.2	0.7	509.1	8.66	1.61

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731719	Vegetation	0.48	11	33.40	0.584	3.0	5.7	0.56	107.8	0.007	265	0.35	0.121	1.62	0.2	1.2	<0.02	2.61	0.9	0.02	1.4
1731720	Vegetation	0.43	6	33.23	0.547	2.1	3.7	0.44	217.0	0.005	218	0.22	0.094	1.62	0.1	0.9	0.17	2.04	0.4	0.02	1.1
1731721	Vegetation	0.15	3	36.31	0.529	1.1	2.8	0.62	865.3	0.003	226	0.13	0.081	1.44	0.1	0.6	<0.02	0.86	0.6	<0.02	0.7
1731722	Vegetation	0.05	<2	35.10	0.362	0.7	1.3	0.71	2457.6	0.002	222	0.15	0.070	2.86	<0.1	0.5	<0.02	0.46	0.2	<0.02	0.4
1731723	Vegetation	0.07	<2	37.06	0.358	0.6	1.4	0.48	944.6	0.002	209	0.14	0.060	1.19	<0.1	0.4	<0.02	0.76	<0.1	<0.02	0.5
1731724	Vegetation	0.02	<2	37.45	0.229	<0.5	0.9	0.38	3012.7	0.001	180	0.06	0.033	1.59	<0.1	0.2	<0.02	0.44	0.4	<0.02	0.2
1731725	Vegetation	<0.02	<2	37.67	0.245	<0.5	0.9	0.72	4586.6	<0.001	282	0.14	0.034	1.64	<0.1	0.2	<0.02	0.57	0.5	<0.02	0.3
1731726	Vegetation	0.06	<2	37.66	0.353	0.6	1.0	0.40	2809.2	0.002	161	0.09	0.098	2.01	<0.1	0.4	<0.02	0.56	0.9	<0.02	0.3
1731727	Vegetation	0.04	<2	35.48	0.688	0.8	1.7	1.00	2716.9	0.003	253	0.09	0.150	3.76	0.1	0.7	<0.02	0.73	0.8	<0.02	0.3
1731728	Vegetation	0.04	<2	37.22	0.434	0.7	3.2	0.69	2704.3	0.002	218	0.07	0.137	2.90	<0.1	0.6	<0.02	0.60	0.2	<0.02	0.3
1731729	Vegetation	0.07	<2	37.17	0.272	0.9	3.0	0.36	3226.0	0.003	119	0.15	0.064	1.86	<0.1	0.5	<0.02	0.54	0.7	<0.02	0.5
1731730	Vegetation	0.16	3	36.84	0.345	1.3	3.0	0.42	943.3	0.003	164	0.13	0.053	0.85	0.1	0.6	<0.02	0.71	1.1	<0.02	0.6
1731731	Vegetation	0.29	6	36.22	0.528	2.2	3.9	0.42	991.6	0.005	125	0.20	0.067	1.23	0.1	0.9	<0.02	0.77	1.4	0.03	0.8
1731732	Vegetation	0.50	11	32.55	0.520	3.0	6.1	0.49	167.4	0.007	142	0.54	0.081	1.38	0.2	1.0	<0.02	2.24	2.4	0.09	1.3
1731733 TECK ASH-2	Ash	0.03	<2	34.64	0.576	1.3	1.6	0.92	5144.7	0.004	293	0.30	0.028	2.62	<0.1	0.6	0.04	0.43	0.4	<0.02	0.5
1731734	Vegetation	0.16	3	37.22	0.332	1.5	3.7	0.44	3226.5	0.004	152	0.18	0.051	0.85	0.1	0.7	<0.02	0.72	1.2	<0.02	0.6
1731735	Vegetation	0.28	5	35.28	0.449	1.9	5.0	0.44	842.1	0.005	185	0.22	0.084	1.12	0.1	0.8	<0.02	0.99	1.8	0.04	0.9
1731736	Vegetation	0.11	2	36.58	0.340	1.2	3.3	0.70	1967.9	0.003	206	0.12	0.050	1.09	0.1	0.5	0.12	0.65	1.0	<0.02	0.5
1731737	Vegetation	0.24	4	36.93	0.381	1.8	3.6	0.44	3170.8	0.004	190	0.19	0.045	1.15	0.1	0.9	0.03	0.66	1.0	0.02	0.8
1731738	Vegetation	0.08	<2	37.18	0.225	1.0	2.5	0.32	2577.9	0.002	87	0.12	0.046	0.51	<0.1	0.4	<0.02	0.40	0.4	<0.02	0.5
1731739	Vegetation	0.23	4	35.99	0.675	2.3	4.4	0.93	3132.1	0.006	269	0.32	0.075	1.33	0.1	1.0	<0.02	0.80	1.2	0.02	1.0
1731740	Vegetation	0.12	2	36.80	0.288	1.1	2.5	0.42	2245.7	0.003	123	0.12	0.038	0.69	<0.1	0.5	<0.02	0.74	0.8	<0.02	0.6
1731741	Vegetation	0.23	3	34.43	0.353	0.9	2.1	0.49	2015.8	0.002	142	0.17	0.042	1.10	<0.1	0.4	0.40	0.95	1.1	0.02	0.6
1731742	Vegetation	0.38	4	33.16	0.657	1.9	3.8	0.91	717.6	0.005	205	0.25	0.088	1.76	0.1	0.6	0.18	1.21	1.8	0.02	0.9
1731743	Vegetation	0.15	2	35.23	0.513	0.9	1.7	0.47	3926.2	0.003	152	0.15	0.055	2.29	<0.1	0.4	<0.02	0.74	1.1	<0.02	0.4
1731744	Vegetation	0.20	4	35.21	0.403	1.4	2.5	0.55	3213.4	0.004	141	0.22	0.080	1.52	0.1	0.5	<0.02	0.81	1.7	<0.02	0.7
1731745	Vegetation	0.14	<2	33.76	0.350	0.9	1.4	0.57	3163.8	0.002	125	0.16	0.052	3.25	<0.1	0.3	0.34	0.57	0.9	<0.02	0.4
1731746	Vegetation	0.07	<2	30.40	0.385	0.6	1.2	0.63	3504.5	0.002	132	0.12	0.067	2.75	<0.1	0.4	0.22	0.49	0.8	0.02	0.3
1731747	Vegetation	0.07	2	34.76	0.366	0.8	1.3	0.49	3874.5	0.002	129	0.09	0.048	3.06	<0.1	0.3	<0.02	0.51	0.9	<0.02	0.3
1731748	Vegetation	0.49	11	30.85	0.984	3.4	8.7	0.79	352.3	0.008	206	0.40	0.255	2.03	0.2	1.2	0.30	1.47	1.9	<0.02	1.4

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731719	Vegetation	1.07	0.1	0.11	0.14	55.1	1.5	<0.05	2.9	1.84	6.1	0.05	10	<0.1	6.8	<10	3
1731720	Vegetation	1.01	0.2	0.04	0.11	76.0	1.2	<0.05	1.7	1.31	4.4	0.04	8	0.1	6.2	<10	8
1731721	Vegetation	0.70	<0.1	0.04	0.11	56.9	0.5	<0.05	1.0	0.66	2.3	0.04	8	<0.1	5.1	<10	<2
1731722	Vegetation	1.39	<0.1	0.03	0.09	107.5	0.2	<0.05	0.6	0.40	1.4	<0.02	3	<0.1	4.5	<10	<2
1731723	Vegetation	0.52	<0.1	0.03	0.06	50.2	0.3	<0.05	0.7	0.41	1.3	<0.02	11	<0.1	4.0	<10	<2
1731724	Vegetation	0.32	<0.1	<0.02	0.04	52.0	<0.1	<0.05	0.4	0.24	0.7	<0.02	2	<0.1	2.8	<10	4
1731725	Vegetation	0.36	<0.1	<0.02	0.03	56.6	<0.1	<0.05	0.3	0.20	0.5	<0.02	4	<0.1	2.7	<10	3
1731726	Vegetation	0.68	<0.1	0.02	0.08	62.4	0.2	<0.05	0.6	0.32	1.0	<0.02	2	<0.1	6.4	<10	2
1731727	Vegetation	0.60	<0.1	0.02	0.10	91.2	0.2	<0.05	1.0	0.49	1.5	<0.02	1	<0.1	11.0	<10	<2
1731728	Vegetation	0.63	<0.1	<0.02	0.10	89.3	0.1	<0.05	0.6	0.42	1.2	<0.02	1	<0.1	3.8	<10	<2
1731729	Vegetation	0.45	0.2	0.03	0.10	56.1	0.3	<0.05	0.7	0.54	1.7	<0.02	9	<0.1	3.3	<10	<2
1731730	Vegetation	0.71	0.1	0.03	0.09	33.4	0.5	<0.05	1.2	0.75	2.6	<0.02	5	<0.1	4.9	<10	<2
1731731	Vegetation	0.74	0.3	0.04	0.13	41.0	0.8	<0.05	1.7	1.21	4.3	0.03	<1	<0.1	5.2	<10	<2
1731732	Vegetation	1.12	0.3	0.08	0.16	53.3	1.5	<0.05	2.6	1.90	6.3	0.06	3	0.1	6.4	<10	3
1731733 TECK ASH-2	Ash	0.63	<0.1	0.03	0.06	73.5	0.2	<0.05	0.7	0.66	1.5	<0.02	<1	<0.1	1.0	<10	2
1731734	Vegetation	0.80	0.1	0.04	0.13	30.6	0.4	<0.05	1.2	0.89	3.1	<0.02	3	<0.1	3.0	<10	2
1731735	Vegetation	1.69	0.1	0.07	0.09	59.3	0.7	<0.05	1.7	1.03	3.9	0.03	3	<0.1	5.8	<10	<2
1731736	Vegetation	0.89	<0.1	0.03	0.09	55.7	0.4	<0.05	1.3	0.70	2.3	<0.02	<1	<0.1	4.0	<10	<2
1731737	Vegetation	1.10	0.1	0.08	0.12	64.9	0.5	<0.05	1.6	0.96	3.9	<0.02	4	<0.1	3.4	<10	<2
1731738	Vegetation	0.45	0.1	<0.02	0.09	15.3	0.4	<0.05	0.8	0.54	2.0	<0.02	1	<0.1	5.4	<10	2
1731739	Vegetation	2.22	<0.1	0.06	0.17	61.2	0.5	<0.05	1.8	1.30	4.6	<0.02	11	0.2	5.5	<10	<2
1731740	Vegetation	0.86	0.1	0.03	0.09	25.6	0.4	<0.05	1.0	0.57	2.2	<0.02	1	<0.1	2.9	<10	2
1731741	Vegetation	1.18	<0.1	0.02	0.07	58.9	0.4	<0.05	0.7	0.62	2.0	0.04	6	<0.1	4.5	<10	<2
1731742	Vegetation	2.92	0.1	0.04	0.13	114.8	0.9	<0.05	1.5	1.25	4.2	0.05	8	<0.1	11.5	<10	2
1731743	Vegetation	2.35	<0.1	0.04	0.09	104.7	0.4	<0.05	0.7	0.53	1.8	<0.02	1	0.1	5.5	<10	<2
1731744	Vegetation	1.93	0.1	0.03	0.12	71.6	0.5	<0.05	1.2	0.88	2.9	0.02	1	<0.1	8.8	<10	<2
1731745	Vegetation	1.22	0.1	<0.02	0.08	99.1	0.4	<0.05	0.7	0.52	1.8	<0.02	<1	<0.1	5.3	<10	<2
1731746	Vegetation	4.83	<0.1	<0.02	0.05	156.8	0.2	<0.05	0.4	0.41	1.3	<0.02	1	<0.1	8.0	<10	2
1731747	Vegetation	2.04	0.1	<0.02	0.07	128.0	0.4	<0.05	0.6	0.42	1.5	<0.02	<1	<0.1	4.8	<10	<2
1731748	Vegetation	4.57	0.2	0.07	0.16	88.8	1.2	<0.05	2.0	1.86	7.0	0.04	3	0.2	35.4	<10	4

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

CERTIFICATE OF ANALYSIS TIM14000011.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731749	Vegetation	80.00		50.473	0.596	1.75	175.35	25.36	1061.0	1124	23.6	6.2	>10000	0.48	1.3	0.2	0.5	0.7	499.5	9.51	1.53
1731750	Vegetation	140.00		50.977	0.893	1.21	198.27	76.04	2797.9	1652	35.5	19.1	>10000	0.23	1.1	0.1	<0.2	0.4	912.4	22.83	1.17

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Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731749	Vegetation	0.50	10	29.34	1.376	3.7	8.5	0.97	194.3	0.009	248	0.40	0.457	2.63	0.2	1.4	0.02	2.10	3.4	0.02	1.3
1731750	Vegetation	0.37	5	32.13	0.998	2.3	5.0	1.02	1302.4	0.005	335	0.26	0.207	1.72	0.2	0.6	0.83	1.07	2.0	<0.02	1.0

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CERTIFICATE OF ANALYSIS TIM14000011.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
1731749	Vegetation	3.57	<0.1	0.05	0.19	116.8	1.4	<0.05	1.2	1.87	7.4	0.04	8	<0.1	66.3	<10	3
1731750	Vegetation	2.73	0.2	0.06	0.14	102.0	0.9	<0.05	1.6	1.29	4.8	0.04	1	0.1	35.4	<10	5

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

QUALITY CONTROL REPORT TIM14000011.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
1731621	Vegetation	180.00		50.661	1.332	0.64	96.33	26.97	969.3	1409	12.6	3.2	7379	0.23	4.9	0.1	<0.2	0.2	681.3	0.73	0.91
REP 1731621	QC					0.61	93.57	25.53	922.7	1384	11.7	3.2	7243	0.23	4.7	0.1	<0.2	0.2	664.5	0.75	0.91
1731655	Vegetation	140.00		50.343	2.082	0.32	68.38	21.73	928.6	299	11.5	5.6	7001	0.09	1.0	<0.1	<0.2	0.1	659.8	8.02	0.29
REP 1731655	QC					0.31	69.46	22.89	933.8	296	10.4	5.7	6976	0.09	0.5	<0.1	0.2	0.1	665.5	8.04	0.29
1731691	Vegetation	270.00		50.998	2.311	0.23	81.73	8.20	1292.3	338	3.4	1.1	1940	0.09	2.5	<0.1	0.4	<0.1	839.6	0.47	0.20
REP 1731691	QC					0.27	80.82	9.00	1224.8	326	3.6	1.2	1935	0.09	3.1	<0.1	<0.2	<0.1	809.0	0.49	0.21
1731726	Vegetation	140.00		50.507	2.721	0.27	71.18	16.45	938.0	380	4.7	2.0	7006	0.06	<0.1	<0.1	0.8	<0.1	1682.6	4.56	0.22
REP 1731726	QC					0.24	66.99	15.67	894.1	352	4.2	2.2	6818	0.06	0.5	<0.1	0.9	<0.1	1588.0	4.15	0.22
1731750	Vegetation	140.00		50.977	0.893	1.21	198.27	76.04	2797.9	1652	35.5	19.1	>10000	0.23	1.1	0.1	<0.2	0.4	912.4	22.83	1.17
REP 1731750	QC					1.26	195.99	76.95	2786.9	1746	37.3	19.0	>10000	0.25	1.3	0.2	0.3	0.4	937.7	22.63	1.19
Reference Materials																					
STD ASH-1	Standard					0.79	71.10	8.26	163.6	42	125.9	16.3	1042	2.17	3.5	0.6	5.1	3.5	863.0	0.28	0.17
STD ASH-1	Standard					0.79	72.09	8.78	156.0	38	133.2	16.9	1093	2.36	4.0	0.6	6.2	3.8	946.6	0.24	0.13
STD ASH-1	Standard					0.88	76.04	9.10	170.8	50	135.7	16.9	1167	2.36	4.5	0.7	3.5	3.9	1036.7	0.22	0.15
STD ASH-1	Standard					0.89	73.46	8.98	167.4	45	136.3	16.9	1105	2.28	4.9	0.6	3.9	3.8	945.8	0.25	0.12
STD ASH-1	Standard					0.87	77.61	9.24	179.0	45	137.1	18.0	1179	2.46	5.3	0.7	4.0	3.9	1008.1	0.29	0.13
STD ASH-1	Standard					0.91	68.07	8.41	161.0	41	129.7	16.0	1139	2.22	3.5	0.6	4.6	3.6	987.7	0.24	0.15
STD DS10	Standard					11.57	143.91	142.63	352.8	1908	73.2	12.4	810	2.54	39.5	2.3	52.2	6.6	58.2	2.38	7.79
STD DS10	Standard					14.08	150.51	153.60	377.8	1862	76.7	12.5	879	2.70	46.7	2.4	91.7	7.1	64.5	2.68	8.84
STD DS10	Standard					12.72	148.85	157.35	366.8	2164	76.0	12.5	871	2.71	46.4	2.4	128.3	6.5	60.0	2.59	8.43
STD DS10	Standard					15.06	156.61	159.00	367.1	2205	77.6	11.9	882	2.78	48.3	2.8	54.8	7.1	61.6	2.66	9.33
STD DS10	Standard					14.16	153.80	163.74	370.2	1909	79.8	12.7	913	2.78	47.8	2.7	82.1	7.2	63.4	2.67	8.16
STD DS10	Standard					12.16	143.21	155.49	351.2	1920	79.0	11.8	872	2.70	44.8	2.3	115.5	6.6	60.3	2.37	7.64
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					<0.01	<0.01	<0.01	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	0.6	<0.01	<0.02
BLK	Blank					<0.01	<0.01	<0.01	<0.1	3	<0.1	<0.1	2	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	<0.01	<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

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Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

QUALITY CONTROL REPORT TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
1731621	Vegetation	0.20	8	36.29	0.616	1.8	3.5	0.43	215.7	0.004	244	0.21	0.144	1.53	0.1	1.0	<0.02	1.28	1.2	0.05	0.9
REP 1731621	QC	0.20	8	35.63	0.569	1.8	3.3	0.42	209.9	0.004	230	0.21	0.144	1.53	0.1	0.9	<0.02	1.29	1.3	0.04	0.9
1731655	Vegetation	0.07	2	35.11	0.345	0.8	2.3	0.51	2970.9	0.003	174	0.12	0.110	2.59	<0.1	0.6	0.02	0.51	0.3	<0.02	0.3
REP 1731655	QC	0.08	3	35.27	0.356	0.9	1.6	0.54	2954.7	0.002	191	0.12	0.110	2.58	<0.1	0.6	0.03	0.52	0.3	<0.02	0.4
1731691	Vegetation	0.08	<2	36.92	0.303	0.8	1.5	0.27	622.1	0.002	234	0.07	0.142	2.09	<0.1	0.5	<0.02	1.09	0.9	<0.02	0.4
REP 1731691	QC	0.07	<2	36.19	0.301	0.8	1.6	0.27	526.7	0.002	238	0.07	0.130	2.10	<0.1	0.5	<0.02	1.07	0.7	<0.02	0.3
1731726	Vegetation	0.06	<2	37.66	0.353	0.6	1.0	0.40	2809.2	0.002	161	0.09	0.098	2.01	<0.1	0.4	<0.02	0.56	0.9	<0.02	0.3
REP 1731726	QC	0.07	<2	35.79	0.335	0.6	1.1	0.38	2837.3	0.002	155	0.08	0.098	2.00	<0.1	0.4	<0.02	0.55	0.6	<0.02	0.3
1731750	Vegetation	0.37	5	32.13	0.998	2.3	5.0	1.02	1302.4	0.005	335	0.26	0.207	1.72	0.2	0.6	0.83	1.07	2.0	<0.02	1.0
REP 1731750	QC	0.39	6	33.07	1.008	2.5	5.2	1.03	1726.1	0.005	327	0.26	0.210	1.72	0.2	0.7	0.81	1.08	2.2	<0.02	1.0
Reference Materials																					
STD ASH-1	Standard	0.05	48	17.57	0.235	12.6	151.0	1.86	93.5	0.018	309	2.52	0.551	1.24	0.1	8.8	0.12	0.41	0.4	<0.02	5.7
STD ASH-1	Standard	0.11	51	18.03	0.237	12.7	158.9	1.92	94.1	0.019	313	2.68	0.579	1.27	<0.1	9.1	0.13	0.41	0.4	<0.02	6.3
STD ASH-1	Standard	0.12	51	19.55	0.258	13.1	160.7	2.01	103.4	0.017	336	2.89	0.606	1.28	<0.1	9.9	0.13	0.46	0.8	<0.02	6.6
STD ASH-1	Standard	0.12	48	18.93	0.246	12.9	160.2	1.91	100.5	0.018	323	3.04	0.626	1.28	<0.1	9.6	0.13	0.44	0.8	<0.02	6.3
STD ASH-1	Standard	0.13	54	19.59	0.254	13.4	163.6	2.01	102.2	0.019	337	2.96	0.633	1.30	<0.1	9.6	0.14	0.45	0.7	<0.02	6.8
STD ASH-1	Standard	0.10	51	18.17	0.259	12.8	153.9	1.97	100.2	0.017	320	2.85	0.627	1.27	<0.1	9.3	0.13	0.42	0.7	0.04	6.1
STD DS10	Standard	11.27	38	0.99	0.073	15.2	53.7	0.70	388.1	0.067	<1	0.89	0.056	0.31	3.3	2.6	4.70	0.27	2.1	5.09	3.9
STD DS10	Standard	12.48	41	1.09	0.079	17.0	56.0	0.78	444.5	0.072	<1	1.03	0.061	0.35	3.3	3.1	5.20	0.28	2.5	5.47	4.5
STD DS10	Standard	12.36	39	1.00	0.077	14.6	54.1	0.75	429.0	0.062	20	0.93	0.061	0.31	3.7	2.8	5.08	0.28	2.4	5.34	4.4
STD DS10	Standard	12.15	41	1.04	0.079	16.6	56.2	0.77	445.7	0.067	7	0.99	0.061	0.32	4.3	3.4	5.34	0.29	2.7	5.69	4.4
STD DS10	Standard	12.52	40	1.04	0.078	15.4	56.7	0.78	433.2	0.065	<1	0.96	0.057	0.31	3.2	3.2	5.22	0.29	2.4	6.05	4.3
STD DS10	Standard	11.91	41	1.02	0.077	15.9	53.4	0.72	394.8	0.064	<1	0.96	0.062	0.33	3.4	2.8	5.18	0.29	2.2	5.20	4.1
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	0.04	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

QUALITY CONTROL REPORT TIM14000011.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
1731621	Vegetation	0.69	0.1	<0.02	0.12	35.9	0.9	<0.05	1.4	1.22	3.9	0.03	4	0.1	9.4	<10	<2
REP 1731621	QC	0.66	0.1	<0.02	0.13	35.7	1.0	<0.05	1.6	1.21	3.7	0.02	8	<0.1	9.1	<10	3
1731655	Vegetation	0.70	<0.1	<0.02	0.08	72.8	0.3	<0.05	0.6	0.48	1.5	<0.02	6	<0.1	11.7	<10	<2
REP 1731655	QC	0.73	0.1	0.03	0.09	73.3	0.2	<0.05	0.7	0.44	1.6	<0.02	8	<0.1	11.4	<10	3
1731691	Vegetation	0.13	0.1	<0.02	0.04	43.3	0.3	<0.05	0.6	0.49	1.4	<0.02	2	<0.1	2.7	<10	<2
REP 1731691	QC	0.14	0.1	<0.02	0.05	42.7	0.3	<0.05	0.7	0.51	1.4	<0.02	2	<0.1	2.6	<10	3
1731726	Vegetation	0.68	<0.1	0.02	0.08	62.4	0.2	<0.05	0.6	0.32	1.0	<0.02	2	<0.1	6.4	<10	2
REP 1731726	QC	0.67	<0.1	0.03	0.07	58.9	0.2	<0.05	0.6	0.28	1.0	<0.02	<1	<0.1	6.4	<10	<2
1731750	Vegetation	2.73	0.2	0.06	0.14	102.0	0.9	<0.05	1.6	1.29	4.8	0.04	1	0.1	35.4	<10	5
REP 1731750	QC	2.77	0.1	0.06	0.14	102.8	0.9	<0.05	1.6	1.32	5.2	0.03	1	0.2	35.8	<10	<2
Reference Materials																	
STD ASH-1	Standard	0.97	<0.1	0.18	0.02	17.6	0.6	<0.05	6.0	9.30	27.7	0.03	1	0.6	12.0	<10	<2
STD ASH-1	Standard	1.02	<0.1	0.23	0.02	18.5	0.7	<0.05	7.2	9.22	28.2	0.04	<1	0.5	12.6	<10	5
STD ASH-1	Standard	1.06	0.1	0.24	0.02	20.1	0.7	<0.05	6.2	9.94	29.6	0.03	<1	0.6	12.8	<10	3
STD ASH-1	Standard	1.03	<0.1	0.17	<0.02	19.4	0.8	<0.05	6.4	9.30	28.7	0.03	1	0.5	12.8	<10	4
STD ASH-1	Standard	1.05	<0.1	0.26	0.03	19.6	0.8	<0.05	7.5	9.69	30.8	0.03	<1	0.5	13.3	<10	<2
STD ASH-1	Standard	1.02	<0.1	0.16	0.03	17.6	0.7	<0.05	6.3	9.92	29.6	0.04	<1	0.4	12.0	<10	4
STD DS10	Standard	2.62	<0.1	0.03	1.52	26.5	1.2	<0.05	1.8	6.85	33.0	0.18	47	0.6	17.3	93	173
STD DS10	Standard	2.76	<0.1	0.05	1.85	29.5	1.5	<0.05	2.2	7.71	37.5	0.26	46	0.7	20.6	107	168
STD DS10	Standard	2.75	<0.1	0.04	1.47	28.5	1.4	<0.05	2.0	6.66	32.7	0.22	61	0.3	20.2	103	178
STD DS10	Standard	2.85	<0.1	0.02	1.56	29.8	1.5	<0.05	1.9	7.31	35.7	0.24	57	0.5	20.0	119	192
STD DS10	Standard	2.83	<0.1	0.05	1.57	29.9	1.6	<0.05	2.1	6.99	34.6	0.27	57	0.7	21.0	114	202
STD DS10	Standard	2.74	<0.1	<0.02	1.63	27.6	1.3	<0.05	2.2	7.28	35.9	0.22	55	0.8	19.9	124	191
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	3	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<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

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: November 12, 2014

QUALITY CONTROL REPORT TIM14000011.1

		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
		Wgt	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
		0.01	0.01	0.001	0.001	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
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	1	<0.01	0.7	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	<0.01	<0.01	0.2	3	<0.1	<0.1	2	<0.01	0.7	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	0.03	<0.01	0.2	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	1.3	<0.01	<0.02
Prep Wash																					
RICE	Prep Blank			100.821	0.185	59.37	792.86	9.21	5413.4	1080	85.3	2.3	2118	0.11	10.5	<0.1	<0.2	<0.1	41.7	20.48	0.55
RICE	Prep Blank			100.732	0.215	58.04	764.72	9.77	5399.7	1024	81.5	2.3	2170	0.07	13.7	<0.1	0.9	<0.1	39.1	5.10	0.36

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QUALITY CONTROL REPORT TIM14000011.1

		VG104 Bi ppm 0.02	VG104 V ppm 2	VG104 Ca % 0.01	VG104 P % 0.001	VG104 La ppm 0.5	VG104 Cr ppm 0.5	VG104 Mg % 0.01	VG104 Ba ppm 0.5	VG104 Ti % 0.001	VG104 B ppm 1	VG104 Al % 0.01	VG104 Na % 0.001	VG104 K % 0.01	VG104 W ppm 0.1	VG104 Sc ppm 0.1	VG104 Tl ppm 0.02	VG104 S % 0.02	VG104 Se ppm 0.1	VG104 Te ppm 0.02	VG104 Ga ppm 0.1
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.3	<0.02	0.09	<0.1	0.05	0.1
Prep Wash																					
RICE	Prep Blank	0.23	<2	1.20	>5	<0.5	11.6	2.84	13.0	<0.001	>2000	0.02	0.496	>10	0.2	0.5	0.14	<0.02	<0.1	<0.02	1.0
RICE	Prep Blank	0.10	<2	1.18	>5	<0.5	5.2	2.61	11.1	<0.001	>2000	0.02	0.454	>10	0.1	0.5	0.12	<0.02	<0.1	0.06	1.1

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QUALITY CONTROL REPORT TIM14000011.1

		VG104 Cs ppm 0.02	VG104 Ge ppm 0.1	VG104 Hf ppm 0.02	VG104 Nb ppm 0.02	VG104 Rb ppm 0.1	VG104 Sn ppm 0.1	VG104 Ta ppm 0.05	VG104 Zr ppm 0.1	VG104 Y ppm 0.01	VG104 Ce ppm 0.1	VG104 In ppm 0.02	VG104 Re ppb 1	VG104 Be ppm 0.1	VG104 Li ppm 0.1	VG104 Pd ppb 10	VG104 Pt ppb 2
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<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	<0.02	0.2	<0.02	0.02	0.3	<0.1	<0.05	0.2	0.01	0.1	<0.02	<1	0.1	<0.1	<10	<2
Prep Wash																	
RICE	Prep Blank	1.70	<0.1	0.10	0.06	632.1	0.2	<0.05	4.4	0.08	0.2	0.04	<1	<0.1	3.3	<10	4
RICE	Prep Blank	1.64	<0.1	<0.02	0.02	648.4	<0.1	<0.05	0.6	0.05	0.1	<0.02	2	<0.1	2.6	<10	4

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 14, 2014
Report Date: November 19, 2014
Page: 1 of 5

CERTIFICATE OF ANALYSIS TIM14000012.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00014
Shipment ID: ROL_2014_020
P.O. Number
Number of Samples: 107

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	102	Plant Maceration to 1mm			VAN
VA475	102	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	107	Analysis sample split/packet			VAN
VG104-EXT	107	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
1731996	Vegetation	175.00		50.598	1.023	0.75	132.67	23.05	1394.0	644	20.2	6.6	>10000	0.19	1.9	0.1	0.9	0.2	883.3	12.41	0.63
1731997	Vegetation	121.00		50.718	1.072	0.63	151.05	16.43	1338.4	757	14.6	4.4	>10000	0.17	1.3	0.1	0.9	0.2	930.0	13.18	0.51
1731998	Vegetation	261.00		50.323	1.639	0.25	120.54	7.17	1568.9	212	6.9	2.2	9676	0.05	0.6	<0.1	<0.2	<0.1	1033.3	7.71	0.17
OVEN STD-1	Vegetation			20.532	0.535	1.04	46.80	9.30	1624.0	875	11.6	0.6	>10000	0.15	2.3	2.0	0.3	0.9	567.1	0.67	0.40
1731999	Vegetation	251.00		50.709	1.932	0.39	110.82	13.73	1447.3	451	7.5	3.4	>10000	0.06	1.7	<0.1	<0.2	<0.1	978.2	5.07	0.20
1732000	Vegetation	264.00		50.910	2.673	0.19	60.26	8.09	1311.1	187	4.2	2.5	>10000	0.06	0.7	<0.1	<0.2	<0.1	1097.2	4.27	0.19
2679501	Vegetation	179.00		50.079	1.764	0.57	100.41	35.56	1400.2	281	9.2	2.4	7227	0.15	<0.1	<0.1	<0.2	0.2	761.8	1.88	0.58
2679502 TECH ASH-1	Ash					0.86	80.54	8.97	188.4	49	142.5	17.8	1207	2.44	4.2	0.6	9.0	4.0	979.1	0.33	0.19
2679503	Vegetation	144.00		50.718	1.561	0.40	99.89	20.72	1067.2	598	11.0	3.2	>10000	0.10	1.0	<0.1	<0.2	<0.1	938.8	9.66	0.28
2679504	Vegetation	109.00		50.357	0.740	0.91	130.66	14.66	1076.4	849	27.6	5.1	>10000	0.34	0.9	0.2	<0.2	0.4	497.3	9.50	0.83
2679505	Vegetation	136.00		50.770	0.747	1.37	174.37	41.13	2938.9	1063	43.6	8.9	>10000	0.44	2.6	0.3	1.6	0.6	911.0	8.80	2.11
2679506	Vegetation	213.00		50.955	1.360	0.31	101.65	20.30	1077.3	821	7.6	3.6	>10000	0.11	1.2	<0.1	<0.2	0.1	872.6	6.74	0.41
2679507	Vegetation	147.00		50.443	1.271	0.83	94.57	35.42	1096.1	772	17.7	6.4	>10000	0.24	2.3	0.1	<0.2	0.2	704.7	10.34	0.76
2679508	Vegetation	141.00		50.904	0.450	1.04	344.69	32.27	1162.9	2608	17.2	4.4	>10000	0.29	1.1	0.2	<0.2	0.4	730.7	21.51	1.11
2679509	Vegetation	162.00		50.703	1.690	0.43	89.49	18.96	1360.2	187	9.8	2.6	5782	0.18	1.1	0.1	<0.2	0.2	971.5	5.45	0.65
2679510	Vegetation	148.00		50.128	1.387	0.66	109.87	41.05	1746.4	554	16.3	5.4	>10000	0.23	1.2	0.1	<0.2	0.3	634.2	7.82	0.88
2679511	Vegetation	145.00		50.888	0.803	0.86	131.57	22.34	1365.2	709	18.1	3.7	9768	0.31	1.5	0.2	<0.2	0.3	723.5	6.32	0.83
2679512	Vegetation	135.00		50.166	1.241	0.59	85.08	13.63	1399.2	295	17.6	4.1	7454	0.28	1.4	0.1	0.4	0.3	785.7	3.91	0.58
2679513	Vegetation	14.00		50.758	0.852	1.39	130.11	33.69	1325.2	1008	35.2	6.6	6051	0.51	1.8	0.3	1.7	0.6	746.7	5.01	1.83
2679514	Vegetation	159.00		50.384	1.453	0.78	82.25	15.88	1828.8	588	12.1	3.8	8825	0.30	1.7	0.2	0.4	0.4	681.1	6.58	1.05
2679515	Vegetation	154.00		50.827	1.178	0.74	65.60	15.78	2451.9	240	8.4	3.4	7158	0.26	1.6	0.2	2.0	0.4	1004.3	3.17	0.73
2679516	Vegetation	165.00		50.536	1.449	0.78	53.40	22.21	1483.7	302	7.9	2.2	5986	0.33	3.0	0.2	<0.2	0.4	909.5	2.27	1.00
2679517 TECH ASH-1	Ash					0.90	78.45	9.49	185.1	49	144.8	18.3	1204	2.51	4.6	0.6	4.3	3.9	961.4	0.26	0.17
2679518	Vegetation	227.00		50.796	2.322	0.17	65.83	8.52	1196.3	169	2.7	3.0	7433	0.07	0.4	<0.1	<0.2	<0.1	895.8	2.38	0.19
2679519	Vegetation	212.00		50.551	2.129	0.16	85.34	6.58	1212.6	263	1.7	2.4	4652	0.06	1.4	<0.1	<0.2	<0.1	950.3	1.05	0.17
2679520	Vegetation	222.00		50.653	1.143	0.40	120.93	12.23	800.3	1708	12.1	4.6	9690	0.15	3.2	<0.1	<0.2	0.2	620.5	5.14	0.40
2679521	Vegetation	212.00		50.654	2.159	0.19	82.90	13.12	1289.8	109	2.2	1.8	6203	0.07	1.0	<0.1	0.6	<0.1	852.0	3.37	0.20
2679522	Vegetation	164.00		50.663	1.776	0.34	94.34	9.35	928.2	283	3.9	2.7	>10000	0.07	0.7	<0.1	<0.2	<0.1	792.5	3.16	0.18
2679523	Vegetation	23.00		50.859	1.895	0.23	119.58	12.44	1757.4	195	2.9	2.1	6516	0.06	0.4	<0.1	<0.2	<0.1	1104.8	2.25	0.15
2679524	Vegetation	189.00		50.721	1.039	0.54	94.72	23.33	1146.0	501	15.0	6.6	>10000	0.21	1.7	0.1	<0.2	0.2	974.1	5.44	0.48

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
1731996	Vegetation	0.33	6	32.74	0.646	1.7	3.9	0.88	1697.0	0.007	371	0.24	0.179	1.62	0.1	0.8	<0.02	0.69	0.7	0.13	0.8
1731997	Vegetation	0.19	5	32.87	0.746	1.2	3.3	0.79	2232.5	0.008	376	0.18	0.140	2.20	0.1	0.8	<0.02	0.74	0.6	0.17	0.8
1731998	Vegetation	0.04	<2	32.95	0.295	<0.5	2.0	0.77	3116.2	0.003	244	0.10	0.087	3.66	<0.1	0.4	<0.02	0.32	0.7	0.13	0.4
OVEN STD-1	Vegetation	0.17	2	24.62	2.666	1.6	5.5	2.39	1217.1	0.014	890	0.17	0.591	8.55	0.4	1.6	<0.02	1.16	0.2	0.04	1.1
1731999	Vegetation	0.04	<2	34.07	0.320	0.5	2.0	0.64	3724.3	0.002	262	0.12	0.102	5.00	<0.1	0.4	<0.02	0.51	0.6	0.03	0.4
1732000	Vegetation	0.03	<2	35.81	0.219	0.7	1.2	0.41	4161.8	0.002	160	0.08	0.062	1.05	<0.1	0.5	<0.02	0.35	0.7	<0.02	0.3
2679501	Vegetation	0.09	5	32.90	0.468	1.3	2.4	0.82	2753.5	0.005	234	0.18	0.210	3.56	<0.1	0.9	<0.02	0.68	0.5	<0.02	0.5
2679502 TECH ASH-1	Ash	0.11	56	18.28	0.242	14.3	170.5	2.13	103.6	0.020	346	3.11	0.662	1.36	<0.1	10.0	0.13	0.48	0.6	0.03	6.4
2679503	Vegetation	0.07	3	34.81	0.391	0.9	1.6	0.55	3911.7	0.003	256	0.13	0.178	3.02	<0.1	0.7	<0.02	0.65	0.6	<0.02	0.5
2679504	Vegetation	0.26	9	31.19	1.052	2.4	5.3	1.23	738.6	0.010	494	0.34	0.368	2.90	0.2	1.7	<0.02	1.06	1.1	0.03	1.3
2679505	Vegetation	0.49	15	31.17	1.512	3.8	5.6	1.85	382.1	0.010	478	0.48	0.437	2.77	0.3	1.9	<0.02	1.55	1.6	<0.02	1.6
2679506	Vegetation	0.10	3	35.40	0.441	1.0	1.7	0.54	3463.9	0.003	228	0.13	0.136	2.04	<0.1	0.7	<0.02	0.63	0.5	0.03	0.5
2679507	Vegetation	0.27	8	34.09	0.628	1.7	3.5	0.84	942.8	0.006	339	0.20	0.223	2.01	0.2	1.1	<0.02	0.94	1.0	0.03	0.8
2679508	Vegetation	0.27	8	32.38	1.299	2.2	5.8	1.17	613.4	0.009	603	0.28	0.422	3.31	0.4	1.8	<0.02	1.51	2.0	0.03	1.0
2679509	Vegetation	0.12	6	35.66	0.394	1.5	2.8	0.67	2067.9	0.004	228	0.47	0.200	1.46	<0.1	1.0	<0.02	0.76	1.2	<0.02	0.6
2679510	Vegetation	0.29	8	33.79	0.598	1.8	3.8	0.85	1615.1	0.006	360	0.26	0.215	1.77	0.1	1.3	<0.02	0.96	1.0	<0.02	0.9
2679511	Vegetation	0.23	8	33.14	0.704	2.2	4.2	0.95	944.3	0.007	420	0.29	0.262	2.27	0.2	1.3	<0.02	0.96	1.1	0.03	0.8
2679512	Vegetation	0.13	7	34.63	0.451	2.2	4.0	0.70	2388.3	0.006	276	0.25	0.186	1.19	0.1	1.1	<0.02	0.66	0.8	<0.02	0.8
2679513	Vegetation	0.40	17	29.45	0.969	4.1	7.4	1.35	728.1	0.012	417	0.99	0.363	2.11	0.5	2.1	<0.02	1.20	2.4	<0.02	1.4
2679514	Vegetation	0.23	8	34.98	0.584	2.4	5.0	0.98	1853.3	0.008	369	0.27	0.236	1.08	0.2	1.5	<0.02	0.82	1.3	0.05	1.0
2679515	Vegetation	0.21	7	35.28	0.471	2.0	4.5	0.92	2481.2	0.007	418	0.21	0.184	1.00	0.1	1.3	<0.02	0.79	0.9	0.03	0.9
2679516	Vegetation	0.29	9	35.42	0.424	2.4	4.5	0.48	2127.6	0.007	245	0.24	0.215	0.81	0.2	1.5	<0.02	0.88	1.3	<0.02	1.0
2679517 TECH ASH-1	Ash	0.10	59	17.70	0.246	14.1	169.9	2.07	106.6	0.020	321	3.13	0.647	1.35	<0.1	10.0	0.13	0.46	0.3	0.02	6.3
2679518	Vegetation	0.02	2	36.73	0.211	0.5	1.0	0.45	4391.7	0.002	181	0.08	0.117	1.07	<0.1	0.6	<0.02	0.43	0.7	0.03	0.3
2679519	Vegetation	<0.02	<2	37.02	0.280	<0.5	0.8	0.39	3526.6	0.002	221	0.07	0.130	1.47	<0.1	0.6	<0.02	0.55	0.6	<0.02	0.2
2679520	Vegetation	0.10	4	35.31	0.546	1.1	2.5	0.62	638.3	0.003	336	0.12	0.211	1.49	0.1	0.9	<0.02	1.43	1.4	0.05	0.6
2679521	Vegetation	<0.02	2	35.44	0.332	0.6	1.2	0.53	1911.0	0.002	284	0.11	0.181	1.92	<0.1	0.7	<0.02	0.56	0.7	<0.02	0.3
2679522	Vegetation	<0.02	2	33.57	0.364	0.6	0.9	0.58	3515.6	0.003	281	0.08	0.219	4.62	<0.1	0.6	<0.02	0.46	0.4	<0.02	0.3
2679523	Vegetation	<0.02	<2	37.40	0.395	0.6	1.2	0.58	2720.5	0.003	316	0.13	0.129	2.10	<0.1	0.9	<0.02	0.42	0.6	<0.02	0.3
2679524	Vegetation	0.13	6	33.77	0.564	1.5	3.5	0.81	1908.1	0.006	397	0.22	0.243	1.69	0.1	1.2	<0.02	0.74	1.0	<0.02	0.8

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
1731996	Vegetation	0.87	<0.1	0.03	0.14	65.4	0.7	<0.05	1.3	0.85	3.6	0.03	6	<0.1	13.8	<10	2
1731997	Vegetation	1.25	<0.1	0.03	0.13	110.4	0.5	<0.05	1.2	0.63	2.5	<0.02	5	<0.1	23.7	<10	<2
1731998	Vegetation	1.03	<0.1	0.02	0.06	140.6	0.2	<0.05	0.4	0.26	0.9	<0.02	2	<0.1	6.3	<10	<2
OVEN STD-1	Vegetation	1.57	<0.1	0.04	0.09	177.7	4.0	<0.05	1.1	0.48	3.3	<0.02	3	0.1	4.0	<10	<2
1731999	Vegetation	0.97	<0.1	<0.02	0.04	131.4	0.1	<0.05	0.4	0.30	1.0	<0.02	1	<0.1	3.5	<10	<2
1732000	Vegetation	0.32	<0.1	<0.02	0.05	36.3	0.2	<0.05	0.4	0.30	1.0	<0.02	<1	<0.1	3.7	<10	3
2679501	Vegetation	1.01	<0.1	0.05	0.13	113.2	0.4	<0.05	1.3	0.63	2.5	0.03	3	<0.1	19.9	<10	2
2679502 TECH ASH-1	Ash	1.08	<0.1	0.26	0.03	19.4	0.8	<0.05	7.9	10.02	30.6	0.03	3	0.6	12.6	<10	3
2679503	Vegetation	0.47	<0.1	0.03	0.09	97.5	0.3	<0.05	0.9	0.50	1.4	<0.02	3	<0.1	14.4	<10	<2
2679504	Vegetation	2.56	0.1	0.06	0.21	146.3	1.0	<0.05	1.7	1.17	4.6	0.04	8	0.1	42.5	<10	4
2679505	Vegetation	1.90	0.2	0.03	0.26	117.4	1.4	<0.05	1.4	2.19	7.8	0.04	<1	0.2	92.1	<10	4
2679506	Vegetation	0.34	<0.1	0.03	0.10	66.2	0.3	<0.05	1.0	0.43	1.7	<0.02	3	<0.1	14.1	<10	4
2679507	Vegetation	0.52	<0.1	0.08	0.13	65.0	0.9	<0.05	1.8	0.96	3.1	0.02	4	<0.1	27.8	<10	4
2679508	Vegetation	1.76	0.1	0.04	0.20	153.9	1.1	<0.05	1.3	1.14	4.4	0.05	5	<0.1	63.7	<10	4
2679509	Vegetation	0.51	<0.1	0.03	0.15	39.6	0.6	<0.05	1.4	0.85	2.9	<0.02	1	<0.1	19.0	<10	3
2679510	Vegetation	0.66	<0.1	0.09	0.17	67.2	0.8	<0.05	2.0	0.92	3.3	0.02	5	<0.1	27.0	<10	<2
2679511	Vegetation	0.96	0.1	0.06	0.16	92.1	0.8	<0.05	2.1	1.16	4.0	<0.02	4	<0.1	25.6	<10	<2
2679512	Vegetation	0.78	<0.1	0.06	0.11	30.6	0.5	<0.05	1.6	1.01	4.0	<0.02	<1	<0.1	16.6	<10	<2
2679513	Vegetation	0.95	0.2	0.08	0.26	56.6	1.3	<0.05	2.4	2.21	8.1	0.04	3	0.2	43.2	<10	3
2679514	Vegetation	0.58	<0.1	0.08	0.21	28.8	0.8	<0.05	2.3	1.23	4.7	<0.02	2	<0.1	24.8	<10	5
2679515	Vegetation	0.56	0.1	0.04	0.18	26.4	0.8	<0.05	1.9	1.05	3.7	<0.02	3	<0.1	18.0	<10	<2
2679516	Vegetation	0.49	0.2	0.08	0.17	23.2	1.2	<0.05	2.2	1.31	4.5	0.03	<1	<0.1	19.8	<10	2
2679517 TECH ASH-1	Ash	1.12	<0.1	0.24	0.04	19.6	0.9	<0.05	7.6	9.98	30.5	0.04	<1	0.5	12.4	<10	6
2679518	Vegetation	0.32	<0.1	0.02	0.07	29.4	0.2	<0.05	0.7	0.26	0.9	<0.02	<1	<0.1	7.7	<10	<2
2679519	Vegetation	0.27	0.2	0.02	0.04	41.7	0.2	<0.05	0.5	0.25	0.8	<0.02	1	<0.1	7.4	<10	<2
2679520	Vegetation	0.56	<0.1	0.04	0.09	57.3	0.4	<0.05	1.0	0.56	2.1	0.02	<1	<0.1	7.7	<10	<2
2679521	Vegetation	0.33	<0.1	0.03	0.08	40.4	0.1	<0.05	0.6	0.25	1.0	<0.02	3	<0.1	6.5	<10	<2
2679522	Vegetation	0.38	<0.1	0.03	0.08	86.1	0.1	<0.05	0.7	0.34	1.0	<0.02	3	<0.1	11.5	<10	<2
2679523	Vegetation	0.26	0.1	<0.02	0.06	53.7	0.2	<0.05	0.6	0.29	1.1	<0.02	<1	<0.1	5.7	<10	<2
2679524	Vegetation	0.62	0.1	0.05	0.16	66.3	0.5	<0.05	1.4	0.80	3.0	<0.02	<1	0.1	13.9	<10	5

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679525	Vegetation	181.00		50.831	1.109	0.65	124.21	40.36	1197.3	480	14.6	3.2	>10000	0.19	0.9	0.1	<0.2	0.2	513.2	12.81	0.56
2679526	Vegetation	142.00		50.544	0.914	0.75	172.83	44.69	1832.6	1597	30.5	5.0	>10000	0.24	1.0	0.1	<0.2	0.3	878.0	13.49	0.76
2679527	Vegetation	159.00		50.945	0.842	0.80	241.88	49.61	2554.6	1582	24.5	5.5	>10000	0.24	1.5	0.2	<0.2	0.2	988.6	9.60	0.64
2679528	Vegetation	182.00		50.461	1.488	0.51	84.03	41.91	856.8	543	11.8	3.7	>10000	0.19	1.6	0.1	<0.2	0.2	613.0	9.55	0.53
2679529	Vegetation	205.00		50.829	1.753	0.53	81.63	44.94	1447.2	414	13.7	3.0	>10000	0.20	2.6	0.1	<0.2	0.2	1173.1	5.96	0.56
2679530	Vegetation	126.00		50.942	0.948	1.15	152.70	110.84	2218.2	931	35.1	4.8	>10000	0.36	3.4	0.3	1.8	0.4	831.8	11.12	1.11
2679531	Vegetation	141.00		50.976	0.715	1.14	231.51	53.15	2995.5	2265	52.0	4.9	>10000	0.35	2.3	0.3	<0.2	0.5	771.5	10.78	1.47
2679532	Vegetation	187.00		50.298	0.744	0.74	193.86	47.49	2677.4	1350	26.0	4.0	>10000	0.19	2.0	0.1	1.1	0.2	640.4	11.43	0.56
2679533 TECH ASH-2	Ash					0.57	125.89	13.17	2808.6	516	13.2	4.2	>10000	0.13	0.5	<0.1	4.3	0.1	1215.6	5.07	0.26
2679534	Vegetation	133.00		50.233	0.957	1.07	157.99	72.53	2553.7	1398	17.0	3.7	>10000	0.32	3.2	0.2	1.1	0.4	724.1	10.17	1.02
2679535	Vegetation	154.00		50.517	1.230	0.54	97.26	46.37	1486.8	464	13.2	2.9	>10000	0.26	2.8	0.1	0.6	0.3	612.7	7.91	0.66
2679536	Vegetation	147.00		50.678	1.695	0.32	70.35	24.92	1349.5	311	17.9	2.3	>10000	0.14	0.6	<0.1	0.3	0.2	530.4	9.88	0.34
2679537	Vegetation	139.00		50.442	0.742	0.93	140.52	61.65	3273.4	399	41.3	4.3	>10000	0.43	4.4	0.2	1.2	0.5	947.7	4.71	1.06
2679538	Vegetation	129.00		50.342	1.677	0.53	80.99	33.08	1748.0	518	14.8	2.4	>10000	0.20	3.3	0.1	0.9	0.2	518.2	4.85	0.58
2679539	Vegetation	135.00		50.906	1.172	1.03	83.29	64.89	2354.6	361	10.7	2.4	7022	0.37	5.2	0.2	0.9	0.5	963.0	6.89	0.93
2679540	Vegetation	175.00		50.643	2.320	0.39	67.92	24.11	1892.4	146	3.8	1.5	5268	0.12	1.9	<0.1	0.4	0.2	1435.6	5.03	0.49
2679541	Vegetation	192.00		50.544	1.231	1.15	64.61	52.81	1423.5	231	10.1	2.1	5998	0.47	4.8	0.3	<0.2	0.5	1132.8	3.53	1.33
2679542	Vegetation	18.00		50.155	1.322	0.89	73.25	43.04	1222.8	285	9.4	2.4	7861	0.34	6.3	0.2	0.6	0.5	978.3	4.95	1.01
2679543	Vegetation	182.00		50.578	1.625	0.57	73.46	32.19	1212.4	331	6.8	1.8	9142	0.25	4.4	0.1	<0.2	0.3	881.9	4.55	0.68
2679544	Vegetation	182.00		50.570	1.219	0.55	85.04	34.29	1391.4	304	8.8	1.7	9815	0.23	2.9	0.1	<0.2	0.2	591.8	8.21	0.60
2679545	Vegetation	149.00		50.666	0.962	0.85	110.49	56.65	1282.0	709	13.8	2.1	>10000	0.32	1.6	0.2	0.3	0.4	405.0	3.72	0.86
2679546	Vegetation	202.00		50.360	1.176	0.65	96.31	41.63	1832.1	423	19.9	3.0	>10000	0.27	4.9	0.2	<0.2	0.3	850.3	4.94	0.57
2679547	Vegetation	172.00		50.333	1.586	0.53	62.67	23.65	1172.5	262	17.0	1.8	7310	0.19	2.5	<0.1	<0.2	0.2	629.0	1.90	0.54
2679548	Vegetation	114.00		50.961	0.680	1.03	224.70	20.31	1489.2	959	23.8	3.1	>10000	0.32	1.8	0.2	0.8	0.5	929.4	3.98	0.85
2679549	Vegetation	167.00		50.459	0.947	0.77	156.07	53.41	1932.0	845	18.7	4.4	>10000	0.24	1.5	0.1	<0.2	0.3	801.6	13.24	0.83
2679550	Vegetation	165.00		50.918	1.002	0.62	137.65	30.63	2333.1	1022	7.4	2.5	>10000	0.15	1.0	0.1	1.3	0.3	1119.3	12.61	0.60
2679551	Vegetation	167.00		50.253	1.659	0.43	123.53	34.32	1826.1	472	14.3	3.5	>10000	0.11	0.5	<0.1	0.8	0.2	1234.1	14.14	0.41
2679552	Vegetation	186.00		50.133	0.824	0.74	168.23	25.99	1962.1	781	22.1	5.0	>10000	0.22	2.5	0.1	0.9	0.3	1059.4	11.87	0.72
2679553	Vegetation	134.00		50.410	1.016	0.77	125.76	34.06	2108.4	732	28.1	4.0	>10000	0.24	1.2	0.2	1.7	0.5	975.1	10.02	1.02
2679554	Vegetation	127.00		50.816	1.062	1.04	79.98	26.83	1627.4	493	11.4	2.2	6862	0.43	1.1	0.2	0.3	0.7	1171.8	1.34	0.95

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679525	Vegetation	0.23	6	34.44	0.592	1.4	2.9	0.75	2426.5	0.004	254	0.18	0.191	2.13	0.1	0.7	0.11	1.07	0.7	<0.02	0.7
2679526	Vegetation	0.26	7	31.01	0.802	1.9	3.9	1.43	3459.0	0.006	396	0.33	0.268	2.50	0.2	1.1	0.52	0.92	1.0	0.04	1.1
2679527	Vegetation	0.22	6	32.74	0.952	2.2	4.0	1.18	2471.3	0.006	367	0.29	0.234	1.84	0.2	1.0	0.04	0.88	1.3	<0.02	1.0
2679528	Vegetation	0.15	6	36.44	0.429	1.5	2.3	0.40	2867.8	0.003	160	0.19	0.159	1.29	<0.1	0.6	0.25	0.73	0.9	0.06	0.7
2679529	Vegetation	0.19	5	34.99	0.452	1.6	2.4	0.64	1731.4	0.004	123	0.27	0.105	1.77	<0.1	0.6	0.19	0.99	0.9	<0.02	0.9
2679530	Vegetation	0.52	11	31.82	0.940	3.0	5.9	1.08	818.9	0.008	369	0.44	0.224	3.25	0.2	1.4	0.14	1.58	1.6	0.04	1.6
2679531	Vegetation	0.49	10	31.71	1.320	3.0	5.4	1.41	769.5	0.009	439	0.51	0.445	2.43	0.3	1.7	0.82	1.23	1.5	<0.02	1.4
2679532	Vegetation	0.24	6	32.88	0.849	1.6	4.1	1.47	2996.2	0.005	493	0.24	0.184	3.41	0.1	1.0	1.04	1.06	1.2	<0.02	0.9
2679533 TECH ASH-2	Ash	0.02	3	34.55	0.569	1.4	1.4	0.89	5477.9	0.004	272	0.29	0.043	2.98	<0.1	0.8	0.06	0.49	0.2	<0.02	0.5
2679534	Vegetation	0.42	9	32.51	0.824	2.3	5.6	1.15	2198.5	0.008	436	0.31	0.250	3.33	0.3	1.3	0.78	1.20	1.6	<0.02	1.5
2679535	Vegetation	0.24	7	35.15	0.515	1.9	3.9	0.65	951.4	0.005	190	0.21	0.181	1.48	0.2	0.8	0.21	1.16	0.9	0.06	0.9
2679536	Vegetation	0.11	4	36.32	0.330	1.0	2.1	0.67	2320.3	0.003	193	0.14	0.117	1.02	<0.1	0.7	0.03	0.47	0.4	<0.02	0.7
2679537	Vegetation	0.37	11	31.20	0.723	3.3	6.4	1.38	537.3	0.008	359	0.48	0.193	2.22	0.2	1.3	0.34	1.79	1.4	0.05	1.4
2679538	Vegetation	0.17	5	36.30	0.433	1.4	3.3	0.56	1952.8	0.004	201	0.16	0.101	1.21	0.1	0.7	0.23	0.92	0.8	<0.02	0.8
2679539	Vegetation	0.31	10	34.42	0.491	2.9	5.6	0.70	666.0	0.007	254	0.28	0.159	1.46	0.2	1.2	0.19	1.40	0.8	0.05	1.3
2679540	Vegetation	0.10	4	36.71	0.286	1.0	2.1	0.43	2298.8	0.003	135	0.10	0.088	2.33	<0.1	0.6	0.04	0.99	0.5	<0.02	0.5
2679541	Vegetation	0.46	15	32.70	0.506	3.4	6.5	0.50	216.7	0.008	131	0.35	0.173	1.02	0.2	1.5	<0.02	2.24	2.2	0.04	1.5
2679542	Vegetation	0.28	9	35.13	0.422	2.5	4.7	0.46	652.0	0.006	150	0.23	0.133	1.04	0.2	1.1	<0.02	1.83	1.0	0.05	1.2
2679543	Vegetation	0.18	6	36.55	0.345	1.8	3.3	0.49	370.4	0.004	146	0.17	0.101	1.00	0.1	0.7	0.08	1.80	1.0	<0.02	0.9
2679544	Vegetation	0.19	6	36.84	0.385	1.5	3.1	0.65	1839.1	0.004	220	0.15	0.112	1.28	0.1	0.8	0.14	1.17	0.7	0.02	0.6
2679545	Vegetation	0.32	9	33.93	0.651	2.0	4.4	0.86	953.6	0.007	349	0.26	0.202	2.77	0.1	1.1	0.02	1.30	1.3	<0.02	1.1
2679546	Vegetation	0.23	7	34.41	0.523	2.2	5.7	0.97	702.1	0.006	240	0.32	0.110	1.66	0.1	1.1	<0.02	1.58	1.3	0.04	1.1
2679547	Vegetation	0.13	5	36.91	0.322	1.4	2.4	0.59	2737.4	0.003	144	0.25	0.074	0.89	0.1	0.7	<0.02	0.83	0.5	0.02	0.7
2679548	Vegetation	0.21	8	33.48	1.097	2.9	5.6	1.26	3120.5	0.008	480	0.51	0.211	3.13	0.3	1.6	0.06	0.78	1.3	<0.02	1.1
2679549	Vegetation	0.26	7	34.72	0.656	1.8	3.9	1.23	1910.0	0.006	397	0.23	0.211	2.27	0.2	1.2	0.03	0.93	1.1	0.03	1.0
2679550	Vegetation	0.26	5	33.73	0.513	1.4	2.2	0.88	934.3	0.007	328	0.13	0.159	2.31	0.1	1.8	<0.02	0.88	0.7	0.10	1.1
2679551	Vegetation	0.17	3	35.82	0.388	1.1	1.4	0.76	3757.1	0.005	216	0.14	0.163	2.17	<0.1	2.0	<0.02	0.61	0.4	0.16	1.2
2679552	Vegetation	0.33	5	34.58	0.652	2.0	4.1	0.92	859.9	0.009	334	0.27	0.207	1.73	<0.1	2.2	<0.02	1.16	1.4	0.09	1.7
2679553	Vegetation	0.37	7	34.86	0.605	2.4	3.8	0.85	2635.2	0.009	252	0.26	0.187	1.48	0.1	2.6	<0.02	0.95	1.4	0.15	1.8
2679554	Vegetation	0.37	10	35.44	0.619	3.3	7.1	0.64	2099.7	0.009	264	0.37	0.257	1.52	0.2	1.8	<0.02	1.14	2.2	<0.02	1.3

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679525	Vegetation	0.80	0.2	0.04	0.09	76.9	0.6	<0.05	1.4	0.82	2.9	<0.02	3	<0.1	16.8	<10	<2
2679526	Vegetation	1.30	<0.1	0.10	0.14	124.1	1.0	<0.05	2.5	0.87	3.9	0.04	4	<0.1	39.3	<10	3
2679527	Vegetation	1.25	0.1	0.09	0.12	80.4	0.8	<0.05	2.1	1.10	4.1	<0.02	3	<0.1	29.8	<10	4
2679528	Vegetation	0.66	0.1	0.05	0.09	51.5	0.6	<0.05	1.4	0.83	2.9	<0.02	9	<0.1	16.9	<10	3
2679529	Vegetation	1.05	0.2	0.06	0.10	66.6	0.6	<0.05	1.3	0.87	3.1	0.03	2	<0.1	10.5	<10	3
2679530	Vegetation	2.72	0.3	0.07	0.16	135.9	1.6	<0.05	3.0	1.58	5.8	0.05	27	0.1	21.9	<10	4
2679531	Vegetation	4.65	0.3	0.07	0.15	145.3	1.7	<0.05	2.0	1.44	6.3	0.04	4	0.1	78.1	<10	4
2679532	Vegetation	3.87	0.1	0.09	0.12	157.1	0.8	<0.05	1.8	0.91	3.2	0.05	13	<0.1	15.5	<10	2
2679533 TECH ASH-2	Ash	0.64	<0.1	<0.02	0.06	68.7	0.2	<0.05	0.6	0.59	1.4	<0.02	3	<0.1	0.9	<10	<2
2679534	Vegetation	2.25	0.3	0.09	0.16	119.7	1.3	<0.05	2.5	1.15	4.9	0.05	11	<0.1	29.8	<10	3
2679535	Vegetation	0.93	0.2	0.06	0.11	41.3	0.8	<0.05	1.9	1.00	4.0	<0.02	3	<0.1	19.5	<10	3
2679536	Vegetation	0.56	<0.1	0.03	0.07	31.7	0.5	<0.05	1.0	0.49	2.1	<0.02	1	<0.1	10.0	<10	<2
2679537	Vegetation	1.52	<0.1	0.07	0.17	79.3	1.5	<0.05	2.8	1.68	6.7	0.06	10	0.1	16.2	<10	<2
2679538	Vegetation	0.60	0.2	0.05	0.12	35.9	0.7	<0.05	1.7	0.81	3.0	<0.02	5	<0.1	9.7	<10	12
2679539	Vegetation	0.84	0.3	0.08	0.12	47.1	1.2	<0.05	2.7	1.71	6.1	0.03	12	0.2	14.9	<10	4
2679540	Vegetation	0.46	<0.1	<0.02	0.07	63.9	0.5	<0.05	1.1	0.65	2.1	0.03	2	<0.1	7.8	<10	5
2679541	Vegetation	0.64	0.3	0.11	0.15	25.0	1.6	<0.05	3.0	1.90	7.2	0.04	3	<0.1	18.9	<10	5
2679542	Vegetation	0.53	0.2	0.06	0.13	30.8	1.1	<0.05	2.3	1.34	5.0	0.03	7	0.1	14.7	<10	<2
2679543	Vegetation	0.56	0.1	0.05	0.09	29.1	0.7	<0.05	1.6	1.02	3.6	0.03	5	<0.1	8.5	<10	4
2679544	Vegetation	0.73	0.1	0.07	0.12	35.1	0.8	<0.05	1.3	0.88	2.9	0.02	9	<0.1	6.4	<10	<2
2679545	Vegetation	0.90	<0.1	0.12	0.13	65.2	1.0	<0.05	2.0	1.11	4.4	0.05	17	0.1	14.6	<10	4
2679546	Vegetation	1.22	0.2	0.05	0.12	61.0	1.0	<0.05	1.7	1.29	4.4	0.04	7	<0.1	6.5	<10	3
2679547	Vegetation	0.42	<0.1	0.05	0.09	28.8	0.6	<0.05	1.1	0.77	2.8	0.02	<1	<0.1	6.1	<10	3
2679548	Vegetation	1.54	0.2	0.07	0.18	122.3	0.9	<0.05	2.1	1.59	5.6	<0.02	9	0.1	15.5	<10	6
2679549	Vegetation	1.59	0.3	0.08	0.12	89.1	0.8	<0.05	2.0	0.95	3.6	0.04	4	0.1	22.5	<10	4
2679550	Vegetation	0.65	0.1	0.06	0.15	64.5	0.7	<0.05	1.9	1.14	2.4	0.05	7	<0.1	7.6	<10	2
2679551	Vegetation	0.87	<0.1	0.04	0.11	92.0	0.4	<0.05	1.3	1.05	1.9	<0.02	<1	0.2	9.6	<10	3
2679552	Vegetation	1.06	<0.1	0.06	0.18	81.2	0.9	<0.05	2.2	1.40	3.6	<0.02	9	<0.1	11.1	<10	<2
2679553	Vegetation	1.16	0.2	0.11	0.19	75.8	0.8	<0.05	2.6	1.67	4.5	0.02	3	<0.1	15.0	<10	4
2679554	Vegetation	0.87	0.1	0.09	0.17	50.8	1.3	<0.05	2.6	1.70	7.1	0.05	2	<0.1	24.4	<10	<2

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Project: EXNA.CA.ON.00014
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	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679555	Vegetation	156.00		50.718	1.072	0.81	95.20	94.41	2608.2	460	8.0	3.1	7493	0.24	1.9	0.2	0.8	0.4	1641.0	6.50	0.81
2679556	Vegetation	151.00		50.499	0.969	0.80	123.34	41.97	1463.7	510	17.9	3.3	>10000	0.27	2.2	0.1	<0.2	0.2	916.2	4.14	0.64
2679557	Vegetation	162.00		50.177	1.930	0.24	67.47	12.46	1192.8	398	5.9	1.7	7494	0.09	1.6	<0.1	0.2	<0.1	1283.1	1.55	0.24
2679558	Vegetation	122.00		50.298	1.017	0.65	122.71	39.30	2901.2	671	35.1	3.4	>10000	0.24	1.4	0.2	<0.2	0.3	802.5	2.44	0.64
2679559	Vegetation	176.00		50.525	1.203	1.14	114.41	81.29	2288.3	411	37.2	3.7	>10000	0.35	3.6	0.3	<0.2	0.5	939.9	2.86	0.97
2679560	Vegetation	178.00		50.235	0.853	1.08	137.09	56.18	2539.2	1182	31.5	3.2	>10000	0.37	2.3	0.2	0.9	0.5	561.0	2.92	0.99
2679561	Vegetation	151.00		50.592	1.011	0.89	141.28	45.69	2548.5	1160	53.4	3.9	>10000	0.28	2.3	0.2	<0.2	0.3	1045.6	1.92	1.06
2679562	Vegetation	2.00		50.443	1.097	0.67	139.97	28.80	1870.8	955	45.9	3.8	>10000	0.21	1.2	0.1	<0.2	0.2	840.9	4.56	0.61
2679563	Vegetation	151.00		50.207	0.767	0.74	239.34	31.28	2397.9	1332	32.8	4.0	>10000	0.19	0.9	0.1	1.0	0.2	1003.1	3.37	0.80
2679564 TECH ASH-1	Ash					0.86	79.84	9.78	180.1	52	145.6	17.7	1201	2.50	3.5	0.7	6.4	4.1	1015.5	0.25	0.16
2679565	Vegetation	101.00		50.170	1.018	1.00	133.35	25.08	1396.1	933	22.2	3.0	>10000	0.30	1.2	0.2	0.6	0.5	738.9	2.83	1.22
2679566	Vegetation	191.00		50.775	1.302	0.81	146.65	46.28	1936.0	599	18.3	4.1	>10000	0.19	0.8	0.2	1.4	0.3	1506.4	3.23	0.95
2679567	Vegetation	156.00		50.725	1.692	0.55	99.83	29.61	1925.4	328	20.7	3.1	7984	0.14	1.6	0.1	1.7	0.2	849.6	1.76	0.65
2679568	Vegetation	194.00		50.205	1.802	0.38	87.94	10.03	1183.3	563	13.4	4.6	>10000	0.09	1.0	<0.1	<0.2	0.1	775.0	2.63	0.32
2679569	Vegetation	25.00		50.706	1.459	0.28	164.63	15.08	1860.0	178	10.3	5.8	5639	0.08	1.8	<0.1	<0.2	<0.1	1246.1	2.81	0.27
2679570	Vegetation	19.00		50.578	1.073	0.67	126.47	16.98	1435.9	675	23.5	8.0	>10000	0.20	0.8	0.1	0.6	0.3	878.3	4.56	0.69
2679571	Vegetation	0.20		50.967	1.423	0.41	138.61	25.52	2177.5	320	11.7	5.1	6458	0.16	1.0	<0.1	<0.2	0.2	1114.6	4.12	0.52
2679572	Vegetation	127.00		50.498	0.721	1.13	208.01	45.41	2612.1	2177	33.6	10.3	>10000	0.33	1.9	0.2	1.0	0.5	830.0	5.54	2.09
2679573	Vegetation	198.00		50.862	2.103	0.20	96.53	8.11	1229.0	148	10.7	2.4	6676	0.07	0.8	<0.1	<0.2	<0.1	871.5	0.91	0.23
2679574	Vegetation	13.00		50.733	0.863	0.68	112.32	17.98	1031.4	1259	17.8	5.4	8352	0.25	0.6	0.1	<0.2	0.3	1053.5	2.28	0.64
2679575	Vegetation	176.00		50.773	1.582	0.29	86.59	17.91	1212.8	329	6.6	1.8	7059	0.11	1.3	<0.1	<0.2	0.2	1243.9	1.21	0.41
2679576	Vegetation	177.00		50.277	0.959	0.59	138.64	17.06	1108.5	993	17.5	3.8	>10000	0.17	<0.1	<0.1	<0.2	0.2	892.6	3.23	0.58
2679577	Vegetation	13.00		50.685	1.007	0.58	131.35	17.07	1453.6	813	15.1	5.9	>10000	0.21	2.2	0.1	0.6	0.2	977.5	0.74	0.62
2679578	Vegetation	159.00		50.225	1.554	0.16	76.39	7.31	1145.9	570	7.6	3.7	>10000	0.06	0.5	<0.1	<0.2	<0.1	744.7	1.26	0.16
2679579	Vegetation	224.00		50.278	1.107	0.47	144.15	14.48	1105.0	409	10.0	5.0	>10000	0.14	3.3	<0.1	<0.2	0.1	853.7	1.79	0.43
2679580	Vegetation	136.00		50.163	0.779	0.67	237.74	21.54	2662.4	617	15.0	5.0	>10000	0.16	1.4	0.1	<0.2	0.2	1204.3	4.57	0.67
2679581	Vegetation	197.00		50.425	1.425	0.24	93.84	9.23	1023.6	640	8.7	3.0	>10000	0.10	1.9	<0.1	<0.2	<0.1	850.5	1.78	0.24
2679582	Vegetation	149.00		50.874	1.290	0.63	67.44	11.78	1081.6	209	19.3	4.1	8445	0.24	2.1	0.1	<0.2	0.2	659.4	0.24	0.68
2679583	Vegetation	188.00		50.212	1.089	0.71	77.85	14.43	947.0	200	24.7	4.4	7507	0.26	2.1	0.2	<0.2	0.2	716.8	0.74	0.57
2679584	Vegetation	112.00		50.436	1.115	0.67	78.68	20.95	1248.1	719	24.1	3.9	6222	0.24	1.9	0.1	<0.2	0.3	934.2	0.58	0.62

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679555	Vegetation	0.32	7	36.46	0.542	1.9	4.4	0.96	1636.6	0.006	386	0.22	0.201	1.49	0.2	1.2	<0.02	1.17	1.9	0.02	1.0
2679556	Vegetation	0.22	7	34.71	0.696	1.8	4.7	1.10	981.0	0.006	478	0.27	0.186	2.58	0.1	1.2	<0.02	1.18	0.8	<0.02	0.9
2679557	Vegetation	0.02	2	36.71	0.300	1.2	1.3	0.52	2463.5	0.002	187	0.19	0.067	1.98	<0.1	0.5	<0.02	0.51	0.5	<0.02	0.3
2679558	Vegetation	0.17	6	34.31	0.718	2.1	4.9	1.11	3284.0	0.006	410	0.37	0.122	1.86	0.1	1.5	<0.02	0.77	0.7	0.04	1.0
2679559	Vegetation	0.36	10	35.28	0.728	3.0	6.2	1.11	2075.0	0.008	405	0.50	0.139	1.71	0.2	1.5	<0.02	1.33	1.0	<0.02	1.4
2679560	Vegetation	0.28	10	33.90	0.902	2.9	8.4	1.66	2620.0	0.010	568	0.50	0.194	2.70	0.3	1.8	<0.02	0.99	1.2	0.02	1.3
2679561	Vegetation	0.33	9	35.25	0.862	2.5	4.9	1.41	2221.8	0.008	496	0.35	0.157	1.94	0.3	1.6	<0.02	1.02	1.5	0.08	1.0
2679562	Vegetation	0.19	6	34.18	0.771	1.7	8.4	1.09	3789.4	0.006	518	0.34	0.130	1.81	0.1	1.3	<0.02	0.70	1.1	0.02	1.1
2679563	Vegetation	0.16	6	34.40	0.915	1.7	4.1	1.14	2782.9	0.006	629	0.25	0.163	2.11	0.6	1.3	<0.02	0.80	0.8	<0.02	1.2
2679564 TECH ASH-1	Ash	0.08	59	17.96	0.257	13.6	169.9	2.08	109.5	0.020	325	3.15	0.652	1.37	<0.1	10.6	0.14	0.46	0.6	<0.02	6.8
2679565	Vegetation	0.40	8	34.19	0.963	2.9	4.6	0.89	2288.9	0.014	298	0.32	0.197	1.99	0.3	2.4	<0.02	0.73	0.9	0.08	2.1
2679566	Vegetation	0.33	6	35.01	0.623	2.3	3.5	0.81	4270.8	0.008	237	0.39	0.125	1.52	<0.1	2.3	<0.02	0.58	1.2	0.29	1.7
2679567	Vegetation	0.17	4	34.84	0.481	1.3	2.7	0.70	2456.1	0.008	284	0.21	0.157	2.00	<0.1	2.1	<0.02	0.63	0.7	0.14	1.5
2679568	Vegetation	0.10	3	36.25	0.330	0.8	1.5	0.54	3815.3	0.004	197	0.10	0.059	1.02	<0.1	2.4	<0.02	0.64	0.2	0.08	1.4
2679569	Vegetation	0.09	2	35.91	0.328	0.7	1.4	0.80	2602.7	0.004	185	0.20	0.053	1.41	<0.1	1.9	<0.02	0.37	0.3	0.20	1.0
2679570	Vegetation	0.25	6	34.45	0.549	1.9	2.7	0.65	4581.4	0.007	250	0.17	0.080	1.00	0.1	2.3	<0.02	0.53	<0.1	0.12	2.0
2679571	Vegetation	0.16	4	37.40	0.445	1.8	2.1	0.84	3898.2	0.006	223	0.37	0.087	1.17	<0.1	2.0	<0.02	0.43	0.3	0.10	1.4
2679572	Vegetation	0.39	10	32.37	1.169	3.3	4.4	1.10	193.9	0.014	459	0.32	0.356	1.70	0.2	2.6	<0.02	2.04	2.3	0.17	2.9
2679573	Vegetation	0.03	2	37.65	0.318	0.7	1.5	0.55	4358.0	0.003	218	0.17	0.061	1.54	<0.1	0.7	<0.02	0.33	0.6	<0.02	0.2
2679574	Vegetation	0.12	6	34.45	0.959	1.9	4.0	0.82	2921.0	0.007	452	0.25	0.145	2.10	0.2	1.4	<0.02	0.51	0.7	<0.02	0.9
2679575	Vegetation	0.07	3	38.27	0.511	1.5	2.0	0.76	3431.5	0.004	252	0.15	0.116	1.73	0.7	0.9	<0.02	0.46	0.5	<0.02	0.5
2679576	Vegetation	0.11	3	37.44	0.633	1.3	3.1	0.83	3085.3	0.005	385	0.20	0.101	1.79	0.1	1.2	<0.02	0.58	1.1	<0.02	0.7
2679577	Vegetation	0.03	5	34.80	0.816	1.6	3.8	0.90	1729.8	0.007	525	0.23	0.166	2.00	0.2	1.4	<0.02	0.81	0.8	0.03	1.0
2679578	Vegetation	<0.02	<2	38.56	0.365	<0.5	1.5	0.76	3312.4	0.002	340	0.07	0.078	1.13	<0.1	0.5	<0.02	0.47	0.5	<0.02	0.4
2679579	Vegetation	0.10	3	38.21	0.564	1.0	2.5	0.72	1863.0	0.004	456	0.12	0.121	1.93	0.1	0.9	<0.02	0.78	0.7	0.05	0.7
2679580	Vegetation	0.14	4	36.42	0.944	1.5	3.3	0.93	2193.6	0.006	586	0.18	0.138	2.33	0.1	1.2	<0.02	0.76	0.9	<0.02	0.9
2679581	Vegetation	0.04	2	38.23	0.480	0.9	1.9	0.59	3517.1	0.003	306	0.10	0.071	1.12	<0.1	0.6	<0.02	0.44	0.6	<0.02	0.6
2679582	Vegetation	<0.02	6	36.66	0.604	1.9	4.0	0.73	778.3	0.005	356	0.27	0.121	0.88	0.2	1.2	<0.02	0.92	0.8	<0.02	0.8
2679583	Vegetation	0.09	6	37.42	0.579	1.9	4.4	0.71	1582.6	0.006	364	0.28	0.116	1.15	0.1	1.3	<0.02	0.87	1.3	<0.02	0.9
2679584	Vegetation	0.12	5	35.74	0.629	1.7	3.4	1.00	2398.5	0.006	387	0.41	0.099	1.48	0.1	1.2	<0.02	0.74	0.8	0.03	0.8

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679555	Vegetation	0.52	<0.1	0.09	0.15	50.8	0.9	<0.05	1.9	1.07	4.3	<0.02	11	0.1	9.5	<10	2
2679556	Vegetation	1.07	0.1	0.06	0.18	83.1	0.9	<0.05	1.5	0.87	3.4	<0.02	7	<0.1	7.0	<10	3
2679557	Vegetation	0.24	<0.1	0.02	0.06	47.3	0.2	<0.05	0.6	0.49	1.3	<0.02	6	<0.1	2.4	<10	3
2679558	Vegetation	0.93	<0.1	0.08	0.18	80.5	0.9	<0.05	2.2	1.12	3.8	0.03	8	<0.1	8.6	<10	3
2679559	Vegetation	1.48	<0.1	0.07	0.17	76.0	1.2	<0.05	2.0	1.69	5.8	0.06	15	0.2	6.1	<10	3
2679560	Vegetation	1.46	<0.1	0.08	0.23	86.3	1.2	<0.05	2.5	1.65	6.0	0.05	27	0.2	9.0	<10	6
2679561	Vegetation	1.45	<0.1	0.03	0.17	78.4	1.0	<0.05	2.1	1.41	5.4	0.05	6	0.2	9.7	<10	<2
2679562	Vegetation	1.28	<0.1	0.03	0.15	93.5	0.7	<0.05	1.5	0.88	3.4	<0.02	8	<0.1	8.1	<10	2
2679563	Vegetation	1.45	0.2	0.05	0.18	131.1	0.7	<0.05	1.3	0.95	3.6	0.04	2	<0.1	8.9	<10	3
2679564 TECH ASH-1	Ash	1.09	0.1	0.26	0.03	20.2	0.8	<0.05	7.9	10.24	30.9	<0.02	2	0.5	13.3	13	4
2679565	Vegetation	1.21	0.1	0.04	0.21	96.6	1.2	<0.05	1.9	1.81	5.3	0.03	<1	<0.1	15.8	<10	3
2679566	Vegetation	0.60	<0.1	0.07	0.18	65.9	0.9	<0.05	1.6	1.65	3.8	0.03	2	0.1	10.0	<10	3
2679567	Vegetation	0.48	0.1	0.04	0.16	70.0	0.6	<0.05	1.5	1.04	2.3	0.03	1	<0.1	9.8	<10	<2
2679568	Vegetation	0.36	<0.1	<0.02	0.10	42.9	0.4	<0.05	0.8	0.75	1.4	<0.02	7	0.1	2.8	<10	5
2679569	Vegetation	0.41	<0.1	<0.02	0.07	49.0	0.3	<0.05	0.6	0.77	1.2	<0.02	6	0.2	2.0	<10	4
2679570	Vegetation	0.79	<0.1	0.05	0.12	55.8	0.7	<0.05	1.3	1.38	3.3	0.03	8	0.1	3.0	<10	4
2679571	Vegetation	1.06	<0.1	0.05	0.17	53.9	0.5	<0.05	1.4	1.30	2.9	0.02	1	0.1	4.1	<10	3
2679572	Vegetation	0.57	0.2	0.04	0.17	64.9	1.4	<0.05	1.6	2.10	5.9	0.05	5	0.1	38.4	<10	6
2679573	Vegetation	0.23	<0.1	0.04	0.07	34.1	0.3	<0.05	0.7	0.37	1.3	<0.02	<1	<0.1	3.0	<10	<2
2679574	Vegetation	0.44	<0.1	0.05	0.16	53.5	0.7	<0.05	1.5	1.04	3.9	<0.02	1	0.1	7.6	<10	4
2679575	Vegetation	0.43	0.1	0.05	0.16	56.7	0.3	<0.05	1.0	0.57	1.8	0.02	<1	<0.1	13.6	<10	5
2679576	Vegetation	1.01	<0.1	0.04	0.17	62.2	0.5	<0.05	1.5	0.77	2.7	<0.02	5	<0.1	6.0	<10	<2
2679577	Vegetation	0.38	<0.1	0.03	0.20	56.5	0.6	<0.05	1.5	0.83	3.5	<0.02	<1	<0.1	9.8	<10	5
2679578	Vegetation	0.15	<0.1	0.02	0.07	33.4	0.2	<0.05	0.5	0.26	0.9	<0.02	<1	<0.1	4.0	<10	<2
2679579	Vegetation	0.24	<0.1	0.03	0.12	56.6	0.4	<0.05	0.8	0.51	1.9	<0.02	16	<0.1	3.9	<10	<2
2679580	Vegetation	0.37	0.1	0.07	0.20	62.8	0.9	<0.05	2.1	0.76	3.0	0.03	3	<0.1	10.9	<10	<2
2679581	Vegetation	0.23	<0.1	<0.02	0.09	34.3	0.3	<0.05	0.7	0.43	1.6	<0.02	<1	<0.1	3.6	<10	<2
2679582	Vegetation	0.35	0.2	0.05	0.16	32.2	0.7	<0.05	1.6	1.07	3.9	<0.02	6	<0.1	6.4	<10	<2
2679583	Vegetation	0.33	0.1	<0.02	0.14	42.8	0.6	<0.05	1.6	1.09	4.2	<0.02	<1	<0.1	4.7	<10	4
2679584	Vegetation	1.09	0.1	0.03	0.15	66.3	0.6	<0.05	1.5	0.93	3.6	0.02	8	<0.1	5.7	<10	3

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	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt.	Ash Wt.	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679585	Vegetation	131.00		50.692	1.249	0.66	75.00	17.84	1245.2	419	17.6	3.3	9362	0.35	3.3	0.2	0.2	0.3	821.2	1.11	0.75
2679586	Vegetation	167.00		50.979	0.943	1.00	142.47	26.78	1812.1	486	37.2	5.5	>10000	0.36	2.9	0.2	<0.2	0.4	1005.5	0.64	0.88
2679587	Vegetation	174.00		50.411	1.258	0.56	101.00	37.38	1333.1	529	21.7	3.2	>10000	0.23	2.3	0.1	<0.2	0.2	815.7	6.12	0.42
2679588	Vegetation	127.00		50.819	1.343	0.75	105.09	40.32	2763.2	474	34.2	3.1	>10000	0.29	2.7	0.2	<0.2	0.5	829.2	3.47	0.78
OVEN STD-1	Vegetation			22.391	0.587	1.27	39.00	8.26	1385.0	886	12.0	1.1	>10000	0.15	2.1	2.0	<0.2	0.8	545.6	0.38	0.37
2679589	Vegetation	131.00		50.414	1.001	0.86	133.13	54.42	2637.9	685	44.5	3.8	>10000	0.31	2.4	0.2	<0.2	0.5	1034.9	3.79	1.03
2679590	Vegetation	121.00		50.977	1.044	0.88	162.36	64.04	2426.2	613	38.9	5.1	>10000	0.34	2.5	0.3	<0.2	0.5	1187.1	8.44	1.01
2679591	Vegetation	125.00		50.019	1.097	0.74	94.26	15.94	1229.1	479	13.7	2.1	>10000	0.33	1.5	0.2	<0.2	0.5	428.4	3.41	0.81
2679592	Vegetation	169.00		50.504	1.478	0.55	73.58	12.37	1123.9	267	6.4	1.3	8820	0.19	1.0	0.1	1.4	0.3	527.7	2.18	0.61
2679593 TECH ASH-2	Ash					0.57	120.74	11.28	2641.7	457	11.5	3.2	>10000	0.12	0.6	<0.1	3.6	<0.1	1144.7	5.20	0.27
2679594	Vegetation	149.00		50.677	2.020	0.50	55.86	12.71	1301.3	207	5.0	0.8	3645	0.13	0.5	<0.1	0.4	0.2	890.5	1.28	0.49
2679595	Vegetation	122.00		50.932	1.103	0.82	104.41	23.81	1810.8	461	9.8	2.1	5799	0.31	0.8	0.2	<0.2	0.5	1332.2	1.18	0.73
2679596	Vegetation	159.00		50.543	1.416	0.72	92.01	28.00	2665.8	878	5.5	1.9	4909	0.16	1.3	0.1	<0.2	0.3	1978.4	2.27	0.70
2679597	Vegetation	14.00		50.674	1.617	0.60	64.79	18.09	1942.1	438	6.5	2.1	4815	0.15	2.2	0.1	<0.2	0.3	1351.9	2.43	0.79
2679598	Vegetation	172.00		50.605	1.380	0.70	78.12	23.00	1365.0	402	5.8	1.7	4995	0.24	2.3	0.2	0.9	0.3	1189.6	2.53	0.98
2679599	Vegetation	168.00		50.890	1.639	0.59	58.73	24.17	1377.8	194	5.6	1.7	5292	0.22	1.2	0.1	<0.2	0.3	1240.5	2.37	0.73
2679600	Vegetation	127.00		50.463	0.973	1.01	126.23	20.86	1956.4	676	8.9	1.7	6782	0.30	1.3	0.2	0.6	0.5	1326.3	3.80	0.91

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679585	Vegetation	0.17	8	31.30	0.639	2.9	6.0	0.78	931.5	0.009	288	0.36	0.134	1.24	0.2	1.5	<0.02	0.92	1.3	<0.02	1.3
2679586	Vegetation	0.21	9	33.27	0.832	3.5	7.3	1.08	778.8	0.010	465	0.72	0.134	1.37	0.2	1.9	<0.02	1.00	1.9	0.06	1.4
2679587	Vegetation	0.16	6	35.87	0.547	1.7	4.9	0.96	2108.8	0.006	325	0.40	0.098	1.85	0.1	0.8	0.03	0.80	0.7	<0.02	1.1
2679588	Vegetation	0.31	6	39.00	0.676	2.9	5.8	1.03	2457.0	0.008	333	0.38	0.118	1.28	0.2	1.5	<0.02	0.68	1.1	<0.02	1.2
OVEN STD-1	Vegetation	0.09	<2	26.22	3.130	1.6	5.8	2.37	1249.9	0.007	874	0.16	0.440	9.09	0.4	3.4	<0.02	1.18	0.4	<0.02	1.0
2679589	Vegetation	0.31	8	36.50	0.852	2.9	5.1	1.11	1803.9	0.008	413	0.49	0.105	1.78	0.2	1.5	<0.02	1.02	1.1	<0.02	1.2
2679590	Vegetation	0.35	9	34.55	0.937	3.0	6.2	1.25	2105.5	0.008	440	0.58	0.126	1.79	0.3	1.8	0.09	0.93	1.0	0.04	1.5
2679591	Vegetation	0.25	8	34.79	0.725	2.6	5.7	0.90	2086.9	0.008	396	0.33	0.127	1.98	0.2	1.6	<0.02	0.83	0.9	<0.02	1.2
2679592	Vegetation	0.46	5	34.73	0.359	1.7	3.3	0.52	2221.2	0.006	240	0.17	0.081	1.07	0.1	0.9	<0.02	0.45	0.5	0.08	0.7
2679593 TECH ASH-2	Ash	0.02	3	33.10	0.504	1.2	1.7	0.81	4973.4	0.005	295	0.27	0.039	2.66	<0.1	0.6	0.04	0.45	0.5	0.13	0.5
2679594	Vegetation	0.16	4	37.22	0.274	1.1	2.7	0.40	2985.8	0.004	123	0.11	0.044	0.67	<0.1	0.7	<0.02	0.35	0.2	0.14	0.5
2679595	Vegetation	0.24	7	36.89	0.723	3.0	6.0	0.88	3153.5	0.008	441	0.32	0.094	1.51	0.2	1.7	<0.02	0.61	0.6	<0.02	1.1
2679596	Vegetation	0.11	4	38.45	0.396	1.6	2.7	0.57	5150.6	0.004	270	0.15	0.060	0.87	0.1	0.8	<0.02	0.41	1.1	<0.02	0.7
2679597	Vegetation	0.11	4	38.65	0.302	1.6	2.9	0.50	4430.3	0.004	140	0.15	0.041	0.68	0.2	0.8	<0.02	0.46	0.7	<0.02	0.6
2679598	Vegetation	0.18	6	36.68	0.331	1.8	3.3	0.39	3696.2	0.005	183	0.18	0.073	0.83	<0.1	0.9	<0.02	0.49	1.0	<0.02	0.8
2679599	Vegetation	0.15	5	37.23	0.335	1.8	2.9	0.45	3711.6	0.004	161	0.17	0.060	0.83	0.1	0.9	0.04	0.60	0.4	<0.02	0.8
2679600	Vegetation	0.29	7	35.19	0.608	2.9	4.7	0.71	4009.3	0.008	351	0.28	0.120	1.44	0.2	1.0	0.02	0.61	0.2	0.19	1.2

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

CERTIFICATE OF ANALYSIS TIM14000012.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
2679585	Vegetation	1.08	<0.1	0.06	0.18	51.3	0.9	<0.05	1.9	1.59	7.2	0.02	2	<0.1	7.6	<10	5
2679586	Vegetation	0.77	<0.1	0.05	0.23	56.9	1.1	<0.05	2.4	1.90	7.5	0.04	4	0.2	5.4	<10	3
2679587	Vegetation	1.22	<0.1	0.02	0.15	78.2	0.6	<0.05	1.1	0.88	3.6	<0.02	5	0.1	3.3	<10	<2
2679588	Vegetation	2.03	0.2	0.09	0.17	64.7	1.1	<0.05	2.5	1.40	5.3	0.03	5	<0.1	11.7	<10	3
OVEN STD-1	Vegetation	1.16	<0.1	<0.02	0.13	157.6	3.4	<0.05	1.4	0.50	3.2	<0.02	<1	0.1	4.1	<10	<2
2679589	Vegetation	1.88	<0.1	0.08	0.16	101.1	1.2	<0.05	2.4	1.63	5.9	0.05	22	<0.1	5.9	<10	<2
2679590	Vegetation	1.97	<0.1	0.05	0.17	84.7	1.3	<0.05	2.5	1.65	6.1	0.06	11	0.2	8.8	<10	3
2679591	Vegetation	1.07	0.1	0.09	0.16	55.8	1.0	<0.05	2.0	1.31	5.0	0.02	10	0.1	5.8	<10	4
2679592	Vegetation	0.46	<0.1	0.05	0.12	28.2	0.6	<0.05	1.5	0.87	3.3	<0.02	5	0.1	4.0	<10	2
2679593 TECH ASH-2	Ash	0.62	<0.1	<0.02	0.06	62.7	0.1	<0.05	0.6	0.57	1.3	<0.02	<1	<0.1	0.7	<10	2
2679594	Vegetation	0.17	<0.1	0.02	0.10	17.5	0.4	<0.05	1.0	0.68	2.3	<0.02	<1	<0.1	2.5	<10	<2
2679595	Vegetation	0.60	<0.1	0.07	0.16	54.4	0.8	<0.05	2.5	1.73	6.0	<0.02	4	<0.1	6.6	<10	3
2679596	Vegetation	0.37	0.1	0.03	0.12	25.9	0.5	<0.05	1.4	1.03	3.2	0.02	<1	<0.1	4.3	<10	3
2679597	Vegetation	0.25	<0.1	0.05	0.10	17.9	0.5	<0.05	1.2	0.92	3.2	0.02	1	<0.1	4.3	<10	2
2679598	Vegetation	0.27	0.1	0.04	0.12	21.8	0.9	<0.05	1.7	1.14	3.6	0.03	<1	<0.1	7.7	<10	<2
2679599	Vegetation	0.34	0.1	0.06	0.14	21.9	0.7	<0.05	1.6	1.04	3.7	<0.02	<1	<0.1	5.7	<10	4
2679600	Vegetation	0.71	0.1	0.09	0.18	45.7	1.0	<0.05	2.5	1.43	5.7	0.04	12	<0.1	6.3	<10	7

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

QUALITY CONTROL REPORT TIM14000012.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
2679515	Vegetation	154.00		50.827	1.178	0.74	65.60	15.78	2451.9	240	8.4	3.4	7158	0.26	1.6	0.2	2.0	0.4	1004.3	3.17	0.73
REP 2679515	QC					0.64	62.88	15.50	2430.3	219	7.1	3.0	7116	0.26	1.1	0.2	3.9	0.3	962.4	3.11	0.73
2679570	Vegetation	19.00		50.578	1.073	0.67	126.47	16.98	1435.9	675	23.5	8.0	>10000	0.20	0.8	0.1	0.6	0.3	878.3	4.56	0.69
REP 2679570	QC					0.65	129.88	16.93	1402.7	646	22.9	8.5	>10000	0.20	1.0	0.1	<0.2	0.3	871.9	4.29	0.67
2679587	Vegetation	174.00		50.411	1.258	0.56	101.00	37.38	1333.1	529	21.7	3.2	>10000	0.23	2.3	0.1	<0.2	0.2	815.7	6.12	0.42
REP 2679587	QC					0.54	101.56	37.89	1353.8	522	22.1	3.8	>10000	0.23	2.6	0.1	<0.2	0.3	830.9	6.25	0.56
2679594	Vegetation	149.00		50.677	2.020	0.50	55.86	12.71	1301.3	207	5.0	0.8	3645	0.13	0.5	<0.1	0.4	0.2	890.5	1.28	0.49
REP 2679594	QC					0.46	53.50	11.90	1258.0	175	2.9	0.6	3645	0.12	1.0	<0.1	0.6	0.2	835.1	1.18	0.46
2679600	Vegetation	127.00		50.463	0.973	1.01	126.23	20.86	1956.4	676	8.9	1.7	6782	0.30	1.3	0.2	0.6	0.5	1326.3	3.80	0.91
REP 2679600	QC					0.94	128.56	20.33	1791.6	668	7.8	1.3	6654	0.31	0.5	0.1	2.2	0.4	1318.8	3.99	0.79
Reference Materials																					
STD ASH-1	Standard					0.93	80.52	9.56	181.4	46	144.5	17.1	1237	2.52	4.6	0.7	8.4	4.1	1068.7	0.28	0.18
STD ASH-1	Standard					0.88	82.10	9.93	187.6	30	148.3	18.6	1287	2.48	4.5	0.7	5.8	4.2	1081.8	0.25	0.19
STD ASH-1	Standard					0.86	79.40	9.28	184.8	50	142.2	18.1	1197	2.47	3.8	0.7	3.0	3.9	998.7	0.27	0.16
STD ASH-1	Standard					0.87	81.36	8.02	164.5	51	139.3	18.4	1216	2.51	3.8	0.6	4.3	3.5	1036.2	0.28	0.14
STD ASH-1	Standard					0.88	83.42	9.37	158.5	38	146.7	19.7	1296	2.45	4.4	0.7	5.7	4.2	1025.3	0.28	0.17
STD ASH-1	Standard					0.82	80.30	8.81	212.9	44	139.3	17.1	1174	2.33	4.2	0.7	5.2	3.7	1005.6	0.26	0.16
STD DS10	Standard					13.29	160.86	165.63	368.9	1974	80.8	13.1	932	2.81	49.1	2.5	327.7	7.3	62.0	2.54	8.17
STD DS10	Standard					16.21	168.99	152.30	394.9	2056	82.8	12.9	962	2.68	46.9	3.0	129.4	8.3	71.2	2.82	9.04
STD DS10	Standard					13.23	158.17	162.24	365.5	2122	78.7	12.4	923	2.90	46.2	2.8	75.2	7.7	63.5	2.54	8.74
STD DS10	Standard					12.63	158.08	144.67	353.3	2356	71.4	12.5	954	2.88	49.9	2.3	43.2	5.9	61.0	2.41	9.41
STD DS10	Standard					12.61	164.30	163.95	417.0	1926	81.6	13.4	899	2.84	47.8	2.6	50.6	8.2	72.3	2.95	10.33
STD DS10	Standard					12.26	157.10	149.85	411.0	1689	76.7	12.4	855	2.72	44.3	2.2	56.9	6.7	63.2	2.54	9.28
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					<0.01	0.05	<0.01	<0.1	<2	0.1	<0.1	<1	<0.01	0.5	<0.1	<0.2	<0.1	0.7	<0.01	<0.02
BLK	Blank					<0.01	<0.01	0.03	<0.1	8	<0.1	<0.1	2	<0.01	<0.1	<0.1	<0.2	<0.1	0.6	<0.01	<0.02
BLK	Blank					<0.01	0.02	<0.01	0.6	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	0.6	<0.01	<0.02

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Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

QUALITY CONTROL REPORT TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
2679515	Vegetation	0.21	7	35.28	0.471	2.0	4.5	0.92	2481.2	0.007	418	0.21	0.184	1.00	0.1	1.3	<0.02	0.79	0.9	0.03	0.9
REP 2679515	QC	0.19	7	35.50	0.465	2.0	4.5	0.89	1947.4	0.006	388	0.21	0.182	1.00	0.2	1.4	<0.02	0.77	1.1	<0.02	0.8
2679570	Vegetation	0.25	6	34.45	0.549	1.9	2.7	0.65	4581.4	0.007	250	0.17	0.080	1.00	0.1	2.3	<0.02	0.53	<0.1	0.12	2.0
REP 2679570	QC	0.25	5	35.19	0.525	1.9	2.7	0.62	4777.8	0.007	248	0.18	0.082	1.01	<0.1	2.3	<0.02	0.54	0.5	0.26	2.2
2679587	Vegetation	0.16	6	35.87	0.547	1.7	4.9	0.96	2108.8	0.006	325	0.40	0.098	1.85	0.1	0.8	0.03	0.80	0.7	<0.02	1.1
REP 2679587	QC	0.19	5	36.78	0.535	2.2	5.2	0.94	2317.2	0.007	393	0.47	0.101	1.91	0.2	1.2	0.07	0.82	0.8	0.03	1.2
2679594	Vegetation	0.16	4	37.22	0.274	1.1	2.7	0.40	2985.8	0.004	123	0.11	0.044	0.67	<0.1	0.7	<0.02	0.35	0.2	0.14	0.5
REP 2679594	QC	0.14	4	36.73	0.267	1.0	2.3	0.37	2947.3	0.004	141	0.10	0.047	0.67	<0.1	0.5	<0.02	0.35	0.4	0.12	0.5
2679600	Vegetation	0.29	7	35.19	0.608	2.9	4.7	0.71	4009.3	0.008	351	0.28	0.120	1.44	0.2	1.0	0.02	0.61	0.2	0.19	1.2
REP 2679600	QC	0.25	8	35.08	0.601	2.4	4.5	0.68	3869.1	0.008	321	0.27	0.118	1.43	0.2	1.3	0.02	0.63	0.4	0.11	1.1
Reference Materials																					
STD ASH-1	Standard	0.11	54	19.28	0.272	14.1	174.6	2.03	104.3	0.019	321	3.17	0.613	1.34	<0.1	9.5	0.13	0.44	0.4	0.03	6.0
STD ASH-1	Standard	0.12	58	18.65	0.269	13.5	169.2	2.13	106.2	0.021	330	3.18	0.554	1.21	0.1	9.5	0.14	0.43	0.4	0.02	6.3
STD ASH-1	Standard	0.10	55	18.09	0.249	14.5	166.2	2.10	100.0	0.019	356	3.08	0.649	1.35	<0.1	9.5	0.13	0.47	0.9	<0.02	6.4
STD ASH-1	Standard	0.11	58	18.11	0.274	13.2	158.1	2.11	110.3	0.019	332	3.09	0.646	1.35	0.1	10.7	0.12	0.47	0.6	0.12	7.0
STD ASH-1	Standard	0.13	54	17.69	0.247	14.6	166.8	2.06	107.6	0.024	304	3.03	0.546	1.31	<0.1	10.0	0.15	0.45	0.5	0.04	6.5
STD ASH-1	Standard	0.10	53	17.39	0.248	13.9	154.0	1.97	100.3	0.021	361	2.91	0.629	1.29	<0.1	9.2	0.12	0.44	0.8	0.10	6.5
STD DS10	Standard	11.85	42	1.01	0.085	15.5	57.3	0.80	404.7	0.064	<1	0.95	0.058	0.35	4.4	3.0	5.19	0.29	2.3	5.11	4.1
STD DS10	Standard	12.28	49	1.13	0.081	19.0	61.9	0.85	423.0	0.076	<1	1.09	0.073	0.37	3.8	3.1	5.73	0.32	2.2	5.65	4.9
STD DS10	Standard	11.84	46	1.06	0.081	17.2	56.7	0.79	432.6	0.074	16	1.04	0.068	0.36	3.8	2.9	5.32	0.30	2.5	4.98	4.3
STD DS10	Standard	10.52	46	1.10	0.081	14.6	56.1	0.73	399.5	0.077	<1	0.98	0.068	0.35	3.6	3.3	5.38	0.31	2.6	5.69	4.0
STD DS10	Standard	13.70	42	1.06	0.081	18.0	57.1	0.84	429.8	0.085	<1	0.98	0.067	0.34	4.2	2.9	5.70	0.30	2.3	6.03	4.7
STD DS10	Standard	11.55	40	1.01	0.076	16.4	53.8	0.75	390.5	0.080	5	0.98	0.064	0.33	3.3	2.9	4.97	0.28	2.3	4.98	4.1
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	0.03	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	0.02	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.3	<0.02	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.02	<2	0.02	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	0.01	<0.1	0.2	<0.02	<0.02	<0.1	<0.02	<0.1

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

QUALITY CONTROL REPORT TIM14000012.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
2679515	Vegetation	0.56	0.1	0.04	0.18	26.4	0.8	<0.05	1.9	1.05	3.7	<0.02	3	<0.1	18.0	<10	<2
REP 2679515	QC	0.59	<0.1	0.05	0.16	25.0	0.7	<0.05	1.9	1.05	3.8	<0.02	2	<0.1	18.2	<10	<2
2679570	Vegetation	0.79	<0.1	0.05	0.12	55.8	0.7	<0.05	1.3	1.38	3.3	0.03	8	0.1	3.0	<10	4
REP 2679570	QC	0.80	<0.1	0.06	0.14	55.9	0.7	<0.05	1.4	1.48	3.4	0.03	1	<0.1	3.1	<10	3
2679587	Vegetation	1.22	<0.1	0.02	0.15	78.2	0.6	<0.05	1.1	0.88	3.6	<0.02	5	0.1	3.3	<10	<2
REP 2679587	QC	1.24	0.1	0.05	0.18	79.9	0.9	<0.05	1.1	0.91	3.6	0.02	14	<0.1	3.4	<10	4
2679594	Vegetation	0.17	<0.1	0.02	0.10	17.5	0.4	<0.05	1.0	0.68	2.3	<0.02	<1	<0.1	2.5	<10	<2
REP 2679594	QC	0.16	<0.1	0.03	0.09	15.6	0.4	<0.05	0.9	0.61	2.1	<0.02	3	<0.1	2.5	<10	3
2679600	Vegetation	0.71	0.1	0.09	0.18	45.7	1.0	<0.05	2.5	1.43	5.7	0.04	12	<0.1	6.3	<10	7
REP 2679600	QC	0.62	<0.1	0.09	0.16	43.1	0.8	<0.05	2.3	1.28	5.1	0.03	3	0.1	5.3	<10	4
Reference Materials																	
STD ASH-1	Standard	1.01	<0.1	0.30	0.03	18.6	0.7	<0.05	7.5	9.88	28.8	0.04	1	0.4	13.2	<10	4
STD ASH-1	Standard	1.04	0.1	0.22	<0.02	18.8	0.8	<0.05	7.6	9.67	28.6	0.04	1	0.4	12.5	<10	4
STD ASH-1	Standard	1.04	<0.1	0.26	0.07	20.0	0.8	<0.05	7.7	10.16	30.7	0.03	<1	0.5	12.0	<10	5
STD ASH-1	Standard	1.10	0.1	0.21	0.04	20.8	0.9	<0.05	7.9	9.82	30.3	0.02	6	0.9	13.2	<10	<2
STD ASH-1	Standard	1.06	<0.1	0.27	0.04	20.6	0.9	<0.05	7.4	9.64	29.1	0.04	<1	0.6	10.7	<10	2
STD ASH-1	Standard	1.06	0.1	0.24	0.05	19.1	0.8	<0.05	7.4	10.50	28.7	0.03	<1	0.5	12.2	<10	3
STD DS10	Standard	2.87	<0.1	0.04	1.60	29.5	1.6	<0.05	2.1	7.47	34.2	0.22	45	0.4	21.5	127	228
STD DS10	Standard	3.18	<0.1	0.03	1.70	32.2	1.7	<0.05	2.3	8.47	42.1	0.26	64	0.7	22.3	121	212
STD DS10	Standard	2.86	<0.1	0.03	1.79	29.2	1.6	<0.05	2.1	7.76	37.8	0.28	47	0.8	21.2	120	195
STD DS10	Standard	2.81	<0.1	0.05	1.48	30.5	1.7	<0.05	2.2	6.80	32.5	0.25	59	1.0	19.0	79	189
STD DS10	Standard	3.01	<0.1	0.04	1.54	30.8	1.8	<0.05	2.3	8.05	36.6	0.29	49	0.5	19.0	105	204
STD DS10	Standard	2.75	<0.1	0.06	1.55	27.4	1.4	<0.05	2.2	7.44	33.3	0.23	36	0.7	19.7	100	179
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<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	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	3	<0.1	<0.1	<10	2

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 19, 2014

QUALITY CONTROL REPORT TIM14000012.1

		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
		Wgt	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
		0.01	0.01	0.001	0.001	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
BLK	Blank					<0.01	0.06	0.05	0.7	4	<0.1	<0.1	2	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	<0.01	0.03	<0.1	19	<0.1	<0.1	4	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	0.02	<0.01	<0.1	7	<0.1	<0.1	6	<0.01	<0.1	<0.1	<0.2	<0.1	1.1	<0.01	<0.02
Prep Wash																					
RICE	Prep Blank			100.527	0.271	57.14	718.39	4.99	5041.4	990	77.1	2.0	2206	0.07	16.9	<0.1	0.6	<0.1	38.0	2.64	0.44
RICE	Prep Blank			100.483	0.280	55.24	702.39	5.69	4937.5	939	73.8	1.9	2147	0.06	14.3	<0.1	<0.2	<0.1	38.3	2.37	0.45

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QUALITY CONTROL REPORT TIM14000012.1

		VG104 Bi ppm 0.02	VG104 V ppm 2	VG104 Ca % 0.01	VG104 P % 0.001	VG104 La ppm 0.5	VG104 Cr ppm 0.5	VG104 Mg % 0.01	VG104 Ba ppm 0.5	VG104 Ti % 0.001	VG104 B ppm 1	VG104 Al % 0.01	VG104 Na % 0.001	VG104 K % 0.01	VG104 W ppm 0.1	VG104 Sc ppm 0.1	VG104 Tl ppm 0.02	VG104 S % 0.02	VG104 Se ppm 0.1	VG104 Te ppm 0.02	VG104 Ga ppm 0.1
BLK	Blank	<0.02	<2	0.02	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.5	<0.02	<0.02	<0.1	0.03	<0.1
BLK	Blank	<0.02	<2	0.02	<0.001	<0.5	<0.5	<0.01	0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	0.06	0.5
BLK	Blank	<0.02	<2	0.04	<0.001	<0.5	0.7	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	0.04	<0.1
Prep Wash																					
RICE	Prep Blank	0.09	<2	1.18	>5	<0.5	4.1	3.17	12.3	0.010	>2000	0.02	0.495	>10	<0.1	0.4	0.10	0.03	0.6	0.13	1.0
RICE	Prep Blank	0.10	<2	1.15	>5	<0.5	2.0	3.09	14.1	0.008	>2000	0.02	0.432	>10	<0.1	0.4	0.08	<0.02	0.6	0.03	1.1

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QUALITY CONTROL REPORT TIM14000012.1

		VG104 Cs ppm 0.02	VG104 Ge ppm 0.1	VG104 Hf ppm 0.02	VG104 Nb ppm 0.02	VG104 Rb ppm 0.1	VG104 Sn ppm 0.1	VG104 Ta ppm 0.05	VG104 Zr ppm 0.1	VG104 Y ppm 0.01	VG104 Ce ppm 0.1	VG104 In ppm 0.02	VG104 Re ppb 1	VG104 Be ppm 0.1	VG104 Li ppm 0.1	VG104 Pd ppb 10	VG104 Pt ppb 2
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	0.1	<0.1	<10	3
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<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
Prep Wash																	
RICE	Prep Blank	1.54	0.2	0.05	0.02	704.7	0.1	<0.05	1.1	0.07	0.1	<0.02	<1	<0.1	4.4	<10	<2
RICE	Prep Blank	1.54	0.1	0.03	0.03	688.7	0.1	<0.05	0.9	0.05	0.1	<0.02	<1	<0.1	3.5	<10	3

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 14, 2014
Report Date: November 18, 2014
Page: 1 of 7

CERTIFICATE OF ANALYSIS TIM14000013.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00014
Shipment ID: ROL_2014_021
P.O. Number
Number of Samples: 152

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	144	Plant Maceration to 1mm			VAN
VA475	144	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	152	Analysis sample split/packet			VAN
VG104-EXT	152	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679601	Vegetation	119.00		50.855	0.757	1.54	118.23	17.56	2763.7	573	14.0	2.5	>10000	0.46	1.5	0.4	3.0	1.0	811.5	2.35	1.73
2679602 TECK ASH-1	Ash					0.99	86.08	9.84	215.4	40	144.8	20.5	1206	2.40	3.5	0.8	5.0	4.6	1052.3	0.25	0.16
2679603	Vegetation	122.00		50.897	0.904	0.93	123.03	12.69	1689.6	512	8.9	1.4	7078	0.30	0.5	0.2	0.7	0.7	733.4	1.55	0.98
OVEN STD-1	Vegetation			21.953	0.576	0.99	46.14	9.01	1696.0	865	13.5	0.7	>10000	0.16	2.5	2.6	<0.2	1.2	579.1	0.26	0.48
2679604	Vegetation	129.00		50.820	1.457	0.73	75.40	8.59	1729.6	485	6.0	1.3	7682	0.22	0.7	0.2	<0.2	0.5	1062.2	1.24	0.63
2679605	Vegetation	155.00		50.891	1.167	0.63	106.27	21.27	1775.7	700	5.9	1.4	>10000	0.19	0.4	0.1	0.3	0.4	799.2	4.27	0.53
2679606	Vegetation	224.00		50.435	1.579	0.44	76.47	21.97	1619.0	240	7.9	1.4	>10000	0.11	0.7	<0.1	<0.2	0.2	596.8	7.31	0.33
2679607	Vegetation	155.00		50.945	1.100	0.76	128.46	31.66	1621.2	544	9.3	1.0	9359	0.19	1.3	0.2	<0.2	0.4	661.5	5.07	0.86
2679608	Vegetation	163.00		50.827	1.780	0.82	61.09	37.01	2122.0	261	6.5	1.5	7374	0.19	1.6	0.2	<0.2	0.3	1389.7	5.17	0.85
2679609	Vegetation	188.00		50.666	0.842	0.79	135.97	44.31	2281.5	567	7.3	1.3	>10000	0.23	1.3	0.2	0.7	0.4	1172.4	5.08	0.81
2679610	Vegetation	143.00		50.464	1.320	0.84	104.09	36.40	2835.2	495	10.4	2.3	>10000	0.23	1.4	0.2	<0.2	0.5	802.1	11.31	0.94
2679611	Vegetation	194.00		50.952	1.826	0.44	57.34	29.64	1997.9	180	5.0	1.3	6681	0.16	3.2	<0.1	<0.2	0.2	1422.6	4.23	0.42
2679612	Vegetation	163.00		50.625	1.635	0.55	75.39	28.39	2861.7	289	5.4	3.7	>10000	0.16	0.8	0.1	<0.2	0.3	1424.8	8.77	0.48
2679613	Vegetation	132.00		50.741	1.074	0.86	124.65	62.19	3020.6	569	9.0	1.8	>10000	0.23	1.5	0.2	0.5	0.4	997.3	6.76	0.93
2679614	Vegetation	152.00		50.140	0.887	1.01	154.99	51.08	2995.6	535	13.4	2.9	>10000	0.28	1.6	0.2	2.8	0.5	875.2	7.91	1.03
2679615	Vegetation	159.00		50.443	1.239	0.74	131.88	55.11	2499.1	799	19.2	2.6	>10000	0.21	1.3	0.1	0.6	0.3	797.0	16.40	0.74
2679616	Vegetation	149.00		50.988	1.405	0.49	99.60	43.21	1728.4	351	14.6	2.2	>10000	0.15	0.6	0.1	<0.2	0.3	613.4	6.06	0.59
2679617 TECK ASH-1	Ash					0.95	86.37	10.16	206.5	34	148.5	19.7	1267	2.57	4.2	0.7	6.6	5.0	1010.1	0.30	0.20
2679618	Vegetation	146.00		50.355	1.200	0.73	123.51	64.85	1953.9	778	13.2	4.0	>10000	0.16	1.3	0.1	0.8	0.3	717.0	9.95	0.71
2679619	Vegetation	129.00		50.732	1.095	0.68	104.44	43.90	1500.4	453	11.6	6.7	>10000	0.19	0.9	0.2	0.8	0.3	697.6	9.74	0.69
2679620	Vegetation	166.00		50.201	1.906	0.67	78.89	16.59	984.0	398	8.1	4.5	>10000	0.12	2.4	<0.1	0.2	0.2	1112.3	17.23	0.41
2679621	Vegetation	144.00		50.536	1.210	0.83	99.26	31.06	1451.3	542	15.7	3.7	>10000	0.24	2.2	0.2	<0.2	0.4	568.9	6.22	0.84
2679622	Vegetation	114.00		50.436	0.984	1.20	113.32	42.26	2638.9	355	8.9	1.9	>10000	0.29	1.5	0.2	<0.2	0.7	1121.1	3.56	1.09
2679623	Vegetation	124.00		50.643	1.293	0.80	86.99	36.12	2246.9	376	8.4	2.0	>10000	0.18	1.3	0.1	<0.2	0.3	1029.8	6.51	0.56
2679624	Vegetation	149.00		50.345	1.953	0.47	51.27	10.59	998.4	140	6.2	3.9	8458	0.11	1.1	<0.1	0.3	0.2	797.9	3.74	0.44
2679625	Vegetation	120.00		50.832	0.991	0.91	114.70	63.82	2707.0	658	37.3	4.1	>10000	0.24	0.9	0.2	0.6	0.4	821.5	7.83	1.05
2679626	Vegetation	135.00		50.799	1.158	0.71	115.92	48.54	2326.3	741	23.0	1.5	>10000	0.15	0.8	0.1	0.4	0.3	677.8	3.50	0.61
2679627	Vegetation	153.00		50.726	1.078	1.16	119.27	48.68	2105.2	677	26.8	2.7	>10000	0.27	3.2	0.2	0.8	0.4	507.3	5.71	1.01
2679628	Vegetation	151.00		50.829	1.089	1.06	105.92	55.20	2909.8	669	12.3	2.7	>10000	0.25	1.6	0.2	<0.2	0.5	1253.1	7.48	0.97
2679629	Vegetation	127.00		50.655	1.641	0.91	77.91	26.77	1957.8	348	7.7	1.6	8129	0.21	3.0	0.2	<0.2	0.4	1574.1	2.64	0.83

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679601	Vegetation	0.61	12	31.73	0.837	4.8	9.3	1.12	496.3	0.016	393	0.45	0.177	1.71	0.3	1.7	<0.02	1.11	2.5	<0.02	2.3
2679602 TECK ASH-1	Ash	0.15	54	19.24	0.261	15.4	164.5	2.06	116.7	0.024	344	3.18	0.618	1.34	<0.1	10.1	0.14	0.45	0.5	<0.02	6.3
2679603	Vegetation	0.35	8	35.78	0.646	3.2	7.0	0.83	2184.1	0.011	291	0.28	0.161	1.53	0.1	1.2	<0.02	0.91	1.7	<0.02	1.2
OVEN STD-1	Vegetation	0.20	3	26.45	2.729	1.8	6.2	2.47	1265.3	0.016	493	0.18	0.578	9.19	0.4	1.9	<0.02	1.66	0.6	<0.02	3.5
2679604	Vegetation	0.22	5	37.61	0.445	2.2	4.8	0.66	2473.7	0.008	267	0.20	0.129	1.15	0.1	1.0	<0.02	0.77	1.0	<0.02	2.3
2679605	Vegetation	0.17	5	35.16	0.469	1.9	3.3	0.95	3401.2	0.007	253	0.17	0.070	1.33	0.3	0.7	<0.02	0.60	0.4	<0.02	2.5
2679606	Vegetation	0.11	2	36.18	0.251	1.1	1.9	0.64	3200.4	0.004	163	0.09	0.041	0.90	<0.1	0.6	<0.02	0.49	0.5	<0.02	2.3
2679607	Vegetation	0.23	5	35.55	0.602	2.0	3.3	0.73	2907.2	0.007	180	0.17	0.073	1.64	0.1	0.6	<0.02	0.72	1.2	<0.02	2.3
2679608	Vegetation	0.32	5	35.13	0.384	2.0	2.8	0.62	731.5	0.006	104	0.17	0.050	0.85	<0.1	0.8	<0.02	0.91	1.4	<0.02	2.1
2679609	Vegetation	0.29	5	34.28	0.632	2.1	4.3	0.85	2250.3	0.008	304	0.20	0.094	1.77	0.1	0.9	<0.02	0.71	0.8	<0.02	2.1
2679610	Vegetation	0.29	6	35.64	0.462	2.4	3.7	0.71	2828.1	0.007	152	0.21	0.061	1.01	0.1	0.9	0.04	0.79	0.8	<0.02	2.5
2679611	Vegetation	0.19	4	36.97	0.286	1.5	2.4	0.46	863.3	0.004	143	0.13	0.039	0.71	<0.1	0.7	0.04	0.87	0.4	0.05	1.9
2679612	Vegetation	0.18	3	36.14	0.352	1.6	2.5	0.62	2087.9	0.005	172	0.14	0.067	0.99	<0.1	0.7	0.03	0.86	0.5	<0.02	2.2
2679613	Vegetation	0.42	7	34.62	0.600	2.0	3.9	0.88	774.4	0.008	366	0.21	0.114	2.19	0.1	1.0	<0.02	0.98	1.7	<0.02	3.0
2679614	Vegetation	0.37	7	32.57	0.782	2.8	4.7	0.99	805.7	0.010	259	0.25	0.129	2.39	0.1	0.9	0.02	0.97	1.1	<0.02	2.7
2679615	Vegetation	0.32	5	33.74	0.592	2.0	3.3	0.73	1978.9	0.007	237	0.32	0.092	1.98	0.1	0.8	0.05	0.86	1.1	0.05	2.7
2679616	Vegetation	0.23	4	37.27	0.423	1.4	2.4	0.62	2932.4	0.005	193	0.17	0.063	1.15	<0.1	0.7	0.05	0.62	0.9	<0.02	2.2
2679617 TECK ASH-1	Ash	0.15	61	18.02	0.255	15.7	177.5	2.02	110.9	0.026	303	3.26	0.619	1.33	0.2	10.3	0.14	0.42	0.3	<0.02	7.6
2679618	Vegetation	0.28	5	36.51	0.487	1.6	2.9	0.95	2676.6	0.006	269	0.17	0.086	1.85	0.1	0.7	0.03	0.75	1.1	<0.02	2.4
2679619	Vegetation	0.25	5	35.12	0.475	1.6	2.9	0.77	2069.7	0.007	244	0.18	0.114	1.90	<0.1	0.7	<0.02	0.72	1.1	<0.02	2.6
2679620	Vegetation	0.15	3	38.30	0.365	1.1	1.9	0.57	3182.7	0.004	136	0.12	0.065	0.99	<0.1	0.7	<0.02	0.64	0.4	<0.02	2.4
2679621	Vegetation	0.30	6	36.90	0.533	2.1	3.5	0.86	2772.1	0.008	210	0.23	0.119	1.48	0.1	0.9	0.02	0.69	0.7	<0.02	2.8
2679622	Vegetation	0.40	7	36.33	0.705	2.8	4.4	0.82	3052.0	0.010	272	0.26	0.122	1.81	0.1	1.1	<0.02	0.76	0.9	<0.02	2.9
2679623	Vegetation	0.27	4	37.72	0.459	1.5	3.2	0.81	2139.7	0.007	219	0.16	0.090	1.44	0.1	0.8	<0.02	0.52	0.2	<0.02	2.8
2679624	Vegetation	0.11	3	37.79	0.247	1.2	1.6	0.42	3570.4	0.004	88	0.12	0.043	0.72	<0.1	0.8	<0.02	0.48	0.7	0.04	2.0
2679625	Vegetation	0.38	6	34.57	0.593	2.3	4.3	1.18	2914.3	0.009	309	0.37	0.096	1.80	0.1	1.0	0.03	0.75	1.1	<0.02	2.8
2679626	Vegetation	0.29	4	35.92	0.491	1.5	2.7	1.02	3604.6	0.006	282	0.24	0.088	1.79	0.1	0.8	0.04	0.64	0.9	0.03	2.0
2679627	Vegetation	0.52	8	36.99	0.610	2.4	4.3	0.97	612.7	0.008	314	0.30	0.111	2.01	0.2	1.0	0.04	1.44	1.1	0.05	2.6
2679628	Vegetation	0.51	7	35.99	0.603	2.6	4.0	0.91	972.6	0.008	326	0.22	0.126	1.85	0.1	1.0	<0.02	0.81	0.9	<0.02	3.0
2679629	Vegetation	0.35	6	36.82	0.521	2.0	3.6	0.74	2498.9	0.008	235	0.20	0.099	1.40	0.2	0.9	<0.02	0.85	1.0	0.07	2.5

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
2679601	Vegetation	0.77	<0.1	0.13	0.21	45.8	1.4	<0.05	3.2	2.44	9.2	0.04	2	0.2	10.2	<10	7
2679602 TECK ASH-1	Ash	1.12	0.2	0.31	0.04	19.9	0.9	<0.05	8.1	10.75	32.3	<0.02	<1	0.5	12.4	14	4
2679603	Vegetation	0.65	<0.1	0.10	0.28	38.3	0.8	<0.05	2.6	1.51	6.0	0.03	<1	<0.1	5.8	<10	2
OVEN STD-1	Vegetation	1.42	<0.1	0.04	0.10	185.1	4.2	<0.05	1.8	0.53	3.7	<0.02	1	0.2	4.4	<10	4
2679604	Vegetation	0.49	0.1	0.06	0.17	31.0	0.6	<0.05	1.6	0.99	4.0	<0.02	1	<0.1	5.0	18	3
2679605	Vegetation	0.56	<0.1	0.07	0.20	27.4	0.5	<0.05	1.5	0.84	3.6	<0.02	2	0.1	3.8	<10	<2
2679606	Vegetation	0.24	0.1	0.04	0.08	18.5	0.3	<0.05	0.8	0.50	2.1	<0.02	<1	<0.1	1.5	<10	4
2679607	Vegetation	0.56	0.1	0.05	0.16	29.6	0.6	<0.05	1.5	1.06	3.9	<0.02	2	<0.1	4.3	<10	4
2679608	Vegetation	0.40	<0.1	0.04	0.11	20.3	0.9	<0.05	1.6	1.00	3.7	0.03	2	<0.1	3.0	<10	6
2679609	Vegetation	0.90	<0.1	0.05	0.14	55.5	0.7	<0.05	1.7	1.05	4.1	<0.02	10	<0.1	5.2	<10	3
2679610	Vegetation	0.65	0.1	0.05	0.13	28.5	0.7	<0.05	1.8	1.22	4.5	<0.02	<1	<0.1	4.4	<10	3
2679611	Vegetation	0.38	<0.1	0.05	0.09	20.5	0.6	<0.05	1.1	0.83	3.0	<0.02	7	<0.1	2.0	19	5
2679612	Vegetation	0.56	<0.1	0.07	0.12	28.8	0.6	<0.05	1.4	0.79	3.0	0.02	1	<0.1	7.3	<10	<2
2679613	Vegetation	0.84	0.2	0.06	0.13	61.4	0.8	<0.05	2.0	0.94	3.7	<0.02	16	<0.1	5.9	<10	<2
2679614	Vegetation	1.06	<0.1	0.09	0.17	62.3	1.0	<0.05	2.2	1.31	5.1	0.05	19	<0.1	8.1	20	<2
2679615	Vegetation	1.00	0.1	0.05	0.13	70.8	0.8	<0.05	1.6	0.96	3.8	0.03	6	<0.1	6.2	<10	4
2679616	Vegetation	1.14	<0.1	0.04	0.11	46.1	0.5	<0.05	1.4	0.68	2.5	0.03	<1	0.1	5.3	<10	<2
2679617 TECK ASH-1	Ash	1.16	<0.1	0.35	0.03	20.3	0.8	<0.05	10.0	10.93	33.1	0.03	<1	0.3	12.3	<10	7
2679618	Vegetation	0.75	<0.1	0.03	0.17	69.3	0.6	<0.05	1.7	0.84	2.9	<0.02	10	<0.1	6.3	16	4
2679619	Vegetation	0.75	0.1	0.05	0.14	66.9	0.6	<0.05	1.8	0.85	3.2	<0.02	5	<0.1	10.7	<10	<2
2679620	Vegetation	0.59	<0.1	0.05	0.10	58.0	0.4	<0.05	1.4	0.55	2.1	0.02	2	<0.1	6.9	<10	4
2679621	Vegetation	1.25	<0.1	0.04	0.16	60.4	0.8	<0.05	2.0	1.13	4.0	0.02	7	0.2	14.4	11	3
2679622	Vegetation	0.93	<0.1	0.09	0.19	70.8	0.9	<0.05	2.4	1.29	5.0	0.03	8	<0.1	12.1	31	4
2679623	Vegetation	0.64	<0.1	0.04	0.15	55.1	0.6	<0.05	1.4	0.81	3.0	0.05	4	<0.1	8.2	<10	<2
2679624	Vegetation	0.29	<0.1	0.03	0.08	20.9	0.3	<0.05	0.9	0.57	2.1	<0.02	6	<0.1	4.6	<10	5
2679625	Vegetation	1.36	<0.1	0.06	0.16	67.6	0.9	<0.05	1.8	1.06	4.3	0.04	6	<0.1	10.1	<10	3
2679626	Vegetation	1.27	0.1	0.04	0.13	77.5	0.6	<0.05	1.4	0.69	2.9	0.02	5	<0.1	7.9	<10	2
2679627	Vegetation	1.40	0.3	0.05	0.13	72.2	1.1	<0.05	2.0	1.26	4.6	0.05	18	<0.1	6.7	<10	6
2679628	Vegetation	1.13	0.2	0.06	0.19	77.0	1.0	<0.05	2.1	1.26	4.7	0.03	9	<0.1	11.2	<10	3
2679629	Vegetation	0.52	<0.1	0.09	0.17	50.5	1.0	<0.05	2.4	0.92	3.6	0.03	5	<0.1	9.2	<10	<2

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	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679630	Vegetation	120.00		50.453	1.150	1.15	107.58	35.90	2298.1	721	12.9	1.7	8358	0.41	2.3	0.3	<0.2	0.9	1382.6	1.14	1.28
2679631	Vegetation	132.00		50.662	1.212	1.27	115.30	38.80	3079.4	1128	9.8	1.5	>10000	0.31	1.6	0.3	<0.2	0.7	1270.4	1.84	1.20
2679632	Vegetation	103.00		50.606	0.989	1.26	114.61	33.96	2345.7	668	11.7	1.7	>10000	0.35	1.8	0.3	0.5	0.8	1517.9	5.40	1.22
2679633 TECK ASH-2	Ash					0.70	136.26	14.35	3028.3	553	14.5	3.7	>10000	0.13	1.1	<0.1	6.8	0.1	1353.1	5.95	0.30
2679634	Vegetation	136.00		50.932	1.059	1.28	115.57	26.14	2226.1	465	10.7	1.5	>10000	0.28	2.7	0.2	1.9	0.5	1492.7	4.52	1.05
2679635	Vegetation	150.00		50.313	0.924	1.27	137.99	29.68	3235.3	553	12.6	2.7	>10000	0.33	2.7	0.3	1.3	0.6	1391.3	4.69	1.06
2679636	Vegetation	168.00		50.907	0.750	1.61	187.28	42.36	2752.8	1229	18.7	7.2	>10000	0.34	2.4	0.3	0.9	0.7	1408.5	3.07	1.37
2679637	Vegetation	196.00		50.661	0.725	1.52	175.15	21.88	3021.6	715	19.0	1.6	>10000	0.35	2.4	0.3	1.1	0.7	711.4	2.90	1.14
2679638	Vegetation	184.00		50.606	1.064	1.01	125.97	32.44	2701.7	488	16.0	3.4	>10000	0.22	1.7	0.2	<0.2	0.3	859.8	3.48	0.99
2679639	Vegetation	132.00		50.704	0.515	1.56	213.03	23.12	2188.6	1283	20.5	3.3	>10000	0.41	1.5	0.3	3.8	0.8	769.9	5.44	1.34
2679640	Vegetation	219.00		50.549	1.415	1.50	89.44	27.26	1272.8	279	13.6	2.1	5716	0.34	6.6	0.3	<0.2	0.6	1380.8	3.39	2.39
2679641	Vegetation	157.00		50.357	1.337	0.96	76.95	24.08	1852.2	190	11.9	2.4	7282	0.31	2.8	0.3	0.7	0.7	1526.8	1.95	1.62
2679642	Vegetation	207.00		50.106	1.278	1.10	91.95	18.21	1470.4	268	9.3	1.8	7449	0.22	4.9	0.2	<0.2	0.4	1761.2	1.48	1.19
2679643	Vegetation	178.00		50.717	0.806	1.36	126.39	31.54	2902.6	340	14.8	2.6	>10000	0.33	10.8	0.3	2.5	0.5	2025.1	5.19	1.63
2679644	Vegetation	198.00		50.986	0.911	1.82	139.34	42.15	2696.1	402	16.2	2.8	6992	0.40	9.9	0.4	<0.2	0.7	1431.5	4.83	2.21
2679645	Vegetation	209.00		50.156	1.692	0.45	67.94	6.91	1886.8	103	5.3	1.5	7545	0.13	2.8	<0.1	0.3	0.2	1747.3	3.61	0.53
2679646	Vegetation	197.00		50.896	2.151	0.39	47.84	7.18	1704.6	70	6.5	1.1	4296	0.11	2.3	<0.1	<0.2	0.1	1556.9	0.84	0.50
2679647	Vegetation	247.00		50.509	2.182	0.52	42.84	6.88	3316.3	37	3.8	0.8	3474	0.08	2.4	<0.1	<0.2	<0.1	2490.8	0.63	0.33
2679648	Vegetation	218.00		50.552	2.409	0.62	54.14	9.29	2334.8	110	5.2	1.1	5392	0.12	2.4	<0.1	<0.2	0.2	1865.0	2.12	0.56
2679649	Vegetation	254.00		50.485	1.470	0.60	133.49	8.59	3421.9	369	7.1	1.3	3703	0.13	3.5	<0.1	<0.2	0.3	1460.7	3.48	0.63
2679650	Vegetation	161.00		50.671	1.052	0.66	196.06	11.77	1295.6	1241	8.4	3.9	8036	0.17	0.4	0.1	0.8	0.3	681.1	8.05	0.66
2679651	Vegetation	158.00		50.679	0.976	0.65	138.57	16.89	1548.0	588	9.1	5.7	>10000	0.13	1.2	<0.1	<0.2	0.2	1146.0	1.97	0.46
2679652	Vegetation	149.00		50.663	1.008	0.81	179.93	15.98	1629.9	965	10.3	6.5	>10000	0.21	1.5	0.1	2.7	0.3	809.6	2.99	0.71
2679653	Vegetation	194.00		50.686	0.929	0.79	223.99	18.47	2314.7	862	18.0	4.3	>10000	0.16	2.5	<0.1	0.2	0.2	1035.4	10.15	0.55
2679654	Vegetation	229.00		50.321	2.007	0.31	96.00	13.31	1521.4	148	6.6	2.0	5839	0.06	1.6	<0.1	<0.2	<0.1	1259.1	3.38	0.22
2679655	Vegetation	226.00		50.617	2.330	0.26	72.70	10.74	974.5	162	6.7	2.0	6758	0.06	0.4	<0.1	<0.2	<0.1	1446.7	6.70	0.27
2679656	Vegetation	158.00		50.702	1.418	0.81	86.74	11.69	1360.8	238	20.7	5.7	>10000	0.18	2.3	0.1	<0.2	0.2	940.1	2.47	0.68
2679657	Vegetation	161.00		50.725	1.027	1.04	134.34	17.37	1927.7	895	25.9	7.2	>10000	0.21	1.5	0.2	1.1	0.3	777.5	11.37	0.98
2679658	Vegetation	151.00		50.812	1.012	0.91	131.93	12.89	1214.6	927	18.5	5.9	>10000	0.20	1.9	0.1	0.7	0.3	823.8	6.35	0.66
2679659	Vegetation	186.00		50.429	1.367	0.63	71.77	9.02	1159.6	464	16.4	3.7	>10000	0.16	2.0	0.1	<0.2	0.2	903.0	6.38	0.58

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679630	Vegetation	0.35	10	38.15	0.630	3.7	7.3	0.77	3132.9	0.012	309	0.35	0.202	1.17	0.2	1.5	<0.02	0.79	1.1	0.08	2.9
2679631	Vegetation	0.33	8	38.26	0.593	3.1	4.5	0.81	1851.3	0.010	398	0.28	0.169	1.51	0.1	1.0	<0.02	0.88	1.5	0.04	2.7
2679632	Vegetation	0.49	9	35.70	0.756	3.5	5.4	0.90	1813.6	0.011	322	0.31	0.168	1.81	0.3	1.1	<0.02	0.83	1.1	0.04	2.6
2679633 TECK ASH-2	Ash	0.03	2	36.44	0.568	1.6	1.7	0.97	5413.4	0.006	223	0.31	0.035	2.88	<0.1	0.6	0.05	0.48	0.2	0.10	2.2
2679634	Vegetation	0.37	8	33.34	0.672	2.5	4.6	0.92	2500.4	0.011	418	0.26	0.159	1.87	0.2	1.4	<0.02	0.79	1.0	0.05	1.4
2679635	Vegetation	0.42	9	32.75	0.707	3.1	6.3	1.08	3038.5	0.013	399	0.32	0.191	1.56	0.2	1.5	<0.02	0.75	1.3	0.09	1.5
2679636	Vegetation	0.42	10	32.84	0.929	3.7	5.3	1.48	813.4	0.014	501	0.34	0.224	1.91	0.2	1.5	<0.02	0.99	1.6	0.09	1.4
2679637	Vegetation	0.47	10	32.14	1.015	3.4	6.0	1.21	2030.8	0.016	558	0.33	0.206	2.45	0.2	1.7	<0.02	0.72	1.7	<0.02	1.7
2679638	Vegetation	0.31	7	34.68	0.642	2.0	3.5	0.92	3716.4	0.009	326	0.22	0.115	1.49	0.1	1.1	<0.02	0.56	0.7	0.06	1.5
2679639	Vegetation	0.38	12	30.08	1.323	3.9	6.6	1.24	791.8	0.020	463	0.46	0.306	3.75	0.2	2.2	<0.02	0.92	1.2	0.03	2.0
2679640	Vegetation	0.69	12	35.25	0.472	3.2	5.3	0.50	3134.2	0.011	235	0.35	0.120	1.12	0.2	1.6	<0.02	0.76	2.2	0.17	1.9
2679641	Vegetation	0.42	10	35.45	0.432	3.1	5.1	0.56	712.8	0.012	199	0.35	0.234	0.80	0.2	2.2	<0.02	0.87	0.9	0.03	1.7
2679642	Vegetation	0.30	7	34.35	0.417	1.9	3.1	0.63	360.0	0.007	221	0.21	0.098	1.05	0.1	1.0	<0.02	1.28	1.0	0.11	1.3
2679643	Vegetation	0.56	11	31.39	0.619	2.5	5.9	0.89	145.9	0.011	305	0.33	0.133	1.86	0.2	1.3	<0.02	2.74	1.2	<0.02	1.6
2679644	Vegetation	0.71	13	32.25	0.666	3.5	6.2	0.90	159.7	0.012	352	0.39	0.131	2.03	0.3	1.4	<0.02	3.30	2.3	0.09	2.0
2679645	Vegetation	0.13	4	35.03	0.300	1.1	1.8	0.75	477.0	0.005	212	0.12	0.104	1.04	<0.1	0.8	<0.02	1.04	0.8	0.06	0.9
2679646	Vegetation	0.05	3	36.41	0.239	0.9	1.7	0.42	3510.2	0.004	152	0.10	0.074	0.99	<0.1	0.7	<0.02	0.66	0.5	0.04	0.8
2679647	Vegetation	0.04	3	37.15	0.234	0.6	1.3	0.87	4736.0	0.003	183	0.06	0.053	0.91	0.1	1.0	<0.02	0.48	0.3	0.04	0.5
2679648	Vegetation	0.13	4	37.53	0.336	1.3	1.6	0.46	5005.6	0.005	156	0.12	0.067	0.94	<0.1	1.2	<0.02	0.47	0.8	0.12	0.7
2679649	Vegetation	0.15	4	36.31	0.428	1.2	1.9	0.82	449.7	0.006	267	0.14	0.122	1.97	0.1	1.0	<0.02	1.39	1.0	<0.02	0.7
2679650	Vegetation	0.15	5	35.15	0.650	1.6	2.6	0.80	3451.4	0.008	349	0.16	0.163	1.65	0.1	1.0	<0.02	0.68	1.5	0.03	1.0
2679651	Vegetation	0.07	5	35.27	0.493	1.2	2.2	1.04	4389.0	0.007	360	0.14	0.148	1.72	0.1	1.0	<0.02	0.54	0.9	0.12	0.9
2679652	Vegetation	0.15	5	33.80	0.780	1.6	2.9	0.97	3701.2	0.010	425	0.18	0.234	2.47	0.1	1.3	<0.02	0.65	1.1	<0.02	1.0
2679653	Vegetation	0.19	5	35.40	0.609	1.4	2.5	0.95	3644.3	0.008	377	0.20	0.185	1.81	<0.1	1.1	<0.02	0.64	1.0	0.04	1.2
2679654	Vegetation	0.05	<2	34.41	0.278	0.9	0.9	0.53	4447.2	0.003	197	0.14	0.103	1.90	<0.1	0.8	<0.02	0.34	<0.1	0.04	0.7
2679655	Vegetation	0.04	<2	38.02	0.262	0.8	1.1	0.52	3544.8	0.003	155	0.16	0.093	1.64	<0.1	0.8	<0.02	0.41	0.3	<0.02	0.6
2679656	Vegetation	0.16	6	36.12	0.413	1.4	3.0	0.67	942.5	0.006	276	0.25	0.109	0.83	0.1	1.2	<0.02	0.87	1.3	0.06	1.4
2679657	Vegetation	0.24	7	34.45	0.710	1.7	3.2	1.03	762.6	0.009	422	0.32	0.154	1.55	0.2	1.1	<0.02	1.01	1.5	<0.02	1.6
2679658	Vegetation	0.19	6	35.32	0.585	1.7	3.3	0.95	942.9	0.008	387	0.21	0.154	1.78	0.2	1.3	<0.02	0.88	1.1	0.10	1.2
2679659	Vegetation	0.17	5	36.56	0.368	1.3	2.2	0.68	832.2	0.005	232	0.22	0.067	0.77	0.1	0.8	<0.02	0.76	0.1	<0.02	1.2

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679630	Vegetation	0.66	<0.1	0.14	0.26	42.9	1.5	<0.05	3.6	1.82	6.5	0.05	2	<0.1	32.7	<10	5
2679631	Vegetation	0.62	<0.1	0.14	0.17	53.6	1.3	<0.05	3.5	1.62	5.8	<0.02	1	<0.1	25.9	<10	3
2679632	Vegetation	0.88	<0.1	0.08	0.20	70.7	1.2	<0.05	2.9	1.63	6.3	0.06	12	<0.1	13.9	<10	3
2679633 TECK ASH-2	Ash	0.66	<0.1	0.03	0.06	74.4	0.1	<0.05	0.7	0.63	1.4	<0.02	4	<0.1	0.7	<10	<2
2679634	Vegetation	0.67	0.4	0.09	0.20	61.6	0.9	<0.05	2.4	1.35	4.5	0.08	2	<0.1	14.0	<10	10
2679635	Vegetation	0.88	0.3	0.10	0.20	55.1	1.4	<0.05	3.9	1.71	5.8	0.06	5	0.4	20.9	32	7
2679636	Vegetation	2.34	0.1	0.10	0.18	106.2	1.3	<0.05	3.7	2.06	6.7	0.05	2	<0.1	23.6	<10	9
2679637	Vegetation	1.00	0.3	0.11	0.23	89.0	1.3	<0.05	3.1	1.67	6.4	0.08	13	0.1	20.0	11	5
2679638	Vegetation	0.89	0.2	0.07	0.16	62.6	1.0	<0.05	2.2	1.13	3.8	0.04	7	0.1	11.6	<10	<2
2679639	Vegetation	1.32	0.3	0.04	0.21	128.2	1.4	<0.05	2.1	2.06	7.8	0.04	8	0.5	38.5	<10	<2
2679640	Vegetation	0.58	0.5	0.09	0.20	41.4	2.0	<0.05	3.4	1.93	5.7	0.07	11	<0.1	9.5	<10	<2
2679641	Vegetation	0.54	<0.1	0.19	0.22	25.2	2.0	<0.05	4.1	1.77	6.0	0.03	<1	<0.1	42.2	14	4
2679642	Vegetation	0.43	0.1	0.09	0.12	34.9	1.0	<0.05	2.3	1.13	3.6	0.04	7	<0.1	10.9	<10	<2
2679643	Vegetation	0.70	0.2	0.10	0.14	60.9	1.5	<0.05	3.3	1.78	5.9	0.06	11	<0.1	16.2	<10	7
2679644	Vegetation	0.84	0.5	0.08	0.31	76.9	1.9	<0.05	3.4	2.16	7.2	0.05	23	0.2	11.5	<10	3
2679645	Vegetation	0.45	<0.1	0.03	0.09	36.5	0.5	<0.05	1.3	0.57	1.8	<0.02	6	<0.1	12.2	<10	3
2679646	Vegetation	0.26	0.3	0.04	0.07	29.1	0.4	<0.05	1.2	0.47	1.9	0.03	7	<0.1	5.8	<10	5
2679647	Vegetation	0.22	<0.1	0.02	0.07	29.4	0.3	<0.05	0.8	0.43	1.2	<0.02	2	<0.1	2.4	<10	5
2679648	Vegetation	0.41	<0.1	0.04	0.13	33.0	0.6	<0.05	1.5	0.72	2.3	<0.02	9	<0.1	4.2	<10	3
2679649	Vegetation	0.72	<0.1	<0.02	0.12	64.0	0.6	<0.05	1.4	0.70	2.1	<0.02	7	<0.1	9.0	<10	<2
2679650	Vegetation	0.95	<0.1	0.08	0.14	71.0	0.5	<0.05	2.0	0.82	3.0	0.04	2	<0.1	17.6	<10	5
2679651	Vegetation	0.79	<0.1	0.07	0.11	69.8	0.4	<0.05	1.8	0.62	2.3	0.02	7	<0.1	11.2	11	3
2679652	Vegetation	0.94	<0.1	0.08	0.12	88.8	0.5	<0.05	2.4	0.81	2.7	0.04	2	<0.1	15.1	<10	4
2679653	Vegetation	0.45	<0.1	0.04	0.12	87.1	0.6	<0.05	1.6	0.70	2.5	<0.02	5	0.2	11.7	<10	<2
2679654	Vegetation	0.27	0.2	<0.02	0.04	81.2	0.3	<0.05	0.5	0.32	1.3	<0.02	2	<0.1	4.6	<10	<2
2679655	Vegetation	0.31	<0.1	0.04	0.07	68.1	0.1	<0.05	0.6	0.33	1.2	<0.02	2	<0.1	2.4	<10	3
2679656	Vegetation	0.38	0.1	0.03	0.11	39.9	0.8	<0.05	1.8	0.76	2.4	0.02	2	<0.1	9.0	<10	<2
2679657	Vegetation	0.49	0.1	0.05	0.13	72.9	0.8	<0.05	2.0	0.95	3.4	0.04	2	<0.1	12.3	<10	<2
2679658	Vegetation	0.38	0.1	0.05	0.12	70.3	0.6	<0.05	1.6	0.93	2.8	0.02	7	<0.1	7.3	23	<2
2679659	Vegetation	0.21	<0.1	0.04	0.07	27.5	0.5	<0.05	1.2	0.68	2.4	<0.02	2	<0.1	3.8	<10	<2

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679660	Vegetation	203.00		50.514	1.572	0.57	95.42	9.56	1398.0	519	12.4	4.0	>10000	0.16	2.8	<0.1	<0.2	0.2	1082.0	10.64	0.41
2679661	Vegetation	141.00		50.862	1.300	1.01	99.61	53.63	2330.4	573	22.0	2.7	9230	0.21	1.0	0.2	0.3	0.4	979.9	3.89	0.82
2679662	Vegetation	163.00		50.934	1.222	0.46	80.70	18.48	1583.8	430	17.2	2.2	8785	0.11	1.6	<0.1	0.3	0.1	765.6	3.87	0.34
2679663	Vegetation	155.00		50.374	1.015	0.69	128.53	48.07	1908.5	1173	20.1	2.9	9680	0.18	1.6	0.1	<0.2	0.2	710.3	5.19	0.57
2679664	TECK ASH-1	Ash				0.81	80.36	9.53	182.9	66	145.0	18.5	1212	2.42	4.9	0.6	5.8	4.2	1005.1	0.26	0.16
2679665	Vegetation	170.00		50.507	0.904	1.14	144.86	77.02	1625.3	755	23.2	2.6	8995	0.32	1.6	0.2	0.9	0.4	732.1	4.45	1.03
2679666	Vegetation	162.00		50.785	0.945	0.93	146.57	40.55	2768.7	610	22.0	3.6	>10000	0.24	1.3	0.2	<0.2	0.3	689.1	5.65	0.82
2679667	Vegetation	150.00		50.047	1.288	0.85	106.07	41.95	1803.6	578	20.2	3.5	>10000	0.22	1.5	0.1	<0.2	0.3	591.6	5.82	0.63
2679668	Vegetation	124.00		50.363	0.810	0.98	164.84	36.64	2161.5	1180	17.2	2.1	>10000	0.31	1.2	0.2	0.8	0.5	551.8	3.84	0.77
2679669	Vegetation	123.00		50.522	1.337	1.06	95.28	51.71	1970.4	511	23.3	2.9	>10000	0.32	3.6	0.2	<0.2	0.5	852.1	8.00	0.92
2679670	Vegetation	198.00		50.712	2.307	0.42	45.36	34.10	1288.1	324	10.6	3.0	9306	0.13	2.1	0.1	<0.2	0.2	719.5	7.39	0.44
2679671	Vegetation	188.00		50.495	1.403	0.31	59.04	18.05	1789.8	433	12.0	2.1	>10000	0.12	1.4	<0.1	<0.2	0.2	521.3	4.65	0.23
2679672	Vegetation	181.00		50.302	1.049	0.61	104.87	35.46	3198.6	609	29.8	3.6	>10000	0.18	1.7	0.1	<0.2	0.3	788.1	12.29	0.50
2679673	Vegetation	148.00		50.084	1.082	0.94	142.81	62.51	2286.7	566	30.7	3.9	>10000	0.29	2.0	0.2	<0.2	0.4	1074.6	6.79	0.91
2679674	Vegetation	192.00		50.862	1.968	0.50	110.20	39.44	1089.5	385	17.3	2.3	6569	0.23	4.3	0.1	<0.2	0.4	431.5	5.02	0.39
2679675	Vegetation	154.00		50.668	1.260	0.82	104.77	93.43	1639.9	808	29.9	3.8	9368	0.36	2.8	0.3	<0.2	0.5	565.2	7.96	0.96
2679676	Vegetation	181.00		50.464	1.254	0.77	122.33	37.52	2379.1	535	20.8	5.7	>10000	0.28	1.8	0.2	0.6	0.4	817.8	14.71	0.76
2679677	Vegetation	131.00		50.538	1.452	1.00	106.57	41.52	1681.7	532	21.2	3.3	>10000	0.47	2.7	0.3	2.2	0.8	724.9	4.66	1.20
2679678	Vegetation	153.00		50.741	1.192	0.66	100.61	35.27	1747.7	341	11.4	2.1	>10000	0.18	1.9	0.1	<0.2	0.3	640.8	3.72	0.54
2679679	Vegetation	175.00		50.891	1.653	0.49	97.60	25.63	1517.9	571	14.0	2.2	8236	0.16	1.6	0.1	<0.2	0.3	1044.7	6.31	0.60
2679680	Vegetation	134.00		50.290	1.150	0.84	104.39	52.60	2155.6	672	15.0	2.1	8663	0.27	1.9	0.2	<0.2	0.5	650.5	2.70	0.89
2679681	Vegetation	168.00		50.267	1.311	0.78	86.19	31.97	2273.5	343	9.6	1.7	5085	0.18	2.5	0.1	0.5	0.3	1184.7	3.21	0.92
2679682	Vegetation	173.00		50.218	1.206	0.88	102.21	43.68	2015.6	726	11.3	2.1	>10000	0.21	2.4	0.2	<0.2	0.4	1045.4	6.49	0.92
2679683	Vegetation	196.00		50.662	1.312	0.88	132.67	48.42	2916.8	527	12.3	2.4	8664	0.25	4.4	0.2	0.2	0.3	1117.6	9.23	1.08
2679684	Vegetation	121.00		50.951	1.545	0.49	80.97	26.85	2618.1	278	24.0	3.2	>10000	0.14	2.1	<0.1	0.5	0.2	877.6	14.98	0.52
2679685	Vegetation	184.00		50.539	1.319	0.87	125.45	59.46	1752.3	673	16.4	3.1	8755	0.29	5.5	0.2	<0.2	0.4	1019.9	6.66	0.96
2679686	Vegetation	191.00		50.704	0.936	1.03	185.78	57.33	3045.1	820	40.5	6.0	>10000	0.29	6.3	0.2	<0.2	0.4	978.8	10.71	0.89
2679687	Vegetation	162.00		50.692	0.843	1.01	149.62	23.62	2671.6	748	29.3	5.5	>10000	0.27	4.9	0.2	<0.2	0.4	971.6	5.40	0.73
2679688	Vegetation	153.00		50.842	0.729	1.29	229.36	47.33	2334.7	1343	56.5	8.1	>10000	0.39	2.7	0.3	<0.2	0.6	955.5	7.47	1.61
2679689	Vegetation	169.00		50.851	1.034	1.32	150.12	50.42	3016.6	704	30.5	4.5	>10000	0.38	8.1	0.3	<0.2	0.5	897.0	11.37	1.59

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679660	Vegetation	0.09	4	36.35	0.351	1.3	1.7	0.45	971.2	0.005	218	0.14	0.061	0.94	<0.1	0.8	<0.02	0.81	0.6	0.07	1.2
2679661	Vegetation	0.27	6	34.80	0.520	2.0	3.7	0.92	3390.7	0.007	241	0.38	0.083	1.29	<0.1	1.1	<0.02	0.71	0.5	0.08	1.5
2679662	Vegetation	0.06	3	35.72	0.417	1.1	1.8	0.79	2865.8	0.004	232	0.21	0.061	1.22	<0.1	0.8	<0.02	0.43	0.2	0.04	0.9
2679663	Vegetation	0.19	5	35.01	0.565	1.6	2.9	0.93	3561.1	0.007	322	0.23	0.097	1.86	0.1	1.1	<0.02	0.59	0.6	<0.02	1.3
2679664 TECK ASH-1	Ash	0.07	54	17.66	0.251	14.6	171.3	2.10	105.3	0.023	329	3.12	0.649	1.34	<0.1	10.4	0.12	0.46	0.2	<0.02	6.0
2679665	Vegetation	0.43	8	33.02	0.766	2.4	5.9	0.94	1867.0	0.011	336	0.30	0.124	2.48	0.2	1.2	<0.02	0.84	0.9	0.10	1.3
2679666	Vegetation	0.23	7	33.75	0.660	2.1	4.6	1.11	2844.6	0.009	416	0.26	0.108	2.15	0.2	1.0	0.03	0.71	0.7	<0.02	1.5
2679667	Vegetation	0.22	6	35.01	0.465	2.0	3.2	0.83	3452.1	0.007	262	0.27	0.066	1.35	0.3	1.0	0.09	0.74	0.6	0.16	1.5
2679668	Vegetation	0.32	8	32.86	0.684	2.7	5.8	1.11	3461.4	0.010	414	0.33	0.115	2.08	0.1	1.3	0.08	0.73	0.8	<0.02	1.8
2679669	Vegetation	0.35	9	33.96	0.485	2.9	5.1	0.82	2384.3	0.009	260	0.36	0.091	1.30	0.2	1.0	0.37	0.94	0.9	0.02	1.7
2679670	Vegetation	0.24	3	32.61	0.278	1.4	1.6	0.50	2104.0	0.005	184	0.13	0.035	0.76	<0.1	1.7	0.16	0.56	<0.1	0.09	1.1
2679671	Vegetation	0.16	3	22.60	0.339	1.2	1.9	0.69	2191.5	0.005	225	0.17	0.060	1.18	<0.1	1.9	0.36	0.58	0.1	0.08	1.6
2679672	Vegetation	0.20	4	35.67	0.541	2.0	3.4	1.19	2412.2	0.009	355	0.31	0.076	1.70	<0.1	2.1	0.08	0.74	0.5	0.21	3.3
2679673	Vegetation	0.32	7	37.02	0.645	3.1	4.6	0.96	2542.4	0.011	323	0.51	0.083	1.58	0.1	2.1	0.23	0.72	0.7	0.17	2.8
2679674	Vegetation	0.32	6	16.13	0.393	2.5	4.7	0.49	1418.7	0.010	151	0.34	0.056	1.33	<0.1	2.5	0.32	1.42	0.9	0.20	2.1
2679675	Vegetation	0.61	10	20.68	0.618	3.9	5.5	0.69	3233.5	0.014	160	0.44	0.068	1.54	<0.1	2.1	0.44	0.74	0.7	0.10	2.2
2679676	Vegetation	0.29	7	36.93	0.532	3.2	4.5	0.79	2578.3	0.010	258	0.31	0.083	1.18	<0.1	2.3	0.48	0.77	0.9	0.10	3.0
2679677	Vegetation	0.48	12	32.96	0.531	4.6	9.4	0.69	850.9	0.018	258	0.49	0.138	1.57	0.2	2.3	0.03	0.96	1.4	0.15	3.1
2679678	Vegetation	0.23	5	38.52	0.482	2.0	3.0	0.74	3717.1	0.007	295	0.18	0.055	1.30	<0.1	2.1	0.08	0.59	0.8	0.14	2.4
2679679	Vegetation	0.19	3	37.46	0.366	2.0	2.2	0.43	3772.4	0.005	121	0.22	0.031	0.83	<0.1	1.8	0.47	0.39	0.6	0.13	1.9
2679680	Vegetation	0.37	6	36.41	0.441	3.1	4.6	0.96	3845.3	0.010	253	0.28	0.076	1.27	0.1	2.2	0.13	0.59	0.9	0.12	2.2
2679681	Vegetation	0.28	5	38.07	0.389	1.9	3.6	0.82	2002.8	0.006	225	0.17	0.064	1.30	<0.1	1.9	0.06	0.79	0.8	0.13	1.6
2679682	Vegetation	0.39	6	37.69	0.466	2.3	3.2	0.70	2434.3	0.008	249	0.18	0.083	1.41	<0.1	2.2	<0.02	0.74	1.1	0.15	1.9
2679683	Vegetation	0.41	7	37.90	0.506	2.5	3.5	0.75	588.2	0.008	286	0.22	0.099	1.52	0.2	2.3	<0.02	1.13	1.5	0.25	2.2
2679684	Vegetation	0.17	3	>40	0.400	1.7	2.0	0.66	2899.5	0.005	203	0.28	0.051	0.88	<0.1	1.7	0.04	0.51	0.8	0.18	2.1
2679685	Vegetation	0.40	8	38.35	0.475	3.1	4.0	0.71	368.5	0.009	182	0.31	0.068	1.56	0.1	2.0	0.10	1.55	0.9	0.17	2.2
2679686	Vegetation	0.42	7	36.40	0.721	2.9	4.3	1.50	311.0	0.010	382	0.47	0.107	2.71	<0.1	2.2	<0.02	1.80	1.3	0.12	3.1
2679687	Vegetation	0.35	6	36.87	0.630	2.6	4.4	1.03	382.4	0.009	463	0.37	0.136	2.13	<0.1	2.2	<0.02	1.33	1.6	0.14	3.0
2679688	Vegetation	0.66	10	35.70	0.967	4.0	6.6	0.97	467.1	0.015	398	0.51	0.136	1.96	0.2	2.7	<0.02	1.40	3.0	0.15	3.2
2679689	Vegetation	0.67	10	34.78	0.744	3.7	6.0	0.99	181.2	0.012	283	0.44	0.123	1.86	0.2	2.6	<0.02	2.33	2.3	0.11	4.2

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679660	Vegetation	0.27	<0.1	0.03	0.06	28.9	0.3	<0.05	1.0	0.66	2.3	<0.02	2	<0.1	1.8	<10	7
2679661	Vegetation	0.81	0.3	0.06	0.24	36.2	0.8	<0.05	1.6	1.15	4.3	0.03	12	0.2	5.3	<10	7
2679662	Vegetation	0.45	<0.1	<0.02	0.08	36.3	0.2	<0.05	1.0	0.55	2.0	<0.02	7	<0.1	3.2	<10	4
2679663	Vegetation	0.81	<0.1	0.04	0.11	67.2	0.5	<0.05	2.0	0.76	3.0	0.03	5	<0.1	7.5	<10	3
2679664 TECK ASH-1	Ash	1.02	0.1	0.29	0.03	19.4	0.6	<0.05	8.6	10.26	30.0	0.02	2	<0.1	12.0	<10	6
2679665	Vegetation	1.94	<0.1	0.10	0.15	94.7	1.1	<0.05	2.3	1.08	4.6	0.05	11	<0.1	6.2	<10	<2
2679666	Vegetation	1.07	0.1	0.03	0.17	64.4	0.6	<0.05	2.0	1.11	3.9	0.03	9	<0.1	4.8	<10	4
2679667	Vegetation	0.69	<0.1	0.06	0.15	40.7	0.7	<0.05	1.7	0.97	3.6	0.04	2	<0.1	3.9	10	<2
2679668	Vegetation	1.52	0.1	0.07	0.13	62.4	0.9	<0.05	2.4	1.27	5.3	0.06	12	<0.1	7.0	<10	5
2679669	Vegetation	0.97	0.1	0.06	0.13	46.9	0.8	<0.05	2.4	1.44	5.9	0.03	9	<0.1	3.7	22	<2
2679670	Vegetation	0.36	0.2	0.03	0.10	22.3	0.6	<0.05	1.0	1.05	2.8	0.04	6	<0.1	1.3	<10	<2
2679671	Vegetation	0.63	<0.1	0.03	0.06	43.9	0.4	<0.05	0.9	0.58	2.6	<0.02	3	0.1	1.9	<10	<2
2679672	Vegetation	1.08	0.2	0.05	0.21	71.8	0.6	<0.05	1.5	1.41	4.2	0.03	10	<0.1	2.0	<10	<2
2679673	Vegetation	1.46	0.2	0.07	0.23	72.8	2.2	<0.05	2.1	2.00	7.1	0.03	14	<0.1	3.0	<10	<2
2679674	Vegetation	0.92	0.1	0.04	0.12	63.0	0.7	<0.05	1.1	1.25	5.3	<0.02	8	0.1	1.8	<10	3
2679675	Vegetation	2.00	0.3	0.04	0.15	66.3	2.7	<0.05	1.4	1.76	8.2	0.04	4	<0.1	2.6	<10	3
2679676	Vegetation	1.35	<0.1	0.07	0.31	46.0	0.7	<0.05	2.0	1.87	6.5	0.04	5	0.3	2.6	<10	4
2679677	Vegetation	1.12	0.2	0.10	0.35	53.4	1.5	<0.05	3.0	2.55	10.4	0.05	7	<0.1	3.6	<10	2
2679678	Vegetation	0.67	<0.1	0.04	0.19	44.6	2.4	<0.05	1.8	0.99	4.3	0.02	9	<0.1	1.9	<10	<2
2679679	Vegetation	0.62	<0.1	0.05	0.12	31.7	2.2	<0.05	1.6	1.41	4.2	<0.02	3	0.3	1.6	<10	2
2679680	Vegetation	0.70	0.2	0.09	0.21	44.8	0.7	<0.05	2.5	1.61	6.4	0.04	6	<0.1	3.2	<10	<2
2679681	Vegetation	0.47	0.2	0.07	0.16	54.8	0.8	<0.05	2.1	1.55	4.3	<0.02	5	<0.1	2.2	<10	<2
2679682	Vegetation	0.48	0.2	0.09	0.20	41.6	0.7	<0.05	2.1	1.61	4.8	0.03	3	0.2	3.4	<10	<2
2679683	Vegetation	0.71	0.2	0.11	0.20	54.0	0.9	<0.05	2.3	1.95	5.7	0.05	8	<0.1	2.7	<10	<2
2679684	Vegetation	1.06	<0.1	0.04	0.12	54.2	0.3	<0.05	1.4	1.23	3.5	<0.02	4	<0.1	3.3	<10	2
2679685	Vegetation	1.20	<0.1	0.10	0.20	65.6	0.7	<0.05	2.5	2.02	6.5	0.04	10	0.2	2.4	<10	5
2679686	Vegetation	1.46	0.1	0.07	0.17	96.0	1.2	<0.05	2.3	1.84	6.1	0.05	20	<0.1	3.6	<10	<2
2679687	Vegetation	0.92	0.1	0.07	0.19	84.3	0.7	<0.05	2.7	1.70	5.4	<0.02	9	<0.1	4.8	<10	<2
2679688	Vegetation	2.72	0.1	0.12	0.26	130.0	1.5	<0.05	3.4	2.24	7.8	0.06	3	<0.1	6.5	<10	5
2679689	Vegetation	1.18	<0.1	0.10	0.21	93.8	1.4	<0.05	3.2	2.36	7.3	0.05	8	<0.1	4.0	<10	4

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Client: **Teck Resources Limited**
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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
2679690	Vegetation	174.00		50.253	1.262	1.09	122.84	41.75	1922.4	801	21.5	3.4	>10000	0.26	4.2	0.2	<0.2	0.5	756.0	6.55	1.04
2679691	Vegetation	207.00		50.994	1.447	0.72	82.04	16.42	2241.6	456	5.5	1.8	6773	0.17	1.7	0.1	<0.2	0.3	2080.1	3.94	0.83
2679692	Vegetation	172.00		50.686	2.216	0.65	40.33	16.58	1580.8	160	6.5	1.4	4310	0.14	1.1	0.1	<0.2	0.3	1635.1	3.42	0.70
OVEN STD-1	Vegetation			21.984	0.571	1.17	52.19	11.12	1917.7	1077	16.1	1.1	>10000	0.16	4.3	2.7	<0.2	1.3	660.0	0.60	0.54
2679693 TECK ASH-2	Ash					0.73	145.38	15.76	2983.4	618	14.9	4.3	>10000	0.13	1.5	<0.1	1.2	0.1	1375.4	6.86	0.35
2679694	Vegetation	114.00		50.559	1.372	1.38	67.08	53.86	3244.9	423	27.7	4.5	>10000	0.40	3.3	0.3	9.0	0.7	973.7	3.79	1.53
2679695	Vegetation	153.00		50.693	1.102	0.95	103.25	34.27	2335.1	395	25.1	3.4	>10000	0.28	4.0	0.2	<0.2	0.5	557.8	8.95	0.79
2679696	Vegetation	132.00		50.237	0.939	1.21	109.32	39.71	2420.2	401	51.4	4.3	>10000	0.42	4.5	0.2	<0.2	0.6	977.7	7.51	1.20
2679697	Vegetation	161.00		50.080	1.269	0.59	69.13	17.72	2518.4	268	23.4	3.0	>10000	0.19	3.9	0.1	<0.2	0.3	673.2	14.34	0.53
2679698	Vegetation	144.00		50.202	1.094	1.19	98.24	29.89	3031.4	420	45.6	3.9	>10000	0.34	4.4	0.3	<0.2	0.5	949.1	4.83	1.33
2679699	Vegetation	158.00		50.716	1.206	0.87	88.11	30.16	2574.6	438	24.9	2.8	>10000	0.26	4.8	0.2	<0.2	0.4	1234.5	5.50	1.02
2679700	Vegetation	153.00		50.159	1.134	0.50	73.22	11.99	1751.5	411	17.7	2.6	>10000	0.13	1.7	<0.1	<0.2	0.2	563.4	4.95	0.45
2679701	Vegetation	152.00		50.075	1.020	0.99	111.08	29.28	2701.8	621	30.1	4.3	>10000	0.37	6.3	0.2	<0.2	0.5	828.9	5.32	0.89
2679702 TECK ASH-1	Ash					0.98	92.89	11.21	233.9	59	152.2	20.0	1219	2.67	5.3	0.8	5.1	4.9	1009.7	0.35	0.17
2679703	Vegetation	163.00		50.120	1.400	1.02	87.07	34.08	2191.6	475	21.9	2.7	>10000	0.30	7.3	0.2	<0.2	0.5	693.3	4.46	0.99
2679704	Vegetation	185.00		50.585	1.351	1.19	111.36	30.58	2265.6	702	38.2	4.6	>10000	0.32	9.4	0.2	<0.2	0.5	952.7	6.29	1.06
2679705	Vegetation	127.00		50.642	0.675	1.40	159.04	35.23	2671.8	732	42.6	4.5	>10000	0.38	3.6	0.3	1.1	0.6	829.6	9.92	1.80
2679706	Vegetation	129.00		50.631	0.864	1.27	151.04	57.00	1982.8	900	37.8	3.9	>10000	0.36	3.0	0.3	1.3	0.5	805.1	9.98	1.26
2679707	Vegetation	165.00		50.928	1.124	1.32	110.93	44.79	1587.6	702	27.0	3.9	>10000	0.32	3.9	0.3	0.5	0.4	676.0	8.39	1.11
2679708	Vegetation	192.00		50.599	0.951	1.30	142.02	40.40	1476.7	1150	35.5	3.6	>10000	0.40	4.7	0.3	0.7	0.5	633.8	3.83	1.39
2679709	Vegetation	148.00		50.138	1.216	0.64	89.11	15.55	2116.4	406	31.3	5.0	>10000	0.19	3.8	0.1	0.5	0.2	912.1	13.08	0.58
2679710	Vegetation	233.00		50.818	0.853	0.66	159.83	20.44	1515.5	904	25.5	3.6	>10000	0.17	3.8	0.1	0.6	0.2	772.2	17.89	0.49
2679711	Vegetation	172.00		50.453	0.953	0.98	137.44	23.72	1716.9	739	30.3	3.4	>10000	0.32	3.1	0.2	1.2	0.4	623.8	9.17	0.97
2679712	Vegetation	164.00		50.772	1.327	0.93	78.44	31.66	1620.5	369	27.0	3.9	9208	0.29	3.5	0.2	<0.2	0.4	876.6	4.47	1.14
2679713	Vegetation	178.00		50.387	1.048	0.80	90.34	23.16	1633.1	342	27.3	3.5	>10000	0.23	3.0	0.2	<0.2	0.4	576.2	5.89	0.89
2679714	Vegetation	142.00		50.631	1.110	0.82	97.66	23.51	1421.0	415	15.2	3.1	>10000	0.24	2.6	0.2	1.2	0.5	922.4	4.93	1.03
2679715	Vegetation	190.00		50.350	1.028	1.36	94.85	22.73	1685.1	309	13.2	3.1	8329	0.34	2.7	0.3	1.1	0.7	1782.0	4.85	1.79
2679716	Vegetation	148.00		50.894	1.552	0.76	75.25	23.04	1555.7	173	9.4	2.3	3898	0.26	3.9	0.2	1.1	0.4	1493.3	2.67	0.83
2679717 TECK ASH-1	Ash					0.95	83.46	10.48	210.2	47	143.9	17.8	1215	2.46	4.8	0.7	5.1	4.4	995.6	0.34	0.17
2679718	Vegetation	148.00		50.573	1.339	0.95	86.09	18.74	1788.3	281	17.3	2.6	9892	0.29	2.1	0.2	1.0	0.5	615.5	5.06	1.18

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679690	Vegetation	0.55	7	36.79	0.612	2.7	4.7	0.95	238.4	0.010	317	0.29	0.127	2.15	0.2	2.5	<0.02	2.24	1.5	0.18	3.1
2679691	Vegetation	0.25	4	>40	0.367	1.7	2.3	0.50	2360.3	0.006	255	0.13	0.065	0.80	<0.1	2.0	<0.02	0.64	1.0	0.30	1.8
2679692	Vegetation	0.23	3	>40	0.213	2.0	2.8	0.32	4444.4	0.005	97	0.13	0.037	0.40	<0.1	1.9	<0.02	0.57	0.8	0.27	1.4
OVEN STD-1	Vegetation	0.22	3	28.27	2.882	2.3	6.5	2.58	1308.0	0.020	677	0.19	0.507	9.75	0.4	3.5	<0.02	1.36	<0.1	0.17	4.5
2679693 TECK ASH-2	Ash	0.03	2	38.21	0.527	2.1	1.5	0.88	5588.1	0.007	225	0.28	0.033	2.89	<0.1	1.6	0.06	0.47	0.4	0.17	2.8
2679694	Vegetation	0.75	10	38.62	0.578	3.9	6.3	0.77	504.7	0.012	288	0.41	0.124	1.25	0.2	2.5	<0.02	1.19	2.1	0.24	3.6
2679695	Vegetation	0.38	7	37.92	0.542	2.6	5.9	0.94	1872.0	0.010	323	0.32	0.083	1.41	0.1	2.0	<0.02	1.36	1.6	0.16	2.7
2679696	Vegetation	0.50	9	34.92	0.531	3.6	7.1	0.81	321.3	0.011	231	0.60	0.084	1.34	0.1	2.1	<0.02	1.47	2.2	0.13	3.3
2679697	Vegetation	0.20	4	37.38	0.352	1.8	3.4	0.94	2980.8	0.007	267	0.29	0.062	1.08	<0.1	2.1	<0.02	1.02	0.8	0.19	3.3
2679698	Vegetation	0.51	8	36.53	0.515	3.4	6.1	0.92	371.1	0.011	300	0.51	0.088	1.39	0.2	2.3	<0.02	1.52	2.0	0.20	3.0
2679699	Vegetation	0.38	6	38.20	0.456	2.9	4.0	0.97	406.8	0.008	220	0.39	0.060	1.21	0.2	2.2	<0.02	1.28	1.5	0.22	2.5
2679700	Vegetation	0.16	3	>40	0.309	1.5	3.0	0.63	3265.9	0.005	181	0.22	0.046	0.66	<0.1	1.9	<0.02	0.65	0.8	0.12	2.1
2679701	Vegetation	0.45	8	35.99	0.485	3.2	7.0	1.02	230.7	0.010	299	0.34	0.094	1.28	0.1	2.6	<0.02	1.79	1.4	0.22	3.3
2679702 TECK ASH-1	Ash	0.15	61	19.23	0.260	17.0	183.5	2.08	120.2	0.028	317	3.37	0.632	1.36	<0.1	11.7	0.16	0.44	0.3	0.10	7.5
2679703	Vegetation	0.44	7	38.86	0.392	2.7	4.8	0.72	277.4	0.009	240	0.31	0.085	1.21	0.1	2.2	<0.02	2.21	1.6	0.19	2.6
2679704	Vegetation	0.49	8	35.46	0.526	3.1	6.1	0.92	134.8	0.011	212	0.54	0.110	1.77	0.1	2.2	<0.02	3.24	1.7	0.28	2.9
2679705	Vegetation	0.68	11	30.89	0.876	3.6	7.2	1.34	217.5	0.014	351	0.51	0.331	2.38	0.3	1.3	<0.02	1.90	3.2	0.12	1.4
2679706	Vegetation	0.65	10	31.44	0.922	3.5	5.9	1.15	278.6	0.014	324	0.48	0.167	3.31	0.2	1.3	<0.02	1.69	1.9	0.14	1.3
2679707	Vegetation	0.63	9	33.84	0.663	3.0	5.2	0.65	338.3	0.011	289	0.39	0.151	1.76	0.2	1.0	<0.02	1.63	2.1	0.12	1.0
2679708	Vegetation	0.73	13	29.03	0.828	3.5	6.6	0.82	222.7	0.015	290	0.37	0.313	3.28	0.2	1.3	<0.02	1.91	2.0	0.10	1.3
2679709	Vegetation	0.27	5	34.49	0.421	1.9	3.9	0.95	500.5	0.007	252	0.28	0.079	1.48	0.1	0.7	<0.02	1.13	1.1	0.25	0.9
2679710	Vegetation	0.26	5	34.36	0.506	1.9	4.5	0.83	634.7	0.007	267	0.22	0.092	1.89	<0.1	0.5	<0.02	1.08	0.8	0.17	0.6
2679711	Vegetation	0.44	8	32.46	0.658	2.9	6.1	0.89	480.0	0.012	293	0.29	0.147	2.01	0.2	1.0	<0.02	1.20	1.3	0.11	1.1
2679712	Vegetation	0.48	8	33.74	0.553	2.8	5.6	0.83	367.3	0.010	221	0.35	0.164	1.37	0.1	1.0	<0.02	1.31	1.4	0.16	1.0
2679713	Vegetation	0.37	7	33.67	0.507	2.5	5.0	0.87	593.2	0.008	259	0.23	0.113	1.25	0.1	0.7	<0.02	1.09	1.5	0.20	0.8
2679714	Vegetation	0.39	8	36.71	0.523	2.4	5.6	0.75	769.6	0.009	309	0.23	0.143	1.40	0.1	0.8	<0.02	1.16	1.7	0.11	0.7
2679715	Vegetation	0.52	10	35.75	0.591	3.5	6.8	0.68	644.2	0.011	218	0.28	0.122	1.15	0.2	0.9	<0.02	1.07	1.8	0.25	1.1
2679716	Vegetation	0.37	7	36.61	0.362	2.5	4.4	0.47	396.0	0.007	170	0.19	0.078	0.78	0.1	0.7	<0.02	1.40	1.2	0.35	0.8
2679717 TECK ASH-1	Ash	0.15	58	18.26	0.236	15.8	173.8	2.02	115.3	0.023	285	2.95	0.656	1.30	<0.1	9.4	0.14	0.44	0.1	0.20	5.9
2679718	Vegetation	0.37	8	34.53	0.381	3.2	5.6	0.52	716.5	0.010	169	0.27	0.082	0.71	0.2	0.9	<0.02	0.92	1.7	0.13	0.9

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679690	Vegetation	1.12	0.2	0.09	0.18	97.6	1.1	<0.05	2.4	1.74	5.6	0.05	16	<0.1	3.4	<10	4
2679691	Vegetation	0.33	0.1	0.06	0.16	32.2	0.3	<0.05	1.9	1.31	3.8	<0.02	<1	<0.1	1.3	<10	<2
2679692	Vegetation	0.32	0.1	0.06	0.16	13.7	0.5	<0.05	1.7	1.41	4.0	<0.02	<1	<0.1	1.2	<10	<2
OVEN STD-1	Vegetation	2.24	0.2	0.05	0.15	213.1	4.8	<0.05	2.2	0.90	5.2	<0.02	5	0.5	4.2	<10	<2
2679693 TECK ASH-2	Ash	0.77	<0.1	0.02	0.07	77.8	0.4	<0.05	1.1	1.15	2.4	<0.02	<1	0.2	0.4	<10	<2
2679694	Vegetation	1.19	0.3	0.13	0.27	53.8	1.3	<0.05	3.3	2.21	7.9	0.06	4	0.2	3.3	<10	4
2679695	Vegetation	0.98	0.1	0.09	0.20	61.0	0.9	<0.05	2.4	1.17	5.6	0.03	7	<0.1	2.9	<10	5
2679696	Vegetation	1.14	<0.1	0.07	0.20	55.2	1.0	<0.05	2.9	2.22	7.3	0.04	6	0.2	3.2	<10	2
2679697	Vegetation	0.43	<0.1	0.04	0.17	37.0	0.6	<0.05	1.8	1.07	4.2	<0.02	3	<0.1	1.6	<10	3
2679698	Vegetation	0.90	0.2	0.10	0.19	71.0	1.3	<0.05	3.0	2.08	6.7	0.04	8	<0.1	3.2	<10	<2
2679699	Vegetation	0.68	0.1	0.07	0.17	51.3	0.5	<0.05	2.2	1.89	5.8	0.05	9	<0.1	2.6	<10	3
2679700	Vegetation	0.33	<0.1	0.05	0.15	20.5	0.1	<0.05	1.3	0.77	3.2	<0.02	<1	0.2	2.0	<10	<2
2679701	Vegetation	0.87	0.1	0.09	0.21	46.6	1.0	<0.05	2.7	1.97	6.9	0.03	5	<0.1	2.5	<10	<2
2679702 TECK ASH-1	Ash	1.33	0.1	0.34	0.04	22.3	0.5	<0.05	10.9	12.00	35.5	0.04	3	0.2	12.9	<10	3
2679703	Vegetation	0.68	0.2	0.09	0.22	55.5	0.8	<0.05	2.3	1.65	6.3	0.03	9	0.2	2.9	<10	3
2679704	Vegetation	1.08	0.3	0.07	0.22	78.6	1.0	<0.05	2.7	2.06	6.6	0.05	6	<0.1	4.0	<10	<2
2679705	Vegetation	1.91	0.2	0.07	0.23	95.5	1.2	<0.05	2.0	2.06	6.9	0.05	9	<0.1	21.0	<10	3
2679706	Vegetation	1.89	0.3	0.08	0.26	150.8	1.1	<0.05	2.8	2.08	7.4	0.05	24	<0.1	4.1	<10	<2
2679707	Vegetation	0.86	0.2	0.09	0.20	78.0	0.6	<0.05	2.2	1.83	6.2	0.06	5	<0.1	3.1	<10	<2
2679708	Vegetation	0.90	0.4	0.06	0.25	94.1	0.9	<0.05	2.1	2.16	7.2	0.06	15	0.1	4.6	<10	<2
2679709	Vegetation	0.89	0.2	0.05	0.13	72.2	<0.1	<0.05	1.4	1.35	3.9	0.04	7	0.1	1.6	<10	3
2679710	Vegetation	1.07	0.1	0.04	0.12	86.5	<0.1	<0.05	1.4	1.26	3.7	0.02	11	<0.1	1.1	<10	<2
2679711	Vegetation	1.94	0.2	0.07	0.18	115.0	0.6	<0.05	2.1	1.64	5.7	0.05	6	<0.1	2.8	<10	4
2679712	Vegetation	1.41	0.1	0.08	0.21	59.2	0.4	<0.05	2.1	1.64	5.5	0.05	7	<0.1	3.5	<10	<2
2679713	Vegetation	0.98	0.1	0.04	0.16	55.7	0.2	<0.05	1.8	1.25	5.2	0.03	5	0.2	2.5	<10	2
2679714	Vegetation	0.72	0.1	0.08	0.19	48.2	0.4	<0.05	2.1	1.58	4.8	0.04	17	<0.1	2.7	<10	<2
2679715	Vegetation	0.50	0.3	0.10	0.22	28.9	0.7	<0.05	2.7	2.17	6.9	0.04	10	<0.1	2.8	<10	<2
2679716	Vegetation	0.38	0.2	0.07	0.13	21.0	0.5	<0.05	2.0	1.78	5.0	0.03	1	0.2	1.8	<10	4
2679717 TECK ASH-1	Ash	1.15	<0.1	0.31	0.05	20.1	0.4	<0.05	8.5	11.19	32.9	0.03	<1	0.2	13.8	<10	<2
2679718	Vegetation	0.39	0.1	0.07	0.14	20.7	0.3	<0.05	2.4	1.68	6.4	0.03	<1	<0.1	1.3	<10	<2

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679719	Vegetation	173.00		50.636	1.588	0.42	70.28	7.30	1377.1	210	12.8	2.3	>10000	0.14	1.5	<0.1	0.8	0.2	542.3	2.90	0.39
2679720	Vegetation	146.00		50.364	0.790	1.13	114.26	24.59	2273.1	584	13.5	3.0	>10000	0.34	2.3	0.3	0.3	0.7	987.6	3.25	1.29
2679721	Vegetation	193.00		50.502	1.076	0.67	99.24	19.52	1780.4	395	19.5	3.0	9371	0.20	1.4	0.1	0.7	0.3	944.7	7.15	0.73
2679722	Vegetation	163.00		50.913	0.883	1.46	111.35	48.88	2727.0	415	31.3	4.0	>10000	0.50	3.2	0.4	<0.2	0.8	620.3	4.49	1.66
2679723	Vegetation	192.00		50.903	1.172	0.80	116.68	22.12	1693.3	658	21.0	3.7	>10000	0.24	3.2	0.2	<0.2	0.4	720.5	6.42	0.81
2679724	Vegetation	159.00		50.918	1.012	0.95	139.49	93.72	1945.5	600	57.0	4.3	>10000	0.31	2.0	0.2	1.0	0.5	895.5	12.71	1.02
2679725	Vegetation	207.00		50.410	1.107	0.48	173.06	20.19	2741.1	565	15.7	2.4	>10000	0.12	1.6	<0.1	<0.2	0.2	1050.8	12.58	0.36
2679726	Vegetation	128.00		50.380	1.015	0.95	146.79	31.58	1756.9	757	47.7	3.9	>10000	0.29	1.8	0.2	0.6	0.4	928.5	6.17	1.29
2679727	Vegetation	157.00		50.703	0.753	1.03	207.93	80.29	2404.8	1609	46.4	4.1	>10000	0.32	2.1	0.3	1.1	0.5	645.7	9.67	1.12
2679728	Vegetation	115.00		50.806	0.752	1.56	135.85	49.76	2576.5	1062	25.6	2.6	>10000	0.52	2.5	0.4	0.7	1.1	344.5	3.18	1.88
2679729	Vegetation	136.00		50.755	0.787	1.27	158.32	38.84	2942.0	905	28.0	2.8	>10000	0.47	1.8	0.3	1.6	0.9	473.7	2.88	1.34
2679730	Vegetation	193.00		50.647	1.416	0.96	93.28	51.44	2405.5	394	11.6	2.8	9456	0.28	2.5	0.2	0.6	0.5	753.2	4.89	0.98
2679731	Vegetation	160.00		50.418	1.846	0.68	93.56	32.04	1106.6	515	16.0	3.3	>10000	0.22	2.0	0.1	1.0	0.3	641.4	10.74	0.67
2679732	Vegetation	169.00		50.841	1.033	0.93	111.33	46.93	1497.1	548	22.2	2.9	>10000	0.29	5.4	0.2	1.1	0.4	719.0	6.36	0.79
2679733 TECK ASH-2	Ash					0.67	128.58	14.34	2770.5	511	14.8	4.1	>10000	0.13	1.1	<0.1	3.6	0.1	1136.4	5.67	0.30
2679734	Vegetation	152.00		50.574	1.645	1.26	78.63	29.17	1311.6	336	11.2	2.6	9488	0.13	1.4	0.9	<0.2	1.0	456.8	4.82	0.46
2679735	Vegetation	141.00		50.532	0.786	0.96	159.35	61.97	2163.7	1390	23.8	2.8	9899	0.27	1.1	0.2	0.4	0.5	903.1	6.53	1.22
2679736	Vegetation	193.00		50.442	0.756	1.59	198.52	102.84	2215.1	911	41.5	5.1	>10000	0.52	6.8	0.3	<0.2	0.5	763.4	10.48	1.45
2679737	Vegetation	146.00		50.662	0.913	0.73	163.08	36.71	1787.3	654	36.9	6.5	>10000	0.21	1.4	0.1	1.7	0.3	1029.7	20.62	0.79
2679738	Vegetation	188.00		50.620	1.414	0.32	85.47	21.25	1243.3	459	15.2	2.3	9238	0.09	<0.1	<0.1	<0.2	0.1	685.0	6.56	0.27
2679739	Vegetation	143.00		50.879	1.603	0.61	65.19	30.75	1837.9	257	14.3	3.0	>10000	0.14	1.2	0.1	<0.2	0.2	628.1	7.85	0.50
2679740	Vegetation	152.00		50.694	1.186	0.57	77.13	36.39	2259.2	435	19.8	3.3	>10000	0.18	1.6	0.1	<0.2	0.3	602.7	9.20	0.53
2679741	Vegetation	154.00		50.738	1.026	0.79	144.07	57.83	1914.4	577	26.6	3.9	>10000	0.21	1.6	0.2	2.7	0.3	955.3	12.21	0.79
2679742	Vegetation	161.00		50.760	1.009	0.96	134.55	62.47	1593.6	685	14.2	2.0	>10000	0.28	1.7	0.3	1.3	0.6	408.2	4.06	1.01
2679743	Vegetation	153.00		50.119	1.063	1.11	121.85	59.37	1334.2	579	19.7	1.7	>10000	0.32	2.6	0.3	1.3	0.6	389.5	3.00	0.90
2679744	Vegetation	154.00		50.656	0.989	1.46	140.33	82.76	3379.4	1010	16.0	2.7	>10000	0.45	2.0	0.4	2.5	0.9	1134.4	7.63	1.67
2679745	Vegetation	137.00		50.261	1.220	0.63	99.08	44.81	2745.2	674	7.5	1.3	6513	0.17	0.8	0.2	0.5	0.4	1352.3	2.28	0.76
2679746	Vegetation	143.00		50.507	1.030	0.66	109.75	28.76	2424.6	578	7.6	0.8	8308	0.19	0.4	0.1	1.6	0.4	1149.0	1.58	0.61
2679747	Vegetation	152.00		50.682	0.972	1.24	115.47	78.71	2593.1	721	17.7	1.8	>10000	0.32	2.8	0.3	5.9	0.6	588.0	4.66	0.97
2679748	Vegetation	161.00		50.548	1.265	0.48	68.58	29.93	2884.3	297	8.2	2.5	>10000	0.10	0.9	<0.1	1.9	0.2	1290.8	5.18	0.42

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679719	Vegetation	0.14	3	37.49	0.262	1.5	3.0	0.55	2128.6	0.005	191	0.15	0.060	0.53	<0.1	0.5	<0.02	0.56	0.6	0.15	0.5
2679720	Vegetation	0.46	10	35.37	0.676	3.6	6.3	1.05	380.9	0.012	385	0.34	0.164	1.79	0.2	1.6	<0.02	1.27	1.5	0.07	1.2
2679721	Vegetation	0.25	5	36.83	0.447	2.3	4.5	0.57	961.6	0.007	210	0.26	0.080	0.93	0.1	0.6	<0.02	0.76	1.0	0.16	0.7
2679722	Vegetation	0.69	14	35.68	0.762	4.9	8.4	0.89	209.7	0.015	348	0.46	0.237	2.06	0.3	1.6	<0.02	1.77	2.2	0.15	1.8
2679723	Vegetation	0.36	7	35.72	0.510	2.5	4.8	0.60	464.6	0.009	269	0.28	0.114	1.45	0.1	0.9	<0.02	1.21	1.3	0.18	0.8
2679724	Vegetation	0.41	7	34.80	0.663	3.4	6.5	0.87	2877.4	0.012	258	0.43	0.087	1.61	0.2	0.7	0.09	0.70	0.9	0.21	1.0
2679725	Vegetation	0.14	3	35.70	0.576	1.5	3.1	0.90	3367.0	0.006	252	0.30	0.063	2.70	<0.1	0.5	0.06	0.61	0.3	0.22	0.6
2679726	Vegetation	0.51	8	34.81	0.889	2.7	5.1	1.18	351.9	0.013	273	0.43	0.107	2.08	0.2	1.0	<0.02	1.30	2.3	0.19	1.0
2679727	Vegetation	0.56	9	32.14	0.893	3.0	5.5	1.22	964.2	0.012	361	0.44	0.127	3.08	0.2	1.4	0.04	1.09	1.4	0.15	1.3
2679728	Vegetation	0.73	14	31.57	0.815	5.1	7.3	1.23	1776.4	0.016	306	0.53	0.136	2.04	0.2	1.6	<0.02	1.30	2.2	0.09	1.7
2679729	Vegetation	0.58	13	32.35	0.794	4.5	9.0	1.15	847.7	0.015	334	0.51	0.111	2.12	0.2	1.6	0.04	1.04	1.6	0.08	1.6
2679730	Vegetation	0.41	8	35.62	0.416	2.7	4.8	0.75	1900.3	0.008	205	0.24	0.064	1.18	0.1	0.8	0.03	1.09	0.7	0.22	1.0
2679731	Vegetation	0.28	6	37.26	0.369	2.1	3.5	0.45	2505.6	0.006	174	0.19	0.050	0.84	0.1	0.6	<0.02	0.57	0.8	0.15	0.7
2679732	Vegetation	0.41	7	34.49	0.411	3.0	4.9	0.71	409.4	0.008	190	0.30	0.063	1.32	<0.1	0.8	0.08	1.33	0.9	0.15	0.9
2679733 TECK ASH-2	Ash	0.04	2	35.56	0.491	1.9	1.5	0.80	5583.7	0.006	195	0.25	0.033	2.82	0.1	0.4	0.05	0.45	<0.1	0.22	0.5
2679734	Vegetation	0.18	4	37.37	0.297	2.3	3.4	0.56	1812.9	0.005	129	0.16	0.038	0.90	<0.1	0.5	<0.02	0.57	<0.1	0.14	0.5
2679735	Vegetation	0.52	9	34.15	0.776	2.6	4.6	0.93	433.6	0.011	299	0.32	0.135	3.05	0.2	1.2	<0.02	1.30	1.7	0.18	1.1
2679736	Vegetation	0.89	14	31.83	0.787	4.4	7.2	0.87	209.7	0.013	262	0.47	0.099	1.96	0.2	1.5	<0.02	2.20	2.4	0.23	2.0
2679737	Vegetation	0.32	5	33.92	0.652	2.0	4.0	0.92	2281.5	0.008	318	0.40	0.067	1.58	<0.1	0.6	0.02	0.74	1.1	0.15	0.8
2679738	Vegetation	0.10	2	36.73	0.293	0.9	2.1	0.53	2451.6	0.004	154	0.14	0.036	1.23	<0.1	0.4	0.04	0.59	<0.1	0.12	0.4
2679739	Vegetation	0.20	3	37.27	0.277	1.5	2.6	0.51	3256.2	0.004	159	0.17	0.035	0.78	<0.1	0.5	<0.02	0.57	0.3	0.21	0.6
2679740	Vegetation	0.24	4	34.90	0.407	1.7	3.7	0.82	922.7	0.006	239	0.16	0.053	1.30	0.1	0.7	0.03	0.84	0.4	0.19	0.9
2679741	Vegetation	0.33	6	36.45	0.539	2.3	3.8	0.70	2139.4	0.007	273	0.30	0.059	1.37	0.2	0.8	0.04	0.74	1.5	0.03	2.4
2679742	Vegetation	0.51	7	37.05	0.606	3.0	4.5	0.82	2245.9	0.009	329	0.29	0.071	1.54	0.2	0.9	0.02	0.81	1.3	<0.02	2.8
2679743	Vegetation	0.51	8	36.45	0.608	3.2	6.8	0.86	1946.6	0.011	311	0.33	0.089	2.03	0.1	1.2	0.03	1.10	1.2	<0.02	2.9
2679744	Vegetation	0.79	12	34.38	0.697	4.8	8.7	0.74	562.3	0.013	223	0.39	0.077	1.19	0.2	1.4	<0.02	1.01	2.3	0.05	4.6
2679745	Vegetation	0.30	5	39.23	0.421	1.8	2.8	0.62	3726.2	0.006	263	0.16	0.043	0.94	<0.1	0.7	<0.02	0.60	0.2	0.11	2.4
2679746	Vegetation	0.27	4	38.71	0.406	1.9	3.9	0.75	4145.1	0.006	334	0.16	0.058	1.31	<0.1	0.7	<0.02	0.53	0.5	<0.02	2.2
2679747	Vegetation	0.54	8	34.57	0.636	3.0	6.3	0.94	2084.3	0.010	361	0.31	0.090	1.85	0.2	1.0	0.06	0.97	0.7	<0.02	4.1
2679748	Vegetation	0.13	2	38.43	0.311	1.1	2.2	0.92	6016.7	0.004	225	0.10	0.027	0.84	<0.1	0.7	0.04	0.46	0.2	0.06	2.7

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	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679719	Vegetation	0.20	0.1	0.03	0.12	13.5	<0.1	<0.05	1.2	0.73	3.2	<0.02	<1	<0.1	1.3	<10	<2
2679720	Vegetation	0.61	0.1	0.11	0.24	55.4	0.8	<0.05	2.8	2.12	7.1	0.04	10	<0.1	2.2	<10	<2
2679721	Vegetation	0.52	0.1	0.06	0.16	27.3	0.2	<0.05	1.5	1.56	4.5	0.03	1	<0.1	1.9	<10	<2
2679722	Vegetation	1.68	0.2	0.05	0.26	75.7	1.1	<0.05	1.7	2.72	9.4	0.06	8	<0.1	4.2	<10	<2
2679723	Vegetation	0.79	0.2	0.05	0.14	53.7	0.2	<0.05	1.7	1.55	4.9	0.03	4	<0.1	1.8	<10	<2
2679724	Vegetation	2.15	0.2	0.07	0.19	87.1	0.2	<0.05	2.1	1.89	6.9	0.04	3	0.2	3.4	<10	3
2679725	Vegetation	0.81	0.1	0.04	0.11	90.3	<0.1	<0.05	1.0	1.07	2.8	<0.02	9	<0.1	1.3	<10	2
2679726	Vegetation	2.79	0.2	0.06	0.20	145.7	0.6	<0.05	2.0	1.70	5.8	0.05	2	<0.1	6.1	<10	5
2679727	Vegetation	3.59	0.2	0.08	0.21	154.6	0.7	<0.05	2.6	1.61	6.2	0.04	9	<0.1	4.4	<10	<2
2679728	Vegetation	3.19	0.2	0.08	0.20	96.5	1.1	<0.05	2.5	2.38	9.6	0.07	3	<0.1	6.3	<10	4
2679729	Vegetation	2.06	0.2	0.06	0.20	87.8	1.0	<0.05	2.4	1.94	8.7	0.06	8	<0.1	3.8	<10	5
2679730	Vegetation	0.83	0.2	0.09	0.19	45.1	0.3	<0.05	2.2	1.78	5.9	<0.02	11	<0.1	1.8	<10	3
2679731	Vegetation	0.67	<0.1	0.05	0.13	39.4	<0.1	<0.05	1.6	1.32	4.4	<0.02	3	<0.1	1.7	<10	4
2679732	Vegetation	1.09	0.1	0.08	0.11	54.5	0.4	<0.05	1.9	1.80	6.0	0.04	3	<0.1	2.4	<10	<2
2679733 TECK ASH-2	Ash	0.69	<0.1	0.03	0.07	67.0	<0.1	<0.05	0.9	1.06	1.9	<0.02	<1	<0.1	0.4	<10	3
2679734	Vegetation	0.44	0.1	0.02	0.10	29.9	<0.1	<0.05	1.0	0.69	2.9	<0.02	<1	<0.1	0.9	<10	2
2679735	Vegetation	2.24	0.2	0.08	0.22	141.8	0.8	<0.05	2.3	1.57	5.1	0.06	13	<0.1	3.6	<10	5
2679736	Vegetation	1.29	0.2	0.06	0.18	80.2	1.5	<0.05	2.5	2.37	9.4	0.09	9	<0.1	3.3	<10	7
2679737	Vegetation	0.92	<0.1	0.05	0.13	72.6	0.3	<0.05	1.6	1.38	4.2	0.02	<1	<0.1	3.8	<10	3
2679738	Vegetation	0.69	<0.1	0.02	0.11	41.9	<0.1	<0.05	0.8	0.89	2.2	<0.02	7	<0.1	1.4	<10	<2
2679739	Vegetation	0.51	0.1	0.04	0.11	24.9	<0.1	<0.05	1.2	0.77	3.4	<0.02	3	<0.1	1.9	<10	3
2679740	Vegetation	0.67	0.1	0.03	0.13	47.8	0.3	<0.05	1.2	0.79	3.5	0.03	5	<0.1	2.1	<10	4
2679741	Vegetation	0.95	0.3	0.02	0.12	66.3	0.8	<0.05	1.2	0.99	4.8	0.05	3	0.1	3.1	<10	5
2679742	Vegetation	1.15	0.2	0.04	0.12	58.4	0.9	<0.05	1.6	1.38	6.2	0.05	5	0.1	3.2	12	4
2679743	Vegetation	1.15	<0.1	0.05	0.14	70.1	1.0	<0.05	2.0	1.41	6.5	0.05	8	0.2	3.2	<10	3
2679744	Vegetation	1.63	0.3	0.09	0.19	46.3	1.6	<0.05	2.2	2.34	9.7	0.05	<1	<0.1	4.6	11	<2
2679745	Vegetation	0.51	0.3	0.04	0.10	35.0	0.3	<0.05	1.4	1.01	4.1	0.04	13	0.1	1.8	<10	2
2679746	Vegetation	0.75	<0.1	0.03	0.11	56.6	0.7	<0.05	1.4	0.98	4.1	<0.02	5	<0.1	3.3	<10	4
2679747	Vegetation	1.18	<0.1	0.06	0.13	71.5	1.1	<0.05	1.9	1.53	6.5	0.05	16	0.3	2.7	<10	3
2679748	Vegetation	0.28	<0.1	0.04	0.11	25.9	0.4	<0.05	1.0	0.63	2.8	<0.02	<1	<0.1	0.7	<10	3

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000013.1

Method		WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Wgt	Rec. Wt.	Ash Wt.	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.001	0.001	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
2679749	Vegetation	148.00		50.831	1.080	1.15	110.77	61.54	1783.8	546	13.3	2.3	>10000	0.33	1.8	0.3	1.5	0.6	598.6	5.33	1.15
2679750	Vegetation	154.00		50.593	1.179	1.37	106.87	103.56	1993.3	603	15.2	1.9	>10000	0.41	3.3	0.3	2.4	0.7	775.8	4.65	1.29

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Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679749	Vegetation	0.57	8	37.28	0.562	3.5	5.1	0.53	2814.1	0.009	254	0.29	0.055	1.00	0.2	1.1	<0.02	0.83	1.3	<0.02	3.5
2679750	Vegetation	0.75	10	35.26	0.576	4.0	6.2	0.71	656.9	0.011	246	0.32	0.062	1.19	0.2	1.0	0.04	1.18	1.2	<0.02	3.7

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CERTIFICATE OF ANALYSIS TIM14000013.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	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
2679749	Vegetation	0.74	0.2	0.05	0.09	36.0	1.2	<0.05	2.1	1.67	7.1	0.06	6	<0.1	3.0	<10	<2
2679750	Vegetation	0.75	<0.1	0.07	0.13	47.8	1.7	<0.05	2.1	1.96	7.8	0.06	12	0.2	2.6	<10	4

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000013.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
2679601	Vegetation	119.00		50.855	0.757	1.54	118.23	17.56	2763.7	573	14.0	2.5	>10000	0.46	1.5	0.4	3.0	1.0	811.5	2.35	1.73
REP 2679601	QC					1.53	118.35	17.49	2768.1	592	15.6	2.5	9756	0.47	1.0	0.4	0.6	1.1	801.4	2.32	1.73
2679635	Vegetation	150.00		50.313	0.924	1.27	137.99	29.68	3235.3	553	12.6	2.7	>10000	0.33	2.7	0.3	1.3	0.6	1391.3	4.69	1.06
REP 2679635	QC					1.27	138.68	29.39	3247.0	578	13.8	2.6	>10000	0.34	2.6	0.3	0.4	0.6	1415.5	4.99	1.24
2679671	Vegetation	188.00		50.495	1.403	0.31	59.04	18.05	1789.8	433	12.0	2.1	>10000	0.12	1.4	<0.1	<0.2	0.2	521.3	4.65	0.23
REP 2679671	QC					0.29	58.91	19.26	1907.4	472	12.8	2.4	>10000	0.12	1.9	<0.1	<0.2	0.2	563.3	4.97	0.23
2679706	Vegetation	129.00		50.631	0.864	1.27	151.04	57.00	1982.8	900	37.8	3.9	>10000	0.36	3.0	0.3	1.3	0.5	805.1	9.98	1.26
REP 2679706	QC					1.23	144.58	55.81	1976.4	927	37.2	3.5	>10000	0.35	3.5	0.3	1.7	0.5	754.9	9.40	1.25
2679742	Vegetation	161.00		50.760	1.009	0.96	134.55	62.47	1593.6	685	14.2	2.0	>10000	0.28	1.7	0.3	1.3	0.6	408.2	4.06	1.01
REP 2679742	QC					0.95	139.45	60.37	1606.3	729	14.3	2.0	>10000	0.28	1.6	0.2	3.1	0.5	405.4	4.03	1.00
Reference Materials																					
STD ASH-1	Standard					0.93	80.92	9.86	196.6	51	147.8	19.0	1182	2.33	3.2	0.7	3.4	4.4	896.8	0.23	0.15
STD ASH-1	Standard					0.94	83.33	9.84	200.8	38	143.0	18.8	1225	2.29	4.3	0.6	5.6	4.4	1009.9	0.30	0.19
STD ASH-1	Standard					0.93	83.70	9.49	183.0	59	145.4	18.3	1234	2.40	4.1	0.7	6.2	4.1	1005.3	0.32	0.16
STD ASH-1	Standard					0.95	71.10	9.53	168.0	49	143.4	18.3	1229	2.35	3.9	0.6	4.8	3.6	1038.6	0.22	0.17
STD ASH-1	Standard					0.77	83.71	9.47	200.7	36	141.3	17.5	1274	2.29	3.9	0.7	5.8	4.4	1055.5	0.29	0.19
STD DS10	Standard					11.26	166.30	159.95	395.5	2362	81.1	12.7	909	2.74	44.9	2.6	49.5	7.4	65.7	2.83	8.79
STD DS10	Standard					15.30	165.35	167.43	404.1	2050	83.9	13.7	956	2.92	47.8	3.0	72.1	8.7	79.8	2.76	10.45
STD DS10	Standard					11.37	172.63	156.69	387.7	2012	82.9	13.7	879	2.80	45.5	2.7	124.6	7.2	65.6	2.69	8.82
STD DS10	Standard					13.65	154.24	166.55	372.9	1916	83.1	13.4	962	3.00	50.5	3.3	104.7	8.1	72.8	2.82	9.35
STD DS10	Standard					13.40	177.71	180.19	417.5	2034	85.7	14.1	940	2.93	50.2	2.8	77.4	7.7	74.3	2.76	8.75
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					0.01	<0.01	0.05	<0.1	6	<0.1	<0.1	4	<0.01	0.2	<0.1	<0.2	<0.1	0.7	<0.01	<0.02
BLK	Blank					0.04	<0.01	<0.01	<0.1	7	<0.1	<0.1	9	<0.01	<0.1	<0.1	<0.2	<0.1	0.8	<0.01	<0.02
BLK	Blank					<0.01	<0.01	0.01	<0.1	8	<0.1	<0.1	6	<0.01	<0.1	<0.1	<0.2	<0.1	1.0	<0.01	<0.02
BLK	Blank					<0.01	0.06	0.03	<0.1	4	0.1	<0.1	4	<0.01	0.7	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
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

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000013.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
2679601	Vegetation	0.61	12	31.73	0.837	4.8	9.3	1.12	496.3	0.016	393	0.45	0.177	1.71	0.3	1.7	<0.02	1.11	2.5	<0.02	2.3
REP 2679601	QC	0.61	13	32.27	0.835	4.7	9.7	1.13	478.9	0.016	372	0.45	0.181	1.66	0.2	1.9	<0.02	1.12	2.4	<0.02	1.8
2679635	Vegetation	0.42	9	32.75	0.707	3.1	6.3	1.08	3038.5	0.013	399	0.32	0.191	1.56	0.2	1.5	<0.02	0.75	1.3	0.09	1.5
REP 2679635	QC	0.42	9	33.45	0.702	3.2	5.3	1.09	3336.1	0.013	391	0.32	0.194	1.57	0.1	1.4	<0.02	0.76	1.4	0.06	1.7
2679671	Vegetation	0.16	3	22.60	0.339	1.2	1.9	0.69	2191.5	0.005	225	0.17	0.060	1.18	<0.1	1.9	0.36	0.58	0.1	0.08	1.6
REP 2679671	QC	0.17	3	23.83	0.347	1.3	2.0	0.78	2305.0	0.006	258	0.19	0.063	1.21	<0.1	1.9	0.37	0.59	0.8	0.09	1.7
2679706	Vegetation	0.65	10	31.44	0.922	3.5	5.9	1.15	278.6	0.014	324	0.48	0.167	3.31	0.2	1.3	<0.02	1.69	1.9	0.14	1.3
REP 2679706	QC	0.62	10	30.57	0.863	3.5	5.8	1.13	243.3	0.013	320	0.46	0.163	3.23	0.2	1.1	<0.02	1.65	1.8	0.10	1.1
2679742	Vegetation	0.51	7	37.05	0.606	3.0	4.5	0.82	2245.9	0.009	329	0.29	0.071	1.54	0.2	0.9	0.02	0.81	1.3	<0.02	2.8
REP 2679742	QC	0.45	8	37.23	0.580	2.9	4.5	0.83	2281.1	0.009	303	0.29	0.073	1.56	0.1	1.2	<0.02	0.82	0.7	<0.02	2.4
Reference Materials																					
STD ASH-1	Standard	0.14	52	18.43	0.253	14.7	166.1	2.00	104.3	0.023	303	2.98	0.527	1.30	<0.1	9.5	0.14	0.43	0.3	0.18	6.1
STD ASH-1	Standard	0.16	53	18.49	0.254	13.4	164.5	2.02	107.1	0.022	267	3.15	0.602	1.31	<0.1	9.7	0.14	0.45	0.3	<0.02	6.1
STD ASH-1	Standard	0.09	53	17.86	0.262	14.4	174.7	2.10	105.7	0.022	316	3.09	0.565	1.34	<0.1	10.2	0.13	0.46	0.4	0.09	6.9
STD ASH-1	Standard	0.13	54	19.56	0.239	13.1	175.5	2.09	106.3	0.020	278	2.90	0.525	1.21	<0.1	9.8	0.15	0.44	0.4	0.11	7.0
STD ASH-1	Standard	0.16	54	20.75	0.268	15.1	167.6	2.08	107.0	0.022	329	3.20	0.622	1.31	<0.1	9.8	0.14	0.46	0.4	<0.02	6.9
STD DS10	Standard	13.55	41	1.01	0.080	15.8	56.8	0.80	424.5	0.079	11	0.95	0.059	0.33	3.2	2.7	5.27	0.29	2.1	5.34	4.0
STD DS10	Standard	14.05	48	1.15	0.078	19.1	60.4	0.83	444.0	0.091	<1	1.09	0.069	0.36	3.8	3.2	5.38	0.29	2.4	5.80	5.5
STD DS10	Standard	11.69	41	1.04	0.074	15.0	57.9	0.79	416.1	0.075	21	0.96	0.067	0.34	4.3	3.0	5.07	0.30	1.7	4.81	4.1
STD DS10	Standard	13.61	50	1.13	0.071	19.9	58.8	0.85	435.0	0.095	8	1.12	0.067	0.36	3.4	3.2	5.44	0.30	2.3	5.44	5.4
STD DS10	Standard	13.78	47	1.07	0.077	17.2	60.3	0.84	460.9	0.082	7	1.03	0.062	0.35	4.1	2.9	5.46	0.30	2.2	5.70	4.8
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	0.02	<0.001	<0.5	<0.5	<0.01	0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.4	<0.02	<0.02	<0.1	0.04	<0.1
BLK	Blank	<0.02	<2	0.03	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.4	<0.02	<0.02	<0.1	<0.02	0.3
BLK	Blank	<0.02	<2	0.03	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.6	<0.02	<0.02	<0.1	<0.02	0.2
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	<0.1	0.02	0.5
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000013.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
2679601	Vegetation	0.77	<0.1	0.13	0.21	45.8	1.4	<0.05	3.2	2.44	9.2	0.04	2	0.2	10.2	<10	7
REP 2679601	QC	0.77	0.1	0.12	0.20	41.9	1.6	<0.05	3.2	2.29	9.0	0.03	5	<0.1	10.4	<10	3
2679635	Vegetation	0.88	0.3	0.10	0.20	55.1	1.4	<0.05	3.9	1.71	5.8	0.06	5	0.4	20.9	32	7
REP 2679635	QC	0.90	0.2	0.12	0.20	55.6	1.3	<0.05	4.0	1.67	5.8	0.05	11	<0.1	20.9	<10	4
2679671	Vegetation	0.63	<0.1	0.03	0.06	43.9	0.4	<0.05	0.9	0.58	2.6	<0.02	3	0.1	1.9	<10	<2
REP 2679671	QC	0.65	<0.1	0.03	0.06	46.2	0.3	<0.05	0.9	0.61	2.6	0.03	5	0.1	1.6	<10	<2
2679706	Vegetation	1.89	0.3	0.08	0.26	150.8	1.1	<0.05	2.8	2.08	7.4	0.05	24	<0.1	4.1	<10	<2
REP 2679706	QC	1.82	0.3	0.08	0.20	141.5	0.7	<0.05	2.7	1.99	7.0	0.06	17	0.1	3.1	<10	<2
2679742	Vegetation	1.15	0.2	0.04	0.12	58.4	0.9	<0.05	1.6	1.38	6.2	0.05	5	0.1	3.2	12	4
REP 2679742	QC	1.15	0.1	0.04	0.11	59.2	1.1	<0.05	1.7	1.41	6.1	0.06	10	0.1	3.6	<10	6
Reference Materials																	
STD ASH-1	Standard	1.06	<0.1	0.26	0.05	17.9	0.6	<0.05	8.3	10.17	29.3	<0.02	1	0.4	10.9	<10	5
STD ASH-1	Standard	1.09	0.1	0.18	0.02	19.8	0.9	<0.05	6.7	10.40	28.4	0.05	<1	0.4	11.3	<10	<2
STD ASH-1	Standard	1.07	<0.1	0.33	0.06	19.2	0.7	<0.05	9.8	9.88	29.5	0.02	2	0.2	12.1	<10	5
STD ASH-1	Standard	1.12	0.2	0.34	0.05	20.6	0.7	<0.05	8.0	10.12	31.2	0.02	2	0.5	13.7	<10	<2
STD ASH-1	Standard	1.07	0.1	0.20	0.05	18.6	0.9	<0.05	6.7	10.98	32.1	0.04	<1	0.4	12.6	<10	3
STD DS10	Standard	2.75	<0.1	0.07	1.48	28.3	1.7	<0.05	2.6	6.95	32.4	0.23	56	1.0	19.0	98	198
STD DS10	Standard	2.97	0.2	0.06	1.72	29.7	1.3	<0.05	2.8	8.47	39.3	0.23	64	0.4	20.2	127	218
STD DS10	Standard	2.66	<0.1	0.05	1.38	27.2	1.3	<0.05	2.6	6.57	32.5	0.17	53	0.2	19.9	109	187
STD DS10	Standard	3.05	<0.1	0.06	1.91	31.0	1.4	<0.05	2.9	8.71	40.3	0.30	51	0.5	19.8	95	185
STD DS10	Standard	2.92	<0.1	0.03	1.61	29.5	1.5	<0.05	2.1	7.59	36.4	0.25	45	0.2	19.1	105	194
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.3	<0.01	0.4	<0.02	<1	<0.1	<0.1	<10	5
BLK	Blank	<0.02	<0.1	<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	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.4	<0.01	0.4	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.3	<0.02	<1	<0.1	<0.1	<10	<2

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Client: **Teck Resources Limited**
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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000013.1

		WGHT Wgt g 0.01	VA475 Rec. Wt. g 0.01	VA475 Ash Wt. g 0.001	VA475 Ashed Wt g 0.001	VG104 Mo ppm 0.01	VG104 Cu ppm 0.01	VG104 Pb ppm 0.01	VG104 Zn ppm 0.1	VG104 Ag ppb 2	VG104 Ni ppm 0.1	VG104 Co ppm 0.1	VG104 Mn ppm 1	VG104 Fe % 0.01	VG104 As ppm 0.1	VG104 U ppm 0.1	VG104 Au ppb 0.2	VG104 Th ppm 0.1	VG104 Sr ppm 0.5	VG104 Cd ppm 0.01	VG104 Sb ppm 0.02
Prep Wash																					
RICE	Prep Blank			100.329	0.240	60.43	769.36	5.01	5668.1	990	74.6	1.8	2247	0.05	12.6	<0.1	<0.2	<0.1	45.1	2.26	0.55
RICE	Prep Blank			100.370	0.246	60.27	757.40	3.96	5755.3	1035	71.7	2.0	2280	0.06	13.1	<0.1	<0.2	<0.1	47.2	2.25	0.44

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		VG104 Bi ppm 0.02	VG104 V ppm 2	VG104 Ca % 0.01	VG104 P % 0.001	VG104 La ppm 0.5	VG104 Cr ppm 0.5	VG104 Mg % 0.01	VG104 Ba ppm 0.5	VG104 Ti % 0.001	VG104 B ppm 1	VG104 Al % 0.01	VG104 Na % 0.001	VG104 K % 0.01	VG104 W ppm 0.1	VG104 Sc ppm 0.1	VG104 Tl ppm 0.02	VG104 S % 0.02	VG104 Se ppm 0.1	VG104 Te ppm 0.02	VG104 Ga ppm 0.1
Prep Wash																					
RICE	Prep Blank	0.11	<2	1.12	>5	<0.5	1.4	2.95	14.4	0.082	>2000	0.03	0.664	>10	0.1	0.5	0.06	<0.02	<0.1	<0.02	0.7
RICE	Prep Blank	0.07	<2	1.20	>5	<0.5	1.0	3.01	14.0	0.083	>2000	0.05	0.774	>10	<0.1	0.9	0.08	<0.02	0.5	<0.02	0.7

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		VG104 Cs ppm 0.02	VG104 Ge ppm 0.1	VG104 Hf ppm 0.02	VG104 Nb ppm 0.02	VG104 Rb ppm 0.1	VG104 Sn ppm 0.1	VG104 Ta ppm 0.05	VG104 Zr ppm 0.1	VG104 Y ppm 0.01	VG104 Ce ppm 0.1	VG104 In ppm 0.02	VG104 Re ppb 1	VG104 Be ppm 0.1	VG104 Li ppm 0.1	VG104 Pd ppb 10	VG104 Pt ppb 2
Prep Wash																	
RICE	Prep Blank	1.40	0.3	<0.02	0.03	554.7	0.2	<0.05	0.5	0.08	0.2	<0.02	<1	<0.1	5.3	<10	<2
RICE	Prep Blank	1.42	0.4	<0.02	0.03	574.5	0.3	<0.05	0.6	0.13	0.2	<0.02	<1	<0.1	7.1	<10	3

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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 14, 2014
Report Date: November 18, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS TIM14000014.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00014
Shipment ID: ROL_2014_022
P.O. Number
Number of Samples: 49

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VGMAS	47	Plant Maceration to 1mm			VAN
VA475	47	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	49	Analysis sample split/packet			VAN
VG104-EXT	49	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000014.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679751	Vegetation	130.00		50.317	1.203	1.20	99.42	26.79	2185.7	513	11.8	1.4	>10000	0.33	1.5	0.2	1.0	0.6	809.1	2.85	1.14
2679752	Vegetation	150.00		50.964	1.744	0.70	66.61	13.53	1299.3	303	12.2	1.3	>10000	0.16	1.4	0.1	<0.2	0.3	400.6	6.92	0.46
OVEN STD-1	Vegetation			20.476	0.530	1.11	42.80	8.68	1693.6	834	13.5	0.5	>10000	0.15	2.5	2.5	1.8	1.1	585.0	0.71	0.42
2679753	Vegetation	150.00		50.301	1.332	0.99	73.85	17.19	2246.9	375	11.8	5.0	>10000	0.22	2.1	0.2	1.3	0.5	792.2	5.39	1.07
2679754	Vegetation	140.00		50.214	1.026	1.15	116.84	34.87	3110.1	542	46.0	3.9	>10000	0.31	2.7	0.3	0.4	0.5	900.9	5.82	1.17
2679755	Vegetation	160.00		50.108	1.026	0.77	124.99	24.83	2343.2	871	27.3	3.0	>10000	0.24	1.9	0.2	0.6	0.4	826.9	6.39	1.00
2679756	Vegetation	110.00		50.221	0.884	1.67	112.37	64.63	3025.6	544	41.7	3.1	>10000	0.59	3.4	0.5	1.2	1.0	1170.2	3.19	1.97
2679757	Vegetation	160.00		50.499	1.109	1.39	121.23	52.57	2421.8	670	36.7	4.2	>10000	0.41	3.6	0.3	<0.2	0.5	720.0	5.97	1.27
2679758	Vegetation	170.00		50.203	0.723	2.12	134.73	64.55	2377.4	645	68.1	4.7	>10000	0.68	4.2	0.6	1.3	0.7	741.1	5.25	2.07
2679759	Vegetation	120.00		50.300	0.942	1.27	151.38	49.52	3048.7	532	60.5	5.0	>10000	0.47	2.7	0.3	1.7	0.6	1075.6	5.67	1.57
2679760	Vegetation	190.00		50.873	1.153	0.88	115.89	17.12	2048.2	532	14.8	2.3	>10000	0.24	2.7	0.2	0.6	0.4	573.1	5.34	0.77
2679761	Vegetation	140.00		50.563	0.770	1.19	117.21	18.25	2150.9	724	11.4	1.9	7065	0.29	2.5	0.2	1.1	0.4	986.4	2.73	0.96
2679762	Vegetation	160.00		50.681	1.624	0.60	61.39	9.56	1472.4	265	8.2	1.5	5197	0.17	2.2	0.1	<0.2	0.3	826.9	1.68	0.70
2679763	Vegetation	170.00		50.449	1.298	0.76	95.82	19.79	2183.5	410	15.5	3.5	>10000	0.20	2.7	0.1	0.6	0.2	526.2	4.13	0.70
2679764 TECK ASH-1	Ash					1.08	80.21	9.88	199.8	46	141.7	18.2	1189	2.75	4.9	0.7	2.9	4.5	994.9	0.28	0.17
2679765	Vegetation	160.00		50.194	0.928	0.78	125.60	23.91	2259.7	680	31.0	2.3	>10000	0.19	2.5	0.2	1.5	0.3	678.4	4.24	0.91
2679766	Vegetation	110.00		50.049	0.756	1.34	118.34	14.67	1930.0	527	32.4	3.4	>10000	0.45	2.4	0.3	0.7	0.9	730.8	3.81	1.49
2679767	Vegetation	170.00		50.377	1.493	0.62	66.16	14.83	1118.7	467	21.2	1.8	5269	0.19	2.6	0.1	0.8	0.3	602.1	1.20	0.63
2679768	Vegetation	150.00		50.383	1.321	0.75	67.02	16.52	1555.0	432	10.3	1.4	8866	0.22	2.3	0.2	1.2	0.3	682.4	0.74	0.81
2679769	Vegetation	180.00		50.604	0.900	0.85	93.61	13.21	1271.8	429	13.1	1.6	6348	0.29	2.2	0.2	0.7	0.5	799.1	2.36	0.83
2679770	Vegetation	170.00		50.619	1.164	0.83	130.03	20.53	2449.2	635	17.9	3.9	7488	0.27	3.3	0.2	0.5	0.4	1107.1	5.28	0.83
2679771	Vegetation	180.00		50.158	0.844	0.66	135.97	18.24	1776.5	1173	25.6	6.0	>10000	0.17	2.3	0.1	<0.2	0.3	767.9	1.86	0.65
2679772	Vegetation	200.00		50.116	1.920	0.32	68.45	7.86	1880.7	441	13.8	4.2	8846	0.09	1.1	<0.1	0.8	0.1	734.6	1.03	0.28
2679773	Vegetation	16.00		50.155	1.874	0.53	57.92	6.79	1730.2	229	14.4	2.6	6054	0.20	1.5	0.1	<0.2	0.3	654.2	0.62	0.45
2679774	Vegetation	170.00		50.567	1.609	1.00	52.14	15.31	1294.4	211	28.8	6.0	>10000	0.43	2.2	0.3	<0.2	0.5	359.8	4.44	0.93
2679775	Vegetation	160.00		50.602	0.878	0.93	87.16	9.84	1484.3	635	84.5	6.4	5908	0.28	4.8	0.2	0.8	0.5	1734.2	3.05	0.86
2679776	Vegetation	170.00		50.289	0.822	0.78	142.56	8.72	1903.4	667	75.1	9.2	9801	0.23	2.3	0.2	<0.2	0.4	1254.4	2.78	0.62
2679777	Vegetation	150.00		50.806	1.774	0.48	44.23	7.53	1211.0	153	8.1	0.7	7117	0.13	2.4	<0.1	<0.2	0.2	473.5	0.55	0.40
2679778	Vegetation	180.00		50.356	0.880	1.02	94.20	17.05	2355.2	432	11.1	1.9	6846	0.27	3.9	0.2	<0.2	0.5	629.9	0.65	1.09
2679779	Vegetation	170.00		50.689	1.390	0.47	99.72	91.20	2406.7	542	7.3	1.0	7303	0.12	1.3	<0.1	<0.2	0.2	774.9	5.40	0.46

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Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679751	Vegetation	0.59	8	36.18	0.539	3.4	5.8	0.73	3078.5	0.011	290	0.30	0.076	1.07	0.1	1.1	<0.02	0.66	1.5	<0.02	2.0
2679752	Vegetation	0.22	3	37.77	0.331	1.6	3.0	0.57	2289.4	0.005	194	0.18	0.042	0.71	<0.1	0.6	<0.02	0.54	0.3	0.06	2.5
OVEN STD-1	Vegetation	0.22	2	27.16	2.765	1.9	5.2	2.41	1215.0	0.015	786	0.17	0.528	8.69	0.4	2.4	<0.02	1.18	<0.1	0.03	3.9
2679753	Vegetation	0.38	6	38.08	0.362	2.6	4.1	0.60	2523.4	0.007	223	0.22	0.065	0.77	0.1	0.9	<0.02	0.61	1.5	0.07	2.1
2679754	Vegetation	0.54	8	34.40	0.734	3.0	6.6	1.21	923.8	0.012	463	0.58	0.108	2.12	0.3	1.2	<0.02	0.97	1.0	0.07	3.2
2679755	Vegetation	0.38	6	34.37	0.716	2.3	4.8	1.06	480.5	0.009	448	0.34	0.096	2.17	<0.1	1.1	<0.02	1.13	0.8	0.04	2.8
2679756	Vegetation	1.01	16	30.22	0.876	5.3	9.2	0.89	480.4	0.019	328	0.83	0.143	2.11	0.3	2.0	<0.02	1.18	1.2	0.13	3.9
2679757	Vegetation	0.74	12	34.22	0.728	4.1	6.8	0.82	393.7	0.014	369	0.52	0.111	1.69	0.3	1.4	<0.02	1.31	1.6	0.11	3.6
2679758	Vegetation	1.02	19	31.22	1.139	6.7	11.9	1.32	434.9	0.023	438	0.86	0.192	2.76	0.4	2.3	<0.02	1.17	2.5	0.14	4.4
2679759	Vegetation	0.76	12	32.94	0.977	4.3	8.1	1.30	578.3	0.016	415	0.75	0.108	1.32	0.2	1.5	0.02	0.92	1.4	<0.02	3.5
2679760	Vegetation	0.38	6	36.74	0.507	2.1	6.8	0.91	1691.2	0.008	335	0.21	0.077	1.46	0.1	0.9	<0.02	0.98	0.8	0.09	3.2
2679761	Vegetation	0.43	7	35.21	0.728	2.8	6.6	0.88	2580.7	0.011	390	0.26	0.103	1.62	0.2	1.2	<0.02	0.84	1.4	0.06	2.6
2679762	Vegetation	0.25	4	38.54	0.352	1.7	3.4	0.57	2447.9	0.005	200	0.15	0.048	0.67	0.2	0.7	<0.02	0.54	1.3	0.05	1.5
2679763	Vegetation	0.35	5	37.82	0.538	1.9	3.9	0.90	1468.0	0.008	340	0.22	0.081	1.29	0.1	0.7	<0.02	0.91	0.8	0.13	2.4
2679764 TECK ASH-1	Ash	0.16	63	18.22	0.243	15.3	183.4	1.88	109.9	0.023	302	2.97	0.571	1.23	<0.1	9.8	0.14	0.41	0.6	0.15	6.9
2679765	Vegetation	0.38	5	35.63	0.756	2.0	4.3	0.93	827.7	0.010	442	0.36	0.113	2.50	0.1	0.9	<0.02	1.12	1.2	0.07	2.4
2679766	Vegetation	0.69	12	34.70	0.970	4.4	9.3	1.11	764.9	0.016	526	0.52	0.164	2.73	1.4	1.9	<0.02	1.27	1.5	0.03	3.1
2679767	Vegetation	0.27	5	38.45	0.368	1.9	4.0	0.52	2659.1	0.006	194	0.30	0.055	0.86	<0.1	0.7	<0.02	0.84	0.6	0.09	1.9
2679768	Vegetation	0.34	6	39.66	0.411	1.9	4.3	0.64	2303.7	0.007	340	0.19	0.084	1.14	0.1	0.9	<0.02	0.82	1.1	0.12	2.1
2679769	Vegetation	0.39	7	37.50	0.609	2.7	6.4	0.61	2315.2	0.010	350	0.25	0.122	1.41	0.2	1.1	<0.02	0.88	1.3	0.11	1.9
2679770	Vegetation	0.45	6	38.52	0.540	2.7	4.8	0.65	855.3	0.009	344	0.22	0.075	1.11	0.1	1.1	<0.02	0.88	0.8	0.13	2.2
2679771	Vegetation	0.29	4	37.37	0.609	1.5	4.0	1.23	2168.5	0.008	506	0.23	0.107	1.66	<0.1	0.9	<0.02	0.80	0.9	0.03	2.2
2679772	Vegetation	0.10	2	>40	0.315	1.2	2.9	0.66	3080.3	0.004	233	0.26	0.068	0.99	<0.1	0.6	<0.02	0.47	0.5	0.07	2.0
2679773	Vegetation	0.10	4	37.75	0.343	2.0	6.8	0.75	2091.6	0.007	223	0.29	0.073	0.72	<0.1	0.8	<0.02	0.54	0.7	0.04	1.8
2679774	Vegetation	0.40	11	31.05	0.557	4.2	10.7	0.71	2227.2	0.015	252	0.43	0.153	0.97	0.2	1.7	<0.02	0.96	0.9	0.07	2.8
2679775	Vegetation	0.28	7	34.62	0.664	3.0	11.8	1.48	2088.0	0.011	539	0.28	0.170	1.60	0.2	1.3	<0.02	0.91	0.9	0.06	1.8
2679776	Vegetation	0.25	6	35.54	0.782	2.1	7.0	1.56	703.3	0.011	586	0.27	0.146	2.12	0.1	1.1	<0.02	0.90	1.3	0.08	2.3
2679777	Vegetation	0.10	3	>40	0.254	1.2	3.9	0.53	2249.6	0.004	257	0.13	0.058	0.68	<0.1	0.7	<0.02	0.72	0.4	0.03	1.7
2679778	Vegetation	0.23	6	38.93	0.545	3.0	8.7	0.91	537.5	0.010	474	0.28	0.160	1.11	0.2	1.1	<0.02	1.49	1.8	0.16	2.1
2679779	Vegetation	0.18	3	>40	0.386	1.2	3.0	0.72	2997.8	0.004	246	0.12	0.031	1.02	0.1	0.6	<0.02	0.57	0.3	<0.02	1.5

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000014.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679751	Vegetation	0.57	<0.1	0.08	0.14	42.2	0.9	<0.05	2.4	1.59	6.7	0.06	3	<0.1	3.0	<10	<2
2679752	Vegetation	0.44	<0.1	0.05	0.10	23.8	0.2	<0.05	1.3	0.84	3.4	<0.02	5	<0.1	1.5	<10	3
OVEN STD-1	Vegetation	2.15	<0.1	0.04	0.14	198.6	3.7	<0.05	1.7	0.58	4.0	<0.02	4	<0.1	4.0	<10	3
2679753	Vegetation	0.57	<0.1	0.08	0.15	27.6	0.6	<0.05	2.2	1.38	5.6	0.03	4	<0.1	2.8	<10	4
2679754	Vegetation	1.34	<0.1	0.06	0.19	117.4	0.9	<0.05	2.4	1.63	6.5	0.08	12	<0.1	3.2	<10	<2
2679755	Vegetation	1.49	<0.1	0.04	0.11	124.9	0.6	<0.05	2.0	1.14	4.8	0.04	11	0.2	3.9	14	<2
2679756	Vegetation	4.86	0.3	0.12	0.30	147.9	2.2	<0.05	3.3	2.69	11.1	0.10	10	<0.1	8.6	<10	5
2679757	Vegetation	1.10	0.1	0.08	0.20	90.1	1.1	<0.05	2.5	2.26	9.0	0.09	13	0.1	4.1	<10	4
2679758	Vegetation	3.42	0.4	0.05	0.33	162.9	1.9	<0.05	2.3	3.52	14.4	0.09	8	<0.1	7.0	<10	<2
2679759	Vegetation	1.47	<0.1	0.09	0.22	67.7	1.2	<0.05	2.5	1.90	8.5	0.06	5	<0.1	8.0	<10	4
2679760	Vegetation	0.52	<0.1	0.07	0.15	51.5	0.9	<0.05	2.0	1.13	4.6	0.03	8	<0.1	1.7	<10	3
2679761	Vegetation	0.57	<0.1	0.07	0.17	53.4	0.6	<0.05	2.4	1.38	5.9	0.03	9	<0.1	3.1	11	3
2679762	Vegetation	0.43	<0.1	0.06	0.14	17.5	0.4	<0.05	1.5	0.94	3.8	0.03	4	<0.1	1.5	<10	<2
2679763	Vegetation	0.69	<0.1	0.06	0.14	39.6	0.2	<0.05	1.5	1.09	4.1	0.03	6	<0.1	1.9	<10	<2
2679764 TECK ASH-1	Ash	1.08	<0.1	0.23	0.04	20.0	0.5	<0.05	8.8	11.21	32.1	0.03	1	0.2	11.8	<10	3
2679765	Vegetation	2.56	0.2	0.06	0.17	122.6	0.9	<0.05	1.7	1.04	4.3	0.03	16	<0.1	2.9	<10	4
2679766	Vegetation	1.50	<0.1	0.09	0.25	111.5	1.1	<0.05	2.6	1.98	8.2	0.04	16	0.1	5.0	<10	7
2679767	Vegetation	0.84	<0.1	0.03	0.13	41.2	0.5	<0.05	1.5	0.99	4.1	<0.02	3	0.2	1.4	<10	4
2679768	Vegetation	0.36	<0.1	0.05	0.14	33.4	0.7	<0.05	1.7	1.06	4.1	0.04	1	<0.1	1.4	<10	5
2679769	Vegetation	0.52	<0.1	0.08	0.18	40.4	0.7	<0.05	2.5	1.38	5.7	0.04	4	0.1	2.6	<10	4
2679770	Vegetation	0.86	<0.1	0.07	0.16	39.6	0.6	<0.05	2.1	1.45	5.9	0.02	3	<0.1	1.7	<10	<2
2679771	Vegetation	1.73	<0.1	0.05	0.12	72.1	0.5	<0.05	1.4	0.68	3.2	<0.02	8	<0.1	2.3	<10	3
2679772	Vegetation	0.65	<0.1	0.03	0.14	33.8	0.1	<0.05	1.0	0.57	2.9	<0.02	5	<0.1	0.8	<10	4
2679773	Vegetation	0.71	<0.1	0.04	0.16	30.8	0.3	<0.05	1.5	0.90	4.5	<0.02	<1	0.3	1.6	<10	3
2679774	Vegetation	1.29	0.2	0.09	0.29	49.4	0.5	<0.05	2.6	1.95	10.4	0.04	7	<0.1	2.1	<10	5
2679775	Vegetation	0.61	<0.1	0.05	0.22	54.4	0.3	<0.05	2.3	1.56	6.5	<0.02	3	<0.1	2.6	<10	7
2679776	Vegetation	0.68	<0.1	0.04	0.18	77.0	0.1	<0.05	2.0	1.00	4.5	0.03	5	<0.1	2.5	<10	<2
2679777	Vegetation	0.23	<0.1	0.03	0.13	19.1	0.4	<0.05	1.1	0.67	2.9	<0.02	3	0.2	1.0	<10	5
2679778	Vegetation	0.54	<0.1	0.09	0.21	39.9	0.8	<0.05	2.5	1.51	6.0	<0.02	13	<0.1	2.4	11	5
2679779	Vegetation	0.31	<0.1	0.07	0.10	33.7	<0.1	<0.05	2.7	0.62	2.8	<0.02	12	0.1	0.8	20	3

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000014.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Washed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
2679780	Vegetation	170.00		50.044	1.150	1.06	134.38	56.23	1761.7	583	12.3	2.0	>10000	0.35	3.0	0.2	0.9	0.5	663.4	3.87	0.79
2679781	Vegetation	130.00		50.195	1.031	0.99	114.49	10.09	1859.5	499	9.9	1.7	>10000	0.29	1.9	0.2	1.3	0.7	998.8	2.68	0.83
2679782	Vegetation	170.00		50.605	0.865	1.49	127.79	16.85	2322.5	407	16.2	2.5	>10000	0.47	2.3	0.4	0.9	1.2	654.1	2.75	1.68
2679783	Vegetation	140.00		50.771	0.874	1.12	134.76	18.67	2314.9	422	14.3	1.8	>10000	0.32	1.7	0.3	0.4	0.7	791.2	3.64	1.15
2679784	Vegetation	150.00		50.800	0.859	1.35	145.47	39.43	1996.2	566	17.1	2.3	>10000	0.37	2.1	0.3	2.1	0.8	463.2	4.25	1.33
2679785	Vegetation	150.00		50.208	1.144	0.75	131.85	66.52	2199.2	749	10.0	1.8	>10000	0.23	1.9	0.2	1.3	0.5	640.1	6.22	0.75
2679786	Vegetation	140.00		50.668	0.939	0.99	135.75	48.38	2598.8	518	39.3	3.1	>10000	0.29	1.5	0.3	<0.2	0.6	664.9	10.51	1.12
2679787	Vegetation	200.00		50.831	1.356	0.45	131.05	22.52	1456.7	375	24.1	2.9	>10000	0.14	2.5	<0.1	<0.2	0.2	885.0	14.57	0.34
2679788	Vegetation	190.00		50.354	1.251	0.59	120.69	45.43	1874.5	450	38.8	4.6	>10000	0.20	1.2	0.1	0.9	0.2	912.9	7.31	0.44
2679789	Vegetation	140.00		50.634	0.711	1.05	212.36	24.99	1644.6	750	58.1	4.4	>10000	0.35	1.5	0.2	5.8	0.5	1151.1	6.65	0.96
2679790	Vegetation	200.00		50.908	1.285	0.72	107.36	43.94	1680.7	622	22.5	3.8	>10000	0.21	1.9	0.1	1.0	0.3	802.7	7.90	0.55
2679791	Vegetation	140.00		50.186	1.058	0.87	136.89	32.56	1810.7	700	12.0	1.9	6012	0.26	1.3	0.2	0.6	0.6	855.7	3.03	1.11
2679792	Vegetation	170.00		50.653	1.039	1.00	122.70	39.81	2212.4	636	12.5	2.1	>10000	0.27	2.0	0.2	0.3	0.6	695.8	3.98	0.84
2679793 TECK ASH-2	Ash					0.62	134.91	14.32	2675.8	478	13.2	3.6	>10000	0.12	1.1	<0.1	5.0	0.1	1187.2	5.21	0.28
2679794	Vegetation	160.00		50.127	0.877	1.36	124.20	65.26	2451.4	668	21.2	2.6	>10000	0.41	1.8	0.4	9.4	0.7	951.8	4.24	1.38
2679795	Vegetation	150.00		50.995	1.886	0.94	72.39	43.70	1368.3	357	11.2	1.6	5847	0.23	1.7	0.2	0.4	0.5	1016.6	2.21	0.98
2679796	Vegetation	180.00		50.615	1.242	0.71	91.56	44.49	2098.4	382	7.9	2.3	8883	0.17	1.4	0.1	0.6	0.3	1170.8	3.03	0.45
2679797	Vegetation	150.00		50.602	1.032	0.89	160.40	25.63	1608.3	802	41.1	7.2	>10000	0.31	0.8	0.2	0.3	0.4	1254.6	5.55	0.91
2679798	Vegetation	130.00		50.298	0.926	0.81	146.91	52.34	2128.1	761	39.4	4.0	9097	0.35	1.8	0.2	0.8	0.6	889.0	3.78	1.31

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CERTIFICATE OF ANALYSIS TIM14000014.1

Method		VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
Analyte		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
Unit		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
2679780	Vegetation	0.36	7	37.05	0.483	3.1	5.5	0.63	3237.7	0.008	214	0.24	0.039	1.13	<0.1	0.9	0.10	0.67	0.6	0.15	2.7
2679781	Vegetation	0.33	7	36.54	0.473	2.9	5.9	0.86	3274.4	0.009	346	0.26	0.060	1.47	0.2	0.8	0.02	0.62	0.6	0.03	2.6
2679782	Vegetation	0.61	12	35.30	0.765	5.1	9.1	1.11	2713.6	0.014	320	0.43	0.076	1.81	0.4	1.8	<0.02	0.79	1.0	0.05	3.2
2679783	Vegetation	0.40	8	37.98	0.681	3.5	8.6	1.08	3164.1	0.011	382	0.29	0.069	1.63	0.2	1.2	<0.02	0.72	0.8	0.03	3.1
2679784	Vegetation	0.62	10	32.71	0.749	3.9	9.0	0.96	2351.8	0.013	383	0.35	0.102	2.29	0.2	1.2	0.02	1.03	0.5	<0.02	2.7
2679785	Vegetation	0.38	6	36.81	0.514	2.2	4.6	0.83	2576.8	0.008	271	0.20	0.063	1.69	0.1	0.8	0.12	0.86	0.9	0.09	2.4
2679786	Vegetation	0.55	8	34.46	0.673	2.7	5.6	1.07	2212.9	0.010	372	0.39	0.085	2.34	0.1	0.9	0.23	0.93	0.9	0.03	2.4
2679787	Vegetation	0.23	4	37.70	0.406	1.3	3.1	0.63	2995.0	0.005	213	0.26	0.044	1.06	<0.1	0.5	<0.02	0.74	0.5	0.04	2.4
2679788	Vegetation	0.27	5	35.86	0.420	2.0	5.4	0.87	3653.3	0.007	252	0.31	0.050	1.19	<0.1	0.6	0.03	0.63	0.3	<0.02	2.4
2679789	Vegetation	0.43	9	33.56	0.999	3.2	7.9	1.53	2830.9	0.013	447	0.79	0.096	2.98	0.2	1.1	0.08	0.89	1.6	<0.02	2.4
2679790	Vegetation	0.28	6	38.33	0.387	2.1	4.8	0.85	3595.9	0.007	261	0.30	0.047	1.30	<0.1	0.8	0.15	0.94	0.4	<0.02	2.5
2679791	Vegetation	0.41	8	36.30	0.555	2.6	5.1	0.92	2505.9	0.009	301	0.24	0.070	1.87	0.1	0.8	0.05	0.76	0.5	0.11	1.9
2679792	Vegetation	0.50	8	33.56	0.539	2.7	6.3	0.95	1814.9	0.010	344	0.27	0.084	2.03	0.1	0.9	<0.02	1.15	0.5	<0.02	2.7
2679793 TECK ASH-2	Ash	0.05	3	35.88	0.490	1.5	1.5	0.86	5400.2	0.005	246	0.27	0.034	2.73	<0.1	0.4	0.05	0.43	<0.1	<0.02	2.1
2679794	Vegetation	0.73	11	33.85	0.723	4.0	8.5	0.99	2112.4	0.013	310	0.35	0.092	2.01	0.2	1.2	<0.02	0.93	0.9	0.05	3.1
2679795	Vegetation	0.51	8	36.47	0.340	2.4	4.6	0.67	1926.6	0.007	232	0.22	0.064	1.72	0.1	0.8	<0.02	1.13	0.2	0.09	2.1
2679796	Vegetation	0.26	5	38.06	0.370	1.8	4.2	0.81	3466.1	0.006	233	0.15	0.043	1.38	<0.1	0.7	0.05	0.66	<0.1	<0.02	2.1
2679797	Vegetation	0.35	8	35.17	0.729	3.1	6.2	1.13	3927.2	0.011	321	0.51	0.071	1.97	0.1	0.9	0.25	0.67	0.3	0.08	2.8
2679798	Vegetation	0.49	10	35.25	0.796	3.5	7.5	1.35	2616.0	0.012	394	0.53	0.078	1.63	0.1	1.1	0.04	0.95	1.1	0.10	2.7

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

CERTIFICATE OF ANALYSIS TIM14000014.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
2679780	Vegetation	0.46	<0.1	0.06	0.17	34.3	0.8	<0.05	2.4	1.64	7.0	0.06	8	<0.1	1.2	<10	<2
2679781	Vegetation	0.88	<0.1	0.05	0.13	46.0	0.6	<0.05	2.4	1.35	6.1	<0.02	6	<0.1	2.3	11	<2
2679782	Vegetation	1.55	<0.1	0.08	0.17	58.2	1.2	<0.05	3.8	2.42	9.9	0.06	5	0.2	2.7	<10	3
2679783	Vegetation	1.36	0.1	0.07	0.20	53.2	0.9	<0.05	2.8	1.62	6.7	<0.02	<1	0.1	2.4	<10	6
2679784	Vegetation	0.85	0.2	0.08	0.16	68.6	1.2	<0.05	1.9	1.94	8.2	0.05	18	0.3	2.5	<10	6
2679785	Vegetation	0.96	<0.1	0.03	0.08	55.7	0.8	<0.05	1.4	1.03	4.4	0.05	13	<0.1	1.9	<10	2
2679786	Vegetation	2.54	0.1	0.07	0.12	104.2	0.9	<0.05	1.6	1.52	6.4	0.07	18	0.1	2.0	<10	2
2679787	Vegetation	0.93	<0.1	<0.02	0.09	60.5	0.3	<0.05	0.9	0.65	3.2	<0.02	9	<0.1	1.0	<10	5
2679788	Vegetation	0.78	<0.1	<0.02	0.16	55.8	0.3	<0.05	1.2	1.11	5.3	<0.02	7	0.1	1.2	<10	3
2679789	Vegetation	3.38	<0.1	0.06	0.18	159.6	0.8	<0.05	1.6	1.44	6.3	0.03	12	0.1	2.8	<10	5
2679790	Vegetation	0.62	<0.1	0.06	0.11	48.0	0.7	<0.05	1.3	0.98	4.6	0.02	9	0.3	1.3	12	<2
2679791	Vegetation	1.06	<0.1	0.07	0.15	60.7	0.7	<0.05	1.8	1.38	5.8	0.03	6	<0.1	1.9	<10	5
2679792	Vegetation	0.59	<0.1	0.06	0.10	62.8	1.0	<0.05	1.9	1.41	6.0	0.04	8	<0.1	1.9	<10	4
2679793 TECK ASH-2	Ash	0.62	<0.1	0.03	0.07	68.5	<0.1	<0.05	0.7	0.62	1.8	<0.02	1	<0.1	0.6	<10	3
2679794	Vegetation	1.36	0.2	0.06	0.17	58.7	1.3	<0.05	1.8	1.93	8.4	0.06	3	<0.1	2.4	20	3
2679795	Vegetation	0.44	<0.1	0.04	0.12	53.6	0.8	<0.05	1.6	1.26	5.4	0.04	11	0.1	1.3	<10	7
2679796	Vegetation	0.36	<0.1	0.03	0.09	42.4	<0.1	<0.05	1.2	0.90	4.0	0.03	8	<0.1	1.3	11	3
2679797	Vegetation	1.03	<0.1	0.04	0.14	93.7	0.5	<0.05	1.8	1.32	6.4	0.03	4	<0.1	2.1	<10	4
2679798	Vegetation	2.87	0.2	0.07	0.18	99.9	1.3	<0.05	1.7	1.55	8.0	0.05	3	0.1	3.0	<10	4

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000014.1

	Method	WGHT	VA475	VA475	VA475	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Wgt	Rec. Wt	Ash Wt	Ashed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	g	g	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.001	0.001	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
Pulp Duplicates																					
2679761	Vegetation	140.00		50.563	0.770	1.19	117.21	18.25	2150.9	724	11.4	1.9	7065	0.29	2.5	0.2	1.1	0.4	986.4	2.73	0.96
REP 2679761	QC					1.10	117.90	17.95	2170.1	701	12.4	1.9	7141	0.30	2.2	0.2	0.6	0.4	995.9	2.89	0.97
2679797	Vegetation	150.00		50.602	1.032	0.89	160.40	25.63	1608.3	802	41.1	7.2	>10000	0.31	0.8	0.2	0.3	0.4	1254.6	5.55	0.91
REP 2679797	QC					0.83	160.09	24.32	1563.8	765	41.0	7.4	>10000	0.29	0.3	0.2	0.5	0.4	1206.2	5.48	0.88
Reference Materials																					
STD ASH-1	Standard					0.87	80.39	9.95	193.5	46	138.6	18.0	1149	2.45	4.3	0.7	9.3	4.4	981.9	0.30	0.17
STD ASH-1	Standard					0.86	81.74	10.07	191.3	30	144.3	17.8	1131	2.43	3.5	0.7	5.9	4.5	986.2	0.26	0.19
STD DS10	Standard					11.84	156.77	164.20	402.1	2286	77.7	14.0	903	2.74	45.9	2.8	54.0	7.8	70.9	2.73	9.67
STD DS10	Standard					13.72	175.40	179.70	408.0	1956	81.0	13.8	898	2.80	47.6	2.6	53.9	7.9	71.4	2.52	9.43
STD ASH-1 Expected						0.84	73	8.83	175	35	133	17.2	1134	2.28	4.1	0.6	5	3.7	944	0.27	0.17
STD DS10 Expected						14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23
BLK	Blank					<0.01	<0.01	0.01	<0.1	<2	<0.1	<0.1	3	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank					<0.01	0.05	<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
Prep Wash																					
RICE	Prep Blank			100.606	0.298	47.88	456.89	3.63	4814.9	822	64.6	1.5	2041	0.07	15.3	<0.1	0.2	<0.1	40.3	2.03	0.28
RICE	Prep Blank			100.777	0.297	48.77	524.10	4.40	5064.3	868	67.5	1.6	2096	0.09	15.9	<0.1	<0.2	<0.1	42.8	1.96	0.40

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000014.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Se	Te	Ga
	Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	0.1	0.02	0.1
Pulp Duplicates																					
2679761	Vegetation	0.43	7	35.21	0.728	2.8	6.6	0.88	2580.7	0.011	390	0.26	0.103	1.62	0.2	1.2	<0.02	0.84	1.4	0.06	2.6
REP 2679761	QC	0.47	7	36.04	0.724	2.7	6.6	0.89	2430.3	0.011	413	0.25	0.105	1.62	0.2	1.1	<0.02	0.87	1.3	0.12	2.4
2679797	Vegetation	0.35	8	35.17	0.729	3.1	6.2	1.13	3927.2	0.011	321	0.51	0.071	1.97	0.1	0.9	0.25	0.67	0.3	0.08	2.8
REP 2679797	QC	0.30	8	33.97	0.712	3.2	6.1	1.07	3874.1	0.011	291	0.50	0.068	1.87	0.1	0.9	0.25	0.63	0.3	0.03	2.9
Reference Materials																					
STD ASH-1	Standard	0.14	55	18.62	0.236	14.2	173.8	1.91	107.9	0.023	298	3.08	0.575	1.22	<0.1	9.5	0.14	0.41	0.5	0.04	6.2
STD ASH-1	Standard	0.16	54	18.97	0.241	14.6	176.3	2.05	105.9	0.024	328	3.10	0.560	1.33	<0.1	9.4	0.14	0.44	0.5	0.05	6.2
STD DS10	Standard	13.73	43	1.05	0.076	16.2	56.0	0.78	421.8	0.076	<1	0.95	0.057	0.33	3.2	2.8	5.43	0.29	2.0	5.15	5.0
STD DS10	Standard	14.73	44	1.06	0.076	17.5	57.8	0.81	426.3	0.082	<1	0.97	0.064	0.34	3.7	2.9	6.09	0.29	1.7	4.71	4.9
STD ASH-1 Expected		0.13	49	18.54	0.24	12.8	159	1.91	94.5	0.02	294	2.95	0.55	1.17	0	8.5	0.12	0.41	0.5	0.06	6.1
STD DS10 Expected		11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	2.3	5.01	4.3
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	<0.1	<0.02	0.2
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
RICE	Prep Blank	0.16	<2	1.07	>5	<0.5	2.3	1.88	13.8	0.063	>2000	0.02	0.491	>10	<0.1	0.4	0.04	<0.02	0.3	0.04	0.8
RICE	Prep Blank	0.13	<2	1.09	>5	<0.5	3.0	2.19	15.2	0.068	>2000	0.03	0.444	>10	<0.1	0.6	0.03	<0.02	<0.1	0.07	0.8

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Project: EXNA.CA.ON.00014
Report Date: November 18, 2014

QUALITY CONTROL REPORT TIM14000014.1

	Method	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104	VG104
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	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
Pulp Duplicates																	
2679761	Vegetation	0.57	<0.1	0.07	0.17	53.4	0.6	<0.05	2.4	1.38	5.9	0.03	9	<0.1	3.1	11	3
REP 2679761	QC	0.58	<0.1	0.08	0.17	53.2	0.3	<0.05	2.4	1.40	5.7	0.03	13	0.1	3.7	10	5
2679797	Vegetation	1.03	<0.1	0.04	0.14	93.7	0.5	<0.05	1.8	1.32	6.4	0.03	4	<0.1	2.1	<10	4
REP 2679797	QC	1.02	0.1	0.07	0.16	89.6	0.6	<0.05	1.6	1.27	6.2	0.03	4	<0.1	2.0	<10	<2
Reference Materials																	
STD ASH-1	Standard	1.08	<0.1	0.27	0.03	17.2	0.6	<0.05	9.3	10.26	29.6	0.04	<1	0.5	11.9	<10	4
STD ASH-1	Standard	1.06	0.2	0.18	0.04	19.1	0.7	<0.05	6.3	10.18	32.8	0.02	1	0.6	12.7	<10	5
STD DS10	Standard	2.78	<0.1	0.04	1.58	28.3	1.4	<0.05	2.7	7.33	33.8	0.31	67	0.5	19.0	104	197
STD DS10	Standard	2.84	<0.1	0.04	1.54	29.6	1.3	<0.05	2.3	7.51	36.3	0.26	44	0.5	19.1	118	201
STD ASH-1 Expected		0.96	0.1	0.16	0.05	18.3	0.7	0	6	9.2	26	0.03	1	0.4	12	20	3
STD DS10 Expected		2.63	0.08	0.06	1	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	0.2	<0.05	0.3	<0.01	0.4	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	0.5	<0.02	<1	<0.1	<0.1	<10	3
Prep Wash																	
RICE	Prep Blank	1.47	0.2	0.05	<0.02	555.3	<0.1	<0.05	3.2	0.07	0.5	<0.02	<1	<0.1	4.4	10	<2
RICE	Prep Blank	1.40	0.2	0.08	<0.02	540.7	<0.1	<0.05	3.9	0.04	0.4	<0.02	<1	<0.1	4.7	<10	<2

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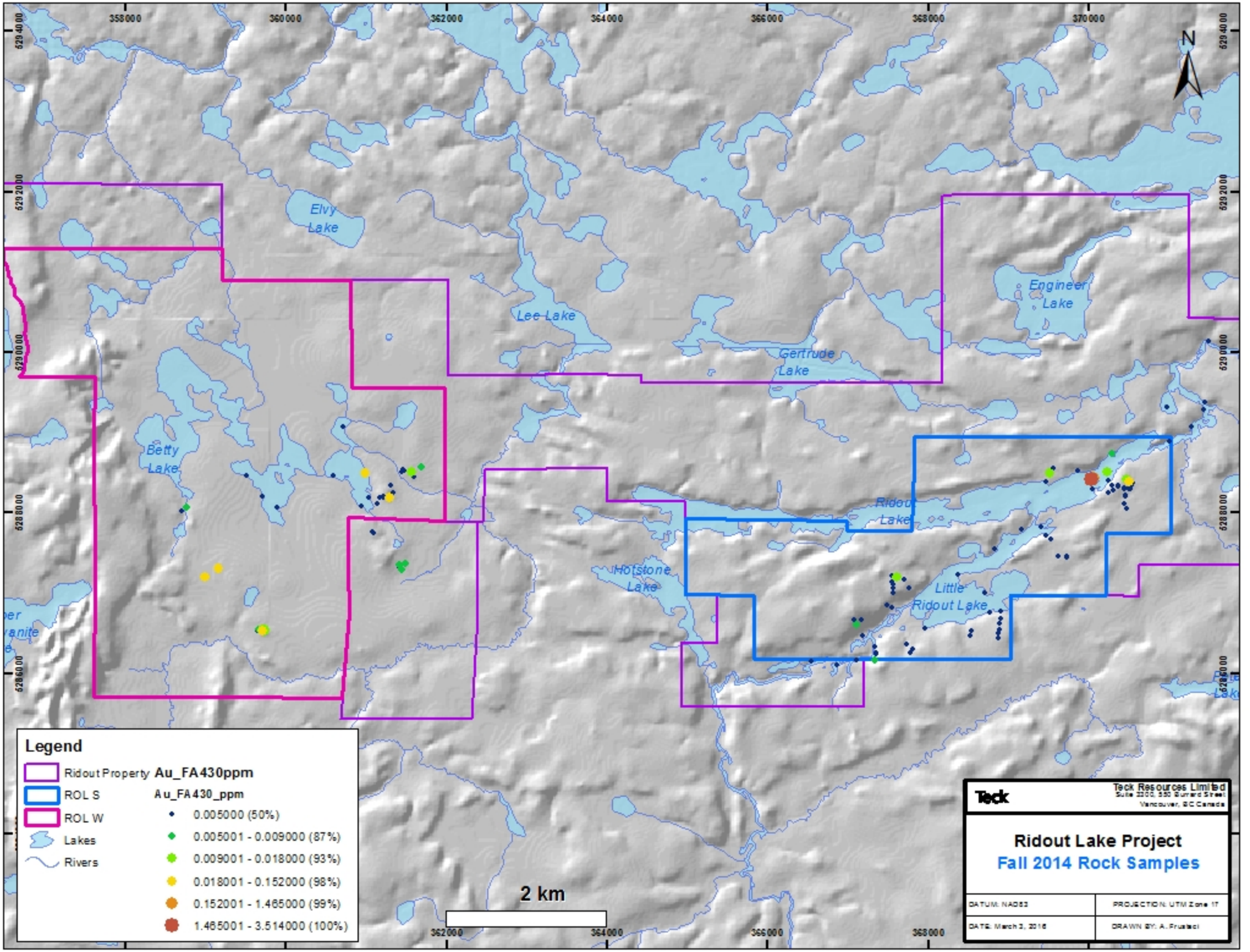
Appendix 2

Fall 2014 Rock Sample Geochemical Maps; Assays; Certificates


358000
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368000
370000
6294000
6292000
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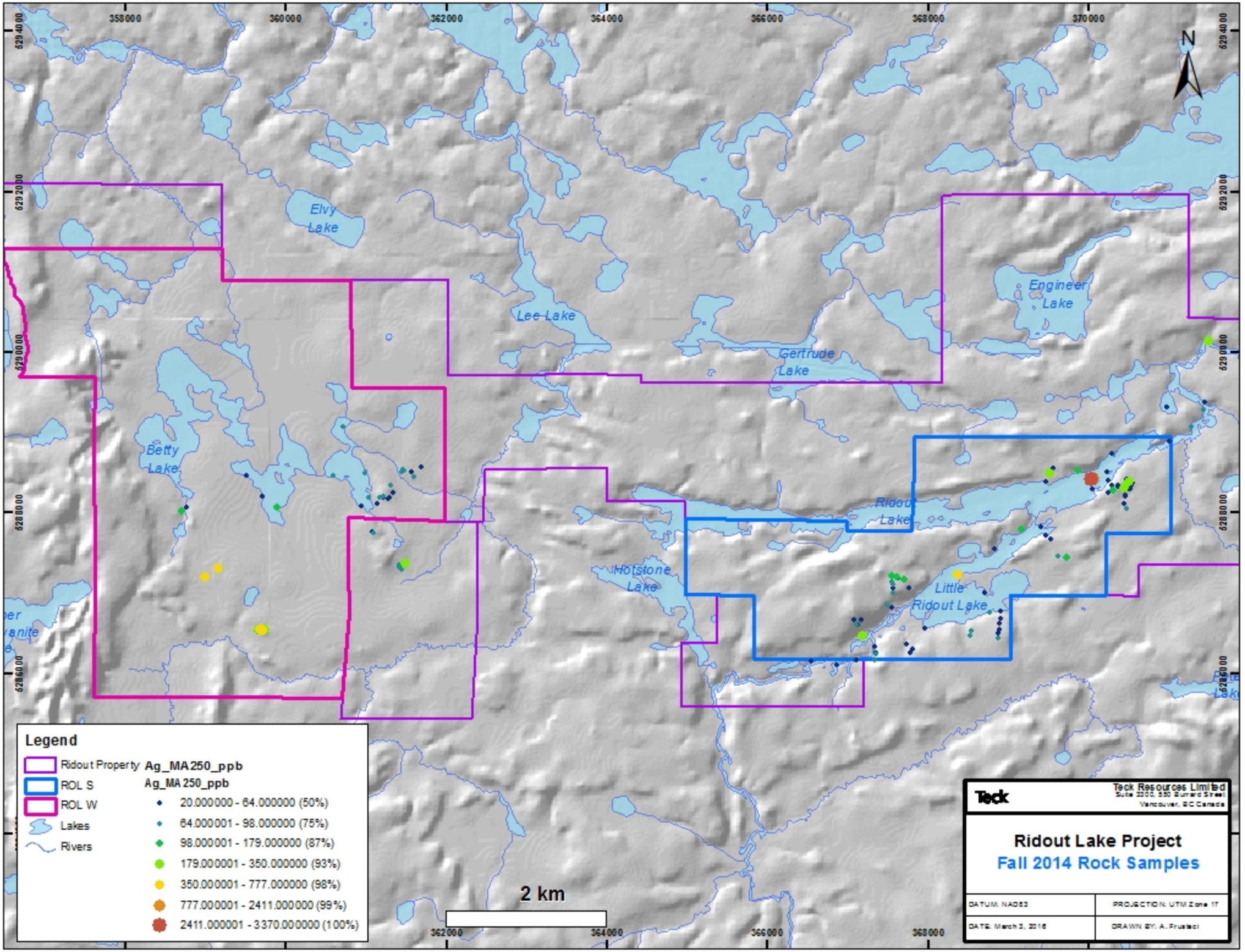
6288000
6286000
N
Elvy Lake
Lee Lake
Engineer Lake
Gertrude Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Au_FA430ppm
Au_FA430_ppm
0.005000 (50%)
0.005001 - 0.009000 (87%)
0.009001 - 0.018000 (93%)
0.018001 - 0.152000 (98%)
0.152001 - 1.465000 (99%)
1.465001 - 3.514000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci


358000
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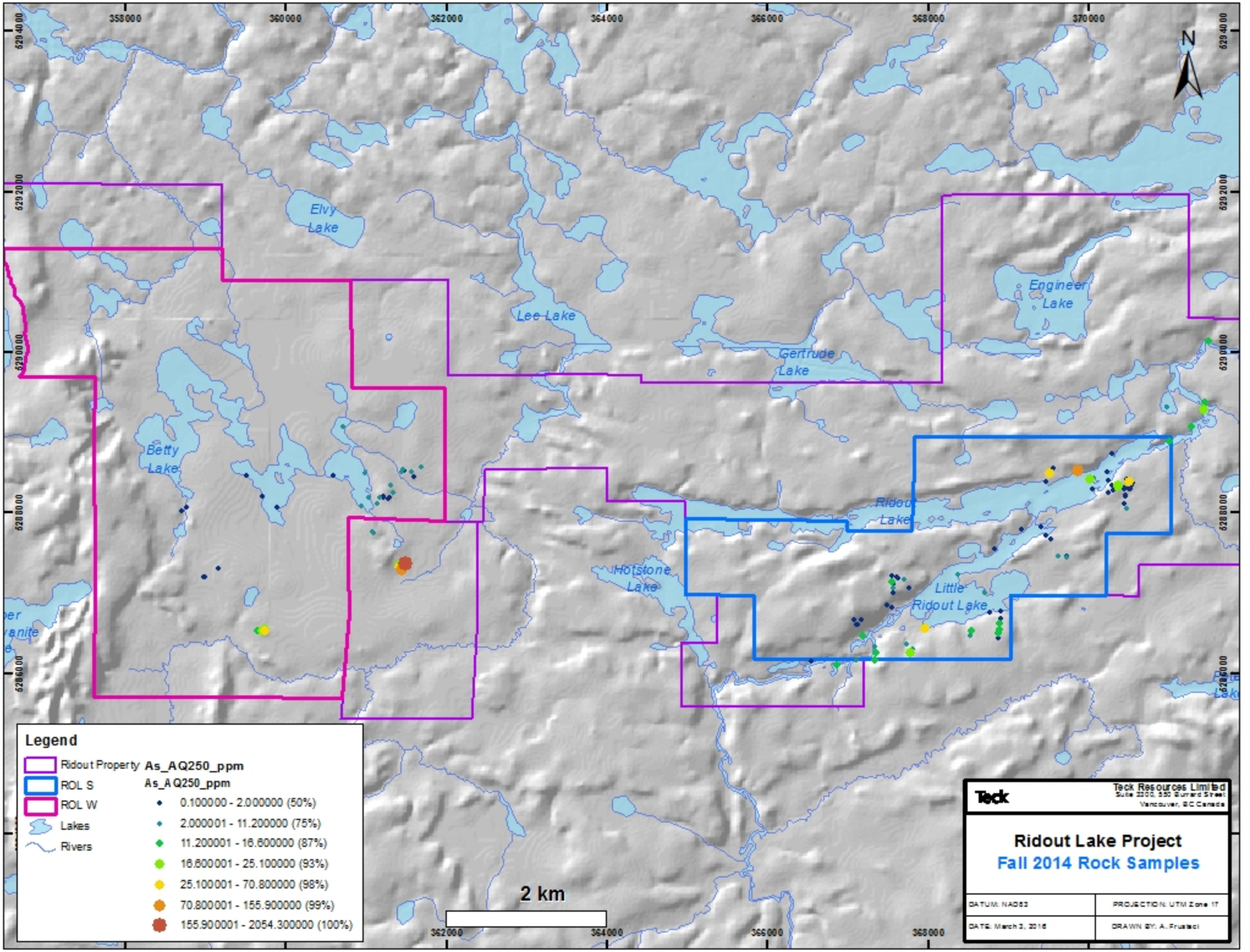
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
2 km
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Ag_MA250_ppb
Ag_MA250_ppb
20.000000 - 64.000000 (50%)
64.000001 - 98.000000 (75%)
98.000001 - 179.000000 (87%)
179.000001 - 350.000000 (93%)
350.000001 - 777.000000 (98%)
777.000001 - 2411.000000 (99%)
2411.000001 - 3370.000000 (100%)
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci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6290000
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6286000
N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
As_AQ250_ppm
As_AQ250_ppm
0.100000 - 2.000000 (50%)
2.000001 - 11.200000 (75%)
11.200001 - 16.600000 (87%)
16.600001 - 25.100000 (93%)
25.100001 - 70.800000 (98%)
70.800001 - 155.900000 (99%)
155.900001 - 2054.300000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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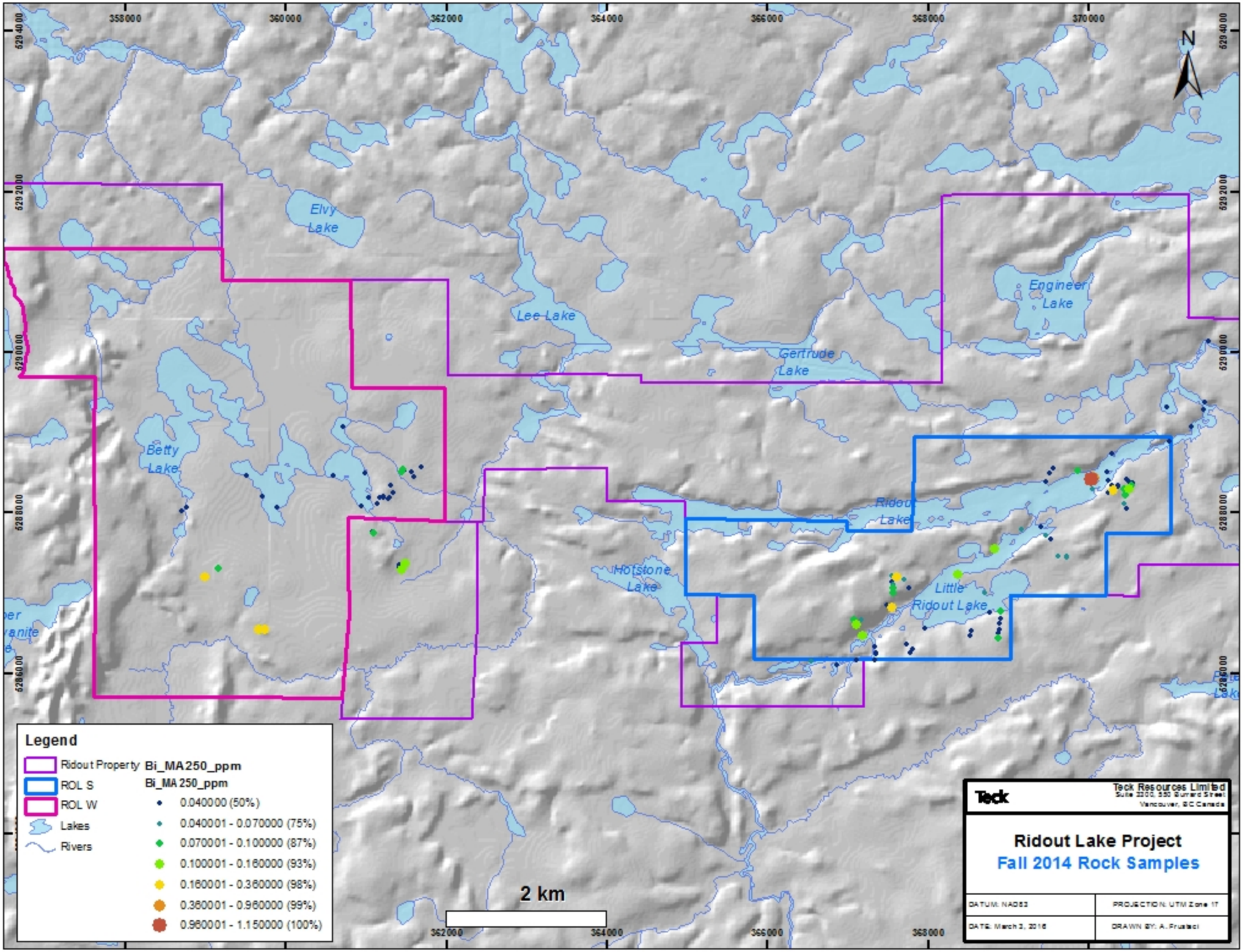
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6286000
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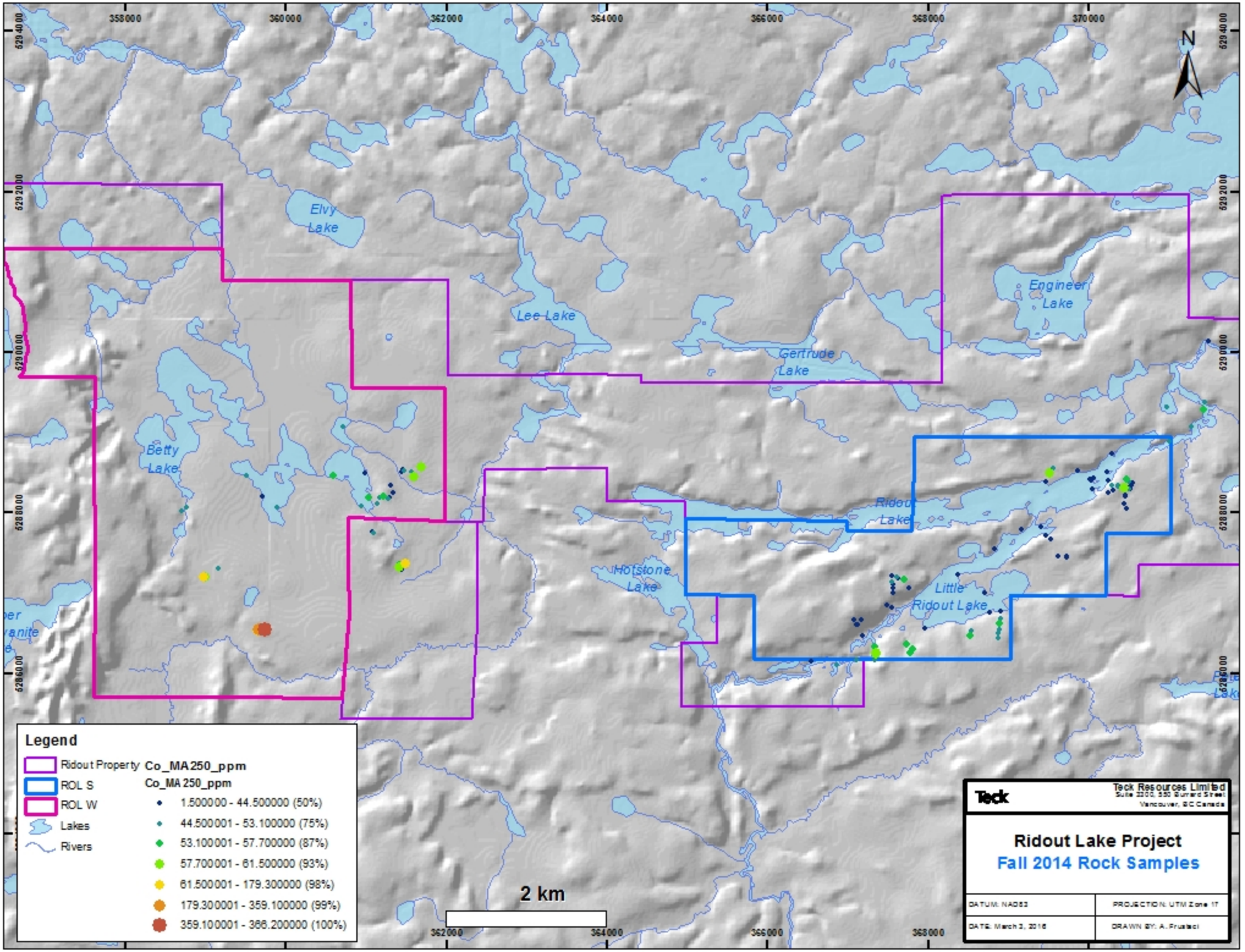
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Bi_MA250_ppm
Bi_MA250_ppm
0.040000 (50%)
0.040001 - 0.070000 (75%)
0.070001 - 0.100000 (87%)
0.100001 - 0.160000 (93%)
0.160001 - 0.360000 (98%)
0.360001 - 0.960000 (99%)
0.960001 - 1.150000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci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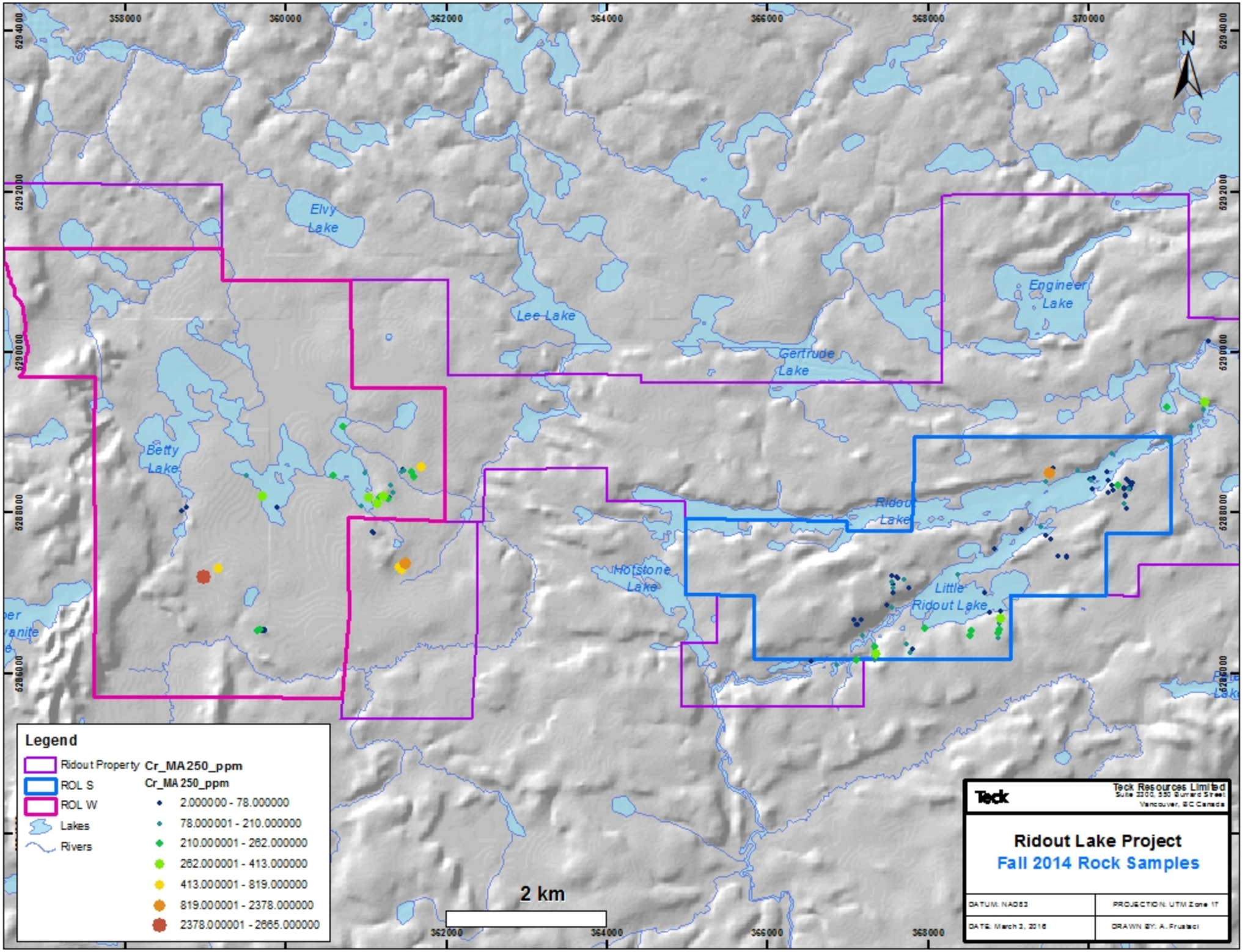
6288000
6286000
N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Co_MA250_ppm
Co_MA250_ppm
1.500000 - 44.500000 (50%)
44.500001 - 53.100000 (75%)
53.100001 - 57.700000 (87%)
57.700001 - 61.500000 (93%)
61.500001 - 179.300000 (98%)
179.300001 - 359.100000 (99%)
359.100001 - 366.200000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci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6288000
6286000
N
Elvy Lake
Lee Lake
Engineer Lake
Gertrude Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Cr_MA250_ppm
Cr_MA250_ppm
2.000000 - 78.000000
78.000001 - 210.000000
210.000001 - 262.000000
262.000001 - 413.000000
413.000001 - 819.000000
819.000001 - 2378.000000
2378.000001 - 2665.000000
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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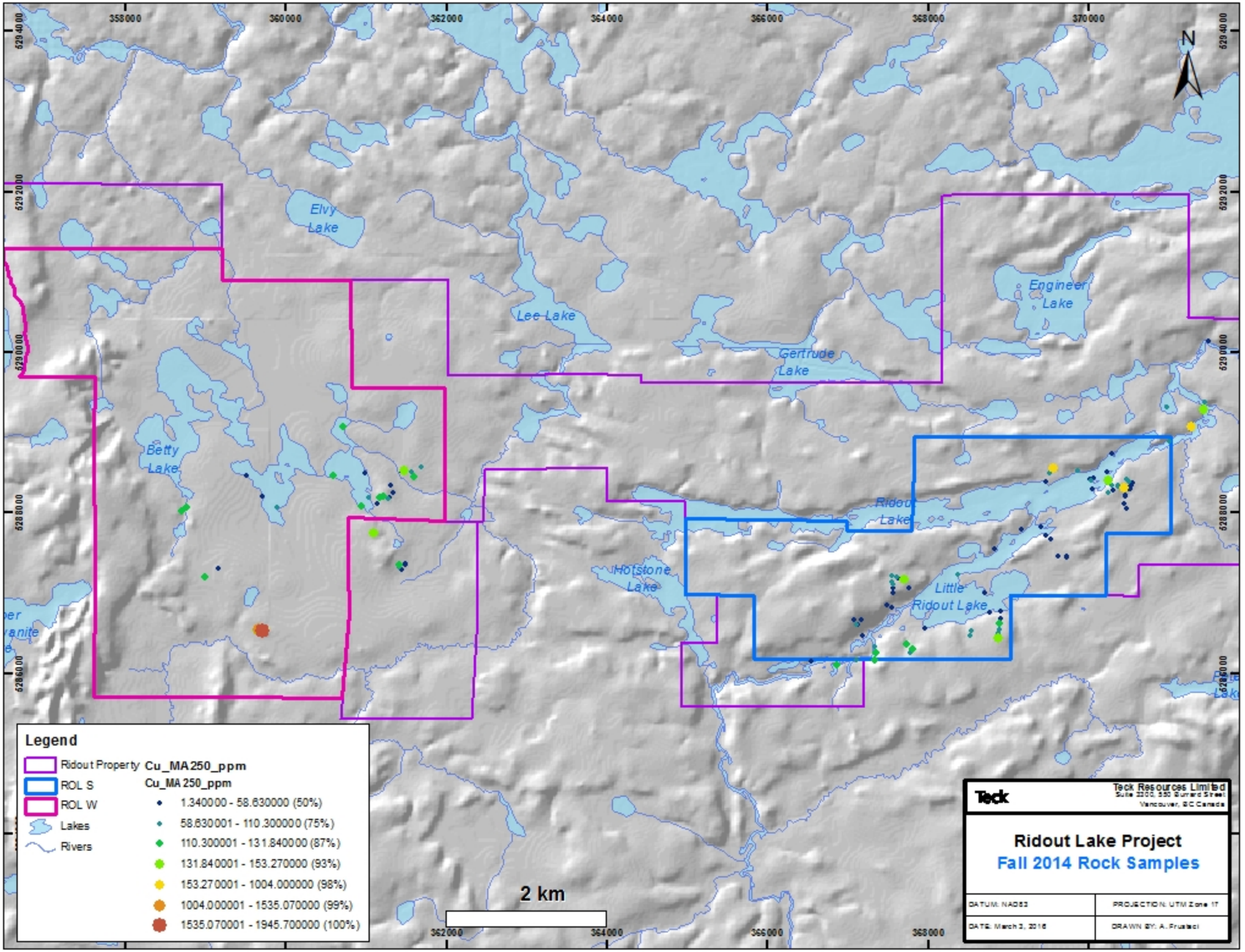
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6288000
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Elvy Lake
Lee Lake
Engineer Lake
Gertrude Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Cu_MA250_ppm
Cu_MA250_ppm
1.340000 - 58.630000 (50%)
58.630001 - 110.300000 (75%)
110.300001 - 131.840000 (87%)
131.840001 - 153.270000 (93%)
153.270001 - 1004.000000 (98%)
1004.000001 - 1535.070000 (99%)
1535.070001 - 1945.700000 (100%)
2 km
Teck
Teck Resources Limited
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Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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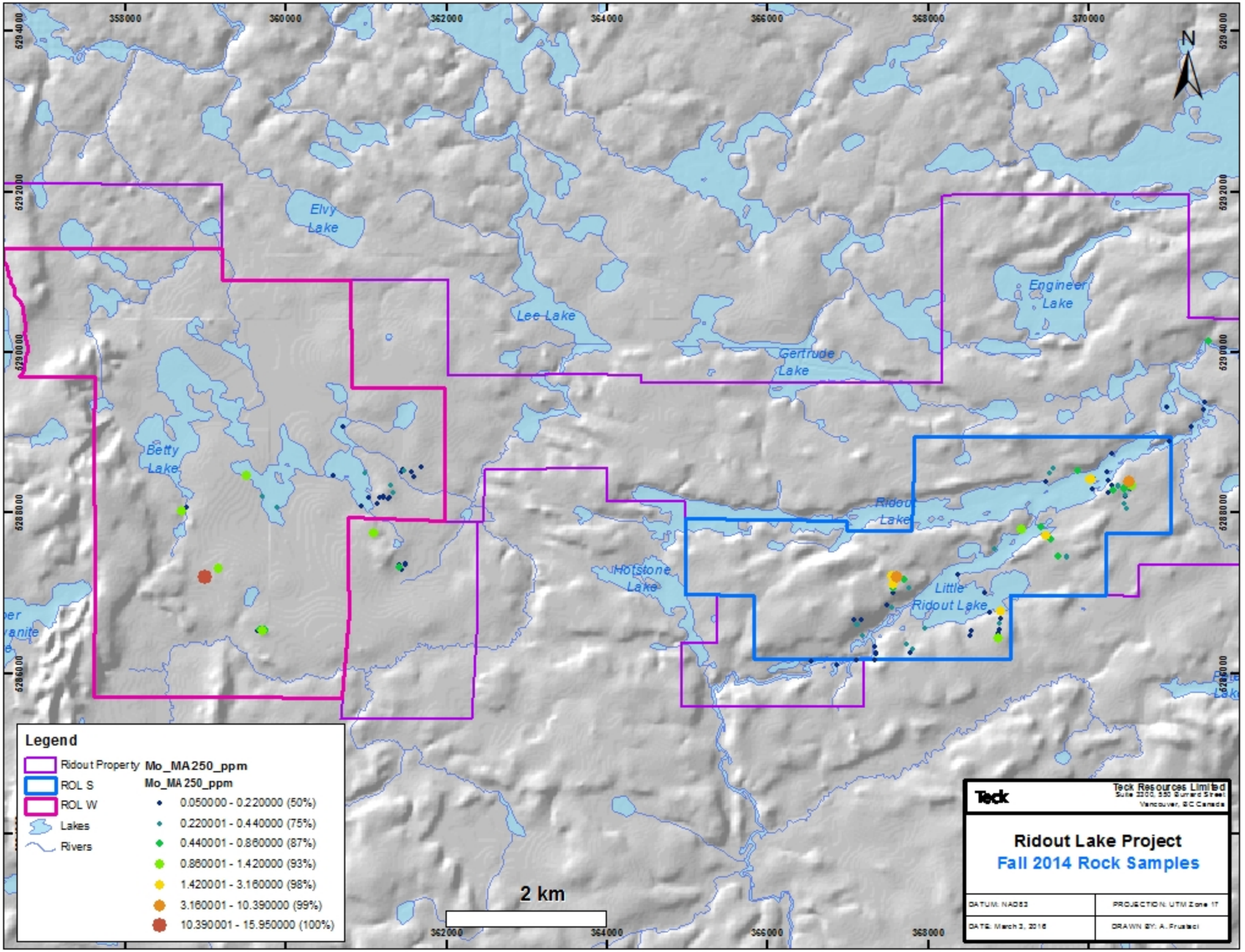
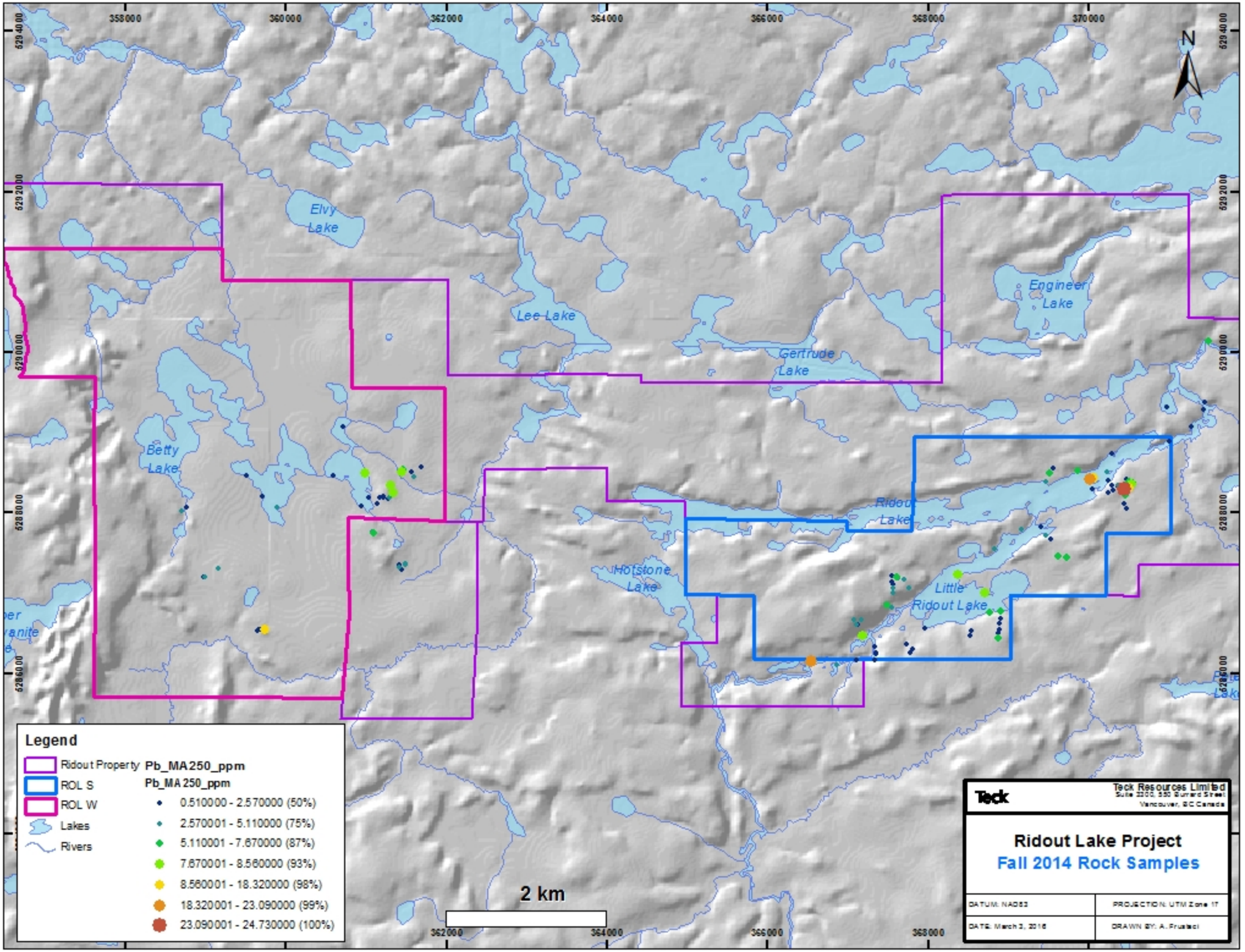

N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Mo_MA250_ppm
Mo_MA250_ppm
0.050000 - 0.220000 (50%)
0.220001 - 0.440000 (75%)
0.440001 - 0.860000 (87%)
0.860001 - 1.420000 (93%)
1.420001 - 3.160000 (98%)
3.160001 - 10.390000 (99%)
10.390001 - 15.950000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci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368000
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6294000
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6290000
6288000
6286000
N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Pb_MA250_ppm
Pb_MA250_ppm
0.510000 - 2.570000 (50%)
2.570001 - 5.110000 (75%)
5.110001 - 7.670000 (87%)
7.670001 - 8.560000 (93%)
8.560001 - 18.320000 (98%)
18.320001 - 23.090000 (99%)
23.090001 - 24.730000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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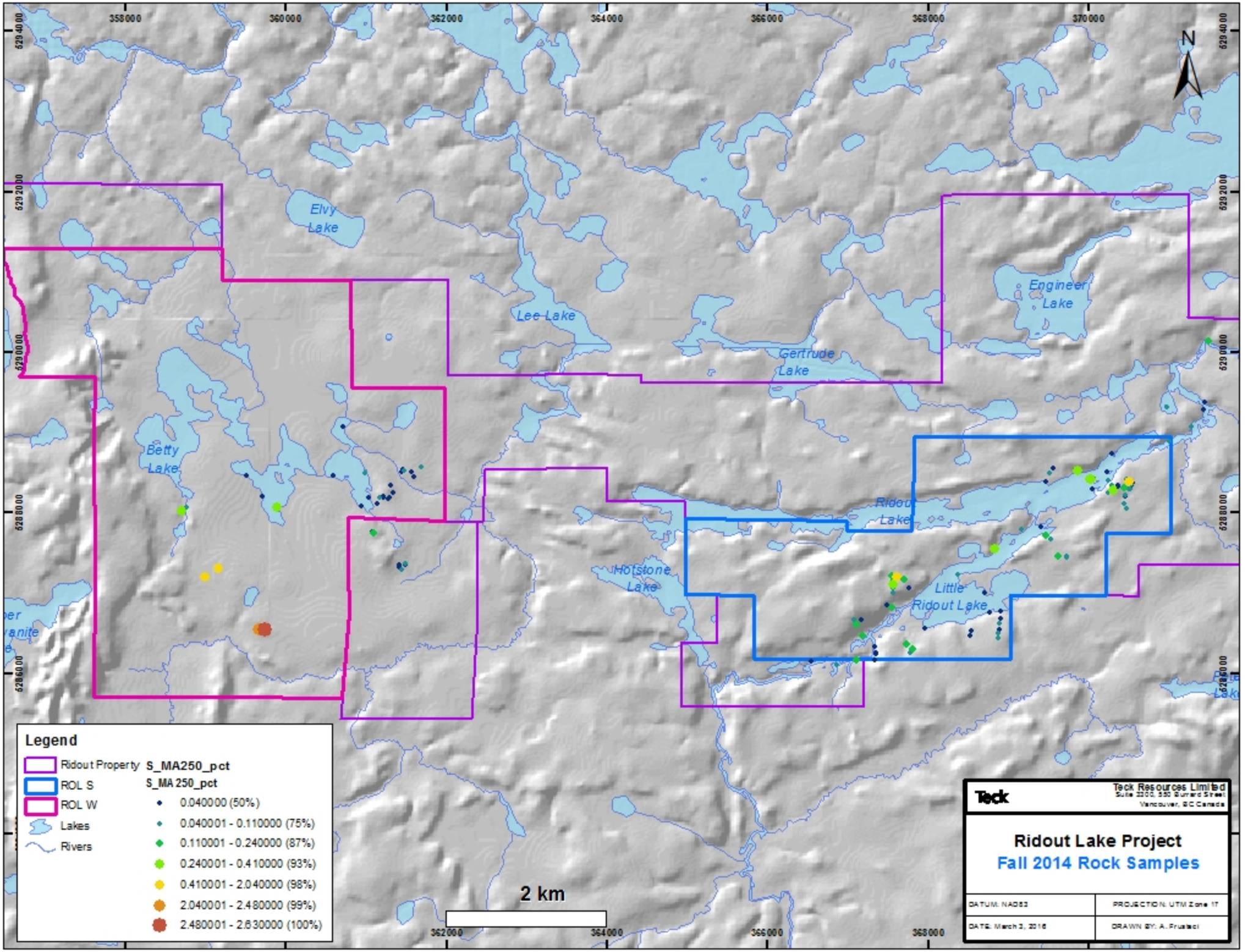
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N
Elvy Lake
Lee Lake
Engineer Lake
Gertrude Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
S_MA250_pct
S_MA250_pct
0.040000 (50%)
0.040001 - 0.110000 (75%)
0.110001 - 0.240000 (87%)
0.240001 - 0.410000 (93%)
0.410001 - 2.040000 (98%)
2.040001 - 2.480000 (99%)
2.480001 - 2.630000 (100%)
2 km
Teck
Teck Resources Limited
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Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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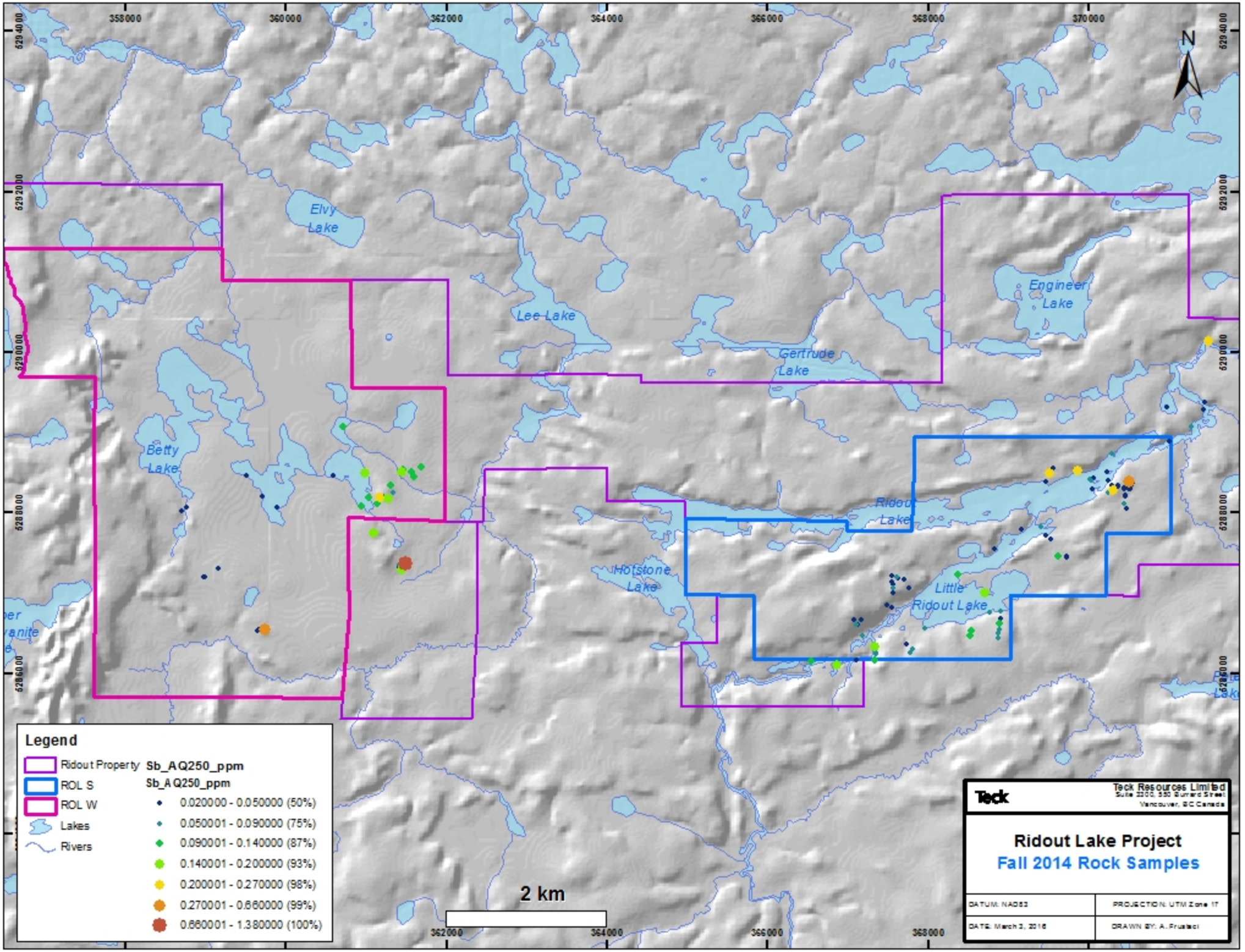
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N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Sb_AQ250_ppm
Sb_AQ250_ppm
0.020000 - 0.050000 (50%)
0.050001 - 0.090000 (75%)
0.090001 - 0.140000 (87%)
0.140001 - 0.200000 (93%)
0.200001 - 0.270000 (98%)
0.270001 - 0.660000 (99%)
0.660001 - 1.380000 (100%)
2 km
Teck
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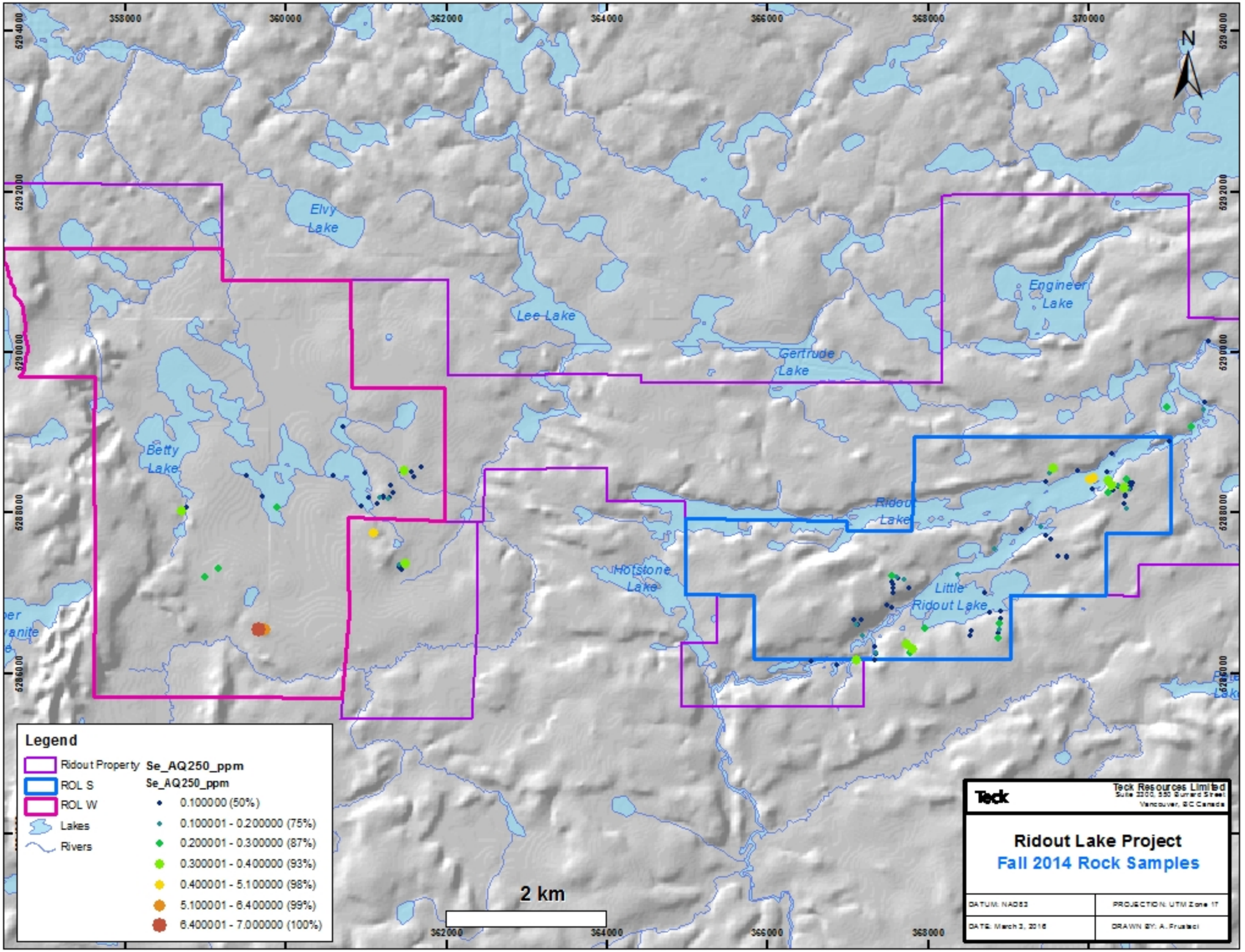
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
DRAWN BY: A. Frustaci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6292000
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6286000
N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Se_AQ250_ppm
Se_AQ250_ppm
0.100000 (50%)
0.100001 - 0.200000 (75%)
0.200001 - 0.300000 (87%)
0.300001 - 0.400000 (93%)
0.400001 - 5.100000 (98%)
5.100001 - 6.400000 (99%)
6.400001 - 7.000000 (100%)
2 km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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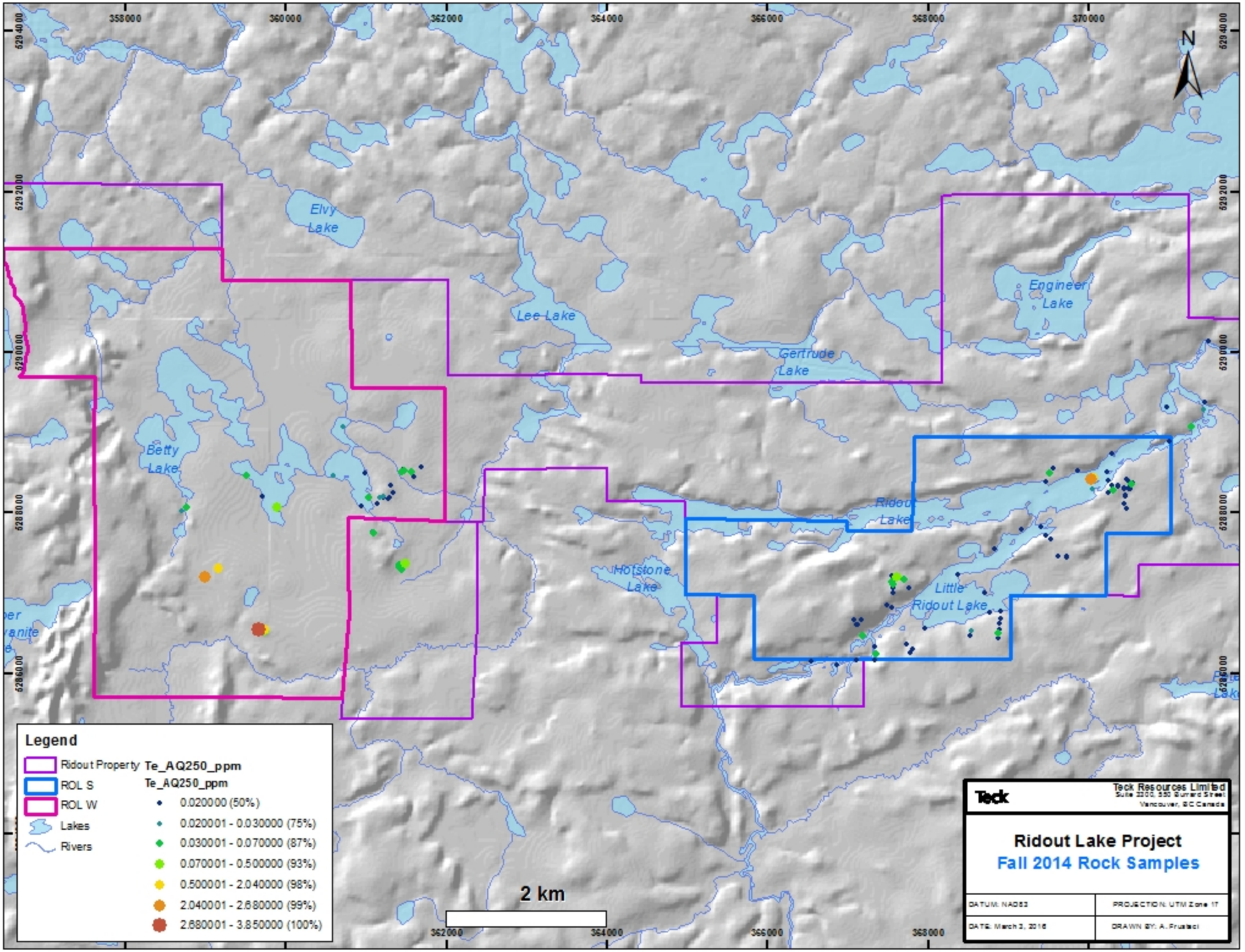
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6294000
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N
Elvy Lake
Lee Lake
Engineer Lake
Gertrude Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
2 km
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Te_AQ250_ppm
Te_AQ250_ppm
0.020000 (50%)
0.020001 - 0.030000 (75%)
0.030001 - 0.070000 (87%)
0.070001 - 0.500000 (93%)
0.500001 - 2.040000 (98%)
2.040001 - 2.680000 (99%)
2.680001 - 3.850000 (100%)
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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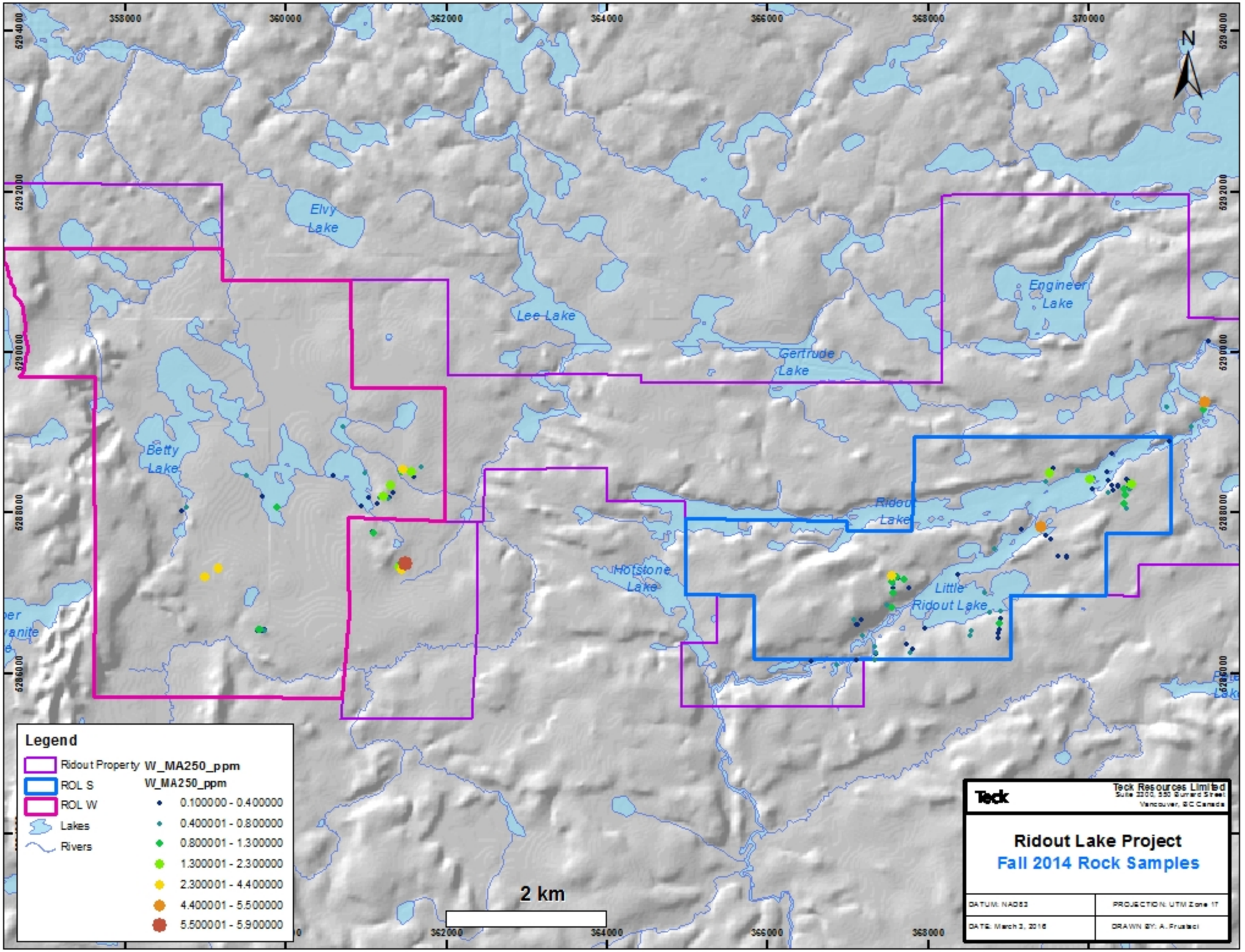
N
Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
W_MA250_ppm
W_MA250_ppm
0.100000 - 0.400000
0.400001 - 0.800000
0.800001 - 1.300000
1.300001 - 2.300000
2.300001 - 4.400000
4.400001 - 5.500000
5.500001 - 5.900000
2 km
Teck
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Ridout Lake Project
Fall 2014 Rock Samples
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PROJECTION: UTM Zone 17
DATE: March 3, 2016
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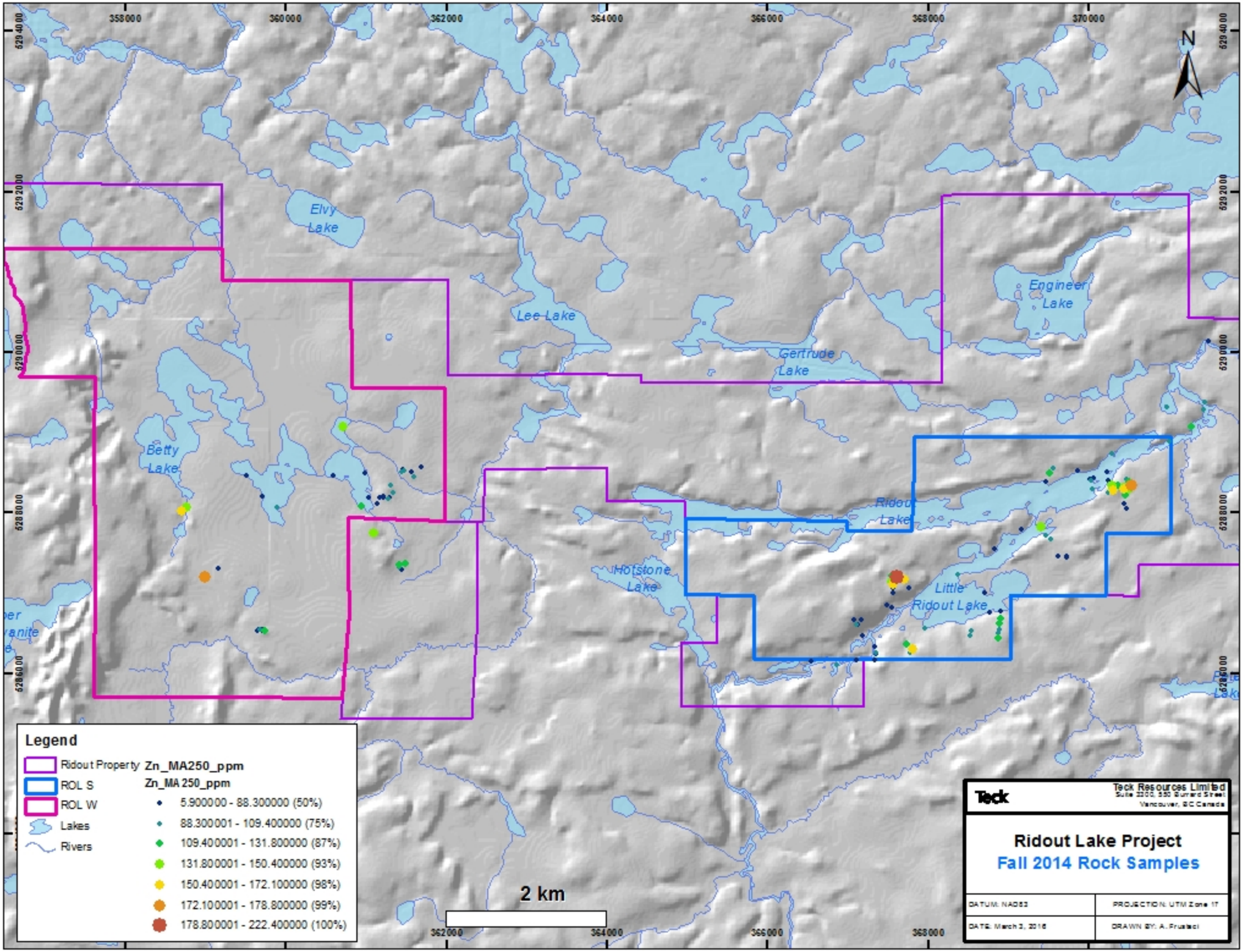
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Elvy Lake
Lee Lake
Gertrude Lake
Engineer Lake
Betty Lake
Ridout Lake
Hotstone Lake
Little Ridout Lake
Legend
Ridout Property
ROL S
ROL W
Lakes
Rivers
Zn_MA250_ppm
Zn_MA250_ppm
5.900000 - 88.300000 (50%)
88.300001 - 109.400000 (75%)
109.400001 - 131.800000 (87%)
131.800001 - 150.400000 (93%)
150.400001 - 172.100000 (98%)
172.100001 - 178.800000 (99%)
178.800001 - 222.400000 (100%)
2 km
Teck
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Ridout Lake Project
Fall 2014 Rock Samples
DATUM: NAD83
PROJECTION: UTM Zone 17
DATE: March 3, 2016
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SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	DNO_D	LabCode_D	RetDate_D	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm
2679801	371278	5289085	WGS84	397	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.095	67500	12.2	0.005	20	1
2679802	371012	5288900	WGS84	394	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.055	69000	13.1	0.005	20	1
2679851	367967	5286567	WGS84	399	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.033	80200	25.2	0.005		1
2679852	367811	5286300	WGS84	416	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.061	82800	6.2	0.005		1
2679853	367777	5286261	WGS84	415	17	25-Sep-14	Outcrop Composite	ROL_2014_019	AcmeLabs	29-Oct-14	0.059	77000	18	0.005		1
2679854	367730	5286372	WGS84	408	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.031	80100	10.9	0.005		1
2679855	368904	5286779	WGS84	399	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.026	73800	1.5	0.005		1
2679856	368900	5286685	WGS84	411	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.031	82400	0.9	0.005		1
2679857	368887	5286629	WGS84	415	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.056	84000	15.6	0.005		1
2679858	368885	5286556	WGS84	419	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.042	84000	14.8	0.005		1
2679859	368875	5286499	WGS84	420	17	25-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.05	83100	11.9	0.005		1
2679860	368874	5286444	WGS84	420	17	25-Sep-14	Outcrop Composite	ROL_2014_019	AcmeLabs	29-Oct-14	0.073	74700	1.5	0.005		1
2679861	366550	5286152	WGS84	394	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.06	72000	1.4	0.005		2
2679862	366868	5286106	WGS84	396	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.05	79100	12	0.005		1
2679863	367103	5286172	WGS84	397	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.032	81400	4.8	0.005		1
2679865	367183	5286467	WGS84	394	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.185	68000	16.6	0.005		1
2679866	367171	5286673	WGS84	423	17	26-Sep-14	Outcrop Composite	ROL_2014_019	AcmeLabs	29-Oct-14	0.023	67000	0.9	0.005		1
2679867	367082	5286665	WGS84	431	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.034	74300	1.6	0.005		1
2679868	367115	5286605	WGS84	420	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.078	69800	2	0.007		1
2679869	367120	5286607	WGS84	418	17	26-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.02	3200	0.8	0.005		1
2679870	370474	5288054	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.082	76600	6.4	0.005		1
2679871	370441	5288116	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.059	76400	1.7	0.005		1
2679872	370460	5288221	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.048	81700	0.4	0.005		1
2679873	370458	5288215	WGS84	409	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.028	74000	0.3	0.005		1
2679875	370465	5288231	WGS84	409	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.046	69500	0.1	0.005		1
2679876	370508	5288319	WGS84	411	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.047	71900	0.2	0.005		2
2679877	370508	5288308	WGS84	411	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.061	89500	0.7	0.005		1
2679878	370518	5288304	WGS84	411	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.049	73600	0.5	0.005		1
2679879	370541	5288354	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.055	79700	0.8	0.005		1
2679881	370543	5288366	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.05	70000	0.2	0.005		1
2679882	370551	5288381	WGS84	410	17	27-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.044	78100	0.4	0.005		1
2679884	367556	5286824	WGS84	398	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.034	76600	0.9	0.005		1
2679885	367563	5287001	WGS84	419	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.071	65300	0.9	0.005		1
2679886	367564	5287068	WGS84	420	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.054	71500	3.6	0.005		1
2679887	367564	5287117	WGS84	420	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.071	69100	0.2	0.005		1
2679888	367558	5287148	WGS84	419	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.086	78100	13.3	0.005		1
2679889	367550	5287216	WGS84	419	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.119	55500	0.9	0.005		1
2679890	367611	5287202	WGS84	419	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.152	71500	0.2	0.013		1
2679891	367633	5287188	WGS84	419	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.044	74100	0.1	0.005		1
2679892	367697	5287171	WGS84	420	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.133	81000	2.2	0.005		1
2679894	367762	5287066	WGS84	414	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.059	66400	0.9	0.005		1
2679896	368373	5287240	WGS84	397	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.591	81100	8.1	0.005		1
2679897	368706	5287005	WGS84	399	17	28-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.06	71800	4.4	0.005		1
2679898	369474	5287723	WGS84	400	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.06	78500	0.2	0.005		1
2679899	369529	5287674	WGS84	409	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.057	76100	0.4	0.005		1

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	DNO_D	LabCode_D	RetDate_D	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm
2679900	369728	5287459	WGS84	409	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.03	22500	1.4	0.005		1
2679903	369731	5287454	WGS84	409	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.101	71700	4.2	0.005		1
2679904	369615	5287467	WGS84	409	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.085	69300	5.5	0.005		1
2679905	369413	5287831	WGS84	397	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.059	67000	1.5	0.005		1
2679906	369169	5287796	WGS84	396	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.13	63700	0.1	0.005		1
2679907	368835	5287560	WGS84	397	17	30-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.041	59000	0.1	0.005		1
2679908	369472	5288390	WGS84	399	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.048	74700	0.6	0.005		1
2679909	368533	5286540	WGS84	409	17	21-Sep-14	Outcrop Composite	ROL_2014_019	AcmeLabs	29-Oct-14	0.087	78400	16.2	0.005		1
2679910	369510	5288502	WGS84	401	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.201	56600	70.6	0.011		1
2679911	369564	5288554	WGS84	401	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.045	61100	1.2	0.005		1
2679912	369862	5288522	WGS84	398	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.103	75200	155.9	0.005		1
2679914	370287	5288740	WGS84	397	17	1-Oct-14	Outcrop Composite	ROL_2014_019	AcmeLabs	29-Oct-14	0.046	81700	1.7	0.006		1
2679915	370224	5288519	WGS84	396	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.041	73600	0.1	0.014		1
2679916	370063	5288431	WGS84	395	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.826	6300	4	0.449		1
2679918	370026	5288418	WGS84	394	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	3.37	13200	11.2	3.514		1
2679919	370025	5288420	WGS84	394	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	2.411	63100	23.6	1.465		1
2679920	370036	5288404	WGS84	394	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.064	88400	0.7	0.005		1
2679922	370048	5288305	WGS84	399	17	1-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.048	70800	0.1	0.005		1
2679924	370245	5288263	WGS84	412	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.046	60600	0.5	0.005		1
2679925	370299	5288289	WGS84	415	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.111	62400	0.6	0.005		1
2679926	370286	5288352	WGS84	412	17	2-Oct-14	Subcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.046	69500	0.6	0.005		1
2679927	370243	5288401	WGS84	401	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.058	58600	1.5	0.005		1
2679928	370364	5288350	WGS84	415	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.056	78700	0.1	0.005		1
2679929	370365	5288335	WGS84	416	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.063	69100	19.3	0.005		1
2679930	370507	5288399	WGS84	411	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.265	26100	12.5	0.022		1
2679931	370497	5288400	WGS84	412	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.11	65500	31.6	0.005		1
2679932	370482	5288426	WGS84	412	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.044	74300	1	0.011		1
2679934	370439	5288308	WGS84	413	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.109	70700	0.1	0.005		1
2679935	370437	5288308	WGS84	413	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.083	75400	0.6	0.005		1
2679936	370439	5288314	WGS84	413	17	2-Oct-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.254	67900	1	0.005		1
2679937	368530	5286471	WGS84	409	17	21-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.081	82600	2.9	0.005		1
2679938	367345	5286174	WGS84	412	17	24-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.068	76900	12.6	0.007		1
2679939	367350	5286242	WGS84	401	17	24-Sep-14	Subcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.082	68900	0.4	0.005		1
2679940	367357	5286260	WGS84	400	17	24-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.039	77000	15.6	0.005		1
2679941	367335	5286343	WGS84	397	17	24-Sep-14	Outcrop Grab	ROL_2014_019	AcmeLabs	29-Oct-14	0.056	82100	7.5	0.005		1
2679942	361142	5288114	WGS84	401	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.064	76500	2.9	0.005	20	1
2679944	361173	5288197	WGS84	405	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.067	77500	3.6	0.005	20	1
2679945	361219	5288197	WGS84	407	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.044	23200	0.1	0.005	20	1
2679946	361211	5288207	WGS84	408	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.083	75900	1.6	0.005	20	1
2679947	361283	5288178	WGS84	407	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.061	77400	1.3	0.005	20	1
2679948	361288	5288192	WGS84	407	17	5-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.032	71500	1.3	0.051	20	1
2679949	361341	5288256	WGS84	404	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.051	70800	5.5	0.005	20	1
2679951	361440	5288521	WGS84	399	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.074	82800	9.1	0.005	20	1
2679952	361456	5288545	WGS84	399	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.083	77000	10.8	0.005	20	1
2679953	361473	5288536	WGS84	400	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.078	75100	1.8	0.005	20	1

SAMPLEID	UTM_E_m	UTM_N_m	DATUM	ELEV_m	UTM_ZONE	SA_DATE	SAMPLETYPE	DNO_D	LabCode_D	RetDate_D	Ag_ppm	Al_ppm	As_ppm	Au_gpt	B_ppm	Be_ppm
2679954	361562	5288521	WGS84	400	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.048	80400	3.1	0.01	20	1
2679955	361597	5288456	WGS84	399	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.066	83900	0.1	0.005	20	1
2679956	361692	5288574	WGS84	399	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.063	66800	6.3	0.006	20	1
2679957	361303	5288347	WGS84	404	17	6-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.075	80300	5	0.005	20	1
2679958	360945	5288096	WGS84	399	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.049	77200	3.1	0.005	20	1
2679959	361036	5288202	WGS84	399	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.083	79100	7.1	0.005	20	1
2679960	360992	5288497	WGS84	399	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.078	74300	6.5	0.025	20	1
2679961	360717	5289080	WGS84	398	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.082	73300	5.3	0.005	20	1
2679962	359512	5288469	WGS84	406	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.06	74500	0.1	0.005	20	1
2679963	359709	5288210	WGS84	402	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.06	60900	0.4	0.005	20	1
2679965	359889	5288078	WGS84	402	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.146	74800	0.6	0.005	20	1
2679966	360592	5288463	WGS84	399	17	7-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.073	78400	0.2	0.005	20	1
2679967	361091	5287761	WGS84	411	17	8-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.08	70000	5.7	0.005	20	1
2679968	361086	5287763	WGS84	411	17	8-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.049	74900	2.5	0.005	20	1
2679969	361088	5287758	WGS84	411	17	8-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.083	72700	6.8	0.005	20	1
2679970	361417	5287355	WGS84	404	17	9-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.095	77700	18.5	0.007	20	1
2679971	361410	5287328	WGS84	403	17	9-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.091	69700	39.9	0.005	20	1
2679972	361418	5287319	WGS84	402	17	9-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.098	68400	43.7	0.005	20	1
2679973	361448	5287293	WGS84	401	17	9-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.088	47400	109.4	0.008	20	1
2679975	359738	5286550	WGS84	410	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.251	54200	23.8	0.018	20	1
2679976	359710	5286539	WGS84	412	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.578	63900	25.1	0.019	20	2
2679977	359681	5286548	WGS84	410	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.546	58800	5.6	0.009	20	1
2679978	359667	5286556	WGS84	409	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.35	67400	8.8	0.008	20	1
2679979	359649	5286536	WGS84	410	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.145	80700	13.3	0.005	20	1
2679981	358709	5288033	WGS84	405	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.145	66400	0.9	0.005	20	1
2679982	358768	5288080	WGS84	404	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.055	71300	0.4	0.007	20	1
2679983	358971	5287205	WGS84	409	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.165	9500	0.1	0.005	20	1
2679985	358988	5287208	WGS84	409	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.777	46100	0.4	0.152	20	1
2679986	359161	5287309	WGS84	410	17	10-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.578	52000	0.2	0.136	20	1
2679987	368771	5286762	WGS84	400	17	11-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.071	78300	1.4	0.005	20	1
2679988	367485	5286851	WGS84	407	17	11-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.069	79600	1.5	0.005	20	2
2679989	370364	5288344	WGS84	415	17	11-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.05	48600	22.4	0.005	20	1
2679990	359710	5286547	WGS84	410	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.437	65800	2.8	0.012	20	1
2679991	359744	5286542	WGS84	410	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.179	104100	70.8	0.012	20	1
2679992	359672	5286550	WGS84	409	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.138	82800	3.3	0.005	20	1
2679994	361488	5287351	WGS84	402	17	11-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.039	67900	0.6	0.005	20	1
2679996	361494	5287378	WGS84	403	17	11-Oct-14	Float Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.324	12700	2054.3	0.009	20	1
2679997	370979	5289317	WGS84	398	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.062	82400	10	0.005	20	1
2679998	371491	5290140	WGS84	395	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.24	72600	15.4	0.005	20	1
2679999	371431	5289295	WGS84	395	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.093	77500	20.8	0.005	20	1
2680000	371444	5289383	WGS84	399	17	12-Oct-14	Outcrop Grab	ROL_2014_023	AcmeLabs	4-Nov-14	0.062	84500	12.6	0.005	20	1

SAMPLEID	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Hf_ppm	Hg_ppm	Ho_ppm	In_ppm	K_pct	La_ppm
2679801	0.04	5.34	0.2	8.16	48	210	0.3	172	3.1	2.2	0.8	8.94	14.95	2.4	0.89	0.005	0.7	0.07	0.13	2.8
2679802	0.04	5.52	0.07	6.57	51.6	80	0.1	83.51	1.5	1	0.4	8.6	16.81	1.5	0.76	0.005	0.3	0.06	0.02	2.3
2679851	0.04	6.77	0.11	6.85	44.3	244	0.2	53.63	2.9	2.1	0.7	8.2	18	2.3	0.65	0.005	0.7		0.07	2.6
2679852	0.04	5.11	0.19	8.27	57.7	67	1.2	131.06	4.9	3.9	1.1	9.87	19.67	3.7	0.97	0.009	1.2		0.19	3.2
2679853	0.04	5.47	0.08	9.37	56	176	0.2	93.19	3.3	2.2	0.8	9.04	16.12	2.6	0.45	0.005	0.8		0.39	4
2679854	0.04	4.62	0.05	13.5	57.3	176	0.1	114.82	3.6	2.4	1	9.35	17.65	3.2	1	0.005	0.8		0.25	5.9
2679855	0.09	1.96	0.08	56.15	9.2	53	1.1	16.9	1.7	0.9	1.1	2.41	23.99	2.7	2.89	0.005	0.3		1.18	28.7
2679856	0.04	5.81	0.16	9.57	50.4	285	0.3	24.71	3.4	2.2	0.9	10.89	19.64	2.9	0.72	0.005	0.7		0.13	3.7
2679857	0.04	7.51	0.17	9.11	56.9	129	0.2	129.19	3.7	2.8	1	8.62	18.49	3.3	1.54	0.005	0.9		0.19	3.7
2679858	0.04	7.88	0.12	8.85	47.5	262	0.1	96.86	3.1	2.2	0.9	8.32	18.35	2.6	1.02	0.005	0.7		0.1	3.6
2679859	0.04	8.25	0.15	9.67	48.7	258	0.1	99.12	3.5	2.1	0.9	7.97	18.48	2.9	0.86	0.005	0.8		0.03	3.6
2679860	0.08	6.18	0.17	31.25	48.9	149	1.2	144.1	5.2	3.4	1.2	9.22	20.75	4.5	2.98	0.005	1.1		1.08	14.8
2679861	0.07	2.66	0.29	48.85	11.8	41	0.6	26.11	1.7	1	1.1	2.66	21.73	2.2	2.32	0.005	0.3		1.25	25
2679862	0.04	8.2	0.17	8.82	49.5	108	0.1	118.61	3.6	2.1	0.7	8.57	18.35	2.9	1.07	0.005	0.8		0.06	3.5
2679863	0.04	6.16	0.12	9.68	46.7	260	0.1	108.35	3.4	2.1	0.8	7.63	17.13	2.8	0.34	0.005	0.7		0.02	3.6
2679865	0.13	1.43	0.15	22.18	20.2	85	1.4	57.28	2.1	1.3	0.5	4.26	17.22	1.9	2.61	0.006	0.4		1.04	10.8
2679866	0.05	1.23	0.09	27.91	7.5	14	0.5	9.03	1.4	0.7	0.6	2.13	19.36	1.4	2.21	0.005	0.3		0.33	14.2
2679867	0.08	1.33	0.1	25.12	18.9	49	1.4	33.78	2.5	1.3	0.7	4.32	19.98	2.3	2.73	0.005	0.5		1.03	12.2
2679868	0.11	1.94	0.07	22.8	29.4	53	0.8	99.56	2.9	1.8	0.9	6.48	17.97	3	2.61	0.005	0.7		0.58	11.1
2679869	0.04	0.17	0.02	1.21	1.5	27	0.1	12.51	0.2	0.1	0.1	0.85	1.22	0.1	0.12	0.005	0.1		0.05	0.6
2679870	0.04	2.07	0.04	31.59	25.1	71	1	41.95	2.6	1.7	1	6.3	19.37	2.6	2.43	0.005	0.6		0.84	15.8
2679871	0.06	1.75	0.07	30.08	24.6	86	1.7	25	2.9	1.9	0.9	5.07	19.04	3	3.12	0.005	0.6		1.06	14
2679872	0.09	3.3	0.11	31.38	29.3	34	0.9	39.83	5.2	3.2	1.2	6.98	23.36	4	3.79	0.005	1.1		0.9	13.9
2679873	0.06	0.76	0.05	17.2	10.7	49	1.3	9.08	1.4	0.7	0.5	2.77	21.13	1.1	3.53	0.005	0.3		1.51	8.4
2679875	0.04	2.11	0.11	65.23	7.9	9	1	3.46	7.1	4.3	1.6	3.7	20.51	5.8	7.49	0.005	1.5		1.35	30.2
2679876	0.04	1.41	0.07	37.92	6.3	16	1	10.91	1.5	0.6	0.9	1.91	27.94	2.3	4.3	0.005	0.2		1.22	17.3
2679877	0.16	2.61	0.1	15.68	45.7	165	0.5	58.31	3.6	2.4	0.9	8.72	24.68	2.8	2.43	0.005	0.8		0.42	6.8
2679878	0.05	1.05	0.08	22.02	10.1	19	0.6	25.81	1.6	0.9	0.6	2.98	21.99	1.8	3.61	0.005	0.3		0.47	10.7
2679879	0.08	3.17	0.13	23.4	37.4	30	0.7	25.12	3.7	2.7	1.2	7.81	22.69	3.4	2.83	0.005	0.9		0.59	10.8
2679881	0.07	1.81	0.1	28.25	3.6	13	0.9	2.81	0.8	0.3	0.8	1.26	27.56	2.4	3.85	0.005	0.1		0.94	13.4
2679882	0.04	1.63	0.14	106.45	8	24	1.5	6.38	1.6	0.5	1.5	2.41	25.17	3.3	4.7	0.005	0.2		1.88	55
2679884	0.17	1.46	0.18	27.43	23.1	90	1.9	41.25	2.6	1.4	0.7	4.77	17.84	2.6	2.4	0.005	0.5		1.12	12.6
2679885	0.09	1.01	0.06	23.56	11.5	22	0.7	45.63	1.9	1.3	0.8	3.01	13.85	2	4.43	0.005	0.4		0.41	10.9
2679886	0.09	1.43	0.13	25.19	25.1	130	0.8	32.55	1.7	0.8	0.7	5.95	16.95	2.2	2.89	0.005	0.3		0.7	11.6
2679887	0.06	3.48	0.11	16.08	37.7	2	0.7	74.36	3	1.8	1.2	10.65	21.8	3.9	1.25	0.005	0.5		0.32	6.5
2679888	0.04	3.76	0.1	7.02	51.3	196	1	60.88	2.5	1.9	0.5	8.51	17.36	2.3	0.72	0.005	0.6		0.8	2.8
2679889	0.06	2.51	0.15	18.78	35.3	18	0.6	60.59	6.7	4.6	1.8	9.55	17.46	6.2	2.52	0.005	1.4		0.22	7.2
2679890	0.18	1.32	0.11	24.5	44.8	15	2.3	100.03	7.5	5.2	2.2	13.96	26.25	6.6	1.85	0.005	1.7		1.33	10.1
2679891	0.04	1.3	0.06	24.88	7	12	0.6	4.95	1	0.6	0.8	1.96	20.32	1.5	2.53	0.005	0.2		0.9	13
2679892	0.07	3.58	0.06	15.95	57	161	1.3	138.07	3.7	2.1	1.1	8.51	16.86	3.2	1.03	0.005	0.7		0.22	7.1
2679894	0.04	0.57	0.09	16.95	12	32	0.8	18.37	1.1	0.8	0.4	3.62	15.24	1.3	2.21	0.005	0.3		0.54	7.4
2679896	0.11	0.81	0.18	22.67	28.2	112	1.7	61.92	1.8	1.2	0.5	4.89	22.51	2	2.83	0.005	0.4		1.5	10.6
2679897	0.06	1.98	0.05	23.97	5.6	16	1.1	11.61	0.7	0.3	0.5	1.71	20.66	1.3	2.09	0.005	0.1		0.91	11.9
2679898	0.05	0.95	0.03	25.88	25.8	78	1.5	52.85	2.1	1.4	0.8	5.64	19.73	3	2.98	0.005	0.5		0.9	12
2679899	0.04	1.04	0.08	25.49	25.3	72	1.7	39.26	1.6	1.1	0.7	5.25	17.01	2.6	3.2	0.005	0.4		1.03	11.9

SAMPLEID	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Hf_ppm	Hg_ppm	Ho_ppm	In_ppm	K_pct	La_ppm
2679900	0.06	0.63	0.02	1.94	2.1	13	1.2	5.95	0.2	0.1	0.1	1.05	10.92	0.1	0.13	0.005	0.1		0.7	1
2679903	0.07	0.82	0.11	21.8	10.5	32	1.6	21.6	1.5	0.6	0.5	2.41	18.36	1.7	2.58	0.012	0.3		1.11	10.7
2679904	0.06	2.62	0.1	29.13	13	44	1.3	34.03	1.3	0.6	0.7	2.54	17.99	1.9	2.65	0.008	0.2		0.74	13.5
2679905	0.04	4.31	0.19	22.94	34.1	90	1.4	48.67	6	3.9	1.6	9.23	18.54	6	2.32	0.01	1.4		0.33	9.5
2679906	0.05	2.01	0.12	45.76	6	6	0.9	20.04	3.8	2.2	1.1	2.82	16.98	4	4.95	0.011	0.8		1.23	19.5
2679907	0.11	0.33	0.02	3.73	3.2	8	0.3	4.95	0.3	0.1	0.3	0.86	23.78	0.6	1.91	0.005	0.1		0.2	1.2
2679908	0.04	1.79	0.04	33.04	21.2	92	0.8	38.61	1.9	1.1	0.9	4.14	17.33	2.5	2.22	0.005	0.3		1.06	15.3
2679909	0.04	7.94	0.14	9.23	47.8	240	0.2	78.6	3.1	1.7	0.8	8.02	16.55	2.7	0.54	0.005	0.7		0.16	3.8
2679910	0.04	1.68	0.19	11.92	59.5	980	1	110.3	2.3	1.5	0.6	7.45	12.46	2.2	1.18	0.005	0.5		0.05	4.7
2679911	0.04	5.43	0.04	14.36	49.2	8	0.1	303.42	1.4	0.8	0.7	10.51	16.97	2.3	0.95	0.005	0.2		0.03	6.1
2679912	0.09	1.75	0.17	30.45	22.5	79	0.9	72.05	2.2	1.4	0.8	6.06	17.48	2.3	3.05	0.005	0.4		0.27	14.2
2679914	0.04	3.73	0.06	23.07	43.4	160	0.3	43.3	2.8	1.6	1	7.09	16.29	3.1	1.23	0.005	0.6		0.29	10
2679915	0.04	1.4	0.08	49.13	5.3	3	0.7	2.38	4	2.3	1.5	2.98	17.65	4.9	5.03	0.005	0.8		1.19	23.6
2679916	0.77	1.03	0.03	1.58	3.5	18	0.1	15.77	0.2	0.1	0.1	1.06	1.9	0.2	0.18	0.015	0.1		0.17	0.8
2679918	1.15	1.14	0.1	5.19	3	19	0.5	33.02	0.6	0.3	0.3	1.19	4.52	0.6	1	0.036	0.1		0.65	2.3
2679919	0.96	0.36	0.12	30.15	5.7	13	2.2	37.44	1.9	1.4	0.5	3.2	21.72	2.7	5.22	0.04	0.4		3.25	13.6
2679920	0.04	4.28	0.05	22.37	41	94	0.1	69.58	3.1	1.7	1.1	7.3	17.48	3.7	1.28	0.017	0.7		0.04	9
2679922	0.07	1.59	0.2	62.75	3.7	2	0.8	1.59	4.2	2.6	1.5	3.23	17.22	4.4	5.02	0.005	0.8		1.29	26
2679924	0.04	5.64	0.17	7.79	44.5	48	0.2	72.9	0.8	0.4	0.5	9.06	15.05	1.6	0.54	0.005	0.1		0.17	2.8
2679925	0.21	4.86	0.19	21.3	34.7	16	0.5	31.92	1.7	0.8	1.1	10.51	20.33	2.7	1.67	0.006	0.2		0.54	8.3
2679926	0.04	5.26	0.1	12.94	47.6	52	0.1	73.06	1.3	0.7	0.8	10.44	18.76	2.4	0.31	0.009	0.2		0.02	4.8
2679927	0.04	3.33	0.07	6.47	36.8	47	0.1	153.27	2.9	1.9	0.6	6.5	11.58	2.8	0.64	0.005	0.7		0.02	2.3
2679928	0.04	3.7	0.09	6.02	52.3	229	0.1	94.43	1.1	0.5	0.5	7.68	14.47	1.5	1.3	0.005	0.1		0.09	2.7
2679929	0.04	5.82	0.09	7.54	51.7	87	0.2	77.11	0.9	0.5	0.5	7.46	13.9	1.2	0.75	0.005	0.1		0.29	3
2679930	0.04	3.94	0.08	17.28	18.6	10	0.1	12.19	0.9	0.7	0.4	21.8	7.25	2	1.06	0.005	0.2		0.06	8.7
2679931	0.04	5.15	0.15	10.77	48.3	52	0.3	93.93	1	0.5	0.8	9.89	17.23	2.1	0.74	0.005	0.2		0.23	4.1
2679932	0.04	4.88	0.08	12.04	56.3	27	0.2	104.97	3.8	2.8	1	9.21	17.01	3.7	1.15	0.011	0.9		0.02	4.7
2679934	0.04	1.39	0.13	31.5	4.3	12	0.2	6.4	0.9	0.3	1	1.67	20.55	1.9	3.62	0.005	0.1		0.35	13.4
2679935	0.1	2.08	0.33	28.98	29.9	12	1	54.18	4.6	2.9	1.3	7.77	20.34	4.7	4.23	0.01	1		0.45	12.9
2679936	0.04	5.7	0.33	38.69	61.5	16	0.8	155.96	6.7	3.8	1.5	11.44	20.37	6.1	4.28	0.005	1.5		0.44	17.8
2679937	0.04	9.09	0.08	9.77	56.2	259	0.1	91.63	3.4	2	1	8.39	17.87	2.9	0.93	0.005	0.8		0.05	3.5
2679938	0.04	7.95	0.04	7.89	51.1	171	0.1	122.99	3.3	2.3	0.7	8.8	16.14	2.8	1.03	0.005	0.7		0.08	3
2679939	0.04	3.79	0.15	11.37	58.7	413	0.3	97.29	2.9	1.9	0.8	8.03	14.45	2.7	1.19	0.013	0.5		0.15	4.7
2679940	0.04	7.15	0.07	7.95	58.6	176	0.1	127.58	3.3	2	0.8	9.04	15.19	2.9	0.7	0.005	0.7		0.1	3
2679941	0.04	7.71	0.12	7.6	54	247	0.2	77.79	3.8	2.1	0.8	8.22	16.66	3	0.57	0.011	0.8		0.35	2.8
2679942	0.04	7.88	0.13	6	46.5	265	0.2	58.63	2.6	1.7	0.5	7.71	14.01	2.2	0.51	0.005	0.4	0.06	0.07	2.2
2679944	0.04	7.99	0.08	6.21	47.5	252	0.1	114.29	2.6	1.9	0.6	7.32	14.85	1.9	0.48	0.005	0.5	0.04	0.03	2.3
2679945	0.04	8.99	0.09	2.55	13.2	52	0.1	33.55	1.3	0.7	0.2	2.74	6.65	0.7	0.15	0.005	0.2	0.01	0.02	1.2
2679946	0.04	5.04	0.1	6.46	56.3	270	0.1	115.07	2.5	1.7	0.5	7.92	13.47	2.1	0.45	0.005	0.5	0.06	0.04	2.7
2679947	0.04	7.29	0.13	6.59	49.3	262	0.1	93.36	2.6	2	0.6	7.74	15.57	2	0.46	0.005	0.5	0.06	0.03	2.3
2679948	0.04	0.75	0.11	15.97	3.4	5	2	14.21	0.5	0.2	0.4	1.06	20.49	0.8	2.07	0.005	0.1	0.01	1.19	7.1
2679949	0.04	3.26	0.15	39.75	26.7	110	0.5	37.54	2.8	1.6	1	5.28	18.18	3.2	1.27	0.005	0.5	0.05	0.57	17.4
2679951	0.1	0.61	0.2	44.9	25.9	90	2.5	43.54	1.8	1.3	0.7	4.09	22.02	2.1	2.85	0.008	0.4	0.04	1.84	13.2
2679952	0.08	1.47	0.22	82.58	16.2	52	2.3	28.68	2.4	1.2	1.4	2.86	19.04	3.8	3.14	0.01	0.4	0.03	1.31	35
2679953	0.04	5.75	0.11	21.12	51.8	152	2	147.27	4	2.8	0.9	8.54	16.37	3.5	2.14	0.005	0.8	0.08	0.91	8.8

SAMPLEID	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Hf_ppm	Hg_ppm	Ho_ppm	In_ppm	K_pct	La_ppm
2679954	0.04	6.44	0.08	6.02	46.1	215	0.3	74.33	2.6	1.8	0.7	7.54	15.26	2	0.67	0.005	0.6	0.05	0.07	2.1
2679955	0.04	7.82	0.13	5.73	59.6	219	0.1	129.31	3	2	0.6	7.95	16.1	2.3	0.58	0.005	0.6	0.07	0.02	2.1
2679956	0.04	6.92	0.11	9.93	58.1	530	0.2	73.05	3.4	2.3	0.8	7.73	13.02	3.1	0.57	0.005	0.8	0.07	0.06	3.3
2679957	0.04	3.59	0.18	66.98	27.5	94	0.9	47.96	2.6	1.3	1.3	5.3	18.94	3.8	2.15	0.005	0.5	0.05	1.56	29.6
2679958	0.04	5.66	0.12	10.04	52.6	98	0.2	118.29	4.2	2.7	1	8.06	16.89	4	0.7	0.005	0.9	0.06	0.21	3.4
2679959	0.04	7.72	0.15	6.4	54.7	289	0.1	100.47	2.9	1.9	0.6	8.19	14.03	2.4	0.54	0.005	0.6	0.06	0.03	2.4
2679960	0.04	4.17	0.08	58.19	27.6	102	0.5	56.22	2.7	1.6	1.3	5.26	16.68	4.1	1.51	0.005	0.5	0.04	0.92	24.8
2679961	0.04	8.25	0.07	5.89	51.7	215	0.2	117.29	2.5	1.4	0.7	7.59	14.86	2	0.65	0.005	0.5	0.06	0.04	2.3
2679962	0.04	5.12	0.11	7.54	50.5	173	0.2	10.23	2.4	1.6	0.5	6.7	13.99	2.1	0.54	0.005	0.5	0.07	0.11	3
2679963	0.04	4.53	0.06	4.41	31.1	277	0.1	25.07	1.5	0.8	0.3	4.39	9.87	1.2	0.26	0.005	0.3	0.03	0.07	1.6
2679965	0.04	2.74	0.04	4.45	48.8	17	0.2	87.33	3.4	2.2	0.6	8.19	15.33	2	0.34	0.005	0.7	0.05	0.04	1.6
2679966	0.04	8.16	0.12	5.8	54.2	262	0.1	111.7	2.7	2	0.5	7.71	13.19	2	0.58	0.005	0.6	0.06	0.05	2.4
2679967	0.09	7.19	0.2	17.84	46.9	33	0.4	147.36	4.6	2.7	1.1	9.23	21.47	3.9	0.99	0.005	1	0.1	0.2	7.2
2679968	0.04	2.89	0.17	48.08	21.6	37	0.4	34.78	2.4	1.3	1.4	4.78	21.11	4.1	2.25	0.005	0.4	0.06	0.17	20.2
2679969	0.04	5.59	0.18	14.22	49.3	57	1.8	135.38	4.5	3.2	1	9.92	18.44	3.5	0.96	0.005	0.9	0.06	0.19	4.9
2679970	0.04	5.62	0.08	13.3	54.4	156	0.2	126.76	4	2.6	0.9	9.58	18.16	3.1	0.63	0.005	0.8	0.08	0.12	4.9
2679971	0.04	2.66	0.14	12.52	60.5	615	0.4	65.52	1.1	0.7	0.5	6.9	14.4	1.3	0.88	0.005	0.2	0.05	0.38	5.2
2679972	0.04	3.24	0.14	11.24	56.5	684	1	13.33	0.6	0.4	0.4	7.07	14.39	1.1	1.27	0.005	0.1	0.02	1.13	5.1
2679973	0.14	2.52	0.08	14.99	40.7	703	0.6	58.07	0.7	0.4	0.4	4.9	9.95	1	1.02	0.005	0.1	0.04	0.94	7
2679975	0.17	2.38	0.11	18.11	366.2	26	0.1	448.04	1.6	1.2	0.6	5.2	11.66	1.5	2.14	0.01	0.3	0.05	0.35	7.2
2679976	0.07	4.26	0.23	40.47	117	16	0.1	1945.7	5.6	2.7	1.4	4.68	19.27	5	4.77	0.005	1	0.15	0.14	15.9
2679977	0.12	2.7	0.52	26.89	164.2	37	0.1	1004	2.9	1.5	0.9	5.05	15.58	3.5	2.99	0.005	0.5	0.05	0.05	9.6
2679978	0.18	7.02	0.13	14.77	359.1	17	0.1	1046.63	3.6	2	0.6	6.31	12.34	3.3	2.08	0.009	0.7	0.07	0.09	6.7
2679979	0.04	6.08	0.09	7.56	72.4	256	1.3	134.95	3.1	1.9	0.7	9.72	15.49	2.7	0.76	0.005	0.7	0.07	0.41	3.3
2679981	0.04	4.85	0.1	13.46	46	36	0.3	124.48	4.3	2.7	1	9.89	15.56	4	0.75	0.005	0.9	0.09	0.24	5
2679982	0.04	4.1	0.09	15.75	51.4	37	4.2	131.84	5.8	3.1	1.2	9.94	17.14	4.3	0.31	0.005	1.1	0.1	0.31	6.8
2679983	0.05	0.75	0.1	1.44	103.5	2665	0.1	5.92	0.3	0.1	0.1	5.26	2.09	0.2	0.02	0.005	0.1	0.01	0.02	1.3
2679985	0.36	1.95	0.14	2.79	60.4	819	1.6	124.49	0.2	0.2	0.2	6.71	9.13	0.5	0.23	0.005	0.1	0.04	1.79	1.1
2679986	0.09	3.18	0.07	2.93	46.5	477	0.9	47.1	0.4	0.1	0.2	5.62	9.14	0.5	0.28	0.005	0.1	0.02	0.79	1.1
2679987	0.04	2.99	0.07	51.69	13.2	30	1	15.36	1.9	0.7	1.1	2.62	22.85	2.8	2.54	0.005	0.3	0.02	1.23	22.9
2679988	0.04	1.3	0.07	35.4	12	27	1.9	20.74	1.3	0.6	0.8	2.71	19.52	2.3	3.21	0.005	0.2	0.02	1.55	15.6
2679989	0.04	6.47	0.2	42.12	26.1	208	0.3	14.45	1.3	0.9	1.3	6	12.23	2.7	2.01	0.005	0.2	0.06	0.43	18.3
2679990	0.04	5.47	0.14	19.76	283.2	27	0.1	1535.07	3.7	2.2	0.7	6.79	15.18	3.9	2.77	0.005	0.7	0.08	0.11	7.7
2679991	0.1	14.56	0.39	28.79	179.3	21	0.1	381.89	3.5	2.3	1	7.01	24.47	3.6	3.01	0.005	0.7	0.05	0.43	13.9
2679992	0.04	4.46	0.04	23.59	55.8	255	0.6	79.33	3.6	2	0.7	4.26	19.5	3.4	0.71	0.005	0.6	0.13	3.11	8.2
2679994	0.04	0.58	0.05	19.58	5.2	13	0.4	5.92	0.5	0.2	0.3	1.14	19.01	1.1	2.71	0.019	0.1	0.02	0.96	8.6
2679996	0.15	2.86	0.19	1.95	111.9	2378	0.8	1.34	0.5	0.3	0.2	6.09	5.02	0.5	0.17	0.008	0.1	0.02	0.59	0.7
2679997	0.04	6.49	0.13	7.3	49.1	250	0.2	85.43	3.5	2.3	0.7	8.13	15.81	3.2	0.87	0.007	0.7	0.07	0.08	2.7
2679998	0.04	2.14	0.15	26.88	16.4	70	2.2	44.11	1.8	1.1	0.6	2.84	16.57	2	2.62	0.012	0.3	0.04	1.51	11.5
2679999	0.04	4.45	0.1	7.35	54.4	208	0.5	133.45	3.2	1.9	0.7	9.79	17.96	2.7	0.74	0.005	0.6	0.07	0.94	2.6
2680000	0.04	6.12	0.1	7.6	53.1	268	0.2	89.63	3	2.2	0.7	8.1	14.67	2.8	0.77	0.005	0.6	0.07	0.07	2.7

SAMPLEID	Li_ppm	Lu_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm	Ni_ppm	P_pct	Pb_ppm	Pr_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sm_ppm	Sn_ppm
2679801	12.9	0.3	3.87	0.1616	0.2	2.489	1.76	5.8	55.8	0.028	1.42	1.3	2.8	0.002	0.09	0.07	50.1	0.3	2	0.8
2679802	13.6	0.1	2.81	0.1556	0.05	2.088	2.54	4.4	79	0.035	0.83	0.8	0.9	0.002	0.05	0.02	33.5	0.1	1.5	0.5
2679851	29.8	0.3	4.49	0.1392	0.26	1.632	1.96	5.3	134.6	0.024	1.42	1	1.5		0.04	0.06	34.6	0.3	1.9	0.4
2679852	10.5	0.5	1.89	0.2197	0.25	2.314	2	7	54.3	0.036	1.5	1.3	7.3		0.18	0.08	44	0.4	2.6	0.6
2679853	24.2	0.3	4.19	0.1722	0.22	1.881	2.18	6.9	128.1	0.029	1.44	1.2	11		0.09	0.07	38.8	0.3	2.2	0.5
2679854	20.7	0.3	3.63	0.1645	0.3	3.122	2.83	8.8	95.2	0.04	0.92	1.9	6.7		0.14	0.02	39.8	0.4	2.5	0.6
2679855	17.3	0.1	0.9	0.0395	1.57	3.859	3.69	26.5	25.5	0.073	6.97	7	35.9		0.04	0.08	7	0.1	4.4	0.7
2679856	28.2	0.3	3.66	0.2609	0.16	1.744	2.46	8.4	153.8	0.029	1.23	1.4	4.4		0.04	0.02	33.4	0.1	2.4	0.6
2679857	15.4	0.4	3.41	0.1662	0.39	1.684	2.34	7.3	100.1	0.029	2	1.3	6.3		0.08	0.1	42.8	0.3	2.8	0.6
2679858	18.3	0.3	4.53	0.151	0.22	1.648	2.41	7.5	155.9	0.026	0.91	1.3	3.3		0.04	0.06	36.7	0.2	2.5	0.6
2679859	25.1	0.3	3.65	0.1489	0.16	1.378	2.5	7.5	146.7	0.028	1.14	1.2	0.8		0.08	0.07	36.9	0.1	2.1	0.6
2679860	11.5	0.5	3.53	0.1599	0.94	2.059	5.6	17.3	77.3	0.055	5.51	3.8	46.6		0.08	0.06	35.4	0.3	4	1.1
2679861	12.8	0.1	1.08	0.0567	0.22	3.743	3.42	24.4	29.9	0.071	19.64	6	28.1		0.04	0.12	7.3	0.1	4.2	0.7
2679862	15.7	0.3	3.31	0.1657	0.1	1.366	2.11	6.8	91.4	0.027	2.9	1.2	1.2		0.08	0.16	40.8	0.1	2.4	0.6
2679863	27.7	0.3	3.5	0.1376	0.08	2.598	2.51	7.5	150.8	0.027	1.23	1.3	0.6		0.18	0.03	35.4	0.4	2.2	0.5
2679865	36.8	0.2	1.34	0.0761	0.41	2.486	3.54	9.9	53.3	0.041	7.89	2.5	31.8		0.21	0.09	13.5	0.2	2.1	0.6
2679866	6.6	0.1	0.49	0.0372	0.17	4.514	2.69	11.6	14.4	0.032	4.16	2.8	9.1		0.04	0.04	4.3	0.1	2.1	0.8
2679867	14.1	0.2	1.28	0.082	0.2	3.193	3.92	11.3	35.7	0.049	2.68	2.6	29		0.07	0.02	13.8	0.1	2.4	0.8
2679868	33.1	0.2	1.93	0.1236	0.24	2.703	2.57	11.9	59.8	0.055	3.03	2.7	13.7		0.24	0.06	21.9	0.2	2.8	0.7
2679869	1.7	0.1	0.08	0.0144	0.28	0.051	0.2	0.6	3.9	0.002	0.82	0.1	2.1		0.04	0.02	1.4	0.1	0.2	0.1
2679870	48.9	0.2	2.2	0.1119	0.42	2.125	4.59	15.1	61.3	0.052	2.27	3.6	22.5		0.05	0.03	16.7	0.2	3.3	0.8
2679871	19.8	0.3	1.76	0.0902	0.33	2.837	5.32	15.7	63	0.059	2.57	3.4	31.1		0.05	0.08	16.3	0.1	3.1	1
2679872	35.9	0.5	2.22	0.1088	0.23	2.361	5.4	17.2	29.3	0.07	6.68	4	20.8		0.05	0.05	25.9	0.1	4.5	1.4
2679873	21.2	0.1	1.3	0.0428	0.11	3.46	3.34	7.7	41.4	0.031	1.94	1.8	45.1		0.04	0.02	7.1	0.1	1.3	0.6
2679875	11.2	0.8	0.86	0.0568	0.38	2.831	9.29	34.6	3.5	0.053	4.05	7.8	41		0.04	0.03	10.3	0.1	7	1.9
2679876	7.1	0.1	0.51	0.0256	0.06	4.933	2.45	20.8	9.3	0.061	12.97	4.8	30.4		0.09	0.02	4.5	0.1	3.9	1.1
2679877	32.9	0.4	3.03	0.1225	0.35	3.638	3.88	10.2	105.2	0.049	4.07	1.8	6.9		0.05	0.03	32.2	0.2	2.5	1.1
2679878	10.6	0.2	0.81	0.0502	0.22	5.478	4.34	10.3	11.8	0.037	2.06	2.3	13		0.05	0.02	5.9	0.1	2.2	0.8
2679879	41.3	0.3	2.81	0.0885	1.19	2.753	1.11	13	38.1	0.055	4.34	2.6	14		0.04	0.02	27.2	0.1	3.4	0.5
2679881	3.3	0.1	0.22	0.0313	0.15	5.146	1.26	15.8	4.7	0.047	7.88	3.4	25.8		0.07	0.02	2.6	0.1	3.2	0.9
2679882	4.3	0.1	0.58	0.0376	0.3	3.915	2.1	42.1	16.9	0.094	5.71	11.3	49.3		0.04	0.02	5.7	0.1	6.5	0.6
2679884	22.6	0.2	1.41	0.0865	0.39	2.45	2.75	12.4	55.7	0.046	3.15	4.1	35.7		0.13	0.05	15.6	0.1	2.7	0.8
2679885	16.2	0.2	0.82	0.0596	0.18	3.754	2.09	11.8	19.3	0.038	3.09	2.9	11.4		0.07	0.03	6.9	0.1	2	0.3
2679886	22.1	0.2	1.96	0.1436	0.45	2.549	1.21	10.8	67.8	0.051	2.93	3	22.8		0.08	0.07	18.2	0.1	3	0.4
2679887	26.5	0.3	1.41	0.1875	3.11	1.907	1.87	12.4	16.6	0.066	1.93	2.4	13.3		0.28	0.03	44.4	0.1	3.6	0.6
2679888	54.3	0.2	2.96	0.2053	0.43	0.978	1.21	4.7	143.9	0.029	2.18	0.9	19.5		0.08	0.05	35.4	0.1	1.5	0.6
2679889	13.2	0.6	1.22	0.1565	2.02	1.922	4.66	14.7	16.8	0.113	2.08	2.8	10.2		0.22	0.05	30	0.3	5.2	1
2679890	28.6	0.6	1.48	0.2005	9.03	1.622	4.44	17.6	28	0.102	5.17	3.3	76.5		0.44	0.08	35.8	0.2	5.9	1.9
2679891	8.4	0.1	0.57	0.0309	0.13	4.195	2.12	11.3	7.5	0.038	4.73	2.9	27.8		0.04	0.02	3.3	0.1	2	0.6
2679892	45.5	0.2	3.76	0.2081	0.57	1.453	2.58	8.5	121.4	0.035	3.21	1.9	8.8		0.14	0.05	36.1	0.2	2.4	1
2679894	23.1	0.1	0.89	0.0675	0.44	3.446	1.37	7.3	26.1	0.036	3.59	1.8	20.1		0.04	0.02	7.5	0.1	1.6	0.5
2679896	46.9	0.2	1.6	0.0777	0.13	1.758	0.88	10.2	80.4	0.045	7.76	2.8	42.5		0.08	0.1	20.4	0.2	2.3	0.6
2679897	14.2	0.1	0.49	0.0273	0.16	3.816	2.74	8.9	8.6	0.033	8.39	2.5	23.5		0.04	0.2	3.8	0.1	1.7	0.5
2679898	39.9	0.2	2.01	0.1129	3.16	2.767	1.37	13	85.3	0.058	2.95	3.1	30.7		0.14	0.02	15.6	0.1	2.8	0.6
2679899	36.8	0.2	1.8	0.1067	0.81	2.515	1.48	11.8	68.6	0.058	2.02	2.9	36		0.1	0.02	15.6	0.1	2.5	0.5

SAMPLEID	Li_ppm	Lu_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm	Ni_ppm	P_pct	Pb_ppm	Pr_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sm_ppm	Sn_ppm
2679900	1.7	0.1	0.19	0.0213	0.26	0.221	0.19	0.8	3.5	0.006	4.2	0.1	21.3		0.05	0.05	2.2	0.1	0.2	0.3
2679903	21.8	0.1	0.66	0.0418	0.4	3.637	2.84	10	19.2	0.031	6.81	2.3	34.4		0.08	0.05	6.9	0.1	2.1	0.5
2679904	23.2	0.1	0.69	0.0578	0.48	3.496	2.33	12.4	24	0.043	6.24	2.9	20.1		0.19	0.14	7.7	0.1	2	0.4
2679905	13.8	0.5	1.78	0.2006	0.59	2.2	5.61	15.6	48.1	0.112	2.02	3.3	13.5		0.04	0.08	30.1	0.2	5.3	0.8
2679906	9.6	0.4	0.47	0.0531	0.97	2.653	5.2	23.3	4.7	0.039	5.11	5.7	30.7		0.09	0.02	7.8	0.1	4.6	1
2679907	1.6	0.1	0.09	0.0187	0.25	5.669	0.75	2.6	2.6	0.016	4.34	0.3	6.1		0.28	0.02	1.1	0.2	0.7	0.4
2679908	13.2	0.1	1.79	0.0636	0.07	2.97	3.55	15.6	80.2	0.051	2.79	3.5	33.3		0.04	0.05	12.5	0.1	2.8	0.6
2679909	17.3	0.2	3.91	0.1682	0.15	1.192	2.38	6.9	144.4	0.026	1.75	1.1	6.6		0.04	0.12	33.5	0.1	2.3	0.5
2679910	87	0.2	10.04	0.1306	0.44	0.174	2.04	7.9	608.5	0.031	7.39	1.4	2.1		0.05	0.27	24.6	0.2	2.3	0.4
2679911	31.2	0.2	2.8	0.1539	0.28	1.212	1.39	10.4	30.9	0.044	0.86	2	0.9		0.04	0.05	40.4	0.4	2.6	0.3
2679912	19.9	0.2	1.95	0.1104	0.75	4.769	3.79	14.3	71.6	0.046	6.14	3.7	6.4		0.25	0.27	11.4	0.1	3.2	0.7
2679914	35	0.2	2.79	0.1397	0.12	2.518	3.64	13.1	143.2	0.062	2.02	2.8	8.8		0.04	0.08	25.9	0.1	3.6	0.5
2679915	9.8	0.4	0.34	0.0603	0.05	3.56	3.93	29.3	7.9	0.07	2.82	6.3	28.9		0.04	0.02	10.6	0.1	4.9	1
2679916	2.2	0.1	0.16	0.0219	0.43	0.035	0.16	0.8	5.5	0.003	8.61	0.1	4.5		0.11	0.02	2	0.7	0.3	0.1
2679918	1	0.1	0.08	0.0178	2.57	0.044	0.43	2.9	4.3	0.005	13.17	0.3	20.6		0.38	0.03	2.4	1.7	0.4	0.4
2679919	8.3	0.2	0.53	0.0157	1.53	0.531	1.4	14.7	9.7	0.03	23.09	4.6	90.2		0.41	0.07	7.6	1.3	3.3	1.2
2679920	31	0.2	4.05	0.118	0.11	2.515	3.99	13.3	57	0.063	2.04	2.9	0.9		0.04	0.09	32.5	0.1	2.7	0.7
2679922	12.7	0.4	0.57	0.0716	0.07	3.015	7.33	29.8	0.7	0.064	2.54	7.8	37.3		0.04	0.02	8.4	0.1	5.2	1.2
2679924	26.1	0.1	3.14	0.1554	0.14	1.298	0.99	5.7	90.2	0.032	0.88	1.1	5.4		0.07	0.06	29	0.3	1.7	0.3
2679925	25.2	0.1	1.56	0.2123	0.62	0.563	1.93	16.2	13.5	0.104	2.11	3	20.7		0.26	0.21	32	0.1	3.9	0.6
2679926	21.7	0.1	2.6	0.1648	0.15	2.394	1.61	10.1	47	0.05	0.87	1.8	1.4		0.05	0.02	34.1	0.4	2.7	0.3
2679927	9.3	0.2	2.48	0.1092	0.08	1.92	1.7	5.2	38	0.024	0.58	0.7	0.5		0.09	0.02	27.4	0.4	1.8	0.5
2679928	34.6	0.1	4.45	0.1373	0.11	1.574	0.8	4.9	98.6	0.022	0.75	0.6	4		0.04	0.03	44.4	0.2	1.3	0.2
2679929	21.9	0.1	2.51	0.0974	0.23	1.522	0.98	5.8	61.5	0.03	1.9	0.8	7.8		0.04	0.02	33.8	0.1	1.7	0.2
2679930	14.2	0.1	2.35	1	10.39	0.127	0.57	10	33	0.016	5.21	2	2.8		1.24	0.6	21	0.1	2	0.1
2679931	22.3	0.1	1.82	0.1588	0.18	1.066	1.02	8.3	50.8	0.046	1.6	1.4	7.2		0.04	0.07	35.3	0.1	2.5	0.2
2679932	9.6	0.4	3.45	0.1607	0.08	1.868	2.23	8.4	46.8	0.04	1.08	1.4	0.8		0.05	0.02	41.1	0.3	2.5	0.4
2679934	5.6	0.1	0.46	0.0297	0.16	5.466	2.32	17.3	5.2	0.047	18.32	4	8.4		0.05	0.04	2.7	0.1	2.9	0.9
2679935	25.8	0.5	2.28	0.1291	0.69	3.212	6.33	18.6	18.3	0.069	24.73	3.6	7.2		0.04	0.05	23.4	0.3	4.2	1
2679936	12.8	0.6	2.73	0.1985	0.66	1.995	7.63	21.1	56.2	0.067	9.95	4.6	12.7		0.13	0.05	39.6	0.4	4.9	1.4
2679937	14.7	0.2	3.74	0.1589	0.2	0.631	2.52	7.6	155.5	0.028	1.44	1.3	1.7		0.04	0.13	37.4	0.1	2.3	0.5
2679938	11.3	0.3	3.39	0.1621	0.11	1.543	1.96	6.2	104.4	0.026	1	0.8	2.1		0.04	0.11	39.9	0.1	2.2	0.4
2679939	14.5	0.2	6.04	0.1163	0.19	3.444	2.06	7.8	150.8	0.03	0.75	1.2	2.8		0.04	0.07	36.8	0.1	2.3	0.6
2679940	17.7	0.3	3.48	0.1846	0.12	1.551	1.98	6.4	107.5	0.026	0.56	0.9	2.6		0.04	0.08	41.1	0.2	1.9	0.5
2679941	19.3	0.3	3.78	0.1698	0.1	1.453	2.07	6.2	138.7	0.028	1.48	0.9	11.3		0.04	0.2	40.3	0.1	1.8	0.4
2679942	11.9	0.2	4.62	0.1466	0.11	1.186	1.36	4.6	115	0.021	0.86	0.8	3.5	0.002	0.04	0.13	45.7	0.1	1.5	0.4
2679944	12.1	0.2	3.57	0.1468	0.15	0.994	1.34	4.2	113.7	0.02	0.89	0.7	1.4	0.002	0.06	0.24	40.7	0.2	1.6	0.4
2679945	8.1	0.1	1.14	0.1028	0.09	0.109	0.31	1.4	28.3	0.006	1.62	0.2	1	0.002	0.04	0.08	10.1	0.1	0.5	0.2
2679946	28.6	0.1	4.48	0.1671	0.05	1.221	1.3	4.9	127.6	0.02	1.3	0.7	1	0.003	0.04	0.06	43.2	0.1	1.7	0.4
2679947	11.4	0.2	3.89	0.1574	0.1	1.093	1.28	4.7	125.9	0.02	0.82	0.8	0.8	0.003	0.04	0.2	45.5	0.2	1.5	0.5
2679948	2.5	0.1	0.24	0.0181	0.05	4.402	1.34	6	4.2	0.021	3.96	1.5	45.3	0.002	0.04	0.07	2.4	0.1	1.1	0.5
2679949	14.2	0.2	2.09	0.1209	0.39	2.55	3.26	18.6	61.6	0.06	8.22	4.9	15.7	0.003	0.04	0.09	23.4	0.1	3.4	0.8
2679951	44.8	0.2	1.24	0.0776	0.21	1.663	1.81	12.7	69.3	0.045	8.18	3.4	57	0.003	0.04	0.16	19	0.1	2.4	0.6
2679952	13.7	0.1	0.92	0.0525	0.19	3.406	4.17	35.3	45.7	0.096	7.67	9.1	50.2	0.002	0.04	0.1	9.1	0.1	5.8	0.7
2679953	16	0.4	3.81	0.1656	0.3	2.429	4.6	11.2	88.2	0.046	3.3	2.6	39.6	0.002	0.06	0.05	42	0.4	2.8	0.9

SAMPLEID	Li_ppm	Lu_ppm	Mg_pct	Mn_pct	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm	Ni_ppm	P_pct	Pb_ppm	Pr_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sm_ppm	Sn_ppm
2679954	18.7	0.2	4.62	0.1406	0.09	1.63	1.29	5	143.9	0.021	1.42	0.7	2.6	0.005	0.04	0.13	38.4	0.1	1.5	0.5
2679955	14.1	0.2	4.06	0.1615	0.08	1.771	1.19	4.9	170.1	0.023	3.15	0.7	0.6	0.002	0.04	0.1	42.9	0.1	1.5	0.4
2679956	27	0.2	5.64	0.1468	0.09	1.43	2.44	7.2	199.6	0.028	0.8	1.3	1.3	0.002	0.06	0.12	37.6	0.1	2.2	0.7
2679957	19.8	0.2	1.69	0.1401	0.35	3.076	5.79	29	67.4	0.074	8.56	8.2	41.8	0.002	0.04	0.11	19.8	0.1	4.9	0.7
2679958	17.3	0.3	3.67	0.1549	0.06	1.61	2.58	8.5	104.5	0.04	1.51	1.4	4.8	0.002	0.04	0.11	44.6	0.1	2.6	0.7
2679959	15.2	0.2	5.06	0.1541	0.1	1.282	1.35	5.4	135.8	0.021	0.85	0.9	0.5	0.002	0.04	0.12	48.2	0.1	1.8	0.5
2679960	18	0.2	1.65	0.1243	0.35	2.611	4.44	25.1	63.2	0.077	8.27	7	24.5	0.002	0.06	0.16	20.3	0.1	4.6	0.8
2679961	13.6	0.2	4.88	0.1447	0.08	1.613	1.23	4.3	117.9	0.021	0.96	0.9	0.9	0.002	0.04	0.14	42	0.1	1.7	0.7
2679962	25.6	0.2	4.78	0.1231	1.01	2.799	1.58	5.4	109.5	0.024	1.45	0.9	2.1	0.003	0.04	0.02	42.3	0.1	1.6	0.4
2679963	26.1	0.1	3.72	0.087	0.24	2.228	0.75	2.9	92.8	0.02	1.38	0.5	1.7	0.002	0.04	0.02	29.2	0.1	1.1	0.3
2679965	25.2	0.3	3.51	0.1306	0.42	2.718	1.37	4.2	37.1	0.032	3.79	0.5	0.8	0.002	0.32	0.02	52.7	0.3	1.5	0.3
2679966	12.5	0.2	4.52	0.1576	0.18	1.572	1.25	4.2	136	0.021	0.74	0.8	1.5	0.003	0.04	0.05	44.7	0.1	1.4	0.4
2679967	17.6	0.4	2.56	0.1555	1.05	1.126	3.3	12	46	0.051	5.38	2.3	8.8	0.004	0.18	0.17	40.9	0.6	3.1	0.8
2679968	9.7	0.2	1.77	0.0812	0.09	4.542	3.24	23.1	47.8	0.098	4.05	5.8	4.4	0.003	0.04	0.08	16.2	0.1	4.2	0.7
2679969	12.4	0.4	2.84	0.172	0.06	1.973	3.31	10	49.4	0.046	3.29	2	14	0.002	0.04	0.09	44.5	0.2	3	0.8
2679970	22.9	0.4	3.33	0.1474	0.17	1.22	2.93	8.9	95.8	0.039	1.68	1.9	4.5	0.003	0.04	0.08	40.5	0.2	3.1	0.7
2679971	29.6	0.1	5.29	0.1111	0.17	2.09	0.75	7.6	302.3	0.027	2.65	1.5	16.2	0.002	0.04	0.02	35	0.1	1.7	0.3
2679972	44.8	0.1	7.72	0.0765	0.82	0.673	0.38	6.2	350.8	0.015	1.74	1.2	61.3	0.002	0.04	0.04	42	0.1	1.3	0.3
2679973	10.5	0.1	5.46	0.0731	0.09	1.816	0.48	7.1	293.8	0.023	2.25	1.9	40.9	0.002	0.09	0.16	18	0.1	1.3	0.2
2679975	0.7	0.1	1.8	0.0239	0.85	4.583	3.72	7.5	835.9	0.164	15.86	2	8.8	0.01	2.63	0.66	5.8	6.4	1.9	0.8
2679976	2.3	0.3	4.35	0.0268	1.42	5.095	9.47	21.8	1234.2	0.2	2.32	4.7	2.6	0.008	1.08	0.03	14	2.7	5.1	1.7
2679977	1.4	0.2	2.44	0.018	0.49	4.996	5.36	13.4	1339.6	0.186	1.68	3.2	0.8	0.006	2.04	0.02	12.1	5.1	2.9	1.1
2679978	1	0.2	4.81	0.0524	0.39	3.375	5.28	9.1	-10000	0.009	2.48	1.9	1.4	0.015	2.14	0.05	14.6	7	2.7	0.6
2679979	14.3	0.3	5	0.1032	0.12	2.171	1.64	6.1	140.7	0.036	1.73	1.1	15.8	0.005	0.04	0.02	43.4	0.2	2	1.3
2679981	10	0.3	2.92	0.1679	1.03	2.255	3.25	9.9	46.9	0.046	2.96	1.8	4.3	0.002	0.25	0.02	39.9	0.4	2.8	0.7
2679982	24.9	0.4	3.15	0.1482	0.2	2.404	3.85	10.8	46.2	0.045	1.08	2.4	15.6	0.002	0.05	0.02	46.1	0.1	3.3	0.8
2679983	13.2	0.1	15.02	0.0516	0.22	0.009	0.04	1.3	1879	0.006	0.51	0.2	0.2	0.002	0.04	0.02	7.5	0.1	0.2	0.1
2679985	13.9	0.1	7.25	0.1284	15.95	0.842	0.11	2.1	478.4	0.005	3.31	0.3	49.9	0.003	1.66	0.02	30.5	0.3	0.6	0.2
2679986	23	0.1	5.68	0.105	1.41	2.071	0.21	2.2	223.9	0.01	2.82	0.3	27.3	0.003	0.98	0.02	24.1	0.3	0.7	0.2
2679987	17	0.1	1.04	0.0489	0.1	3.767	3.31	24.3	30.4	0.067	6.71	6.2	33.2	0.002	0.04	0.07	8.1	0.1	3.8	0.6
2679988	10.9	0.1	0.84	0.0426	0.06	3.973	2.7	14.9	23.3	0.046	5.33	3.8	47	0.002	0.04	0.03	7.7	0.1	2.8	0.7
2679989	9.6	0.2	2.18	0.1301	0.38	1.247	1.62	21.5	86.8	0.07	2.92	5.3	12.4	0.002	0.04	0.05	20.2	0.1	4.4	0.6
2679990	1.9	0.2	3.77	0.036	0.48	4.172	4.25	13.1	4888.6	0.19	2.46	2.6	2.3	0.016	2.48	0.09	13.9	6.3	3.4	0.6
2679991	3.6	0.3	2.67	0.0664	0.86	0.154	6.73	15	1509.9	0.017	6.88	3.4	11.8	0.006	0.16	0.09	16.2	0.6	3.5	1.5
2679992	27.4	0.2	6.05	0.0427	0.33	1.383	3.81	11.3	438.8	0.021	0.96	2.8	53.1	0.006	0.13	0.02	39.3	0.2	2.5	1.8
2679994	3.8	0.1	0.34	0.0169	0.05	5.841	1.17	7.1	7.8	0.026	2.82	2	25.1	0.002	0.04	0.02	2.7	0.1	1.2	0.6
2679996	11.2	0.1	18.52	0.0948	0.05	0.024	0.06	1.2	2133.7	0.001	2.85	0.1	30.7	0.002	0.07	1.38	5.5	0.4	0.4	0.1
2679997	24.1	0.3	4.37	0.1314	0.2	1.285	2.03	6.8	152.6	0.027	1.06	1.1	2.3	0.002	0.07	0.05	41.6	0.3	2	0.5
2679998	21.2	0.1	0.77	0.0634	0.65	2.729	3.16	11.2	43	0.042	7.27	2.8	47.5	0.002	0.12	0.22	11.1	0.1	2.2	0.6
2679999	34.9	0.3	5.14	0.1726	0.08	1.253	1.74	5.3	76.8	0.029	0.61	1	20.3	0.002	0.04	0.02	51.6	0.2	1.8	0.4
2680000	24.2	0.2	3.98	0.1465	0.19	1.754	1.99	5.9	151.1	0.028	1.53	1.1	2.2	0.002	0.04	0.04	39.8	0.1	2.1	0.5

SAMPLEID	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm
2679801	74	0.1	0.4	1.48	0.2	5890	0.02	0.3	0.1	296	0.6	16.5	2.2	113.1	20.7
2679802	73	0.2	0.2	1.4	0.3	6440	0.02	0.1	0.1	286	0.2	6	1.4	106.9	26.9
2679851	149		0.4	0.02	0.2	5760	0.02	0.3	0.1	284	0.4	17.8	1.9	108.6	15.7
2679852	134		0.6	0.02	0.3	7680	0.02	0.6	0.1	377	0.3	31.3	3.2	155.5	12.7
2679853	105		0.4	0.02	0.4	5640	0.02	0.3	0.1	267	0.5	20	2.1	106.4	15.7
2679854	81		0.5	0.02	0.8	6430	0.02	0.3	0.2	291	0.4	19.5	2	113.1	21.1
2679855	354		0.2	0.02	4.1	3290	0.02	0.1	1	72	0.7	8.2	0.8	60.7	91.1
2679856	93		0.4	0.02	0.3	6400	0.02	0.3	0.1	272	0.2	18.9	1.9	118.2	18.2
2679857	228		0.4	0.02	0.3	6680	0.02	0.4	0.1	320	0.9	22.1	2.6	112.5	31.7
2679858	151		0.3	0.02	0.3	6380	0.02	0.3	0.1	281	0.4	18.5	1.9	93.5	30.9
2679859	195		0.3	0.04	0.3	6430	0.02	0.3	0.1	274	0.4	19.4	1.8	89.8	18.2
2679860	180		0.7	0.02	3.2	7640	0.02	0.5	0.9	321	0.3	30.5	2.8	118.6	111.7
2679861	398		0.2	0.02	3.6	3120	0.03	0.1	0.8	77	0.4	8.6	0.8	75.7	76
2679862	174		0.5	0.02	0.3	5770	0.02	0.3	0.1	298	0.5	21	2.3	107.2	24
2679863	116		0.4	0.02	0.3	6260	0.02	0.3	0.1	263	0.4	18.7	1.9	88.3	12.6
2679865	193		0.2	0.04	1.8	3270	0.02	0.2	0.5	105	0.6	10.3	1.3	88	100.7
2679866	210		0.1	0.02	2.4	1260	0.02	0.1	0.8	31	0.2	7.5	0.6	27.8	69.6
2679867	153		0.2	0.02	1.7	3610	0.02	0.2	0.5	100	0.7	12.6	1.2	66.9	97.2
2679868	159		0.4	0.02	1.8	2570	0.02	0.3	0.5	177	0.4	16.1	1.7	103.8	99.6
2679869	7		0.1	0.02	0.1	120	0.02	0.1	0.1	5	0.1	1.4	0.2	5.9	10.3
2679870	144		0.3	0.02	2.6	3900	0.02	0.3	0.6	130	0.7	15.4	1.7	75.7	83.2
2679871	147		0.3	0.02	2.7	4120	0.02	0.3	0.6	131	1	16.1	1.6	69.8	113
2679872	274		0.7	0.02	2	5990	0.02	0.5	0.5	168	0.9	26.2	3.1	131.8	135
2679873	128		0.1	0.02	2.3	2040	0.02	0.1	0.7	54	0.4	7	0.7	60.9	122.6
2679875	236		0.9	0.02	5.1	3390	0.02	0.7	1.3	22	0.6	37.3	4.5	74.1	260.3
2679876	439		0.2	0.02	4.7	1770	0.02	0.1	1.8	52	0.3	6.5	0.6	56.3	134.6
2679877	226		0.3	0.02	1.1	5680	0.02	0.4	0.3	243	0.8	19.1	2.3	150.4	87.4
2679878	125		0.2	0.02	2.4	2540	0.02	0.2	0.8	52	0.5	9.1	0.9	42.2	134.6
2679879	220		0.5	0.02	1.5	1570	0.02	0.4	0.3	239	0.1	20.1	2.5	175.4	99.5
2679881	426		0.1	0.04	2.9	940	0.02	0.1	1.2	30	1.4	3.5	0.3	32.8	119.1
2679882	254		0.2	0.02	9	1490	0.03	0.1	1.7	53	0.4	6.6	0.6	62.5	178.3
2679884	161		0.9	0.02	2.3	2380	0.02	0.2	0.6	120	1	12.5	1.3	68.5	89.4
2679885	188		0.2	0.02	2.8	960	0.02	0.2	0.8	42	1.1	13.1	1.6	49.8	159.8
2679886	133		0.3	0.02	2.3	1010	0.02	0.2	0.6	143	0.3	7.6	1.1	74.6	109.9
2679887	113		0.4	0.04	0.5	6630	0.02	0.2	0.1	346	0.8	12.2	1.7	165.9	49.2
2679888	96		0.2	0.04	0.4	3420	0.02	0.3	0.1	284	1.3	14.8	1.6	149.2	29.3
2679889	75		1.1	0.02	0.6	9720	0.02	0.7	0.1	104	3.8	39.3	4.3	124.4	94
2679890	78		1.2	0.09	0.9	9070	0.05	0.8	0.2	145	1.3	39.5	4.7	222.4	73.2
2679891	168		0.1	0.02	2.7	1820	0.02	0.1	0.8	36	0.3	5.5	0.5	59.2	93.8
2679892	142		0.4	0.06	0.5	5890	0.02	0.3	0.1	295	1.1	19.5	2.1	172.1	33.9
2679894	139		0.1	0.02	2.2	960	0.02	0.1	0.6	53	0.3	6.7	0.7	62.5	80.9
2679896	165		0.1	0.02	2	1260	0.02	0.2	0.6	154	0.1	8.6	1.3	109.4	108.4
2679897	530		0.1	0.02	2.6	1950	0.02	0.1	0.7	35	0.6	2.9	0.2	43.3	75.8
2679898	143		0.2	0.02	1.9	1310	0.02	0.2	0.5	127	0.2	12	1.3	95.2	121.8
2679899	138		0.2	0.02	2.1	1300	0.02	0.2	0.5	117	0.3	9.8	1.3	89	132.5

SAMPLEID	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm
2679900	59		0.1	0.02	0.1	270	0.02	0.1	0.1	40	0.1	0.6	0.1	17.6	4.6
2679903	240		0.1	0.02	2.8	2170	0.02	0.1	0.8	48	0.4	5.7	0.6	72.3	89.9
2679904	296		0.1	0.02	2.5	1640	0.02	0.1	0.7	53	0.1	6.8	0.7	68.3	100.8
2679905	155		0.8	0.02	0.8	9710	0.04	0.6	0.2	128	5.5	33.9	3.7	134	93.3
2679906	177		0.4	0.02	3.5	2000	0.02	0.4	0.9	5	0.4	20.3	2.5	55.2	192.7
2679907	217		0.1	0.02	0.7	310	0.02	0.1	0.7	11	0.8	1.3	0.1	8.8	56.9
2679908	274		0.1	0.02	2	3750	0.02	0.2	0.4	95	0.5	9.2	1	65.2	93.5
2679909	166		0.3	0.03	0.3	5890	0.02	0.3	0.1	252	0.6	16.2	1.8	89.2	12.7
2679910	34		0.1	0.04	1	3500	0.02	0.2	0.3	180	2.1	12.3	1.2	124.2	42.7
2679911	49		0.1	0.02	0.4	3440	0.02	0.1	0.1	368	0.1	7.2	0.9	105.1	38.8
2679912	145		0.1	0.02	2	3270	0.02	0.2	0.5	81	0.6	11.2	1.2	56.9	119.2
2679914	243		0.2	0.02	0.9	4840	0.02	0.2	0.2	175	0.3	13.3	1.2	105.1	44.4
2679915	134		0.4	0.02	2.9	1720	0.02	0.4	0.4	4	0.2	19.3	2.4	76	195.4
2679916	29		0.1	0.51	0.1	210	0.02	0.1	0.1	17	0.5	1.1	0.2	10.9	6.2
2679918	39		0.1	2.68	0.3	340	0.02	0.1	0.1	27	0.8	3.3	0.3	15.4	37.1
2679919	28		1.3	2.04	2.1	1170	0.03	0.2	0.6	57	2.3	11.2	1.4	81.4	182.8
2679920	317		0.4	0.02	0.8	6140	0.02	0.3	0.2	219	0.4	16.5	1.6	101	36.8
2679922	92		0.7	0.03	2.6	2610	0.02	0.3	0.4	4	0.2	22	2.7	95	189.3
2679924	109		0.1	0.02	0.2	2740	0.02	0.1	0.1	221	0.5	3.6	0.6	103.3	21
2679925	64		0.1	0.04	0.6	3800	0.02	0.1	0.1	100	0.2	6.3	0.8	161.2	51.3
2679926	92		0.1	0.02	0.3	4670	0.02	0.1	0.1	355	0.1	5.1	0.7	146.3	10.4
2679927	126		0.2	0.02	0.2	4710	0.02	0.3	0.1	208	0.1	16.1	1.5	71.7	18.4
2679928	49		0.1	0.02	0.2	2210	0.02	0.1	0.1	269	0.1	4.4	0.6	91.3	27.4
2679929	83		0.1	0.02	0.2	2570	0.02	0.1	0.1	229	0.1	3.9	0.7	84.3	27.3
2679930	50		0.1	0.02	0.9	260	0.04	0.1	0.3	64	0.1	6	1	113.5	44.3
2679931	100		0.1	0.02	0.3	2970	0.02	0.1	0.1	297	0.1	4.9	0.6	116.6	30.9
2679932	98		0.4	0.02	0.3	6240	0.02	0.4	0.1	312	0.1	22.3	2.6	90.1	44.6
2679934	222		0.1	0.02	3.3	1720	0.02	0.1	1.4	37	0.2	4.2	0.3	35.9	128.1
2679935	212		0.5	0.02	2.4	7470	0.02	0.5	0.6	161	1.3	24.2	2.9	166	153.5
2679936	153		0.9	0.02	3.8	9700	0.02	0.7	1.1	422	0.3	37.5	4.2	132.3	138.6
2679937	145		0.3	0.02	0.3	6220	0.02	0.3	0.1	273	0.8	18.6	1.8	90.2	19.3
2679938	171		0.3	0.02	0.3	5440	0.02	0.3	0.1	279	0.6	19.1	2.1	86.8	14.3
2679939	63		0.2	0.04	0.5	4500	0.02	0.2	0.1	232	0.2	14.9	1.6	79.4	48.5
2679940	124		0.2	0.02	0.3	5460	0.02	0.3	0.1	284	0.5	19.4	2.1	94.7	12.5
2679941	144		0.3	0.02	0.3	5840	0.02	0.4	0.1	291	0.5	18.7	2.5	87	11.3
2679942	101	0.1	0.3	1.92	0.3	4350	0.02	0.2	0.1	256	0.3	13.9	1.4	84.7	13.3
2679944	115	0.1	0.3	2.16	0.3	4140	0.02	0.2	0.1	250	0.5	14.3	1.6	79.1	12.4
2679945	67	0.1	0.1	1.93	0.1	890	0.02	0.1	0.1	75	0.2	7.2	0.7	32.9	1.3
2679946	98	0.1	0.2	3.01	0.2	4410	0.02	0.2	0.1	249	1.4	13.9	1.6	88.3	9.8
2679947	100	0.1	0.2	1.9	0.2	4440	0.02	0.3	0.1	264	0.5	14.1	1.5	88.9	10
2679948	130	0.1	0.1	0.05	2.1	1280	0.02	0.1	0.8	18	0.3	1.8	0.1	35.7	72.9
2679949	467	0.2	0.4	0.74	2.2	4650	0.02	0.2	0.5	162	0.3	14.3	1.4	100.1	44.3
2679951	232	0.1	0.3	0.05	4	2120	0.03	0.2	1.2	132	0.9	9.1	1.1	102.9	99.1
2679952	452	0.3	0.3	0.21	6.1	2720	0.02	0.1	1.4	79	4	10.5	1	79.8	119.7
2679953	345	0.3	0.5	1.87	1.8	6760	0.03	0.4	0.4	307	0.2	23.3	2.4	93.5	79.9

SAMPLEID	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Ti_ppm	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm
2679954	107	0.1	0.3	1.85	0.2	4650	0.02	0.3	0.1	237	1.4	15	1.6	77	18.2
2679955	128	0.1	0.3	0.9	0.2	4630	0.02	0.2	0.1	247	0.2	15.4	1.7	95.7	16
2679956	92	0.2	0.4	2.91	0.3	4360	0.02	0.3	0.1	221	0.5	18.8	1.9	86.7	18.9
2679957	536	0.3	0.4	0.35	5.9	3900	0.02	0.2	1.5	135	1.9	14.1	1.1	91.7	92.9
2679958	137	0.1	0.5	0.94	0.2	6850	0.02	0.4	0.1	301	0.2	22.2	2.2	119.2	12
2679959	106	0.1	0.3	1.86	0.3	4890	0.02	0.3	0.1	268	0.3	14.8	1.8	87.9	13.7
2679960	585	0.3	0.5	0.25	4.2	4160	0.02	0.2	1	135	0.7	14.5	1.4	76.8	57.3
2679961	138	0.1	0.2	1.9	0.2	4650	0.02	0.2	0.1	264	0.5	12.6	1.4	148.2	22.5
2679962	69	0.1	0.2	2.79	0.3	4060	0.02	0.2	0.1	225	0.5	12.7	1.3	81.6	17.6
2679963	59	0.1	0.1	1.63	0.2	2250	0.02	0.1	0.1	138	0.4	7.3	0.8	52.7	17.7
2679965	70	0.1	0.3	0.65	0.1	5870	0.02	0.3	0.1	337	0.9	15.7	2.1	104.8	7.1
2679966	103	0.1	0.2	1.2	0.2	4300	0.02	0.2	0.1	259	0.2	14.4	1.6	78	13.2
2679967	399	0.2	0.5	1.27	0.8	8070	0.02	0.5	0.2	344	1	25.8	2.5	132.1	22.9
2679968	242	0.2	0.3	0.22	2.8	5610	0.02	0.2	0.6	141	0.4	11.9	1.1	97.4	94.4
2679969	229	0.2	0.6	1.14	0.5	8260	0.02	0.4	0.1	347	0.5	26.1	2.6	127.2	23.5
2679970	150	0.2	0.5	1.95	0.5	7090	0.02	0.3	0.1	341	0.9	21.4	2.3	114.7	25.4
2679971	121	0.1	0.1	1.66	0.8	1710	0.02	0.1	0.2	197	1.2	6	0.8	83.7	33.5
2679972	99	0.1	0.1	4.16	0.3	1000	0.02	0.1	0.3	218	1.8	3	0.5	102.1	35.5
2679973	100	0.1	0.2	1.93	1.1	1190	0.02	0.1	0.3	113	2.7	2.6	0.3	57.9	33
2679975	44	0.3	0.2	0.81	3	2100	0.03	0.2	0.6	88	0.4	10.1	1.1	15.1	78.8
2679976	110	0.6	0.8	3.1	3.9	3860	0.03	0.4	1.8	179	0.3	25.3	2.8	38.1	195
2679977	69	0.3	0.4	0.76	2.8	3220	0.02	0.2	0.9	111	0.4	12.9	1.4	95.3	115.3
2679978	122	0.4	0.4	6.94	1.3	4880	0.06	0.3	0.2	204	1.3	17.3	1.6	45.5	81.3
2679979	164	0.1	0.4	1.37	0.1	5510	0.04	0.3	0.1	294	0.4	16.8	1.8	60.1	22.1
2679981	78	0.2	0.6	1.88	0.5	8130	0.02	0.4	0.1	350	0.3	24.2	2.6	152.4	14.4
2679982	26	0.2	0.8	0.87	0.7	8830	0.13	0.4	0.1	382	0.7	27.2	2.9	148.5	10.7
2679983	9	0.1	0.1	6.25	0.1	60	0.02	0.1	0.1	30	0.4	1	0.1	36.5	0.7
2679985	76	0.1	0.1	8.13	0.1	430	0.02	0.1	0.1	167	3.4	1.3	0.2	178.8	8.4
2679986	108	0.1	0.1	3.95	0.1	720	0.02	0.1	0.1	122	4.4	1.4	0.2	83.4	8.6
2679987	392	0.2	0.2	0.2	4.3	3180	0.02	0.1	1	68	0.5	7.4	0.8	61.4	87.4
2679988	371	0.2	0.2	0.05	3.3	2560	0.02	0.1	0.9	59	0.5	6.5	0.6	80.6	116.6
2679989	108	0.1	0.3	2	2.6	1760	0.02	0.1	0.5	108	0.1	7.4	1.1	120.1	76
2679990	102	0.4	0.5	2.41	3.1	4190	0.06	0.3	0.4	207	0.6	20	1.9	21	103.3
2679991	534	0.5	0.4	2.62	2.6	5050	0.02	0.3	0.8	169	0.5	19.6	2	123.4	100
2679992	58	0.1	0.5	2.28	1.1	5450	0.02	0.2	0.1	288	1	15.7	1.8	17.2	22.2
2679994	98	0.1	0.1	0.05	2.6	1370	0.03	0.1	0.7	40	3.3	2.1	0.2	30.8	96.3
2679996	179	0.1	0.1	10.53	0.1	150	0.02	0.1	0.1	53	5.9	2.2	0.2	125.3	6
2679997	100	0.1	0.3	1.02	0.2	5760	0.02	0.3	0.1	277	0.7	18.8	2.1	97.7	19
2679998	236	0.2	0.3	0.11	2.4	2850	0.02	0.1	0.6	82	0.4	8	0.9	78.6	95.2
2679999	65	0.1	0.4	0.82	0.2	5980	0.02	0.3	0.1	321	1.1	16.8	2	103.3	21.9
2680000	100	0.1	0.4	1.57	0.3	5640	0.02	0.4	0.1	280	5.4	17.1	2.1	97.5	16

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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 03, 2014
Report Date: October 29, 2014
Page: 1 of 5

CERTIFICATE OF ANALYSIS TIM14000008.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00013
Shipment ID: ROL_2014_019
P.O. Number
Number of Samples: 91

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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
PRP80-1KG	82	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
PUL85	4	Pulverize to 85% passing 200 mesh			VAN
FA430	91	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
GEO05	91	MA250 + AQ250 for 7 elements	0.25	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
2679851	Rock	4.07	<0.005	0.26	53.63	1.42	108.6	33	134.6	44.3	1392	8.20	27.1	<0.1	<0.1	0.2	149	0.11	0.29	<0.04	284
2679852	Rock	3.11	<0.005	0.25	131.06	1.50	155.5	61	54.3	57.7	2197	9.87	7.4	0.1	<0.1	0.3	134	0.19	0.35	<0.04	377
2679853	Rock	3.26	<0.005	0.22	93.19	1.44	106.4	59	128.1	56.0	1722	9.04	20.2	0.1	<0.1	0.4	105	0.08	0.32	<0.04	267
2679854	Rock	3.91	<0.005	0.30	114.82	0.92	113.1	31	95.2	57.3	1645	9.35	8.6	0.2	<0.1	0.8	81	0.05	0.12	<0.04	291
2679855	Rock	2.61	<0.005	1.57	16.90	6.97	60.7	26	25.5	9.2	395	2.41	2.2	1.0	<0.1	4.1	354	0.08	0.40	0.09	72
2679856	Rock	3.55	<0.005	0.16	24.71	1.23	118.2	31	153.8	50.4	2609	10.89	1.6	<0.1	<0.1	0.3	93	0.16	0.06	<0.04	272
2679857	Rock	3.36	<0.005	0.39	129.19	2.00	112.5	56	100.1	56.9	1662	8.62	17.6	<0.1	<0.1	0.3	228	0.17	1.02	<0.04	320
2679858	Rock	4.73	<0.005	0.22	96.86	0.91	93.5	42	155.9	47.5	1510	8.32	17.8	<0.1	<0.1	0.3	151	0.12	0.34	<0.04	281
2679859	Rock	4.88	<0.005	0.16	99.12	1.14	89.8	50	146.7	48.7	1489	7.97	12.6	<0.1	<0.1	0.3	195	0.15	0.31	<0.04	274
2679860	Rock	4.28	<0.005	0.94	144.10	5.51	118.6	73	77.3	48.9	1599	9.22	2.7	0.9	<0.1	3.2	180	0.17	0.30	0.08	321
2679861	Rock	2.47	<0.005	0.22	26.11	19.64	75.7	60	29.9	11.8	567	2.66	2.1	0.8	<0.1	3.6	398	0.29	0.25	0.07	77
2679862	Rock	3.28	<0.005	0.10	118.61	2.90	107.2	50	91.4	49.5	1657	8.57	14.5	<0.1	<0.1	0.3	174	0.17	0.89	<0.04	298
2679863	Rock	5.00	0.005	0.08	108.35	1.23	88.3	32	150.8	46.7	1376	7.63	5.4	<0.1	<0.1	0.3	116	0.12	0.16	<0.04	263
2679864	Rock Pulp	0.06	0.119	82.51	4041.05	6.53	91.1	763	12.7	12.1	311	3.88	30.4	<0.1	0.2	0.2	123	0.20	1.48	0.18	328
2679865	Rock	4.10	<0.005	0.41	57.28	7.89	88.0	185	53.3	20.2	761	4.26	19.0	0.5	<0.1	1.8	193	0.15	0.19	0.13	105
2679866	Rock	1.53	<0.005	0.17	9.03	4.16	27.8	23	14.4	7.5	372	2.13	3.7	0.8	<0.1	2.4	210	0.09	0.20	0.05	31
2679867	Rock	3.12	<0.005	0.20	33.78	2.68	66.9	34	35.7	18.9	820	4.32	3.2	0.5	<0.1	1.7	153	0.10	0.16	0.08	100
2679868	Rock	2.77	0.007	0.24	99.56	3.03	103.8	78	59.8	29.4	1236	6.48	4.5	0.5	<0.1	1.8	159	0.07	0.16	0.11	177
2679869	Rock	2.25	<0.005	0.28	12.51	0.82	5.9	<20	3.9	1.5	144	0.85	0.6	<0.1	<0.1	<0.1	7	0.02	0.04	<0.04	5
2679870	Rock	3.47	<0.005	0.42	41.95	2.27	75.7	82	61.3	25.1	1119	6.30	9.9	0.6	<0.1	2.6	144	0.04	0.12	<0.04	130
2679871	Rock	3.26	<0.005	0.33	25.00	2.57	69.8	59	63.0	24.6	902	5.07	2.6	0.6	<0.1	2.7	147	0.07	0.49	0.06	131
2679872	Rock	3.05	<0.005	0.23	39.83	6.68	131.8	48	29.3	29.3	1088	6.98	2.0	0.5	<0.1	2.0	274	0.11	0.31	0.09	168
2679873	Rock	2.12	<0.005	0.11	9.08	1.94	60.9	28	41.4	10.7	428	2.77	1.8	0.7	<0.1	2.3	128	0.05	0.06	0.06	54
2679874	Rock	2.79	<0.005	0.06	10.10	1.95	60.7	28	45.2	12.1	447	2.85	0.3	0.7	<0.1	2.4	116	0.09	0.08	<0.04	56
2679875	Rock	3.19	<0.005	0.38	3.46	4.05	74.1	46	3.5	7.9	568	3.70	1.5	1.3	<0.1	5.1	236	0.11	0.16	<0.04	22
2679876	Rock	2.92	<0.005	0.06	10.91	12.97	56.3	47	9.3	6.3	256	1.91	3.1	1.8	<0.1	4.7	439	0.07	0.07	0.04	52
2679877	Rock	2.74	<0.005	0.35	58.31	4.07	150.4	61	105.2	45.7	1225	8.72	1.8	0.3	<0.1	1.1	226	0.10	0.23	0.16	243
2679878	Rock	3.84	<0.005	0.22	25.81	2.06	42.2	49	11.8	10.1	502	2.98	2.5	0.8	<0.1	2.4	125	0.08	0.08	0.05	52
2679879	Rock	3.16	<0.005	1.19	25.12	4.34	175.4	55	38.1	37.4	885	7.81	3.2	0.3	<0.1	1.5	220	0.13	0.14	0.08	239
2679880	Rock Chip	1.41	<0.005	0.21	2.64	21.67	63.1	<20	4.8	5.0	841	2.61	0.6	2.8	<0.1	7.9	802	0.08	0.04	0.11	55

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Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Ca	La	P	Cr	Mg	Ba	Ti	Al	Na	K	W	Be	Nb	Sc	Sn	Y	Zr	Ce	Hf	Li
Unit		%	ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.1	0.001	1	0.02	1	0.001	0.02	0.002	0.02	0.1	1	0.04	0.1	0.1	0.1	0.2	0.02	0.02	0.1
2679851	Rock	6.77	2.6	0.024	244	4.49	23	0.576	8.02	1.632	0.07	0.4	<1	1.96	34.6	0.4	17.8	15.7	6.85	0.65	29.8
2679852	Rock	5.11	3.2	0.036	67	1.89	113	0.768	8.28	2.314	0.19	0.3	<1	2.00	44.0	0.6	31.3	12.7	8.27	0.97	10.5
2679853	Rock	5.47	4.0	0.029	176	4.19	95	0.564	7.70	1.881	0.39	0.5	<1	2.18	38.8	0.5	20.0	15.7	9.37	0.45	24.2
2679854	Rock	4.62	5.9	0.040	176	3.63	73	0.643	8.01	3.122	0.25	0.4	<1	2.83	39.8	0.6	19.5	21.1	13.50	1.00	20.7
2679855	Rock	1.96	28.7	0.073	53	0.90	453	0.329	7.38	3.859	1.18	0.7	<1	3.69	7.0	0.7	8.2	91.1	56.15	2.89	17.3
2679856	Rock	5.81	3.7	0.029	285	3.66	41	0.640	8.24	1.744	0.13	0.2	<1	2.46	33.4	0.6	18.9	18.2	9.57	0.72	28.2
2679857	Rock	7.51	3.7	0.029	129	3.41	105	0.668	8.40	1.684	0.19	0.9	<1	2.34	42.8	0.6	22.1	31.7	9.11	1.54	15.4
2679858	Rock	7.88	3.6	0.026	262	4.53	26	0.638	8.40	1.648	0.10	0.4	<1	2.41	36.7	0.6	18.5	30.9	8.85	1.02	18.3
2679859	Rock	8.25	3.6	0.028	258	3.65	12	0.643	8.31	1.378	0.03	0.4	<1	2.50	36.9	0.6	19.4	18.2	9.67	0.86	25.1
2679860	Rock	6.18	14.8	0.055	149	3.53	329	0.764	7.47	2.059	1.08	0.3	<1	5.60	35.4	1.1	30.5	111.7	31.25	2.98	11.5
2679861	Rock	2.66	25.0	0.071	41	1.08	494	0.312	7.20	3.743	1.25	0.4	2	3.42	7.3	0.7	8.6	76.0	48.85	2.32	12.8
2679862	Rock	8.20	3.5	0.027	108	3.31	16	0.577	7.91	1.366	0.06	0.5	<1	2.11	40.8	0.6	21.0	24.0	8.82	1.07	15.7
2679863	Rock	6.16	3.6	0.027	260	3.50	12	0.626	8.14	2.598	0.02	0.4	<1	2.51	35.4	0.5	18.7	12.6	9.68	0.34	27.7
2679864	Rock Pulp	1.46	4.0	0.065	20	2.25	90	0.317	7.80	2.503	1.50	3.4	<1	0.75	20.7	1.4	10.8	3.2	10.03	0.07	6.8
2679865	Rock	1.43	10.8	0.041	85	1.34	256	0.327	6.80	2.486	1.04	0.6	<1	3.54	13.5	0.6	10.3	100.7	22.18	2.61	36.8
2679866	Rock	1.23	14.2	0.032	14	0.49	115	0.126	6.70	4.514	0.33	0.2	<1	2.69	4.3	0.8	7.5	69.6	27.91	2.21	6.6
2679867	Rock	1.33	12.2	0.049	49	1.28	274	0.361	7.43	3.193	1.03	0.7	<1	3.92	13.8	0.8	12.6	97.2	25.12	2.73	14.1
2679868	Rock	1.94	11.1	0.055	53	1.93	199	0.257	6.98	2.703	0.58	0.4	<1	2.57	21.9	0.7	16.1	99.6	22.80	2.61	33.1
2679869	Rock	0.17	0.6	0.002	27	0.08	19	0.012	0.32	0.051	0.05	<0.1	<1	0.20	1.4	<0.1	1.4	10.3	1.21	0.12	1.7
2679870	Rock	2.07	15.8	0.052	71	2.20	293	0.390	7.66	2.125	0.84	0.7	<1	4.59	16.7	0.8	15.4	83.2	31.59	2.43	48.9
2679871	Rock	1.75	14.0	0.059	86	1.76	457	0.412	7.64	2.837	1.06	1.0	<1	5.32	16.3	1.0	16.1	113.0	30.08	3.12	19.8
2679872	Rock	3.30	13.9	0.070	34	2.22	192	0.599	8.17	2.361	0.90	0.9	<1	5.40	25.9	1.4	26.2	135.0	31.38	3.79	35.9
2679873	Rock	0.76	8.4	0.031	49	1.30	286	0.204	7.40	3.460	1.51	0.4	1	3.34	7.1	0.6	7.0	122.6	17.20	3.53	21.2
2679874	Rock	1.26	12.9	0.033	49	1.35	459	0.199	7.59	2.472	2.29	0.4	<1	3.38	7.6	0.6	6.7	117.0	25.09	3.42	22.5
2679875	Rock	2.11	30.2	0.053	9	0.86	334	0.339	6.95	2.831	1.35	0.6	<1	9.29	10.3	1.9	37.3	260.3	65.23	7.49	11.2
2679876	Rock	1.41	17.3	0.061	16	0.51	895	0.177	7.19	4.933	1.22	0.3	2	2.45	4.5	1.1	6.5	134.6	37.92	4.30	7.1
2679877	Rock	2.61	6.8	0.049	165	3.03	194	0.568	8.95	3.638	0.42	0.8	<1	3.88	32.2	1.1	19.1	87.4	15.68	2.43	32.9
2679878	Rock	1.05	10.7	0.037	19	0.81	277	0.254	7.36	5.478	0.47	0.5	<1	4.34	5.9	0.8	9.1	134.6	22.02	3.61	10.6
2679879	Rock	3.17	10.8	0.055	30	2.81	256	0.157	7.97	2.753	0.59	0.1	<1	1.11	27.2	0.5	20.1	99.5	23.40	2.83	41.3
2679880	Rock Chip	2.45	24.7	0.086	16	0.68	1204	0.278	7.60	2.935	3.18	0.2	3	27.87	5.6	1.6	17.8	16.5	55.86	0.94	34.2

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	AQ250	AQ250	AQ250	AQ250
	Analyte	Rb	S	Tb	Tm	Yb	Sm	Lu	Nd	Pr	Ho	Ga	Gd	Dy	Er	Eu	Cs	As	Au	Sb	Tl
	Unit	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.1	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
2679851	Rock	1.5	<0.04	0.4	0.3	1.9	1.9	0.3	5.3	1.0	0.7	18.00	2.3	2.9	2.1	0.7	0.2	25.2	<0.2	0.06	<0.02
2679852	Rock	7.3	0.18	0.6	0.6	3.2	2.6	0.5	7.0	1.3	1.2	19.67	3.7	4.9	3.9	1.1	1.2	6.2	0.9	0.08	<0.02
2679853	Rock	11.0	0.09	0.4	0.3	2.1	2.2	0.3	6.9	1.2	0.8	16.12	2.6	3.3	2.2	0.8	0.2	18.0	0.5	0.07	<0.02
2679854	Rock	6.7	0.14	0.5	0.3	2.0	2.5	0.3	8.8	1.9	0.8	17.65	3.2	3.6	2.4	1.0	0.1	10.9	0.4	<0.02	<0.02
2679855	Rock	35.9	<0.04	0.2	0.1	0.8	4.4	0.1	26.5	7.0	0.3	23.99	2.7	1.7	0.9	1.1	1.1	1.5	<0.2	0.08	0.02
2679856	Rock	4.4	<0.04	0.4	0.3	1.9	2.4	0.3	8.4	1.4	0.7	19.64	2.9	3.4	2.2	0.9	0.3	0.9	0.5	<0.02	<0.02
2679857	Rock	6.3	0.08	0.4	0.4	2.6	2.8	0.4	7.3	1.3	0.9	18.49	3.3	3.7	2.8	1.0	0.2	15.6	0.7	0.10	<0.02
2679858	Rock	3.3	<0.04	0.3	0.3	1.9	2.5	0.3	7.5	1.3	0.7	18.35	2.6	3.1	2.2	0.9	0.1	14.8	3.1	0.06	<0.02
2679859	Rock	0.8	0.08	0.3	0.3	1.8	2.1	0.3	7.5	1.2	0.8	18.48	2.9	3.5	2.1	0.9	<0.1	11.9	1.0	0.07	<0.02
2679860	Rock	46.6	0.08	0.7	0.5	2.8	4.0	0.5	17.3	3.8	1.1	20.75	4.5	5.2	3.4	1.2	1.2	1.5	0.3	0.06	<0.02
2679861	Rock	28.1	0.04	0.2	0.1	0.8	4.2	0.1	24.4	6.0	0.3	21.73	2.2	1.7	1.0	1.1	0.6	1.4	<0.2	0.12	0.03
2679862	Rock	1.2	0.08	0.5	0.3	2.3	2.4	0.3	6.8	1.2	0.8	18.35	2.9	3.6	2.1	0.7	<0.1	12.0	2.8	0.16	<0.02
2679863	Rock	0.6	0.18	0.4	0.3	1.9	2.2	0.3	7.5	1.3	0.7	17.13	2.8	3.4	2.1	0.8	<0.1	4.8	1.1	0.03	<0.02
2679864	Rock Pulp	23.9	0.89	0.2	0.2	1.0	2.0	0.1	7.3	1.3	0.4	19.69	2.0	2.3	1.1	0.7	0.7	27.3	115.5	0.67	0.05
2679865	Rock	31.8	0.21	0.2	0.2	1.3	2.1	0.2	9.9	2.5	0.4	17.22	1.9	2.1	1.3	0.5	1.4	16.6	0.5	0.09	<0.02
2679866	Rock	9.1	<0.04	0.1	<0.1	0.6	2.1	<0.1	11.6	2.8	0.3	19.36	1.4	1.4	0.7	0.6	0.5	0.9	0.4	0.04	<0.02
2679867	Rock	29.0	0.07	0.2	0.2	1.2	2.4	0.2	11.3	2.6	0.5	19.98	2.3	2.5	1.3	0.7	1.4	1.6	2.4	0.02	<0.02
2679868	Rock	13.7	0.24	0.4	0.3	1.7	2.8	0.2	11.9	2.7	0.7	17.97	3.0	2.9	1.8	0.9	0.8	2.0	5.1	0.06	<0.02
2679869	Rock	2.1	<0.04	<0.1	<0.1	0.2	0.2	<0.1	0.6	<0.1	<0.1	1.22	<0.1	0.2	0.1	<0.1	0.1	0.8	0.3	<0.02	<0.02
2679870	Rock	22.5	0.05	0.3	0.3	1.7	3.3	0.2	15.1	3.6	0.6	19.37	2.6	2.6	1.7	1.0	1.0	6.4	0.5	0.03	<0.02
2679871	Rock	31.1	0.05	0.3	0.3	1.6	3.1	0.3	15.7	3.4	0.6	19.04	3.0	2.9	1.9	0.9	1.7	1.7	1.2	0.08	<0.02
2679872	Rock	20.8	0.05	0.7	0.5	3.1	4.5	0.5	17.2	4.0	1.1	23.36	4.0	5.2	3.2	1.2	0.9	0.4	1.3	0.05	<0.02
2679873	Rock	45.1	<0.04	<0.1	0.1	0.7	1.3	0.1	7.7	1.8	0.3	21.13	1.1	1.4	0.7	0.5	1.3	0.3	0.2	<0.02	<0.02
2679874	Rock	63.6	<0.04	0.1	0.1	0.8	2.1	0.1	11.2	2.7	0.2	22.95	1.5	1.2	0.8	0.6	1.9	0.3	<0.2	<0.02	0.03
2679875	Rock	41.0	<0.04	0.9	0.7	4.5	7.0	0.8	34.6	7.8	1.5	20.51	5.8	7.1	4.3	1.6	1.0	0.1	0.4	0.03	0.02
2679876	Rock	30.4	0.09	0.2	<0.1	0.6	3.9	<0.1	20.8	4.8	0.2	27.94	2.3	1.5	0.6	0.9	1.0	0.2	0.8	0.02	<0.02
2679877	Rock	6.9	0.05	0.3	0.4	2.3	2.5	0.4	10.2	1.8	0.8	24.68	2.8	3.6	2.4	0.9	0.5	0.7	1.0	0.03	<0.02
2679878	Rock	13.0	0.05	0.2	0.2	0.9	2.2	0.2	10.3	2.3	0.3	21.99	1.8	1.6	0.9	0.6	0.6	0.5	0.4	0.02	<0.02
2679879	Rock	14.0	<0.04	0.5	0.4	2.5	3.4	0.3	13.0	2.6	0.9	22.69	3.4	3.7	2.7	1.2	0.7	0.8	1.0	<0.02	<0.02
2679880	Rock Chip	122.4	<0.04	0.4	0.3	2.2	4.4	0.3	23.8	6.1	0.6	22.30	3.1	3.0	1.8	1.2	4.5	0.3	0.6	<0.02	0.34

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		AQ250	AQ250	AQ250
Analyte		Hg	Se	Te
Unit		ppb	ppm	ppm
MDL		5	0.1	0.02
2679851	Rock	<5	0.3	<0.02
2679852	Rock	9	0.4	0.02
2679853	Rock	<5	0.3	<0.02
2679854	Rock	<5	0.4	<0.02
2679855	Rock	<5	<0.1	<0.02
2679856	Rock	<5	<0.1	<0.02
2679857	Rock	<5	0.3	<0.02
2679858	Rock	<5	0.2	<0.02
2679859	Rock	<5	0.1	0.04
2679860	Rock	<5	0.3	<0.02
2679861	Rock	<5	<0.1	<0.02
2679862	Rock	<5	0.1	<0.02
2679863	Rock	<5	0.4	<0.02
2679864	Rock Pulp	24	6.6	0.13
2679865	Rock	6	0.2	0.04
2679866	Rock	<5	<0.1	<0.02
2679867	Rock	<5	<0.1	<0.02
2679868	Rock	<5	0.2	0.02
2679869	Rock	<5	<0.1	<0.02
2679870	Rock	<5	0.2	<0.02
2679871	Rock	<5	0.1	<0.02
2679872	Rock	<5	<0.1	<0.02
2679873	Rock	<5	<0.1	<0.02
2679874	Rock	<5	<0.1	<0.02
2679875	Rock	<5	<0.1	<0.02
2679876	Rock	<5	<0.1	<0.02
2679877	Rock	<5	0.2	<0.02
2679878	Rock	<5	<0.1	<0.02
2679879	Rock	<5	<0.1	<0.02
2679880	Rock Chip	<5	<0.1	<0.02

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Project: EXNA.CA.ON.00013
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CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
2679881	Rock	4.20	<0.005	0.15	2.81	7.88	32.8	50	4.7	3.6	313	1.26	1.7	1.2	<0.1	2.9	426	0.10	0.11	0.07	30
2679882	Rock	3.80	<0.005	0.30	6.38	5.71	62.5	44	16.9	8.0	376	2.41	2.2	1.7	<0.1	9.0	254	0.14	0.15	0.04	53
2679883	Rock	4.04	<0.005	0.27	6.50	5.41	59.4	52	15.3	8.5	418	2.44	2.1	1.7	<0.1	8.8	256	0.12	0.18	0.06	53
2679884	Rock	2.70	<0.005	0.39	41.25	3.15	68.5	34	55.7	23.1	865	4.77	2.7	0.6	<0.1	2.3	161	0.18	0.27	0.17	120
2679885	Rock	2.46	<0.005	0.18	45.63	3.09	49.8	71	19.3	11.5	596	3.01	2.2	0.8	<0.1	2.8	188	0.06	0.08	0.09	42
2679886	Rock	3.17	<0.005	0.45	32.55	2.93	74.6	54	67.8	25.1	1436	5.95	4.6	0.6	<0.1	2.3	133	0.13	0.13	0.09	143
2679887	Rock	2.55	<0.005	3.11	74.36	1.93	165.9	71	16.6	37.7	1875	10.65	3.1	<0.1	<0.1	0.5	113	0.11	0.11	0.06	346
2679888	Rock	2.26	0.005	0.43	60.88	2.18	149.2	86	143.9	51.3	2053	8.51	15.4	0.1	<0.1	0.4	96	0.10	0.14	<0.04	284
2679889	Rock	3.51	<0.005	2.02	60.59	2.08	124.4	119	16.8	35.3	1565	9.55	2.7	0.1	<0.1	0.6	75	0.15	0.12	0.06	104
2679890	Rock	3.21	0.013	9.03	100.03	5.17	222.4	152	28.0	44.8	2005	13.96	3.5	0.2	<0.1	0.9	78	0.11	0.28	0.18	145
2679891	Rock	2.72	<0.005	0.13	4.95	4.73	59.2	44	7.5	7.0	309	1.96	1.3	0.8	<0.1	2.7	168	0.06	0.07	<0.04	36
2679892	Rock	2.79	<0.005	0.57	138.07	3.21	172.1	133	121.4	57.0	2081	8.51	4.0	0.1	<0.1	0.5	142	0.06	0.21	0.07	295
2679893	Rock Pulp	0.07	0.944	14.49	5511.79	4784.23	>10000	71674	31.1	32.2	671	20.49	1541.7	2.9	1.2	1.9	52	158.37	193.35	31.59	54
2679894	Rock	1.76	<0.005	0.44	18.37	3.59	62.5	59	26.1	12.0	675	3.62	1.9	0.6	<0.1	2.2	139	0.09	0.10	<0.04	53
2679895	Rock Chip	1.07	<0.005	0.16	3.47	20.41	58.8	<20	5.4	6.3	801	2.45	0.8	2.9	<0.1	8.8	727	0.02	0.05	0.08	49
2679896	Rock	2.89	<0.005	0.13	61.92	7.76	109.4	591	80.4	28.2	777	4.89	8.7	0.6	<0.1	2.0	165	0.18	0.28	0.11	154
2679897	Rock	2.49	<0.005	0.16	11.61	8.39	43.3	60	8.6	5.6	273	1.71	5.6	0.7	<0.1	2.6	530	0.05	0.81	0.06	35
2679898	Rock	3.05	<0.005	3.16	52.85	2.95	95.2	60	85.3	25.8	1129	5.64	2.0	0.5	<0.1	1.9	143	0.03	0.06	0.05	127
2679899	Rock	3.32	<0.005	0.81	39.26	2.02	89.0	57	68.6	25.3	1067	5.25	2.1	0.5	<0.1	2.1	138	0.08	0.09	<0.04	117
2679900	Rock	3.07	<0.005	0.26	5.95	4.20	17.6	30	3.5	2.1	213	1.05	2.3	<0.1	<0.1	<0.1	59	<0.02	0.14	0.06	40
2679901	Rock Chip	1.11	<0.005	0.16	2.27	20.41	58.7	50	4.8	5.1	793	2.44	1.0	2.6	<0.1	7.7	696	0.03	0.03	0.06	49
2679902	Rock Pulp	0.08	0.447	51.74	>10000	6822.14	>10000	42774	68.3	189.1	981	18.45	120.5	3.2	0.3	4.6	80	239.95	29.40	52.92	39
2679903	Rock	4.82	<0.005	0.40	21.60	6.81	72.3	101	19.2	10.5	418	2.41	5.8	0.8	<0.1	2.8	240	0.11	0.13	0.07	48
2679904	Rock	5.40	<0.005	0.48	34.03	6.24	68.3	85	24.0	13.0	578	2.54	6.2	0.7	<0.1	2.5	296	0.10	0.25	0.06	53
2679905	Rock	2.92	<0.005	0.59	48.67	2.02	134.0	59	48.1	34.1	2006	9.23	3.2	0.2	<0.1	0.8	155	0.19	0.26	<0.04	128
2679906	Rock	3.21	<0.005	0.97	20.04	5.11	55.2	130	4.7	6.0	531	2.82	1.7	0.9	<0.1	3.5	177	0.12	0.07	0.05	5
2679907	Rock	2.86	<0.005	0.25	4.95	4.34	8.8	41	2.6	3.2	187	0.86	1.2	0.7	<0.1	0.7	217	<0.02	0.04	0.11	11
2679908	Rock	3.02	<0.005	0.07	38.61	2.79	65.2	48	80.2	21.2	636	4.14	2.0	0.4	<0.1	2.0	274	0.04	0.14	<0.04	95
2679909	Rock	3.60	<0.005	0.15	78.60	1.75	89.2	87	144.4	47.8	1682	8.02	19.5	<0.1	<0.1	0.3	166	0.14	0.67	<0.04	252
2679910	Rock	3.26	0.011	0.44	110.30	7.39	124.2	201	608.5	59.5	1306	7.45	69.8	0.3	<0.1	1.0	34	0.19	2.90	<0.04	180

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Ca	La	P	Cr	Mg	Ba	Ti	Al	Na	K	W	Be	Nb	Sc	Sn	Y	Zr	Ce	Hf	Li
	Unit	%	ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.1	0.001	1	0.02	1	0.001	0.02	0.002	0.02	0.1	1	0.04	0.1	0.1	0.1	0.2	0.02	0.02	0.1
2679881	Rock	1.81	13.4	0.047	13	0.22	477	0.094	7.00	5.146	0.94	1.4	1	1.26	2.6	0.9	3.5	119.1	28.25	3.85	3.3
2679882	Rock	1.63	55.0	0.094	24	0.58	935	0.149	7.81	3.915	1.88	0.4	1	2.10	5.7	0.6	6.6	178.3	106.45	4.70	4.3
2679883	Rock	1.88	55.9	0.090	22	0.62	861	0.151	7.61	3.866	1.74	0.3	1	2.24	5.9	0.6	7.5	175.0	109.47	4.39	5.5
2679884	Rock	1.46	12.6	0.046	90	1.41	375	0.238	7.66	2.450	1.12	1.0	<1	2.75	15.6	0.8	12.5	89.4	27.43	2.40	22.6
2679885	Rock	1.01	10.9	0.038	22	0.82	150	0.096	6.53	3.754	0.41	1.1	<1	2.09	6.9	0.3	13.1	159.8	23.56	4.43	16.2
2679886	Rock	1.43	11.6	0.051	130	1.96	268	0.101	7.15	2.549	0.70	0.3	<1	1.21	18.2	0.4	7.6	109.9	25.19	2.89	22.1
2679887	Rock	3.48	6.5	0.066	2	1.41	166	0.663	6.91	1.907	0.32	0.8	<1	1.87	44.4	0.6	12.2	49.2	16.08	1.25	26.5
2679888	Rock	3.76	2.8	0.029	196	2.96	158	0.342	7.81	0.978	0.80	1.3	<1	1.21	35.4	0.6	14.8	29.3	7.02	0.72	54.3
2679889	Rock	2.51	7.2	0.113	18	1.22	76	0.972	5.55	1.922	0.22	3.8	<1	4.66	30.0	1.0	39.3	94.0	18.78	2.52	13.2
2679890	Rock	1.32	10.1	0.102	15	1.48	313	0.907	7.15	1.622	1.33	1.3	<1	4.44	35.8	1.9	39.5	73.2	24.50	1.85	28.6
2679891	Rock	1.30	13.0	0.038	12	0.57	287	0.182	7.41	4.195	0.90	0.3	<1	2.12	3.3	0.6	5.5	93.8	24.88	2.53	8.4
2679892	Rock	3.58	7.1	0.035	161	3.76	46	0.589	8.10	1.453	0.22	1.1	1	2.58	36.1	1.0	19.5	33.9	15.95	1.03	45.5
2679893	Rock Pulp	2.07	8.5	0.034	78	1.53	12	0.062	2.41	0.065	0.51	1.1	<1	1.90	3.5	52.9	7.0	25.2	17.02	0.78	15.9
2679894	Rock	0.57	7.4	0.036	32	0.89	168	0.096	6.64	3.446	0.54	0.3	<1	1.37	7.5	0.5	6.7	80.9	16.95	2.21	23.1
2679895	Rock Chip	2.29	25.6	0.078	13	0.66	1036	0.266	7.53	2.733	3.08	0.2	3	25.80	5.7	1.4	15.5	15.7	56.17	0.85	34.8
2679896	Rock	0.81	10.6	0.045	112	1.60	326	0.126	8.11	1.758	1.50	0.1	1	0.88	20.4	0.6	8.6	108.4	22.67	2.83	46.9
2679897	Rock	1.98	11.9	0.033	16	0.49	271	0.195	7.18	3.816	0.91	0.6	<1	2.74	3.8	0.5	2.9	75.8	23.97	2.09	14.2
2679898	Rock	0.95	12.0	0.058	78	2.01	164	0.131	7.85	2.767	0.90	0.2	<1	1.37	15.6	0.6	12.0	121.8	25.88	2.98	39.9
2679899	Rock	1.04	11.9	0.058	72	1.80	197	0.130	7.61	2.515	1.03	0.3	<1	1.48	15.6	0.5	9.8	132.5	25.49	3.20	36.8
2679900	Rock	0.63	1.0	0.006	13	0.19	170	0.027	2.25	0.221	0.70	<0.1	<1	0.19	2.2	0.3	0.6	4.6	1.94	0.13	1.7
2679901	Rock Chip	2.25	24.4	0.077	12	0.66	1065	0.268	7.43	2.647	3.15	0.1	3	23.88	5.7	1.5	15.4	14.1	50.03	0.80	33.2
2679902	Rock Pulp	1.03	14.9	0.022	58	0.87	104	0.104	3.43	0.731	0.92	4.7	<1	5.63	4.3	31.8	11.7	63.1	34.68	1.97	13.5
2679903	Rock	0.82	10.7	0.031	32	0.66	331	0.217	7.17	3.637	1.11	0.4	<1	2.84	6.9	0.5	5.7	89.9	21.80	2.58	21.8
2679904	Rock	2.62	13.5	0.043	44	0.69	280	0.164	6.93	3.496	0.74	0.1	<1	2.33	7.7	0.4	6.8	100.8	29.13	2.65	23.2
2679905	Rock	4.31	9.5	0.112	90	1.78	124	0.971	6.70	2.200	0.33	5.5	<1	5.61	30.1	0.8	33.9	93.3	22.94	2.32	13.8
2679906	Rock	2.01	19.5	0.039	6	0.47	227	0.200	6.37	2.653	1.23	0.4	<1	5.20	7.8	1.0	20.3	192.7	45.76	4.95	9.6
2679907	Rock	0.33	1.2	0.016	8	0.09	283	0.031	5.90	5.669	0.20	0.8	<1	0.75	1.1	0.4	1.3	56.9	3.73	1.91	1.6
2679908	Rock	1.79	15.3	0.051	92	1.79	282	0.375	7.47	2.970	1.06	0.5	<1	3.55	12.5	0.6	9.2	93.5	33.04	2.22	13.2
2679909	Rock	7.94	3.8	0.026	240	3.91	37	0.589	7.84	1.192	0.16	0.6	<1	2.38	33.5	0.5	16.2	12.7	9.23	0.54	17.3
2679910	Rock	1.68	4.7	0.031	980	10.04	27	0.350	5.66	0.174	0.05	2.1	<1	2.04	24.6	0.4	12.3	42.7	11.92	1.18	87.0

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	AQ250	AQ250	AQ250	AQ250
	Analyte	Rb	S	Tb	Tm	Yb	Sm	Lu	Nd	Pr	Ho	Ga	Gd	Dy	Er	Eu	Cs	As	Au	Sb	Tl
	Unit	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.1	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
2679881	Rock	25.8	0.07	<0.1	<0.1	0.3	3.2	<0.1	15.8	3.4	0.1	27.56	2.4	0.8	0.3	0.8	0.9	0.2	1.1	<0.02	<0.02
2679882	Rock	49.3	<0.04	0.2	<0.1	0.6	6.5	<0.1	42.1	11.3	0.2	25.17	3.3	1.6	0.5	1.5	1.5	0.4	0.7	0.02	0.03
2679883	Rock	48.0	0.06	0.2	<0.1	0.7	5.7	<0.1	43.4	12.9	0.3	23.31	3.0	1.6	0.7	1.4	1.4	0.2	0.2	0.03	0.02
2679884	Rock	35.7	0.13	0.9	0.2	1.3	2.7	0.2	12.4	4.1	0.5	17.84	2.6	2.6	1.4	0.7	1.9	0.9	1.2	0.05	<0.02
2679885	Rock	11.4	0.07	0.2	0.2	1.6	2.0	0.2	11.8	2.9	0.4	13.85	2.0	1.9	1.3	0.8	0.7	0.9	1.0	0.03	<0.02
2679886	Rock	22.8	0.08	0.3	0.2	1.1	3.0	0.2	10.8	3.0	0.3	16.95	2.2	1.7	0.8	0.7	0.8	3.6	1.4	0.07	<0.02
2679887	Rock	13.3	0.28	0.4	0.2	1.7	3.6	0.3	12.4	2.4	0.5	21.80	3.9	3.0	1.8	1.2	0.7	0.2	4.3	0.03	<0.02
2679888	Rock	19.5	0.08	0.2	0.3	1.6	1.5	0.2	4.7	0.9	0.6	17.36	2.3	2.5	1.9	0.5	1.0	13.3	0.6	0.05	<0.02
2679889	Rock	10.2	0.22	1.1	0.7	4.3	5.2	0.6	14.7	2.8	1.4	17.46	6.2	6.7	4.6	1.8	0.6	0.9	0.8	0.05	<0.02
2679890	Rock	76.5	0.44	1.2	0.8	4.7	5.9	0.6	17.6	3.3	1.7	26.25	6.6	7.5	5.2	2.2	2.3	0.2	5.4	0.08	0.05
2679891	Rock	27.8	<0.04	<0.1	<0.1	0.5	2.0	<0.1	11.3	2.9	0.2	20.32	1.5	1.0	0.6	0.8	0.6	<0.1	<0.2	<0.02	<0.02
2679892	Rock	8.8	0.14	0.4	0.3	2.1	2.4	0.2	8.5	1.9	0.7	16.86	3.2	3.7	2.1	1.1	1.3	2.2	2.3	0.05	<0.02
2679893	Rock Pulp	21.6	>10	<0.1	0.1	0.8	2.1	0.1	8.9	2.3	0.3	10.99	1.8	1.3	0.8	0.6	1.0	1641.4	397.4	124.56	13.19
2679894	Rock	20.1	0.04	<0.1	0.1	0.7	1.6	<0.1	7.3	1.8	0.3	15.24	1.3	1.1	0.8	0.4	0.8	0.9	<0.2	<0.02	<0.02
2679895	Rock Chip	121.0	<0.04	0.3	0.3	1.8	4.0	0.2	20.1	6.0	0.6	19.60	4.0	2.8	1.7	1.2	4.4	0.2	<0.2	<0.02	0.34
2679896	Rock	42.5	0.08	<0.1	0.2	1.3	2.3	0.2	10.2	2.8	0.4	22.51	2.0	1.8	1.2	0.5	1.7	8.1	0.6	0.10	<0.02
2679897	Rock	23.5	<0.04	<0.1	<0.1	0.2	1.7	<0.1	8.9	2.5	0.1	20.66	1.3	0.7	0.3	0.5	1.1	4.4	<0.2	0.20	<0.02
2679898	Rock	30.7	0.14	0.2	0.2	1.3	2.8	0.2	13.0	3.1	0.5	19.73	3.0	2.1	1.4	0.8	1.5	0.2	0.6	<0.02	<0.02
2679899	Rock	36.0	0.10	0.2	0.2	1.3	2.5	0.2	11.8	2.9	0.4	17.01	2.6	1.6	1.1	0.7	1.7	0.4	0.7	0.02	<0.02
2679900	Rock	21.3	0.05	<0.1	<0.1	<0.1	0.2	<0.1	0.8	<0.1	<0.1	10.92	0.1	0.2	<0.1	<0.1	1.2	1.4	<0.2	0.05	<0.02
2679901	Rock Chip	118.4	<0.04	0.4	0.3	1.8	3.8	0.3	19.0	5.2	0.5	19.38	3.6	2.9	1.6	1.0	4.1	<0.1	<0.2	<0.02	0.31
2679902	Rock Pulp	32.9	>10	0.2	0.2	1.2	3.6	0.2	19.0	4.3	0.4	23.08	2.9	2.4	1.2	0.7	1.3	113.5	263.6	16.76	2.50
2679903	Rock	34.4	0.08	<0.1	<0.1	0.6	2.1	0.1	10.0	2.3	0.3	18.36	1.7	1.5	0.6	0.5	1.6	4.2	<0.2	0.05	<0.02
2679904	Rock	20.1	0.19	<0.1	<0.1	0.7	2.0	<0.1	12.4	2.9	0.2	17.99	1.9	1.3	0.6	0.7	1.3	5.5	0.4	0.14	<0.02
2679905	Rock	13.5	<0.04	0.8	0.6	3.7	5.3	0.5	15.6	3.3	1.4	18.54	6.0	6.0	3.9	1.6	1.4	1.5	0.7	0.08	0.04
2679906	Rock	30.7	0.09	0.4	0.4	2.5	4.6	0.4	23.3	5.7	0.8	16.98	4.0	3.8	2.2	1.1	0.9	<0.1	2.1	<0.02	<0.02
2679907	Rock	6.1	0.28	<0.1	<0.1	<0.1	0.7	<0.1	2.6	0.3	<0.1	23.78	0.6	0.3	<0.1	0.3	0.3	<0.1	1.5	<0.02	<0.02
2679908	Rock	33.3	<0.04	0.1	0.2	1.0	2.8	0.1	15.6	3.5	0.3	17.33	2.5	1.9	1.1	0.9	0.8	0.6	0.4	0.05	<0.02
2679909	Rock	6.6	<0.04	0.3	0.3	1.8	2.3	0.2	6.9	1.1	0.7	16.55	2.7	3.1	1.7	0.8	0.2	16.2	<0.2	0.12	<0.02
2679910	Rock	2.1	0.05	0.1	0.2	1.2	2.3	0.2	7.9	1.4	0.5	12.46	2.2	2.3	1.5	0.6	1.0	70.6	6.5	0.27	<0.02

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		AQ250	AQ250	AQ250
Analyte		Hg	Se	Te
Unit		ppb	ppm	ppm
MDL		5	0.1	0.02
2679881	Rock	<5	<0.1	0.04
2679882	Rock	<5	<0.1	<0.02
2679883	Rock	<5	<0.1	<0.02
2679884	Rock	<5	<0.1	<0.02
2679885	Rock	<5	<0.1	<0.02
2679886	Rock	<5	<0.1	<0.02
2679887	Rock	<5	<0.1	0.04
2679888	Rock	<5	0.1	0.04
2679889	Rock	<5	0.3	<0.02
2679890	Rock	<5	0.2	0.09
2679891	Rock	<5	<0.1	<0.02
2679892	Rock	<5	0.2	0.06
2679893	Rock Pulp	9164	90.9	0.27
2679894	Rock	<5	<0.1	<0.02
2679895	Rock Chip	<5	<0.1	<0.02
2679896	Rock	<5	0.2	<0.02
2679897	Rock	<5	<0.1	<0.02
2679898	Rock	<5	<0.1	<0.02
2679899	Rock	<5	<0.1	<0.02
2679900	Rock	<5	<0.1	<0.02
2679901	Rock Chip	<5	<0.1	<0.02
2679902	Rock Pulp	12763	17.8	2.38
2679903	Rock	12	<0.1	<0.02
2679904	Rock	8	<0.1	<0.02
2679905	Rock	10	0.2	<0.02
2679906	Rock	11	<0.1	<0.02
2679907	Rock	<5	0.2	<0.02
2679908	Rock	<5	<0.1	<0.02
2679909	Rock	<5	<0.1	0.03
2679910	Rock	<5	0.2	0.04

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Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
2679911	Rock	2.36	<0.005	0.28	303.42	0.86	105.1	45	30.9	49.2	1539	10.51	4.5	<0.1	<0.1	0.4	49	0.04	0.52	<0.04	368
2679912	Rock	2.83	<0.005	0.75	72.05	6.14	56.9	103	71.6	22.5	1104	6.06	121.5	0.5	<0.1	2.0	145	0.17	0.71	0.09	81
2679913	Rock	3.57	<0.005	0.77	32.27	4.68	52.2	73	73.2	22.3	951	5.69	87.8	0.5	<0.1	1.8	130	0.06	0.62	0.05	81
2679914	Rock	3.00	0.006	0.12	43.30	2.02	105.1	46	143.2	43.4	1397	7.09	3.9	0.2	<0.1	0.9	243	0.06	0.24	<0.04	175
2679915	Rock	3.26	0.014	<0.05	2.38	2.82	76.0	41	7.9	5.3	603	2.98	0.6	0.4	<0.1	2.9	134	0.08	0.03	<0.04	4
2679916	Rock	3.14	0.449	0.43	15.77	8.61	10.9	826	5.5	3.5	219	1.06	4.3	<0.1	0.4	<0.1	29	0.03	0.03	0.77	17
2679917	Rock Pulp	0.08	0.954	14.31	5378.27	4642.11	>10000	63910	29.1	31.9	647	19.97	1359.0	2.7	1.1	1.9	48	146.49	178.00	30.11	53
2679918	Rock	4.02	3.514	2.57	33.02	13.17	15.4	3370	4.3	3.0	178	1.19	10.2	<0.1	3.4	0.3	39	0.10	0.11	1.15	27
2679919	Rock	2.95	1.465	1.53	37.44	23.09	81.4	2411	9.7	5.7	157	3.20	25.3	0.6	1.6	2.1	28	0.12	0.22	0.96	57
2679920	Rock	2.29	<0.005	0.11	69.58	2.04	101.0	64	57.0	41.0	1180	7.30	4.7	0.2	<0.1	0.8	317	0.05	0.40	<0.04	219
2679921	Rock Chip	2.85	<0.005	0.19	2.97	19.12	53.4	<20	4.5	4.2	753	2.28	1.0	2.9	<0.1	8.4	715	0.07	0.03	0.13	48
2679922	Rock	3.10	<0.005	0.07	1.59	2.54	95.0	48	0.7	3.7	716	3.23	0.2	0.4	<0.1	2.6	92	0.20	0.04	0.07	4
2679923	Rock	3.46	<0.005	0.08	1.39	2.77	81.3	26	0.6	3.5	622	3.00	0.2	0.4	<0.1	2.7	98	0.16	0.04	0.06	4
2679924	Rock	3.33	<0.005	0.14	72.90	0.88	103.3	46	90.2	44.5	1554	9.06	1.7	<0.1	<0.1	0.2	109	0.17	0.28	<0.04	221
2679925	Rock	3.98	<0.005	0.62	31.92	2.11	161.2	111	13.5	34.7	2123	10.51	2.8	0.1	<0.1	0.6	64	0.19	0.70	0.21	100
2679926	Rock	4.13	<0.005	0.15	73.06	0.87	146.3	46	47.0	47.6	1648	10.44	2.4	<0.1	<0.1	0.3	92	0.10	0.10	<0.04	355
2679927	Rock	3.56	<0.005	0.08	153.27	0.58	71.7	58	38.0	36.8	1092	6.50	4.0	<0.1	<0.1	0.2	126	0.07	0.07	<0.04	208
2679928	Rock	2.71	<0.005	0.11	94.43	0.75	91.3	56	98.6	52.3	1373	7.68	2.3	<0.1	<0.1	0.2	49	0.09	0.22	<0.04	269
2679929	Rock	3.29	<0.005	0.23	77.11	1.90	84.3	63	61.5	51.7	974	7.46	24.1	<0.1	<0.1	0.2	83	0.09	0.11	<0.04	229
2679930	Rock	4.08	0.022	10.39	12.19	5.21	113.5	265	33.0	18.6	>10000	21.80	16.3	0.3	<0.1	0.9	50	0.08	0.93	<0.04	64
2679931	Rock	4.97	<0.005	0.18	93.93	1.60	116.6	110	50.8	48.3	1588	9.89	32.5	<0.1	<0.1	0.3	100	0.15	0.18	<0.04	297
2679932	Rock	4.78	0.011	0.08	104.97	1.08	90.1	44	46.8	56.3	1607	9.21	3.6	<0.1	<0.1	0.3	98	0.08	0.10	0.04	312
2679933	Rock Pulp	0.06	0.117	79.62	3860.30	5.87	87.8	715	12.7	13.0	298	3.71	28.2	<0.1	0.1	0.3	117	0.20	1.32	0.14	312
2679934	Rock	3.89	<0.005	0.16	6.40	18.32	35.9	109	5.2	4.3	297	1.67	0.2	1.4	<0.1	3.3	222	0.13	0.08	<0.04	37
2679935	Rock	3.46	0.005	0.69	54.18	24.73	166.0	83	18.3	29.9	1291	7.77	2.3	0.6	<0.1	2.4	212	0.33	0.18	0.10	161
2679936	Rock	7.98	<0.005	0.66	155.96	9.95	132.3	254	56.2	61.5	1985	11.44	3.3	1.1	<0.1	3.8	153	0.33	0.25	<0.04	422
2679937	Rock	3.24	<0.005	0.20	91.63	1.44	90.2	81	155.5	56.2	1589	8.39	5.9	<0.1	<0.1	0.3	145	0.08	0.73	<0.04	273
2679938	Rock	6.75	0.007	0.11	122.99	1.00	86.8	68	104.4	51.1	1621	8.80	16.5	<0.1	<0.1	0.3	171	0.04	0.61	<0.04	279
2679939	Rock	6.34	0.005	0.19	97.29	0.75	79.4	82	150.8	58.7	1163	8.03	3.6	0.1	<0.1	0.5	63	0.15	0.21	<0.04	232
2679940	Rock	6.27	0.005	0.12	127.58	0.56	94.7	39	107.5	58.6	1846	9.04	20.9	<0.1	<0.1	0.3	124	0.07	0.56	<0.04	284

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Ca	La	P	Cr	Mg	Ba	Ti	Al	Na	K	W	Be	Nb	Sc	Sn	Y	Zr	Ce	Hf	Li
	Unit	%	ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.1	0.001	1	0.02	1	0.001	0.02	0.002	0.02	0.1	1	0.04	0.1	0.1	0.1	0.2	0.02	0.02	0.1
2679911	Rock	5.43	6.1	0.044	8	2.80	13	0.344	6.11	1.212	0.03	0.1	<1	1.39	40.4	0.3	7.2	38.8	14.36	0.95	31.2
2679912	Rock	1.75	14.2	0.046	79	1.95	138	0.327	7.52	4.769	0.27	0.6	<1	3.79	11.4	0.7	11.2	119.2	30.45	3.05	19.9
2679913	Rock	1.38	14.8	0.047	85	1.88	86	0.326	7.20	4.778	0.22	0.6	<1	3.39	11.2	0.7	9.9	114.8	31.65	2.93	22.2
2679914	Rock	3.73	10.0	0.062	160	2.79	88	0.484	8.17	2.518	0.29	0.3	<1	3.64	25.9	0.5	13.3	44.4	23.07	1.23	35.0
2679915	Rock	1.40	23.6	0.070	3	0.34	252	0.172	7.36	3.560	1.19	0.2	1	3.93	10.6	1.0	19.3	195.4	49.13	5.03	9.8
2679916	Rock	1.03	0.8	0.003	18	0.16	23	0.021	0.63	0.035	0.17	0.5	<1	0.16	2.0	0.1	1.1	6.2	1.58	0.18	2.2
2679917	Rock Pulp	1.97	8.1	0.032	74	1.46	28	0.062	2.36	0.061	0.50	1.2	<1	1.89	4.4	45.1	6.9	25.3	15.92	0.79	15.7
2679918	Rock	1.14	2.3	0.005	19	0.08	122	0.034	1.32	0.044	0.65	0.8	<1	0.43	2.4	0.4	3.3	37.1	5.19	1.00	1.0
2679919	Rock	0.36	13.6	0.030	13	0.53	538	0.117	6.31	0.531	3.25	2.3	1	1.40	7.6	1.2	11.2	182.8	30.15	5.22	8.3
2679920	Rock	4.28	9.0	0.063	94	4.05	27	0.614	8.84	2.515	0.04	0.4	<1	3.99	32.5	0.7	16.5	36.8	22.37	1.28	31.0
2679921	Rock Chip	2.27	27.9	0.080	10	0.64	1028	0.222	7.73	2.516	2.93	0.1	3	22.95	5.4	1.3	15.5	15.3	57.05	0.78	32.8
2679922	Rock	1.59	26.0	0.064	2	0.57	250	0.261	7.08	3.015	1.29	0.2	<1	7.33	8.4	1.2	22.0	189.3	62.75	5.02	12.7
2679923	Rock	1.50	27.1	0.065	2	0.50	240	0.262	6.93	3.194	1.21	0.1	<1	6.99	8.6	1.4	21.5	175.3	66.82	4.16	11.1
2679924	Rock	5.64	2.8	0.032	48	3.14	83	0.274	6.06	1.298	0.17	0.5	<1	0.99	29.0	0.3	3.6	21.0	7.79	0.54	26.1
2679925	Rock	4.86	8.3	0.104	16	1.56	230	0.380	6.24	0.563	0.54	0.2	<1	1.93	32.0	0.6	6.3	51.3	21.30	1.67	25.2
2679926	Rock	5.26	4.8	0.050	52	2.60	32	0.467	6.95	2.394	<0.02	<0.1	<1	1.61	34.1	0.3	5.1	10.4	12.94	0.31	21.7
2679927	Rock	3.33	2.3	0.024	47	2.48	268	0.471	5.86	1.920	<0.02	<0.1	<1	1.70	27.4	0.5	16.1	18.4	6.47	0.64	9.3
2679928	Rock	3.70	2.7	0.022	229	4.45	30	0.221	7.87	1.574	0.09	<0.1	<1	0.80	44.4	0.2	4.4	27.4	6.02	1.30	34.6
2679929	Rock	5.82	3.0	0.030	87	2.51	75	0.257	6.91	1.522	0.29	<0.1	<1	0.98	33.8	0.2	3.9	27.3	7.54	0.75	21.9
2679930	Rock	3.94	8.7	0.016	10	2.35	18	0.026	2.61	0.127	0.06	<0.1	<1	0.57	21.0	<0.1	6.0	44.3	17.28	1.06	14.2
2679931	Rock	5.15	4.1	0.046	52	1.82	172	0.297	6.55	1.066	0.23	<0.1	<1	1.02	35.3	0.2	4.9	30.9	10.77	0.74	22.3
2679932	Rock	4.88	4.7	0.040	27	3.45	23	0.624	7.43	1.868	<0.02	0.1	<1	2.23	41.1	0.4	22.3	44.6	12.04	1.15	9.6
2679933	Rock Pulp	1.33	3.8	0.064	17	2.13	82	0.309	7.71	2.358	1.51	3.5	<1	0.73	19.0	1.1	9.9	1.5	9.97	0.04	6.5
2679934	Rock	1.39	13.4	0.047	12	0.46	143	0.172	7.07	5.466	0.35	0.2	<1	2.32	2.7	0.9	4.2	128.1	31.50	3.62	5.6
2679935	Rock	2.08	12.9	0.069	12	2.28	372	0.747	7.54	3.212	0.45	1.3	<1	6.33	23.4	1.0	24.2	153.5	28.98	4.23	25.8
2679936	Rock	5.70	17.8	0.067	16	2.73	316	0.970	6.79	1.995	0.44	0.3	<1	7.63	39.6	1.4	37.5	138.6	38.69	4.28	12.8
2679937	Rock	9.09	3.5	0.028	259	3.74	17	0.622	8.26	0.631	0.05	0.8	<1	2.52	37.4	0.5	18.6	19.3	9.77	0.93	14.7
2679938	Rock	7.95	3.0	0.026	171	3.39	25	0.544	7.69	1.543	0.08	0.6	<1	1.96	39.9	0.4	19.1	14.3	7.89	1.03	11.3
2679939	Rock	3.79	4.7	0.030	413	6.04	50	0.450	6.89	3.444	0.15	0.2	<1	2.06	36.8	0.6	14.9	48.5	11.37	1.19	14.5
2679940	Rock	7.15	3.0	0.026	176	3.48	17	0.546	7.70	1.551	0.10	0.5	<1	1.98	41.1	0.5	19.4	12.5	7.95	0.70	17.7

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	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	AQ250	AQ250	AQ250	AQ250
	Analyte	Rb	S	Tb	Tm	Yb	Sm	Lu	Nd	Pr	Ho	Ga	Gd	Dy	Er	Eu	Cs	As	Au	Sb	Tl
	Unit	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.1	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
2679911	Rock	0.9	<0.04	<0.1	0.1	0.9	2.6	0.2	10.4	2.0	0.2	16.97	2.3	1.4	0.8	0.7	<0.1	1.2	<0.2	0.05	<0.02
2679912	Rock	6.4	0.25	<0.1	0.2	1.2	3.2	0.2	14.3	3.7	0.4	17.48	2.3	2.2	1.4	0.8	0.9	155.9	3.2	0.27	<0.02
2679913	Rock	4.3	0.10	0.1	0.2	1.1	2.5	0.2	14.2	3.8	0.4	16.88	2.4	1.8	1.1	0.7	0.7	113.6	1.1	0.26	<0.02
2679914	Rock	8.8	<0.04	0.2	0.2	1.2	3.6	0.2	13.1	2.8	0.6	16.29	3.1	2.8	1.6	1.0	0.3	1.7	0.8	0.08	<0.02
2679915	Rock	28.9	<0.04	0.4	0.4	2.4	4.9	0.4	29.3	6.3	0.8	17.65	4.9	4.0	2.3	1.5	0.7	<0.1	17.6	<0.02	<0.02
2679916	Rock	4.5	0.11	<0.1	<0.1	0.2	0.3	<0.1	0.8	<0.1	<0.1	1.90	0.2	0.2	<0.1	<0.1	0.1	4.0	275.0	0.02	<0.02
2679917	Rock Pulp	19.7	>10	<0.1	0.1	0.7	1.5	0.1	9.9	2.1	0.2	10.51	1.8	1.4	0.8	0.5	0.9	1575.2	366.6	115.69	12.63
2679918	Rock	20.6	0.38	<0.1	<0.1	0.3	0.4	<0.1	2.9	0.3	0.1	4.52	0.6	0.6	0.3	0.3	0.5	11.2	2963.0	0.03	<0.02
2679919	Rock	90.2	0.41	1.3	0.2	1.4	3.3	0.2	14.7	4.6	0.4	21.72	2.7	1.9	1.4	0.5	2.2	23.6	1222.4	0.07	0.03
2679920	Rock	0.9	<0.04	0.4	0.3	1.6	2.7	0.2	13.3	2.9	0.7	17.48	3.7	3.1	1.7	1.1	<0.1	0.7	1.2	0.09	<0.02
2679921	Rock Chip	126.6	<0.04	0.5	0.3	1.9	3.9	0.2	23.5	6.6	0.5	18.47	3.2	2.7	1.7	1.0	4.1	<0.1	0.5	<0.02	0.32
2679922	Rock	37.3	<0.04	0.7	0.3	2.7	5.2	0.4	29.8	7.8	0.8	17.22	4.4	4.2	2.6	1.5	0.8	0.1	1.3	<0.02	<0.02
2679923	Rock	36.9	<0.04	0.7	0.4	2.7	5.5	0.3	30.5	8.2	0.8	15.97	4.5	4.0	2.6	1.4	0.8	<0.1	0.8	<0.02	<0.02
2679924	Rock	5.4	0.07	0.1	<0.1	0.6	1.7	<0.1	5.7	1.1	0.1	15.05	1.6	0.8	0.4	0.5	0.2	0.5	2.0	0.06	<0.02
2679925	Rock	20.7	0.26	<0.1	0.1	0.8	3.9	0.1	16.2	3.0	0.2	20.33	2.7	1.7	0.8	1.1	0.5	0.6	3.0	0.21	<0.02
2679926	Rock	1.4	0.05	<0.1	<0.1	0.7	2.7	<0.1	10.1	1.8	0.2	18.76	2.4	1.3	0.7	0.8	<0.1	0.6	1.1	<0.02	<0.02
2679927	Rock	0.5	0.09	0.2	0.3	1.5	1.8	0.2	5.2	0.7	0.7	11.58	2.8	2.9	1.9	0.6	<0.1	1.5	2.5	<0.02	<0.02
2679928	Rock	4.0	<0.04	<0.1	<0.1	0.6	1.3	0.1	4.9	0.6	0.1	14.47	1.5	1.1	0.5	0.5	0.1	0.1	1.8	0.03	<0.02
2679929	Rock	7.8	<0.04	<0.1	<0.1	0.7	1.7	0.1	5.8	0.8	0.1	13.90	1.2	0.9	0.5	0.5	0.2	19.3	1.0	0.02	<0.02
2679930	Rock	2.8	1.24	<0.1	0.1	1.0	2.0	0.1	10.0	2.0	0.2	7.25	2.0	0.9	0.7	0.4	0.1	12.5	19.4	0.60	0.04
2679931	Rock	7.2	<0.04	<0.1	<0.1	0.6	2.5	0.1	8.3	1.4	0.2	17.23	2.1	1.0	0.5	0.8	0.3	31.6	2.0	0.07	<0.02
2679932	Rock	0.8	0.05	0.4	0.4	2.6	2.5	0.4	8.4	1.4	0.9	17.01	3.7	3.8	2.8	1.0	0.2	1.0	3.7	<0.02	<0.02
2679933	Rock Pulp	27.4	0.88	0.1	0.1	0.9	2.4	0.1	7.5	1.1	0.4	17.73	2.0	1.8	1.2	0.7	0.6	27.7	111.1	0.63	0.06
2679934	Rock	8.4	0.05	<0.1	<0.1	0.3	2.9	<0.1	17.3	4.0	0.1	20.55	1.9	0.9	0.3	1.0	0.2	0.1	1.1	0.04	<0.02
2679935	Rock	7.2	0.04	0.5	0.5	2.9	4.2	0.5	18.6	3.6	1.0	20.34	4.7	4.6	2.9	1.3	1.0	0.6	0.7	0.05	<0.02
2679936	Rock	12.7	0.13	0.9	0.7	4.2	4.9	0.6	21.1	4.6	1.5	20.37	6.1	6.7	3.8	1.5	0.8	1.0	1.6	0.05	<0.02
2679937	Rock	1.7	<0.04	0.3	0.3	1.8	2.3	0.2	7.6	1.3	0.8	17.87	2.9	3.4	2.0	1.0	<0.1	2.9	1.2	0.13	<0.02
2679938	Rock	2.1	<0.04	0.3	0.3	2.1	2.2	0.3	6.2	0.8	0.7	16.14	2.8	3.3	2.3	0.7	<0.1	12.6	4.6	0.11	<0.02
2679939	Rock	2.8	<0.04	0.2	0.2	1.6	2.3	0.2	7.8	1.2	0.5	14.45	2.7	2.9	1.9	0.8	0.3	0.4	3.1	0.07	<0.02
2679940	Rock	2.6	<0.04	0.2	0.3	2.1	1.9	0.3	6.4	0.9	0.7	15.19	2.9	3.3	2.0	0.8	<0.1	15.6	2.1	0.08	<0.02

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		AQ250	AQ250	AQ250
Analyte		Hg	Se	Te
Unit		ppb	ppm	ppm
MDL		5	0.1	0.02
2679911	Rock	<5	0.4	<0.02
2679912	Rock	<5	<0.1	<0.02
2679913	Rock	<5	<0.1	<0.02
2679914	Rock	<5	<0.1	0.02
2679915	Rock	<5	<0.1	<0.02
2679916	Rock	15	0.7	0.51
2679917	Rock Pulp	8644	83.0	0.30
2679918	Rock	36	1.7	2.68
2679919	Rock	40	1.3	2.04
2679920	Rock	17	<0.1	<0.02
2679921	Rock Chip	11	<0.1	<0.02
2679922	Rock	<5	<0.1	0.03
2679923	Rock	6	<0.1	<0.02
2679924	Rock	<5	0.3	<0.02
2679925	Rock	6	<0.1	0.04
2679926	Rock	9	0.4	<0.02
2679927	Rock	<5	0.4	<0.02
2679928	Rock	<5	0.2	<0.02
2679929	Rock	<5	<0.1	<0.02
2679930	Rock	<5	0.1	0.02
2679931	Rock	<5	<0.1	<0.02
2679932	Rock	11	0.3	<0.02
2679933	Rock Pulp	45	6.3	0.10
2679934	Rock	<5	<0.1	<0.02
2679935	Rock	10	0.3	<0.02
2679936	Rock	<5	0.4	<0.02
2679937	Rock	<5	<0.1	<0.02
2679938	Rock	5	<0.1	<0.02
2679939	Rock	13	0.1	0.04
2679940	Rock	<5	0.2	<0.02

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
2679941	Rock	4.32	<0.005	0.10	77.79	1.48	87.0	56	138.7	54.0	1698	8.22	10.6	<0.1	<0.1	0.3	144	0.12	0.71	<0.04	291

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Ca	La	P	Cr	Mg	Ba	Ti	Al	Na	K	W	Be	Nb	Sc	Sn	Y	Zr	Ce	Hf	Li
	Unit	%	ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.02	0.1	0.001	1	0.02	1	0.001	0.02	0.002	0.02	0.1	1	0.04	0.1	0.1	0.1	0.2	0.02	0.02	0.1
2679941	Rock	7.71	2.8	0.028	247	3.78	49	0.584	8.21	1.453	0.35	0.5	<1	2.07	40.3	0.4	18.7	11.3	7.60	0.57	19.3

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Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	AQ250	AQ250	AQ250	AQ250
Analyte		Rb	S	Tb	Tm	Yb	Sm	Lu	Nd	Pr	Ho	Ga	Gd	Dy	Er	Eu	Cs	As	Au	Sb	Tl
Unit		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
MDL		0.1	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
2679941	Rock	11.3	<0.04	0.3	0.4	2.5	1.8	0.3	6.2	0.9	0.8	16.66	3.0	3.8	2.1	0.8	0.2	7.5	2.4	0.20	<0.02

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Report Date: October 29, 2014

CERTIFICATE OF ANALYSIS TIM14000008.1

		Method	AQ250	AQ250	AQ250
		Analyte	Hg	Se	Te
		Unit	ppb	ppm	ppm
		MDL	5	0.1	0.02
2679941	Rock		11	0.1	<0.02

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

QUALITY CONTROL REPORT TIM14000008.1

		Method	WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
Pulp Duplicates																						
2679857	Rock		3.36	<0.005	0.39	129.19	2.00	112.5	56	100.1	56.9	1662	8.62	17.6	<0.1	<0.1	0.3	228	0.17	1.02	<0.04	320
REP 2679857	QC																					
2679873	Rock		2.12	<0.005	0.11	9.08	1.94	60.9	28	41.4	10.7	428	2.77	1.8	0.7	<0.1	2.3	128	0.05	0.06	0.06	54
REP 2679873	QC			<0.005	0.12	9.30	2.04	59.3	34	42.0	11.4	424	2.75	2.3	0.7	<0.1	2.4	124	0.09	0.07	0.05	53
2679892	Rock		2.79	<0.005	0.57	138.07	3.21	172.1	133	121.4	57.0	2081	8.51	4.0	0.1	<0.1	0.5	142	0.06	0.21	0.07	295
REP 2679892	QC																					
2679908	Rock		3.02	<0.005	0.07	38.61	2.79	65.2	48	80.2	21.2	636	4.14	2.0	0.4	<0.1	2.0	274	0.04	0.14	<0.04	95
REP 2679908	QC				0.06	38.69	2.81	68.7	49	77.0	20.7	643	4.10	1.6	0.4	<0.1	1.9	275	0.08	0.14	<0.04	96
2679925	Rock		3.98	<0.005	0.62	31.92	2.11	161.2	111	13.5	34.7	2123	10.51	2.8	0.1	<0.1	0.6	64	0.19	0.70	0.21	100
REP 2679925	QC			<0.005																		
2679927	Rock		3.56	<0.005	0.08	153.27	0.58	71.7	58	38.0	36.8	1092	6.50	4.0	<0.1	<0.1	0.2	126	0.07	0.07	<0.04	208
REP 2679927	QC																					
2679941	Rock		4.32	<0.005	0.10	77.79	1.48	87.0	56	138.7	54.0	1698	8.22	10.6	<0.1	<0.1	0.3	144	0.12	0.71	<0.04	291
REP 2679941	QC			<0.005	0.07	81.92	1.41	87.3	64	140.5	52.4	1691	8.18	9.9	<0.1	<0.1	0.2	139	0.07	0.70	<0.04	277
Core Reject Duplicates																						
2679876	Rock		2.92	<0.005	0.06	10.91	12.97	56.3	47	9.3	6.3	256	1.91	3.1	1.8	<0.1	4.7	439	0.07	0.07	0.04	52
DUP 2679876	QC			<0.005	0.06	10.31	14.05	59.6	61	8.4	5.4	260	1.95	1.8	2.0	<0.1	5.1	458	0.08	0.07	0.05	53
2679914	Rock		3.00	0.006	0.12	43.30	2.02	105.1	46	143.2	43.4	1397	7.09	3.9	0.2	<0.1	0.9	243	0.06	0.24	<0.04	175
DUP 2679914	QC			0.009	0.11	42.75	2.04	109.7	26	141.2	43.1	1383	7.35	3.4	0.2	<0.1	0.9	240	0.07	0.22	<0.04	178
Reference Materials																						
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD OREAS25A-4A	Standard				2.47	32.88	25.39	39.4	42	43.9	7.6	489	6.40	9.6	2.8	<0.1	15.8	47	0.09	0.62	0.33	153
STD OREAS25A-4A	Standard				2.48	34.22	25.65	43.8	45	45.8	10.0	514	6.90	11.6	2.9	<0.1	15.3	49	0.07	0.63	0.40	166
STD OREAS25A-4A	Standard				2.48	42.66	25.49	45.3	77	50.5	8.4	507	6.78	10.0	3.0	<0.1	15.5	47	0.10	0.65	0.34	165
STD OREAS25A-4A	Standard				2.31	35.32	25.68	47.5	32	47.8	7.3	491	6.51	9.7	2.8	<0.1	14.7	47	0.13	0.61	0.37	163
STD OREAS45EA	Standard																					

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

QUALITY CONTROL REPORT TIM14000008.1

		Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
		Analyte	Ca	La	P	Cr	Mg	Ba	Ti	Al	Na	K	W	Be	Nb	Sc	Sn	Y	Zr	Ce	Hf	Li
		Unit	%	ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.02	0.1	0.001	1	0.02	1	0.001	0.02	0.002	0.02	0.1	1	0.04	0.1	0.1	0.1	0.2	0.02	0.02	0.1
Pulp Duplicates																						
2679857	Rock		7.51	3.7	0.029	129	3.41	105	0.668	8.40	1.684	0.19	0.9	<1	2.34	42.8	0.6	22.1	31.7	9.11	1.54	15.4
REP 2679857	QC																					
2679873	Rock		0.76	8.4	0.031	49	1.30	286	0.204	7.40	3.460	1.51	0.4	1	3.34	7.1	0.6	7.0	122.6	17.20	3.53	21.2
REP 2679873	QC		0.70	8.0	0.032	48	1.29	277	0.202	6.95	3.431	1.45	0.4	<1	3.27	7.2	0.7	6.4	118.0	16.57	3.24	22.7
2679892	Rock		3.58	7.1	0.035	161	3.76	46	0.589	8.10	1.453	0.22	1.1	1	2.58	36.1	1.0	19.5	33.9	15.95	1.03	45.5
REP 2679892	QC																					
2679908	Rock		1.79	15.3	0.051	92	1.79	282	0.375	7.47	2.970	1.06	0.5	<1	3.55	12.5	0.6	9.2	93.5	33.04	2.22	13.2
REP 2679908	QC		1.79	16.5	0.050	89	1.81	302	0.364	7.53	3.007	1.19	0.4	<1	3.53	12.2	0.7	9.5	93.0	33.92	2.45	13.3
2679925	Rock		4.86	8.3	0.104	16	1.56	230	0.380	6.24	0.563	0.54	0.2	<1	1.93	32.0	0.6	6.3	51.3	21.30	1.67	25.2
REP 2679925	QC																					
2679927	Rock		3.33	2.3	0.024	47	2.48	268	0.471	5.86	1.920	<0.02	<0.1	<1	1.70	27.4	0.5	16.1	18.4	6.47	0.64	9.3
REP 2679927	QC																					
2679941	Rock		7.71	2.8	0.028	247	3.78	49	0.584	8.21	1.453	0.35	0.5	<1	2.07	40.3	0.4	18.7	11.3	7.60	0.57	19.3
REP 2679941	QC		7.67	2.8	0.025	238	3.79	49	0.572	8.16	1.448	0.33	0.5	<1	2.03	39.8	0.5	18.7	12.6	7.42	0.47	18.7
Core Reject Duplicates																						
2679876	Rock		1.41	17.3	0.061	16	0.51	895	0.177	7.19	4.933	1.22	0.3	2	2.45	4.5	1.1	6.5	134.6	37.92	4.30	7.1
DUP 2679876	QC		1.46	19.0	0.064	15	0.53	953	0.184	7.54	5.109	1.27	0.3	2	2.41	4.5	1.1	6.8	138.6	41.55	4.38	7.6
2679914	Rock		3.73	10.0	0.062	160	2.79	88	0.484	8.17	2.518	0.29	0.3	<1	3.64	25.9	0.5	13.3	44.4	23.07	1.23	35.0
DUP 2679914	QC		3.87	9.4	0.057	165	2.80	82	0.486	8.13	2.526	0.28	0.4	<1	3.53	25.9	0.5	13.2	45.7	22.37	1.21	33.7
Reference Materials																						
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD OREAS25A-4A	Standard		0.28	21.7	0.047	130	0.33	136	0.938	9.13	0.123	0.45	1.6	<1	18.85	12.2	3.7	9.9	148.3	46.43	3.75	37.4
STD OREAS25A-4A	Standard		0.30	21.7	0.048	129	0.32	151	0.972	9.31	0.141	0.46	1.9	1	20.58	11.7	4.0	10.5	151.4	44.70	4.35	39.5
STD OREAS25A-4A	Standard		0.32	21.4	0.048	123	0.34	154	1.025	9.45	0.137	0.48	2.2	1	20.84	11.3	4.2	10.5	155.2	47.92	4.61	39.0
STD OREAS25A-4A	Standard		0.27	20.4	0.052	111	0.33	152	0.909	8.85	0.144	0.52	2.0	<1	20.07	12.7	4.0	9.8	162.9	46.21	4.29	38.6
STD OREAS45EA	Standard																					

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

QUALITY CONTROL REPORT TIM14000008.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	AQ250	AQ250	AQ250	AQ250
	Analyte	Rb	S	Tb	Tm	Yb	Sm	Lu	Nd	Pr	Ho	Ga	Gd	Dy	Er	Eu	Cs	As	Au	Sb	Tl
	Unit	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.1	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
Pulp Duplicates																					
2679857	Rock	6.3	0.08	0.4	0.4	2.6	2.8	0.4	7.3	1.3	0.9	18.49	3.3	3.7	2.8	1.0	0.2	15.6	0.7	0.10	<0.02
REP 2679857	QC																	16.2	2.4	0.11	<0.02
2679873	Rock	45.1	<0.04	<0.1	0.1	0.7	1.3	0.1	7.7	1.8	0.3	21.13	1.1	1.4	0.7	0.5	1.3	0.3	0.2	<0.02	<0.02
REP 2679873	QC	42.8	<0.04	<0.1	0.1	0.6	1.4	<0.1	7.9	1.7	0.2	20.62	1.0	1.1	0.7	0.5	1.3				
2679892	Rock	8.8	0.14	0.4	0.3	2.1	2.4	0.2	8.5	1.9	0.7	16.86	3.2	3.7	2.1	1.1	1.3	2.2	2.3	0.05	<0.02
REP 2679892	QC																	2.1	0.7	0.05	<0.02
2679908	Rock	33.3	<0.04	0.1	0.2	1.0	2.8	0.1	15.6	3.5	0.3	17.33	2.5	1.9	1.1	0.9	0.8	0.6	0.4	0.05	<0.02
REP 2679908	QC	33.6	<0.04	0.2	0.1	1.0	2.9	0.1	17.4	4.0	0.4	16.75	2.2	1.7	1.0	0.8	0.8				
2679925	Rock	20.7	0.26	<0.1	0.1	0.8	3.9	0.1	16.2	3.0	0.2	20.33	2.7	1.7	0.8	1.1	0.5	0.6	3.0	0.21	<0.02
REP 2679925	QC																				
2679927	Rock	0.5	0.09	0.2	0.3	1.5	1.8	0.2	5.2	0.7	0.7	11.58	2.8	2.9	1.9	0.6	<0.1	1.5	2.5	<0.02	<0.02
REP 2679927	QC																	1.4	1.3	<0.02	<0.02
2679941	Rock	11.3	<0.04	0.3	0.4	2.5	1.8	0.3	6.2	0.9	0.8	16.66	3.0	3.8	2.1	0.8	0.2	7.5	2.4	0.20	<0.02
REP 2679941	QC	11.4	<0.04	0.3	0.3	2.3	2.0	0.3	5.7	0.9	0.8	17.65	3.1	3.6	2.1	0.8	0.2				
Core Reject Duplicates																					
2679876	Rock	30.4	0.09	0.2	<0.1	0.6	3.9	<0.1	20.8	4.8	0.2	27.94	2.3	1.5	0.6	0.9	1.0	0.2	0.8	0.02	<0.02
DUP 2679876	QC	32.1	0.09	0.2	<0.1	0.6	4.3	<0.1	21.5	4.9	0.3	29.52	2.7	1.6	0.5	0.9	1.1	0.6	1.2	0.02	0.02
2679914	Rock	8.8	<0.04	0.2	0.2	1.2	3.6	0.2	13.1	2.8	0.6	16.29	3.1	2.8	1.6	1.0	0.3	1.7	0.8	0.08	<0.02
DUP 2679914	QC	9.0	<0.04	0.2	0.2	1.3	2.7	0.2	13.4	2.9	0.5	16.49	3.1	2.6	1.4	1.0	0.3	1.7	4.4	0.07	<0.02
Reference Materials																					
STD DS10	Standard																	44.9	55.9	7.52	4.95
STD DS10	Standard																	42.9	68.9	7.60	5.00
STD DS10	Standard																	42.9	73.7	8.14	4.85
STD OREAS25A-4A	Standard	59.7	<0.04	0.2	0.2	1.1	3.2	0.2	18.0	4.8	0.4	23.58	2.7	2.4	1.2	0.7	6.0				
STD OREAS25A-4A	Standard	59.8	0.05	0.3	0.2	1.2	3.7	0.2	18.9	5.0	0.4	26.36	2.6	2.1	1.4	0.7	6.0				
STD OREAS25A-4A	Standard	61.1	0.04	0.2	0.2	1.7	3.9	0.2	18.8	5.3	0.5	25.83	2.7	2.5	1.3	0.7	6.4				
STD OREAS25A-4A	Standard	60.6	<0.04	0.3	0.2	1.3	3.5	0.2	18.1	4.8	0.4	27.25	2.8	2.0	1.1	0.6	5.7				
STD OREAS45EA	Standard																	9.8	51.0	0.29	<0.02

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

QUALITY CONTROL REPORT TIM14000008.1

	Method	AQ250	AQ250	AQ250
	Analyte	Hg	Se	Te
	Unit	ppb	ppm	ppm
	MDL	5	0.1	0.02
Pulp Duplicates				
2679857	Rock	<5	0.3	<0.02
REP 2679857	QC	<5	0.3	<0.02
2679873	Rock	<5	<0.1	<0.02
REP 2679873	QC			
2679892	Rock	<5	0.2	0.06
REP 2679892	QC	<5	0.2	0.09
2679908	Rock	<5	<0.1	<0.02
REP 2679908	QC			
2679925	Rock	6	<0.1	0.04
REP 2679925	QC			
2679927	Rock	<5	0.4	<0.02
REP 2679927	QC	17	0.3	<0.02
2679941	Rock	11	0.1	<0.02
REP 2679941	QC			
Core Reject Duplicates				
2679876	Rock	<5	<0.1	<0.02
DUP 2679876	QC	<5	<0.1	<0.02
2679914	Rock	<5	<0.1	0.02
DUP 2679914	QC	<5	<0.1	0.02
Reference Materials				
STD DS10	Standard	339	2.2	4.79
STD DS10	Standard	283	2.2	4.67
STD DS10	Standard	302	2.1	4.91
STD OREAS25A-4A	Standard			
STD OREAS25A-4A	Standard			
STD OREAS25A-4A	Standard			
STD OREAS25A-4A	Standard			
STD OREAS45EA	Standard	11	1.2	<0.02

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QUALITY CONTROL REPORT TIM14000008.1

		WGHT Wgt kg 0.01	FA430 Au ppm 0.005	MA250 Mo ppm 0.05	MA250 Cu ppm 0.02	MA250 Pb ppm 0.02	MA250 Zn ppm 0.2	MA250 Ag ppb 20	MA250 Ni ppm 0.1	MA250 Co ppm 0.2	MA250 Mn ppm 2	MA250 Fe % 0.02	MA250 As ppm 0.2	MA250 U ppm 0.1	MA250 Au ppm 0.1	MA250 Th ppm 0.1	MA250 Sr ppm 1	MA250 Cd ppm 0.02	MA250 Sb ppm 0.02	MA250 Bi ppm 0.04	MA250 V ppm 1
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45E	Standard			2.52	794.48	19.32	46.7	315	469.8	60.6	586	24.41	14.6	2.5	<0.1	12.9	18	0.06	0.97	0.26	341
STD OREAS45E	Standard			2.39	833.41	18.78	55.2	357	514.1	64.4	597	27.62	19.6	2.5	<0.1	13.9	18	0.06	1.03	0.33	337
STD OREAS45E	Standard			2.50	809.45	19.39	47.5	335	479.4	62.8	599	25.16	20.4	2.5	<0.1	14.1	16	0.04	1.03	0.27	349
STD OREAS45E	Standard			2.29	771.85	19.72	49.0	310	476.2	55.4	577	23.93	17.3	2.5	<0.1	13.4	17	0.07	1.04	0.29	323
STD OXD108	Standard		0.416																		
STD OXD108	Standard		0.404																		
STD OXD108	Standard		0.417																		
STD OXI121	Standard		1.853																		
STD OXI121	Standard		1.853																		
STD OXI121	Standard		1.843																		
STD OXN117	Standard		7.609																		
STD OXN117	Standard		7.791																		
STD OXN117	Standard		7.833																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OREAS45E Expected				2.4	780	18.2	46.7	311	454	57	570	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	0.28	322
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94		15.8	48.5		0.67	0.35	157
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				

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Vancouver BC V6C 0B3 CANADA

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QUALITY CONTROL REPORT TIM14000008.1

		MA250 Ca % 0.02	MA250 La ppm 0.1	MA250 P % 0.001	MA250 Cr ppm 1	MA250 Mg % 0.02	MA250 Ba ppm 1	MA250 Ti % 0.001	MA250 Al % 0.02	MA250 Na % 0.002	MA250 K % 0.02	MA250 W ppm 0.1	MA250 Be ppm 1	MA250 Nb ppm 0.04	MA250 Sc ppm 0.1	MA250 Sn ppm 0.1	MA250 Y ppm 0.1	MA250 Zr ppm 0.2	MA250 Ce ppm 0.02	MA250 Hf ppm 0.02	MA250 Li ppm 0.1
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45E	Standard	0.07	11.2	0.033	1042	0.16	238	0.553	7.09	0.065	0.33	0.9	<1	6.32	88.3	1.3	8.0	98.1	23.57	2.77	6.7
STD OREAS45E	Standard	0.07	11.4	0.034	1046	0.15	262	0.581	7.32	0.056	0.34	1.0	<1	6.80	91.1	1.3	9.3	108.7	24.79	2.98	7.7
STD OREAS45E	Standard	0.09	10.9	0.034	1051	0.16	259	0.572	7.34	0.064	0.34	1.0	<1	6.29	89.6	1.3	8.0	99.8	24.20	3.00	7.9
STD OREAS45E	Standard	0.06	10.8	0.035	991	0.16	266	0.523	6.74	0.053	0.34	1.1	<1	6.43	94.0	1.4	7.9	102.1	24.51	3.17	6.7
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OREAS45E Expected		0.065	11	0.034	979	0.156	252	0.559	6.78	0.059	0.324	1.07		6.8	93	1.32	8.28	97	23.5	3.11	6.58
STD OREAS25A-4A		0.309	21.8	0.048	115	0.327	147	0.977	8.87	0.134	0.482	2.1	1.02	22.4	13.7	4.06	12.3		48.9	4.53	36.7
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				

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QUALITY CONTROL REPORT TIM14000008.1

		MA250 Rb ppm 0.1	MA250 S % 0.04	MA250 Tb ppm 0.1	MA250 Tm ppm 0.1	MA250 Yb ppm 0.1	MA250 Sm ppm 0.1	MA250 Lu ppm 0.1	MA250 Nd ppm 0.1	MA250 Pr ppm 0.1	MA250 Ho ppm 0.1	MA250 Ga ppm 0.02	MA250 Gd ppm 0.1	MA250 Dy ppm 0.1	MA250 Er ppm 0.1	MA250 Eu ppm 0.1	MA250 Cs ppm 0.1	AQ250 As ppm 0.1	AQ250 Au ppb 0.2	AQ250 Sb ppm 0.02	AQ250 Tl ppm 0.02
STD OREAS45EA	Standard																	8.9	51.9	0.28	<0.02
STD OREAS45EA	Standard																	10.9	51.4	0.33	<0.02
STD OREAS45E	Standard	22.0	<0.04	0.1	0.2	1.1	2.2	0.2	9.3	2.2	0.4	16.48	2.1	2.0	1.1	0.6	1.2				
STD OREAS45E	Standard	22.5	0.05	0.2	0.2	1.2	2.3	0.2	10.2	2.6	0.4	18.64	1.7	2.2	1.1	0.6	1.3				
STD OREAS45E	Standard	21.5	<0.04	<0.1	0.2	1.1	2.3	0.2	10.2	2.4	0.4	17.60	2.1	1.9	1.2	0.5	1.3				
STD OREAS45E	Standard	22.6	<0.04	0.3	0.2	1.3	2.1	0.2	9.8	2.4	0.4	17.46	1.8	2.0	1.2	0.6	1.3				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected																		43.7	91.9	8.23	5.1
STD OREAS45EA Expected																		9.1	53	0.2	0.072
STD OREAS45E Expected		21.2	0.046	0.33	0.17	1.21	2.28	0.175	9.05	2.47	0.38	16.5	1.82	2.05	1.2	0.52	1.26				
STD OREAS25A-4A		61	0.051									25.9					6.46				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																	<0.1	<0.2	<0.02	<0.02

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Project: EXNA.CA.ON.00013
Report Date: October 29, 2014

QUALITY CONTROL REPORT TIM14000008.1

		AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02
STD OREAS45EA	Standard	5	0.8	0.11
STD OREAS45EA	Standard	33	1.1	0.02
STD OREAS45E	Standard			
STD OREAS45E	Standard			
STD OREAS45E	Standard			
STD OREAS45E	Standard			
STD OXD108	Standard			
STD OXD108	Standard			
STD OXD108	Standard			
STD OXI121	Standard			
STD OXI121	Standard			
STD OXI121	Standard			
STD OXN117	Standard			
STD OXN117	Standard			
STD OXN117	Standard			
STD OXD108 Expected				
STD OXN117 Expected				
STD OXI121 Expected				
STD DS10 Expected		300	2.3	5.01
STD OREAS45EA Expected		10	0.63	0.07
STD OREAS45E Expected				
STD OREAS25A-4A				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<5	<0.1	<0.02

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QUALITY CONTROL REPORT TIM14000008.1

		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.05	0.10	0.03	<0.2	<20	<0.1	<0.2	<2	<0.02	0.8	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1
BLK	Blank			<0.05	0.08	0.05	0.4	<20	<0.1	<0.2	<2	<0.02	0.6	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1
BLK	Blank			<0.05	<0.02	0.09	0.5	<20	<0.1	<0.2	<2	<0.02	0.4	<0.1	<0.1	<0.1	<1	0.02	<0.02	<0.04	<1
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	2.80	4.47	3.47	45.0	34	2.2	4.4	688	2.39	2.6	1.3	<0.1	3.0	227	0.06	0.09	0.07	38
ROCK-VAN	Prep Blank		0.006	2.62	3.61	3.14	43.7	21	2.7	4.9	729	2.45	2.7	1.3	<0.1	3.0	210	0.07	0.10	0.07	40

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		MA250 Ca % 0.02	MA250 La ppm 0.1	MA250 P % 0.001	MA250 Cr ppm 1	MA250 Mg % 0.02	MA250 Ba ppm 1	MA250 Ti % 0.001	MA250 Al % 0.02	MA250 Na % 0.002	MA250 K % 0.02	MA250 W ppm 0.1	MA250 Be ppm 1	MA250 Nb ppm 0.04	MA250 Sc ppm 0.1	MA250 Sn ppm 0.1	MA250 Y ppm 0.1	MA250 Zr ppm 0.2	MA250 Ce ppm 0.02	MA250 Hf ppm 0.02	MA250 Li ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.02	<0.1	<0.001	1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<1	<0.04	<0.1	<0.1	<0.1	0.8	<0.02	<0.02	0.1
BLK	Blank	<0.02	<0.1	<0.001	3	<0.02	<1	<0.001	<0.02	0.004	<0.02	<0.1	<1	<0.04	0.5	<0.1	<0.1	<0.2	<0.02	<0.02	0.2
BLK	Blank	<0.02	<0.1	<0.001	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<1	<0.04	<0.1	<0.1	<0.1	<0.2	<0.02	<0.02	<0.1
Prep Wash																					
ROCK-VAN	Prep Blank	1.76	14.3	0.045	29	0.51	915	0.243	6.97	3.538	1.82	0.3	2	6.46	6.8	0.8	18.3	59.2	27.27	1.98	5.1
ROCK-VAN	Prep Blank	1.69	12.2	0.045	30	0.55	899	0.246	6.96	3.549	1.77	0.3	1	5.96	6.9	0.8	17.3	56.1	23.67	2.08	4.8

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		MA250 Rb ppm 0.1	MA250 S % 0.04	MA250 Tb ppm 0.1	MA250 Tm ppm 0.1	MA250 Yb ppm 0.1	MA250 Sm ppm 0.1	MA250 Lu ppm 0.1	MA250 Nd ppm 0.1	MA250 Pr ppm 0.1	MA250 Ho ppm 0.1	MA250 Ga ppm 0.02	MA250 Gd ppm 0.1	MA250 Dy ppm 0.1	MA250 Er ppm 0.1	MA250 Eu ppm 0.1	MA250 Cs ppm 0.1	AQ250 As ppm 0.1	AQ250 Au ppb 0.2	AQ250 Sb ppm 0.02	AQ250 Tl ppm 0.02
BLK	Blank																	<0.1	<0.2	<0.02	<0.02
BLK	Blank																	<0.1	<0.2	<0.02	<0.02
BLK	Blank	<0.1	<0.04	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.07	<0.1	<0.1	<0.1	<0.1	<0.1				
BLK	Blank	0.1	<0.04	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.05	<0.1	<0.1	<0.1	<0.1	<0.1				
BLK	Blank	<0.1	<0.04	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.1	<0.1				
Prep Wash																					
ROCK-VAN	Prep Blank	41.5	<0.04	0.7	0.3	2.2	2.8	0.4	13.6	3.9	0.7	14.50	3.0	3.2	2.0	0.8	0.3	0.9	0.5	0.03	<0.02
ROCK-VAN	Prep Blank	39.1	<0.04	0.4	0.3	2.3	2.7	0.3	11.5	2.9	0.7	14.65	2.5	2.7	2.2	0.8	0.3	1.0	<0.2	0.03	<0.02

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		AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02
BLK	Blank	<5	<0.1	<0.02
BLK	Blank	<5	<0.1	<0.02
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
ROCK-VAN	Prep Blank	7	<0.1	<0.02
ROCK-VAN	Prep Blank	<5	<0.1	<0.02

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PHONE (604) 253-3158

www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Timmins
Received: October 14, 2014
Report Date: November 04, 2014
Page: 1 of 4

CERTIFICATE OF ANALYSIS TIM14000015.1

CLIENT JOB INFORMATION

Project: EXNA.CA.ON.00014
Shipment ID: ROL_2014_023
P.O. Number
Number of Samples: 61

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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
PRP80-1KG	59	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
FA430	61	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
MA250	61	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
AQ250	61	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. 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: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	1	0.02	0.02	0.04	1	0.02
2679801	Rock	3.09	<0.005	0.20	172.00	1.42	113.1	95	55.8	48.0	1616	8.94	11.7	<0.1	0.2	74	0.20	0.37	<0.04	296	5.34
2679802	Rock	4.41	<0.005	<0.05	83.51	0.83	106.9	55	79.0	51.6	1556	8.60	13.1	<0.1	0.3	73	0.07	0.11	<0.04	286	5.52
2679942	Rock	4.58	<0.005	0.11	58.63	0.86	84.7	64	115.0	46.5	1466	7.71	3.4	<0.1	0.3	101	0.13	0.46	<0.04	256	7.88
2679943	Rock	3.91	<0.005	0.15	77.28	0.96	83.3	77	118.8	50.1	1468	7.84	4.9	<0.1	0.2	107	0.07	0.48	<0.04	258	8.07
2679944	Rock	5.17	<0.005	0.15	114.29	0.89	79.1	67	113.7	47.5	1468	7.32	3.8	<0.1	0.3	115	0.08	1.36	<0.04	250	7.99
2679945	Rock	3.79	<0.005	0.09	33.55	1.62	32.9	44	28.3	13.2	1028	2.74	1.0	<0.1	<0.1	67	0.09	0.43	<0.04	75	8.99
2679946	Rock	3.86	<0.005	0.05	115.07	1.30	88.3	83	127.6	56.3	1671	7.92	3.4	<0.1	0.2	98	0.10	0.50	<0.04	249	5.04
2679947	Rock	3.18	<0.005	0.10	93.36	0.82	88.9	61	125.9	49.3	1574	7.74	2.4	<0.1	0.2	100	0.13	0.83	<0.04	264	7.29
2679948	Rock	3.47	0.051	<0.05	14.21	3.96	35.7	32	4.2	3.4	181	1.06	0.8	0.8	2.1	130	0.11	0.12	<0.04	18	0.75
2679949	Rock	2.45	<0.005	0.39	37.54	8.22	100.1	51	61.6	26.7	1209	5.28	8.3	0.5	2.2	467	0.15	0.45	<0.04	162	3.26
2679950	Rock Chip	1.45	<0.005	0.20	4.00	18.57	55.9	<20	4.9	5.1	776	2.43	1.2	2.7	9.1	701	0.06	0.03	0.06	49	2.27
2679951	Rock	2.54	<0.005	0.21	43.54	8.18	102.9	74	69.3	25.9	776	4.09	12.3	1.2	4.0	232	0.20	0.38	0.10	132	0.61
2679952	Rock	3.14	<0.005	0.19	28.68	7.67	79.8	83	45.7	16.2	525	2.86	11.4	1.4	6.1	452	0.22	0.25	0.08	79	1.47
2679953	Rock	3.18	<0.005	0.30	147.27	3.30	93.5	78	88.2	51.8	1656	8.54	2.9	0.4	1.8	345	0.11	0.25	<0.04	307	5.75
2679954	Rock	2.62	0.010	0.09	74.33	1.42	77.0	48	143.9	46.1	1406	7.54	4.3	<0.1	0.2	107	0.08	0.44	<0.04	237	6.44
2679955	Rock	3.33	<0.005	0.08	129.31	3.15	95.7	66	170.1	59.6	1615	7.95	2.0	<0.1	0.2	128	0.13	0.37	<0.04	247	7.82
2679956	Rock	3.07	0.006	0.09	73.05	0.80	86.7	63	199.6	58.1	1468	7.73	9.1	<0.1	0.3	92	0.11	0.48	<0.04	221	6.92
2679957	Rock	2.82	<0.005	0.35	47.96	8.56	91.7	75	67.4	27.5	1401	5.30	5.9	1.5	5.9	536	0.18	0.39	<0.04	135	3.59
2679958	Rock	3.24	<0.005	0.06	118.29	1.51	119.2	49	104.5	52.6	1549	8.06	4.3	<0.1	0.2	137	0.12	0.58	<0.04	301	5.66
2679959	Rock	4.13	<0.005	0.10	100.47	0.85	87.9	83	135.8	54.7	1541	8.19	8.1	<0.1	0.3	106	0.15	0.82	<0.04	268	7.72
2679960	Rock	4.05	0.025	0.35	56.22	8.27	76.8	78	63.2	27.6	1243	5.26	8.8	1.0	4.2	585	0.08	0.43	<0.04	135	4.17
2679961	Rock	4.57	<0.005	0.08	117.29	0.96	148.2	82	117.9	51.7	1447	7.59	7.7	<0.1	0.2	138	0.07	0.64	<0.04	264	8.25
2679962	Rock	4.09	<0.005	1.01	10.23	1.45	81.6	60	109.5	50.5	1231	6.70	1.8	<0.1	0.3	69	0.11	0.05	<0.04	225	5.12
2679963	Rock	4.53	<0.005	0.24	25.07	1.38	52.7	60	92.8	31.1	870	4.39	1.2	<0.1	0.2	59	0.06	0.05	<0.04	138	4.53
2679964	Rock Pulp	0.07	0.117	78.24	3824.44	6.08	90.3	607	11.4	12.2	297	3.52	26.4	<0.1	0.2	110	0.26	1.23	0.08	298	1.41
2679965	Rock	2.11	<0.005	0.42	87.33	3.79	104.8	146	37.1	48.8	1306	8.19	1.5	<0.1	0.1	70	0.04	0.20	<0.04	337	2.74
2679966	Rock	3.74	<0.005	0.18	111.70	0.74	78.0	73	136.0	54.2	1576	7.71	1.9	<0.1	0.2	103	0.12	0.24	<0.04	259	8.16
2679967	Rock	4.00	<0.005	1.05	147.36	5.38	132.1	80	46.0	46.9	1555	9.23	7.3	0.2	0.8	399	0.20	0.64	0.09	344	7.19
2679968	Rock	2.92	<0.005	0.09	34.78	4.05	97.4	49	47.8	21.6	812	4.78	5.3	0.6	2.8	242	0.17	0.28	<0.04	141	2.89
2679969	Rock	4.77	<0.005	0.06	135.38	3.29	127.2	83	49.4	49.3	1720	9.92	10.2	0.1	0.5	229	0.18	0.40	<0.04	347	5.59

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
2679801	Rock	0.028	2.8	210	3.87	33	0.589	6.75	2.489	0.13	0.6	20.7	0.8	<1	50.1	0.09	16.5	8.16	1.3	5.8	2.0
2679802	Rock	0.035	2.3	80	2.81	20	0.644	6.90	2.088	<0.02	0.2	26.9	0.5	<1	33.5	0.05	6.0	6.57	0.8	4.4	1.5
2679942	Rock	0.021	2.2	265	4.62	31	0.435	7.65	1.186	0.07	0.3	13.3	0.4	<1	45.7	<0.04	13.9	6.00	0.8	4.6	1.5
2679943	Rock	0.023	2.6	270	4.64	21	0.450	7.69	1.113	0.05	0.2	16.3	0.4	<1	47.4	<0.04	13.7	6.91	0.7	4.5	1.4
2679944	Rock	0.020	2.3	252	3.57	22	0.414	7.75	0.994	0.03	0.5	12.4	0.4	<1	40.7	0.06	14.3	6.21	0.7	4.2	1.6
2679945	Rock	0.006	1.2	52	1.14	18	0.089	2.32	0.109	0.02	0.2	1.3	0.2	<1	10.1	<0.04	7.2	2.55	0.2	1.4	0.5
2679946	Rock	0.020	2.7	270	4.48	21	0.441	7.59	1.221	0.04	1.4	9.8	0.4	<1	43.2	<0.04	13.9	6.46	0.7	4.9	1.7
2679947	Rock	0.020	2.3	262	3.89	32	0.444	7.74	1.093	0.03	0.5	10.0	0.5	<1	45.5	<0.04	14.1	6.59	0.8	4.7	1.5
2679948	Rock	0.021	7.1	5	0.24	482	0.128	7.15	4.402	1.19	0.3	72.9	0.5	<1	2.4	<0.04	1.8	15.97	1.5	6.0	1.1
2679949	Rock	0.060	17.4	110	2.09	294	0.465	7.08	2.550	0.57	0.3	44.3	0.8	<1	23.4	<0.04	14.3	39.75	4.9	18.6	3.4
2679950	Rock Chip	0.074	28.0	11	0.65	1067	0.244	7.54	2.602	2.64	0.8	13.6	1.4	2	5.4	<0.04	13.7	60.15	6.1	22.7	4.2
2679951	Rock	0.045	13.2	90	1.24	518	0.212	8.28	1.663	1.84	0.9	99.1	0.6	1	19.0	<0.04	9.1	44.90	3.4	12.7	2.4
2679952	Rock	0.096	35.0	52	0.92	479	0.272	7.70	3.406	1.31	4.0	119.7	0.7	1	9.1	<0.04	10.5	82.58	9.1	35.3	5.8
2679953	Rock	0.046	8.8	152	3.81	379	0.676	7.51	2.429	0.91	0.2	79.9	0.9	<1	42.0	0.06	23.3	21.12	2.6	11.2	2.8
2679954	Rock	0.021	2.1	215	4.62	40	0.465	8.04	1.630	0.07	1.4	18.2	0.5	<1	38.4	<0.04	15.0	6.02	0.7	5.0	1.5
2679955	Rock	0.023	2.1	219	4.06	18	0.463	8.39	1.771	<0.02	0.2	16.0	0.4	<1	42.9	<0.04	15.4	5.73	0.7	4.9	1.5
2679956	Rock	0.028	3.3	530	5.64	11	0.436	6.68	1.430	0.06	0.5	18.9	0.7	<1	37.6	0.06	18.8	9.93	1.3	7.2	2.2
2679957	Rock	0.074	29.6	94	1.69	771	0.390	8.03	3.076	1.56	1.9	92.9	0.7	1	19.8	<0.04	14.1	66.98	8.2	29.0	4.9
2679958	Rock	0.040	3.4	98	3.67	56	0.685	7.72	1.610	0.21	0.2	12.0	0.7	<1	44.6	<0.04	22.2	10.04	1.4	8.5	2.6
2679959	Rock	0.021	2.4	289	5.06	14	0.489	7.91	1.282	0.03	0.3	13.7	0.5	<1	48.2	<0.04	14.8	6.40	0.9	5.4	1.8
2679960	Rock	0.077	24.8	102	1.65	440	0.416	7.43	2.611	0.92	0.7	57.3	0.8	<1	20.3	0.06	14.5	58.19	7.0	25.1	4.6
2679961	Rock	0.021	2.3	215	4.88	22	0.465	7.33	1.613	0.04	0.5	22.5	0.7	<1	42.0	<0.04	12.6	5.89	0.9	4.3	1.7
2679962	Rock	0.024	3.0	173	4.78	73	0.406	7.45	2.799	0.11	0.5	17.6	0.4	<1	42.3	<0.04	12.7	7.54	0.9	5.4	1.6
2679963	Rock	0.020	1.6	277	3.72	42	0.225	6.09	2.228	0.07	0.4	17.7	0.3	<1	29.2	<0.04	7.3	4.41	0.5	2.9	1.1
2679964	Rock Pulp	0.055	4.0	17	2.12	84	0.285	7.80	2.311	1.52	3.2	1.2	1.4	<1	22.3	0.82	9.4	11.06	1.3	7.5	1.9
2679965	Rock	0.032	1.6	17	3.51	19	0.587	7.48	2.718	0.04	0.9	7.1	0.3	<1	52.7	0.32	15.7	4.45	0.5	4.2	1.5
2679966	Rock	0.021	2.4	262	4.52	21	0.430	7.84	1.572	0.05	0.2	13.2	0.4	<1	44.7	<0.04	14.4	5.80	0.8	4.2	1.4
2679967	Rock	0.051	7.2	33	2.56	78	0.807	7.00	1.126	0.20	1.0	22.9	0.8	<1	40.9	0.18	25.8	17.84	2.3	12.0	3.1
2679968	Rock	0.098	20.2	37	1.77	68	0.561	7.49	4.542	0.17	0.4	94.4	0.7	1	16.2	<0.04	11.9	48.08	5.8	23.1	4.2
2679969	Rock	0.046	4.9	57	2.84	120	0.826	7.27	1.973	0.19	0.5	23.5	0.8	<1	44.5	<0.04	26.1	14.22	2.0	10.0	3.0

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Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
2679801	Rock	0.8	2.4	0.4	3.1	0.7	2.2	0.3	2.2	0.3	0.89	12.9	2.8	0.1	1.76	0.3	14.95	0.07	<0.002	0.3	1.48
2679802	Rock	0.4	1.5	0.2	1.5	0.3	1.0	0.1	1.4	0.1	0.76	13.6	0.9	0.2	2.54	0.1	16.81	0.06	<0.002	<0.3	1.40
2679942	Rock	0.5	2.2	0.3	2.6	0.4	1.7	0.2	1.4	0.2	0.51	11.9	3.5	<0.1	1.36	0.2	14.01	0.06	<0.002	<0.3	1.92
2679943	Rock	0.6	2.1	0.3	2.7	0.5	1.6	0.2	1.7	0.2	0.61	13.4	2.5	<0.1	1.36	0.2	15.72	0.06	<0.002	<0.3	0.78
2679944	Rock	0.6	1.9	0.3	2.6	0.5	1.9	0.2	1.6	0.2	0.48	12.1	1.4	0.1	1.34	0.1	14.85	0.04	<0.002	<0.3	2.16
2679945	Rock	0.2	0.7	<0.1	1.3	0.2	0.7	<0.1	0.7	<0.1	0.15	8.1	1.0	<0.1	0.31	<0.1	6.65	<0.01	<0.002	<0.3	1.93
2679946	Rock	0.5	2.1	0.2	2.5	0.5	1.7	0.2	1.6	0.1	0.45	28.6	1.0	<0.1	1.30	0.1	13.47	0.06	0.003	<0.3	3.01
2679947	Rock	0.6	2.0	0.2	2.6	0.5	2.0	0.3	1.5	0.2	0.46	11.4	0.8	<0.1	1.28	<0.1	15.57	0.06	0.003	<0.3	1.90
2679948	Rock	0.4	0.8	<0.1	0.5	<0.1	0.2	<0.1	0.1	<0.1	2.07	2.5	45.3	<0.1	1.34	2.0	20.49	<0.01	<0.002	<0.3	<0.05
2679949	Rock	1.0	3.2	0.4	2.8	0.5	1.6	0.2	1.4	0.2	1.27	14.2	15.7	0.2	3.26	0.5	18.18	0.05	0.003	<0.3	0.74
2679950	Rock Chip	1.0	3.6	0.3	2.4	0.5	1.6	0.3	1.6	0.2	0.79	31.5	125.5	1.4	22.30	4.0	18.53	0.03	<0.002	<0.3	0.22
2679951	Rock	0.7	2.1	0.3	1.8	0.4	1.3	0.2	1.1	0.2	2.85	44.8	57.0	0.1	1.81	2.5	22.02	0.04	0.003	<0.3	<0.05
2679952	Rock	1.4	3.8	0.3	2.4	0.4	1.2	0.1	1.0	0.1	3.14	13.7	50.2	0.3	4.17	2.3	19.04	0.03	<0.002	<0.3	0.21
2679953	Rock	0.9	3.5	0.5	4.0	0.8	2.8	0.4	2.4	0.4	2.14	16.0	39.6	0.3	4.60	2.0	16.37	0.08	<0.002	<0.3	1.87
2679954	Rock	0.7	2.0	0.3	2.6	0.6	1.8	0.3	1.6	0.2	0.67	18.7	2.6	<0.1	1.29	0.3	15.26	0.05	0.005	<0.3	1.85
2679955	Rock	0.6	2.3	0.3	3.0	0.6	2.0	0.2	1.7	0.2	0.58	14.1	0.6	<0.1	1.19	0.1	16.10	0.07	<0.002	<0.3	0.90
2679956	Rock	0.8	3.1	0.4	3.4	0.8	2.3	0.3	1.9	0.2	0.57	27.0	1.3	0.2	2.44	0.2	13.02	0.07	<0.002	0.3	2.91
2679957	Rock	1.3	3.8	0.4	2.6	0.5	1.3	0.2	1.1	0.2	2.15	19.8	41.8	0.3	5.79	0.9	18.94	0.05	<0.002	<0.3	0.35
2679958	Rock	1.0	4.0	0.5	4.2	0.9	2.7	0.4	2.2	0.3	0.70	17.3	4.8	0.1	2.58	0.2	16.89	0.06	<0.002	<0.3	0.94
2679959	Rock	0.6	2.4	0.3	2.9	0.6	1.9	0.3	1.8	0.2	0.54	15.2	0.5	<0.1	1.35	<0.1	14.03	0.06	<0.002	<0.3	1.86
2679960	Rock	1.3	4.1	0.5	2.7	0.5	1.6	0.2	1.4	0.2	1.51	18.0	24.5	0.3	4.44	0.5	16.68	0.04	<0.002	<0.3	0.25
2679961	Rock	0.7	2.0	0.2	2.5	0.5	1.4	0.2	1.4	0.2	0.65	13.6	0.9	<0.1	1.23	0.2	14.86	0.06	<0.002	<0.3	1.90
2679962	Rock	0.5	2.1	0.2	2.4	0.5	1.6	0.2	1.3	0.2	0.54	25.6	2.1	0.1	1.58	0.2	13.99	0.07	0.003	<0.3	2.79
2679963	Rock	0.3	1.2	<0.1	1.5	0.3	0.8	0.1	0.8	0.1	0.26	26.1	1.7	<0.1	0.75	0.1	9.87	0.03	<0.002	<0.3	1.63
2679964	Rock Pulp	0.7	2.2	0.2	2.0	0.3	1.1	0.1	0.9	0.1	0.04	6.3	29.3	<0.1	0.59	0.7	17.81	<0.01	0.304	6.3	0.43
2679965	Rock	0.6	2.0	0.3	3.4	0.7	2.2	0.3	2.1	0.3	0.34	25.2	0.8	0.1	1.37	0.2	15.33	0.05	<0.002	<0.3	0.65
2679966	Rock	0.5	2.0	0.2	2.7	0.6	2.0	0.2	1.6	0.2	0.58	12.5	1.5	<0.1	1.25	<0.1	13.19	0.06	0.003	<0.3	1.20
2679967	Rock	1.1	3.9	0.5	4.6	1.0	2.7	0.5	2.5	0.4	0.99	17.6	8.8	0.2	3.30	0.4	21.47	0.10	0.004	0.5	1.27
2679968	Rock	1.4	4.1	0.3	2.4	0.4	1.3	0.2	1.1	0.2	2.25	9.7	4.4	0.2	3.24	0.4	21.11	0.06	0.003	<0.3	0.22
2679969	Rock	1.0	3.5	0.6	4.5	0.9	3.2	0.4	2.6	0.4	0.96	12.4	14.0	0.2	3.31	1.8	18.44	0.06	<0.002	0.3	1.14

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	MA250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Tl	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.05	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
2679801	Rock	<0.05	0.19	155.12	0.90	55.4	60	32.4	30.2	760	4.56	12.2	<0.1	0.8	0.1	9.2	0.11	0.07	0.02	115	1.62
2679802	Rock	<0.05	<0.01	73.48	0.54	87.1	29	79.4	49.2	1535	8.15	13.1	<0.1	0.4	<0.1	50.9	0.04	<0.02	<0.02	278	5.44
2679942	Rock	<0.05	0.10	49.36	0.41	38.2	16	53.8	21.1	525	3.16	2.9	<0.1	0.2	<0.1	8.5	0.05	0.13	<0.02	49	0.58
2679943	Rock	<0.05	0.10	65.17	0.38	39.3	23	56.9	21.8	534	3.24	3.3	<0.1	2.4	<0.1	8.0	0.06	0.13	<0.02	49	0.57
2679944	Rock	<0.05	0.09	101.35	0.24	46.3	27	82.3	30.0	802	3.71	3.6	<0.1	1.0	<0.1	10.5	0.07	0.24	<0.02	49	1.71
2679945	Rock	<0.05	0.10	27.88	1.05	22.4	31	24.4	10.3	892	2.07	<0.1	<0.1	0.6	<0.1	19.9	0.09	0.08	<0.02	32	7.50
2679946	Rock	<0.05	0.02	96.99	0.45	58.4	26	96.2	37.3	1308	5.58	1.6	<0.1	<0.2	<0.1	11.5	0.05	0.06	<0.02	107	2.70
2679947	Rock	<0.05	0.10	83.22	0.31	47.0	24	75.4	27.9	721	3.81	1.3	<0.1	<0.2	<0.1	7.4	0.10	0.20	<0.02	45	0.74
2679948	Rock	0.20	0.06	12.56	3.30	28.4	17	3.4	3.0	156	0.78	1.3	0.4	<0.2	1.3	12.4	0.05	0.07	0.08	4	0.49
2679949	Rock	<0.05	0.33	31.96	4.86	75.8	18	53.5	22.1	916	3.89	5.5	0.2	<0.2	1.2	45.1	0.08	0.09	0.05	63	1.10
2679950	Rock Chip	0.84	0.14	3.21	2.72	52.0	6	4.2	4.5	595	2.17	<0.1	1.4	<0.2	4.9	58.2	0.02	<0.02	0.04	36	0.46
2679951	Rock	0.38	0.20	37.31	4.56	92.4	31	60.9	22.6	713	3.63	9.1	0.4	1.2	2.6	19.4	0.13	0.16	0.14	34	0.59
2679952	Rock	0.24	0.19	23.13	4.52	71.0	25	41.7	14.4	501	2.70	10.8	0.4	<0.2	4.0	36.3	0.09	0.10	0.10	31	1.15
2679953	Rock	0.16	0.22	124.38	2.10	60.8	33	42.0	27.0	525	4.81	1.8	0.2	2.0	1.1	25.1	0.05	0.05	0.02	137	0.83
2679954	Rock	<0.05	0.06	69.05	0.91	43.1	16	94.3	27.1	655	3.92	3.1	<0.1	<0.2	<0.1	11.5	0.05	0.13	<0.02	57	0.71
2679955	Rock	<0.05	0.05	108.93	2.48	53.1	33	102.7	33.3	791	3.97	<0.1	<0.1	0.4	<0.1	17.1	0.12	0.10	<0.02	52	1.40
2679956	Rock	<0.05	0.07	59.18	0.32	46.6	12	118.2	32.3	749	4.02	6.3	<0.1	7.9	<0.1	11.4	0.05	0.12	<0.02	67	2.17
2679957	Rock	0.21	0.23	41.64	5.01	72.4	36	58.1	23.7	1252	4.48	5.0	0.6	<0.2	3.6	80.8	0.11	0.11	0.07	61	2.50
2679958	Rock	<0.05	0.06	107.64	0.32	87.6	27	87.4	43.2	1020	5.83	3.1	<0.1	<0.2	<0.1	17.3	0.12	0.11	<0.02	111	1.89
2679959	Rock	<0.05	0.06	95.49	0.22	47.6	31	74.6	28.8	638	3.73	7.1	<0.1	<0.2	<0.1	8.2	0.06	0.12	<0.02	47	0.65
2679960	Rock	0.10	0.27	52.11	4.58	69.8	45	58.5	24.0	999	4.02	6.5	0.3	2.6	2.0	72.1	0.05	0.16	0.05	47	2.16
2679961	Rock	<0.05	0.05	116.70	0.23	91.6	26	69.1	28.3	641	3.45	5.3	<0.1	1.3	<0.1	21.6	0.03	0.14	<0.02	61	2.16
2679962	Rock	<0.05	0.52	7.40	0.63	43.2	4	58.9	25.9	802	3.94	<0.1	<0.1	<0.2	0.2	20.0	0.05	<0.02	<0.02	125	3.35
2679963	Rock	<0.05	0.13	21.37	0.70	37.0	5	64.1	22.3	748	3.17	0.4	<0.1	<0.2	0.1	22.6	0.07	<0.02	<0.02	97	4.09
2679964	Rock Pulp	0.14	73.43	3654.37	5.18	77.5	662	10.4	11.2	231	3.34	26.6	<0.1	109.2	0.2	20.7	0.26	0.68	0.17	196	1.09
2679965	Rock	<0.05	0.11	71.64	1.57	66.1	97	26.3	36.8	949	5.72	0.6	<0.1	<0.2	<0.1	7.0	0.01	<0.02	0.02	178	1.10
2679966	Rock	<0.05	0.07	105.09	0.17	39.3	32	67.9	25.9	620	3.20	0.2	<0.1	0.6	<0.1	8.2	0.06	0.05	<0.02	45	1.17
2679967	Rock	<0.05	0.69	115.49	1.50	93.3	42	33.2	34.3	1079	5.80	5.7	<0.1	1.3	0.3	39.1	0.18	0.17	0.03	116	2.49
2679968	Rock	<0.05	0.07	26.31	1.52	68.2	5	33.5	17.2	589	3.41	2.5	0.3	<0.2	2.0	31.4	0.12	0.08	<0.02	67	1.02
2679969	Rock	<0.05	0.03	121.60	1.04	90.3	40	35.8	32.5	974	5.68	6.8	<0.1	1.1	0.1	15.2	0.12	0.09	<0.02	98	0.93

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	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
2679801	Rock	0.026	1.3	57.7	1.76	7.9	0.202	<20	2.27	0.022	0.01	0.2	6.2	<0.02	0.09	<5	0.3	0.06	7.5
2679802	Rock	0.033	1.3	90.3	2.67	9.9	0.020	<20	4.19	0.011	<0.01	<0.1	28.8	<0.02	0.05	<5	0.1	<0.02	15.4
2679942	Rock	0.016	<0.5	172.9	1.51	7.2	0.191	<20	1.98	<0.001	0.01	<0.1	3.5	<0.02	<0.02	<5	<0.1	<0.02	2.5
2679943	Rock	0.017	<0.5	169.1	1.51	5.7	0.176	<20	1.99	<0.001	<0.01	0.1	3.5	<0.02	<0.02	5	0.1	0.05	2.8
2679944	Rock	0.014	<0.5	157.9	1.75	10.2	0.140	<20	2.24	<0.001	<0.01	0.1	3.1	<0.02	0.06	<5	0.2	0.03	2.8
2679945	Rock	0.005	<0.5	55.4	0.96	6.4	0.035	<20	1.12	<0.001	<0.01	<0.1	2.2	<0.02	<0.02	<5	<0.1	<0.02	2.2
2679946	Rock	0.018	0.8	233.0	3.31	7.1	0.114	<20	3.75	<0.001	<0.01	0.1	6.3	<0.02	<0.02	<5	<0.1	0.03	6.2
2679947	Rock	0.015	<0.5	150.6	1.66	7.3	0.152	<20	2.16	<0.001	<0.01	<0.1	2.9	<0.02	0.03	<5	0.2	<0.02	2.9
2679948	Rock	0.021	4.7	5.5	0.11	55.4	0.038	<20	0.41	0.049	0.14	0.1	0.9	<0.02	<0.02	<5	<0.1	<0.02	2.7
2679949	Rock	0.051	6.2	92.0	1.56	22.2	0.145	<20	2.12	0.013	0.05	0.1	4.1	<0.02	<0.02	<5	<0.1	<0.02	6.2
2679950	Rock Chip	0.075	9.8	12.0	0.58	229.2	0.134	<20	1.00	0.080	0.50	0.1	2.6	0.30	<0.02	<5	<0.1	<0.02	5.2
2679951	Rock	0.043	13.6	43.2	1.07	36.6	0.002	<20	2.18	0.035	0.13	<0.1	3.9	0.03	0.02	8	<0.1	0.04	7.1
2679952	Rock	0.093	30.1	38.3	0.82	36.4	0.065	<20	1.37	0.030	0.10	<0.1	2.6	0.02	<0.02	10	<0.1	<0.02	6.4
2679953	Rock	0.042	4.7	14.0	1.29	45.9	0.255	<20	2.02	0.085	0.11	<0.1	4.7	0.03	0.07	<5	0.4	0.04	7.6
2679954	Rock	0.018	0.6	144.3	2.07	6.9	0.147	<20	2.45	<0.001	0.01	0.1	3.1	<0.02	<0.02	<5	0.1	0.04	4.7
2679955	Rock	0.018	<0.5	129.6	1.73	4.6	0.178	<20	2.32	0.011	<0.01	<0.1	3.2	<0.02	<0.02	<5	<0.1	<0.02	3.3
2679956	Rock	0.022	0.8	360.8	2.53	5.3	0.144	<20	2.62	<0.001	0.02	0.1	4.0	<0.02	0.06	<5	<0.1	<0.02	5.1
2679957	Rock	0.067	14.5	76.1	1.52	43.3	0.109	<20	2.38	0.027	0.11	0.5	4.4	<0.02	<0.02	<5	<0.1	0.02	8.0
2679958	Rock	0.035	0.6	87.7	2.76	4.5	0.213	<20	3.40	<0.001	<0.01	0.1	4.9	<0.02	<0.02	<5	<0.1	<0.02	7.4
2679959	Rock	0.016	<0.5	181.9	1.86	3.0	0.174	<20	2.36	0.003	<0.01	0.1	3.6	<0.02	<0.02	<5	<0.1	0.05	2.6
2679960	Rock	0.068	8.6	85.4	1.45	23.0	0.097	<20	2.07	0.014	0.05	0.2	2.9	<0.02	0.06	<5	<0.1	<0.02	5.9
2679961	Rock	0.018	0.5	132.5	1.97	4.6	0.179	<20	2.24	0.008	<0.01	0.2	3.2	<0.02	<0.02	<5	<0.1	0.03	3.9
2679962	Rock	0.022	2.3	141.4	2.83	10.0	0.080	<20	2.67	0.016	0.01	<0.1	12.2	<0.02	<0.02	<5	<0.1	0.04	7.5
2679963	Rock	0.019	1.1	267.8	2.75	9.6	0.053	<20	2.36	0.018	<0.01	<0.1	18.9	<0.02	<0.02	<5	<0.1	<0.02	6.2
2679964	Rock Pulp	0.050	2.8	17.5	1.80	20.3	0.052	<20	2.39	0.116	0.61	0.9	12.7	0.10	0.82	16	6.6	0.15	7.5
2679965	Rock	0.029	<0.5	11.1	2.78	9.6	0.085	<20	2.86	0.006	<0.01	0.1	7.9	<0.02	0.30	<5	0.3	0.15	8.0
2679966	Rock	0.015	<0.5	157.8	1.48	4.5	0.161	<20	1.94	0.013	<0.01	<0.1	3.3	<0.02	0.03	<5	0.1	0.03	2.2
2679967	Rock	0.044	2.6	23.9	1.73	16.3	0.202	<20	2.69	<0.001	0.02	0.2	4.4	<0.02	0.16	<5	0.6	0.07	8.9
2679968	Rock	0.084	15.0	33.6	1.21	9.6	0.109	<20	1.67	0.051	0.01	0.2	4.3	<0.02	<0.02	<5	0.1	0.03	9.7
2679969	Rock	0.041	1.1	39.2	1.57	61.5	0.159	<20	2.40	0.002	0.06	0.2	3.1	<0.02	<0.02	<5	0.2	0.03	7.5

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000015.1

Method		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	1	0.02	0.02	0.04	1	0.02
2679970	Rock	2.84	0.007	0.17	126.76	1.68	114.7	95	95.8	54.4	1474	9.58	22.1	0.1	0.5	150	0.08	0.34	<0.04	341	5.62
2679971	Rock	4.50	<0.005	0.17	65.52	2.65	83.7	91	302.3	60.5	1111	6.90	48.7	0.2	0.8	121	0.14	0.14	<0.04	197	2.66
2679972	Rock	3.78	<0.005	0.82	13.33	1.74	102.1	98	350.8	56.5	765	7.07	52.8	0.3	0.3	99	0.14	0.26	<0.04	218	3.24
2679973	Rock	4.75	0.008	0.09	58.07	2.25	57.9	88	293.8	40.7	731	4.90	112.5	0.3	1.1	100	0.08	0.32	0.14	113	2.52
2679974	Rock	4.50	0.057	1.02	34.42	3.84	36.7	72	323.4	29.2	502	3.33	106.1	0.4	2.2	187	0.09	0.58	0.08	64	2.71
2679975	Rock	5.04	0.018	0.85	448.04	15.86	15.1	251	835.9	366.2	239	5.20	19.7	0.6	3.0	44	0.11	0.74	0.17	88	2.38
2679976	Rock	3.46	0.019	1.42	1945.70	2.32	38.1	578	1234.2	117.0	268	4.68	17.0	1.8	3.9	110	0.23	0.06	0.07	179	4.26
2679977	Rock	3.63	0.009	0.49	1004.00	1.68	95.3	546	1339.6	164.2	180	5.05	6.9	0.9	2.8	69	0.52	0.03	0.12	111	2.70
2679978	Rock	5.94	0.008	0.39	1046.63	2.48	45.5	350	>10000	359.1	524	6.31	6.8	0.2	1.3	122	0.13	0.11	0.18	204	7.02
2679979	Rock	3.74	<0.005	0.12	134.95	1.73	60.1	145	140.7	72.4	1032	9.72	13.5	<0.1	0.1	164	0.09	0.13	<0.04	294	6.08
2679980	Rock Chip	1.47	<0.005	0.14	4.40	20.02	62.8	<20	14.8	5.2	790	2.53	1.7	3.2	9.4	707	0.04	0.02	0.06	52	2.25
2679981	Rock	3.19	<0.005	1.03	124.48	2.96	152.4	145	46.9	46.0	1679	9.89	1.1	0.1	0.5	78	0.10	0.06	<0.04	350	4.85
2679982	Rock	3.95	0.007	0.20	131.84	1.08	148.5	55	46.2	51.4	1482	9.94	1.9	0.1	0.7	26	0.09	<0.02	<0.04	382	4.10
2679983	Rock	4.54	<0.005	0.22	5.92	0.51	36.5	165	1879.0	103.5	516	5.26	1.1	<0.1	<0.1	9	0.10	<0.02	0.05	30	0.75
2679984	Rock	3.94	<0.005	0.18	6.23	0.47	46.9	152	1991.5	110.3	467	5.23	1.4	<0.1	<0.1	5	0.04	<0.02	<0.04	31	0.42
2679985	Rock	4.30	0.152	15.95	124.49	3.31	178.8	777	478.4	60.4	1284	6.71	0.6	<0.1	<0.1	76	0.14	0.02	0.36	167	1.95
2679986	Rock	3.81	0.136	1.41	47.10	2.82	83.4	578	223.9	46.5	1050	5.62	0.3	<0.1	0.1	108	0.07	0.02	0.09	122	3.18
2679987	Rock	3.35	<0.005	0.10	15.36	6.71	61.4	71	30.4	13.2	489	2.62	2.5	1.0	4.3	392	0.07	0.25	<0.04	68	2.99
2679988	Rock	4.70	<0.005	0.06	20.74	5.33	80.6	69	23.3	12.0	426	2.71	2.0	0.9	3.3	371	0.07	0.13	<0.04	59	1.30
2679989	Rock	3.21	<0.005	0.38	14.45	2.92	120.1	50	86.8	26.1	1301	6.00	24.4	0.5	2.6	108	0.20	0.18	<0.04	108	6.47
2679990	Rock	5.99	0.012	0.48	1535.07	2.46	21.0	437	4888.6	283.2	360	6.79	5.2	0.4	3.1	102	0.14	0.11	<0.04	207	5.47
2679991	Rock	5.99	0.012	0.86	381.89	6.88	123.4	179	1509.9	179.3	664	7.01	80.3	0.8	2.6	534	0.39	0.46	0.10	169	14.56
2679992	Rock	2.49	<0.005	0.33	79.33	0.96	17.2	138	438.8	55.8	427	4.26	3.0	0.1	1.1	58	0.04	0.04	<0.04	288	4.46
2679993	Rock Pulp	0.07	0.980	13.71	5520.30	4810.26	>10000	71703	30.9	33.2	639	21.39	1790.3	2.5	1.8	47	155.15	185.43	28.81	55	1.97
2679994	Rock	4.54	<0.005	<0.05	5.92	2.82	30.8	39	7.8	5.2	169	1.14	0.9	0.7	2.6	98	0.05	0.10	<0.04	40	0.58
2679995	Rock Chip	1.55	<0.005	0.15	5.74	20.46	67.1	<20	5.9	5.4	777	2.44	1.1	2.9	8.3	722	0.03	0.04	0.04	51	2.31
2679996	Rock	3.40	0.009	<0.05	1.34	2.85	125.3	324	2133.7	111.9	948	6.09	1718.5	<0.1	<0.1	179	0.19	1.91	0.15	53	2.86
2679997	Rock	2.58	<0.005	0.20	85.43	1.06	97.7	62	152.6	49.1	1314	8.13	11.9	<0.1	0.2	100	0.13	0.47	<0.04	277	6.49
2679998	Rock	4.80	<0.005	0.65	44.11	7.27	78.6	240	43.0	16.4	634	2.84	15.0	0.6	2.4	236	0.15	0.37	<0.04	82	2.14
2679999	Rock	3.40	<0.005	0.08	133.45	0.61	103.3	93	76.8	54.4	1726	9.79	18.6	<0.1	0.2	65	0.10	0.13	<0.04	321	4.45

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
2679970	Rock	0.039	4.9	156	3.33	34	0.709	7.77	1.220	0.12	0.9	25.4	0.7	<1	40.5	<0.04	21.4	13.30	1.9	8.9	3.1
2679971	Rock	0.027	5.2	615	5.29	70	0.171	6.97	2.090	0.38	1.2	33.5	0.3	<1	35.0	<0.04	6.0	12.52	1.5	7.6	1.7
2679972	Rock	0.015	5.1	684	7.72	181	0.100	6.84	0.673	1.13	1.8	35.5	0.3	<1	42.0	<0.04	3.0	11.24	1.2	6.2	1.3
2679973	Rock	0.023	7.0	703	5.46	116	0.119	4.74	1.816	0.94	2.7	33.0	0.2	<1	18.0	0.09	2.6	14.99	1.9	7.1	1.3
2679974	Rock	0.053	15.1	496	4.36	111	0.120	5.77	3.860	0.59	3.1	63.7	0.2	<1	10.9	0.17	3.4	31.58	3.6	15.0	2.3
2679975	Rock	0.164	7.2	26	1.80	41	0.210	5.42	4.583	0.35	0.4	78.8	0.8	<1	5.8	2.63	10.1	18.11	2.0	7.5	1.9
2679976	Rock	0.200	15.9	16	4.35	35	0.386	6.39	5.095	0.14	0.3	195.0	1.7	2	14.0	1.08	25.3	40.47	4.7	21.8	5.1
2679977	Rock	0.186	9.6	37	2.44	7	0.322	5.88	4.996	0.05	0.4	115.3	1.1	1	12.1	2.04	12.9	26.89	3.2	13.4	2.9
2679978	Rock	0.009	6.7	17	4.81	23	0.488	6.74	3.375	0.09	1.3	81.3	0.6	<1	14.6	2.14	17.3	14.77	1.9	9.1	2.7
2679979	Rock	0.036	3.3	256	5.00	55	0.551	8.07	2.171	0.41	0.4	22.1	1.3	<1	43.4	0.04	16.8	7.56	1.1	6.1	2.0
2679980	Rock Chip	0.080	30.7	9	0.68	994	0.255	7.21	2.673	3.09	0.4	15.0	1.4	2	5.6	<0.04	15.8	63.12	7.1	29.2	5.1
2679981	Rock	0.046	5.0	36	2.92	35	0.813	6.64	2.255	0.24	0.3	14.4	0.7	<1	39.9	0.25	24.2	13.46	1.8	9.9	2.8
2679982	Rock	0.045	6.8	37	3.15	72	0.883	7.13	2.404	0.31	0.7	10.7	0.8	<1	46.1	0.05	27.2	15.75	2.4	10.8	3.3
2679983	Rock	0.006	1.3	2665	15.02	5	0.006	0.95	0.009	<0.02	0.4	0.7	<0.1	<1	7.5	<0.04	1.0	1.44	0.2	1.3	0.2
2679984	Rock	0.004	1.4	2929	15.36	5	0.006	1.01	0.006	<0.02	0.5	1.0	<0.1	<1	8.5	<0.04	0.9	1.31	0.2	1.2	0.3
2679985	Rock	0.005	1.1	819	7.25	142	0.043	4.61	0.842	1.79	3.4	8.4	0.2	<1	30.5	1.66	1.3	2.79	0.3	2.1	0.6
2679986	Rock	0.010	1.1	477	5.68	112	0.072	5.20	2.071	0.79	4.4	8.6	0.2	<1	24.1	0.98	1.4	2.93	0.3	2.2	0.7
2679987	Rock	0.067	22.9	30	1.04	422	0.318	7.83	3.767	1.23	0.5	87.4	0.6	1	8.1	<0.04	7.4	51.69	6.2	24.3	3.8
2679988	Rock	0.046	15.6	27	0.84	543	0.256	7.96	3.973	1.55	0.5	116.6	0.7	2	7.7	<0.04	6.5	35.40	3.8	14.9	2.8
2679989	Rock	0.070	18.3	208	2.18	120	0.176	4.86	1.247	0.43	0.1	76.0	0.6	<1	20.2	<0.04	7.4	42.12	5.3	21.5	4.4
2679990	Rock	0.190	7.7	27	3.77	31	0.419	6.58	4.172	0.11	0.6	103.3	0.6	1	13.9	2.48	20.0	19.76	2.6	13.1	3.4
2679991	Rock	0.017	13.9	21	2.67	88	0.505	10.41	0.154	0.43	0.5	100.0	1.5	1	16.2	0.16	19.6	28.79	3.4	15.0	3.5
2679992	Rock	0.021	8.2	255	6.05	685	0.545	8.28	1.383	3.11	1.0	22.2	1.8	<1	39.3	0.13	15.7	23.59	2.8	11.3	2.5
2679993	Rock Pulp	0.031	6.9	72	1.49	7	0.067	2.33	0.065	0.50	1.3	23.4	46.4	<1	4.2	>10	6.4	15.65	2.0	9.1	1.9
2679994	Rock	0.026	8.6	13	0.34	365	0.137	6.79	5.841	0.96	3.3	96.3	0.6	<1	2.7	<0.04	2.1	19.58	2.0	7.1	1.2
2679995	Rock Chip	0.085	24.5	17	0.64	1094	0.261	7.50	2.753	3.09	3.5	16.2	1.4	2	5.5	<0.04	14.5	56.81	6.1	22.0	3.6
2679996	Rock	<0.001	0.7	2378	18.52	85	0.015	1.27	0.024	0.59	5.9	6.0	0.1	<1	5.5	0.07	2.2	1.95	0.1	1.2	0.4
2679997	Rock	0.027	2.7	250	4.37	30	0.576	8.24	1.285	0.08	0.7	19.0	0.5	<1	41.6	0.07	18.8	7.30	1.1	6.8	2.0
2679998	Rock	0.042	11.5	70	0.77	362	0.285	7.26	2.729	1.51	0.4	95.2	0.6	<1	11.1	0.12	8.0	26.88	2.8	11.2	2.2
2679999	Rock	0.029	2.6	208	5.14	281	0.598	7.75	1.253	0.94	1.1	21.9	0.4	<1	51.6	<0.04	16.8	7.35	1.0	5.3	1.8

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
2679970	Rock	0.9	3.1	0.5	4.0	0.8	2.6	0.3	2.3	0.4	0.63	22.9	4.5	0.2	2.93	0.2	18.16	0.08	0.003	<0.3	1.95
2679971	Rock	0.5	1.3	<0.1	1.1	0.2	0.7	<0.1	0.8	0.1	0.88	29.6	16.2	<0.1	0.75	0.4	14.40	0.05	<0.002	<0.3	1.66
2679972	Rock	0.4	1.1	<0.1	0.6	0.1	0.4	<0.1	0.5	<0.1	1.27	44.8	61.3	<0.1	0.38	1.0	14.39	0.02	<0.002	<0.3	4.16
2679973	Rock	0.4	1.0	0.2	0.7	0.1	0.4	<0.1	0.3	<0.1	1.02	10.5	40.9	<0.1	0.48	0.6	9.95	0.04	<0.002	<0.3	1.93
2679974	Rock	0.7	1.7	0.1	0.8	0.1	0.4	<0.1	0.4	<0.1	1.58	5.8	25.0	<0.1	0.80	0.4	10.57	0.02	<0.002	<0.3	3.13
2679975	Rock	0.6	1.5	0.2	1.6	0.3	1.2	0.2	1.1	0.1	2.14	0.7	8.8	0.3	3.72	<0.1	11.66	0.05	0.010	6.3	0.81
2679976	Rock	1.4	5.0	0.8	5.6	1.0	2.7	0.4	2.8	0.3	4.77	2.3	2.6	0.6	9.47	<0.1	19.27	0.15	0.008	3.0	3.10
2679977	Rock	0.9	3.5	0.4	2.9	0.5	1.5	0.2	1.4	0.2	2.99	1.4	0.8	0.3	5.36	<0.1	15.58	0.05	0.006	4.8	0.76
2679978	Rock	0.6	3.3	0.4	3.6	0.7	2.0	0.3	1.6	0.2	2.08	1.0	1.4	0.4	5.28	0.1	12.34	0.07	0.015	7.4	6.94
2679979	Rock	0.7	2.7	0.4	3.1	0.7	1.9	0.3	1.8	0.3	0.76	14.3	15.8	0.1	1.64	1.3	15.49	0.07	0.005	0.7	1.37
2679980	Rock Chip	1.2	4.4	0.5	3.1	0.6	1.7	0.2	1.8	0.2	0.81	33.3	134.1	1.5	23.19	4.3	17.72	0.04	<0.002	<0.3	0.18
2679981	Rock	1.0	4.0	0.6	4.3	0.9	2.7	0.4	2.6	0.3	0.75	10.0	4.3	0.2	3.25	0.3	15.56	0.09	<0.002	1.0	1.88
2679982	Rock	1.2	4.3	0.8	5.8	1.1	3.1	0.4	2.9	0.4	0.31	24.9	15.6	0.2	3.85	4.2	17.14	0.10	<0.002	0.4	0.87
2679983	Rock	<0.1	0.2	<0.1	0.3	<0.1	0.1	<0.1	0.1	<0.1	0.02	13.2	0.2	<0.1	<0.04	<0.1	2.09	0.01	<0.002	0.4	6.25
2679984	Rock	<0.1	0.3	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	13.5	0.3	<0.1	0.05	<0.1	2.25	<0.01	<0.002	0.3	6.85
2679985	Rock	0.2	0.5	<0.1	0.2	<0.1	0.2	<0.1	0.2	<0.1	0.23	13.9	49.9	<0.1	0.11	1.6	9.13	0.04	0.003	0.4	8.13
2679986	Rock	0.2	0.5	<0.1	0.4	<0.1	0.1	<0.1	0.2	<0.1	0.28	23.0	27.3	<0.1	0.21	0.9	9.14	0.02	0.003	0.4	3.95
2679987	Rock	1.1	2.8	0.2	1.9	0.3	0.7	0.1	0.8	<0.1	2.54	17.0	33.2	0.2	3.31	1.0	22.85	0.02	<0.002	<0.3	0.20
2679988	Rock	0.8	2.3	0.2	1.3	0.2	0.6	<0.1	0.6	0.1	3.21	10.9	47.0	0.2	2.70	1.9	19.52	0.02	<0.002	<0.3	<0.05
2679989	Rock	1.3	2.7	0.3	1.3	0.2	0.9	0.1	1.1	0.2	2.01	9.6	12.4	<0.1	1.62	0.3	12.23	0.06	<0.002	<0.3	2.00
2679990	Rock	0.7	3.9	0.5	3.7	0.7	2.2	0.3	1.9	0.2	2.77	1.9	2.3	0.4	4.25	0.1	15.18	0.08	0.016	2.4	2.41
2679991	Rock	1.0	3.6	0.4	3.5	0.7	2.3	0.3	2.0	0.3	3.01	3.6	11.8	0.5	6.73	0.1	24.47	0.05	0.006	0.8	2.62
2679992	Rock	0.7	3.4	0.5	3.6	0.6	2.0	0.2	1.8	0.2	0.71	27.4	53.1	0.1	3.81	0.6	19.50	0.13	0.006	0.4	2.28
2679993	Rock Pulp	0.5	1.8	0.1	1.2	0.3	0.8	<0.1	0.7	<0.1	0.77	16.1	19.8	0.1	1.97	0.9	10.80	6.58	0.015	93.6	0.31
2679994	Rock	0.3	1.1	<0.1	0.5	<0.1	0.2	<0.1	0.2	<0.1	2.71	3.8	25.1	<0.1	1.17	0.4	19.01	0.02	<0.002	<0.3	<0.05
2679995	Rock Chip	1.0	4.2	0.4	2.8	0.5	1.7	0.2	1.7	0.3	0.81	33.9	122.8	1.5	24.11	4.1	19.32	0.03	<0.002	<0.3	0.19
2679996	Rock	0.2	0.5	<0.1	0.5	<0.1	0.3	<0.1	0.2	<0.1	0.17	11.2	30.7	<0.1	0.06	0.8	5.02	0.02	<0.002	0.4	10.53
2679997	Rock	0.7	3.2	0.3	3.5	0.7	2.3	0.3	2.1	0.3	0.87	24.1	2.3	0.1	2.03	0.2	15.81	0.07	<0.002	0.3	1.02
2679998	Rock	0.6	2.0	0.3	1.8	0.3	1.1	0.1	0.9	0.1	2.62	21.2	47.5	0.2	3.16	2.2	16.57	0.04	<0.002	<0.3	0.11
2679999	Rock	0.7	2.7	0.4	3.2	0.6	1.9	0.3	2.0	0.3	0.74	34.9	20.3	0.1	1.74	0.5	17.96	0.07	<0.002	<0.3	0.82

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	Method	MA250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Tl	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.05	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
2679970	Rock	<0.05	0.15	113.84	0.40	93.4	42	74.8	40.3	1123	6.67	18.5	<0.1	<0.2	<0.1	18.1	0.05	0.08	<0.02	132	1.69
2679971	Rock	<0.05	0.18	51.33	1.22	51.1	31	187.7	39.8	933	5.08	39.9	<0.1	<0.2	0.3	46.6	0.06	<0.02	<0.02	86	1.85
2679972	Rock	0.21	0.57	10.87	0.99	52.7	14	225.6	41.3	660	5.24	43.7	<0.1	<0.2	0.2	70.3	0.05	0.04	<0.02	89	3.06
2679973	Rock	0.21	0.10	51.50	1.04	21.6	22	242.4	39.1	701	4.42	109.4	<0.1	3.7	0.7	55.0	0.04	0.16	0.07	30	2.50
2679974	Rock	0.12	0.91	27.92	1.42	15.8	28	273.3	26.1	480	2.95	97.7	0.1	22.3	1.4	75.2	0.03	0.41	0.07	17	2.56
2679975	Rock	0.06	0.77	450.88	15.99	6.5	208	853.7	350.1	63	3.85	23.8	0.3	19.9	2.2	3.8	0.08	0.66	0.19	11	0.64
2679976	Rock	<0.05	1.18	1884.62	1.32	17.2	497	1127.8	101.8	47	2.42	25.1	0.6	15.1	2.2	6.8	0.13	0.03	0.11	26	0.61
2679977	Rock	<0.05	0.46	998.40	1.22	69.0	456	1332.9	141.8	42	3.46	5.6	0.4	24.8	1.7	3.9	0.41	<0.02	0.17	16	0.48
2679978	Rock	<0.05	0.31	990.75	0.98	6.6	283	9144.7	310.1	49	2.83	8.8	<0.1	8.3	0.4	7.5	0.09	0.05	0.21	21	0.45
2679979	Rock	<0.05	0.12	118.66	0.49	27.0	66	87.2	36.8	415	4.49	13.3	<0.1	2.4	<0.1	12.3	0.05	<0.02	<0.02	72	0.46
2679980	Rock Chip	0.87	0.10	3.46	2.46	48.7	9	10.4	4.5	573	2.09	0.6	1.2	1.4	4.1	49.9	0.01	<0.02	0.04	35	0.45
2679981	Rock	<0.05	0.70	106.25	0.95	61.5	91	25.9	25.0	560	3.81	0.9	<0.1	1.6	0.2	5.0	0.02	<0.02	<0.02	74	0.51
2679982	Rock	0.06	0.19	111.75	0.35	109.4	25	37.3	41.6	1294	8.36	0.4	<0.1	5.6	0.4	7.0	0.05	<0.02	<0.02	298	3.06
2679983	Rock	<0.05	0.23	5.32	0.17	<0.1	14	980.5	71.6	459	4.39	0.1	<0.1	1.5	<0.1	7.0	0.02	<0.02	0.08	11	0.68
2679984	Rock	<0.05	0.21	4.10	0.03	<0.1	14	1090.7	73.6	439	4.42	1.0	<0.1	1.0	<0.1	3.9	<0.01	0.02	0.07	13	0.39
2679985	Rock	0.31	15.18	109.34	2.05	120.9	655	315.9	50.1	1299	5.97	0.4	<0.1	130.7	<0.1	59.2	0.09	<0.02	0.43	15	1.89
2679986	Rock	0.13	1.28	41.94	1.36	56.1	386	156.8	37.5	973	4.77	0.2	<0.1	98.9	<0.1	65.2	0.08	<0.02	0.15	31	3.05
2679987	Rock	0.09	0.12	13.02	1.84	50.1	20	24.6	9.9	347	1.61	1.4	0.3	<0.2	2.5	47.9	0.02	0.07	0.02	17	0.96
2679988	Rock	0.21	0.10	19.18	1.04	66.4	11	19.8	10.7	388	2.13	1.5	0.3	0.5	1.7	31.6	0.03	0.03	0.05	13	0.94
2679989	Rock	0.15	0.37	10.74	1.44	93.1	15	69.3	21.4	1284	5.38	22.4	0.2	<0.2	1.7	52.6	0.17	0.05	<0.02	39	6.43
2679990	Rock	<0.05	0.34	1424.74	1.20	7.6	346	4494.1	242.9	48	4.22	2.8	<0.1	13.7	1.2	7.4	0.07	0.09	0.07	23	0.63
2679991	Rock	<0.05	0.62	358.99	1.12	19.5	114	1123.4	133.7	161	0.89	70.8	0.1	6.1	0.7	34.2	0.18	0.09	0.10	13	1.95
2679992	Rock	0.11	0.29	71.74	0.45	6.7	16	284.5	29.3	94	1.37	3.3	<0.1	1.4	0.6	4.5	0.02	<0.02	<0.02	32	0.43
2679993	Rock Pulp	17.52	12.76	5238.64	4419.64	>10000	59469	26.3	29.1	599	18.68	1829.0	1.7	343.1	0.5	31.9	141.30	136.68	30.17	24	1.85
2679994	Rock	0.14	0.07	2.90	0.89	22.2	9	6.9	3.3	140	0.96	0.6	0.3	2.4	1.8	7.8	0.02	<0.02	<0.02	15	0.54
2679995	Rock Chip	0.90	0.12	3.49	2.64	52.3	9	4.9	4.3	574	2.15	<0.1	1.3	1.3	4.8	54.5	0.02	<0.02	0.03	36	0.45
2679996	Rock	0.13	0.04	1.13	1.88	13.9	103	1931.1	96.6	916	5.45	2054.3	<0.1	5.6	<0.1	157.5	0.05	1.38	0.18	15	2.75
2679997	Rock	<0.05	0.12	72.24	0.58	56.4	29	107.2	34.7	725	4.56	10.0	<0.1	0.6	<0.1	8.7	0.07	0.05	<0.02	77	1.23
2679998	Rock	0.22	0.51	37.92	5.42	70.7	214	37.8	14.3	583	2.54	15.4	0.2	4.3	1.3	21.6	0.13	0.22	0.06	20	1.70
2679999	Rock	<0.05	0.07	103.13	0.22	64.2	40	55.4	38.7	1159	6.40	20.8	<0.1	0.8	<0.1	9.8	0.05	<0.02	<0.02	168	1.93

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	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
2679970	Rock	0.035	0.8	130.4	2.63	5.7	0.213	<20	3.41	<0.001	0.01	0.1	6.8	<0.02	0.03	<5	0.2	0.06	8.3
2679971	Rock	0.024	2.3	440.6	3.75	9.3	0.036	<20	2.41	0.009	0.03	0.3	13.8	<0.02	0.04	<5	0.1	0.04	5.4
2679972	Rock	0.015	2.5	406.2	5.64	14.2	0.004	<20	2.91	0.005	0.09	<0.1	15.1	<0.02	<0.02	<5	<0.1	<0.02	5.1
2679973	Rock	0.025	5.0	236.6	5.06	10.1	0.002	<20	0.96	0.016	0.08	<0.1	5.8	<0.02	0.08	<5	0.1	0.06	2.2
2679974	Rock	0.049	10.6	217.0	3.97	12.4	0.002	<20	0.56	0.048	0.07	0.1	4.8	<0.02	0.15	<5	<0.1	<0.02	1.3
2679975	Rock	0.175	6.1	9.9	0.12	2.7	0.059	<20	0.13	0.052	<0.01	0.2	0.7	0.03	2.57	10	6.4	0.60	0.6
2679976	Rock	0.181	10.3	6.1	0.43	3.3	0.103	<20	0.36	0.054	<0.01	0.2	1.3	0.03	1.16	<5	2.7	0.63	3.7
2679977	Rock	0.180	6.4	15.1	0.21	1.7	0.076	<20	0.21	0.041	<0.01	0.2	1.0	0.02	2.16	<5	5.1	0.37	1.9
2679978	Rock	0.010	2.1	3.3	0.25	3.4	0.125	<20	0.31	0.035	<0.01	0.1	1.4	0.06	2.15	9	7.0	3.85	1.2
2679979	Rock	0.034	0.8	148.8	1.93	30.1	0.171	<20	2.38	0.007	0.17	0.2	3.8	0.04	0.03	<5	0.2	0.05	4.7
2679980	Rock Chip	0.072	8.7	8.5	0.57	215.4	0.122	<20	0.94	0.066	0.48	<0.1	2.3	0.30	<0.02	<5	<0.1	<0.02	5.0
2679981	Rock	0.034	2.1	16.0	1.11	10.5	0.155	<20	1.53	0.033	0.03	<0.1	4.0	0.02	0.23	<5	0.4	0.03	5.2
2679982	Rock	0.039	2.9	26.3	2.82	53.6	0.205	<20	3.64	0.004	0.23	0.2	15.3	0.13	0.03	<5	0.1	0.04	11.9
2679983	Rock	0.004	1.0	609.7	12.55	4.5	0.001	<20	0.27	<0.001	<0.01	0.3	5.9	<0.02	<0.02	<5	<0.1	0.14	0.6
2679984	Rock	0.004	1.1	808.9	13.04	4.3	0.001	<20	0.35	<0.001	<0.01	0.2	6.2	<0.02	<0.02	<5	<0.1	0.05	0.8
2679985	Rock	0.004	<0.5	201.4	6.40	13.2	<0.001	<20	0.43	0.009	0.09	0.1	8.4	<0.02	1.57	<5	0.3	2.20	1.0
2679986	Rock	0.010	<0.5	231.2	5.11	12.9	0.003	<20	0.93	0.032	0.08	0.2	8.6	<0.02	0.88	<5	0.3	0.56	2.1
2679987	Rock	0.067	11.3	25.4	0.86	34.6	0.100	<20	1.16	0.027	0.11	0.1	2.3	<0.02	<0.02	<5	<0.1	<0.02	5.2
2679988	Rock	0.042	11.5	14.3	0.70	53.3	0.057	<20	1.24	0.044	0.14	<0.1	2.0	<0.02	<0.02	<5	<0.1	<0.02	5.1
2679989	Rock	0.071	13.4	131.0	2.09	12.1	0.002	<20	1.01	0.050	0.03	<0.1	12.1	<0.02	<0.02	<5	<0.1	<0.02	3.4
2679990	Rock	0.168	3.1	4.5	0.22	1.5	0.081	<20	0.25	0.040	<0.01	0.2	1.4	0.06	2.63	<5	6.3	1.33	1.7
2679991	Rock	0.011	2.5	4.0	0.25	7.8	0.090	<20	0.61	<0.001	0.01	<0.1	1.8	<0.02	0.16	<5	0.6	0.50	1.9
2679992	Rock	0.019	3.7	64.8	1.11	60.4	0.138	<20	1.18	0.006	0.27	<0.1	5.4	<0.02	0.13	<5	0.2	0.09	3.3
2679993	Rock Pulp	0.029	2.2	43.2	1.28	23.5	0.002	<20	0.81	0.004	0.04	0.5	1.9	14.64	>10	10056	93.3	0.35	5.0
2679994	Rock	0.025	9.6	8.4	0.24	31.4	0.021	<20	0.46	0.050	0.07	0.2	1.0	0.03	<0.02	19	<0.1	<0.02	3.6
2679995	Rock Chip	0.080	9.2	11.4	0.58	239.7	0.131	<20	0.97	0.064	0.49	<0.1	2.4	0.34	<0.02	10	<0.1	<0.02	5.1
2679996	Rock	<0.001	0.6	566.8	18.30	8.2	<0.001	<20	0.30	0.001	0.04	0.2	6.6	<0.02	0.05	8	0.4	0.39	0.9
2679997	Rock	0.022	0.6	182.2	2.60	6.0	0.181	<20	2.98	<0.001	<0.01	0.2	3.7	<0.02	0.06	7	0.3	<0.02	4.7
2679998	Rock	0.034	8.0	33.4	0.67	31.5	0.056	<20	1.33	0.033	0.12	<0.1	2.9	0.02	0.11	12	0.1	<0.02	4.6
2679999	Rock	0.024	1.0	152.7	3.34	9.2	0.170	<20	3.82	<0.001	0.03	0.2	13.1	<0.02	<0.02	<5	0.2	0.03	9.1

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	1	0.02	0.02	0.04	1	0.02
2680000	Rock	4.64	<0.005	0.19	89.63	1.53	97.5	62	151.1	53.1	1465	8.10	12.5	<0.1	0.3	100	0.10	0.21	<0.04	280	6.12

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Project: EXNA.CA.ON.00014
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CERTIFICATE OF ANALYSIS TIM14000015.1

Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
2680000	Rock	0.028	2.7	268	3.98	27	0.564	8.45	1.754	0.07	5.4	16.0	0.5	<1	39.8	<0.04	17.1	7.60	1.1	5.9	2.1

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CERTIFICATE OF ANALYSIS TIM14000015.1

Method		MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
2680000	Rock	0.7	2.8	0.4	3.0	0.6	2.2	0.4	2.1	0.2	0.77	24.2	2.2	0.1	1.99	0.2	14.67	0.07	<0.002	<0.3	1.57

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CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	MA250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Tl	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.05	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
2680000	Rock	<0.05	0.12	73.12	0.88	64.2	27	112.1	36.1	1041	5.25	12.6	<0.1	<0.2	<0.1	8.8	0.08	0.04	<0.02	107	2.31

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

CERTIFICATE OF ANALYSIS TIM14000015.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	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
2680000	Rock	0.020	<0.5	199.9	2.81	6.7	0.218	<20	3.35	<0.001	<0.01	0.2	5.2	<0.02	<0.02	<5	0.1	<0.02	5.2

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

	Method	WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	1	0.02	0.02	0.04	1	0.02
Pulp Duplicates																					
2679951	Rock	2.54	<0.005	0.21	43.54	8.18	102.9	74	69.3	25.9	776	4.09	12.3	1.2	4.0	232	0.20	0.38	0.10	132	0.61
REP 2679951	QC		<0.005																		
2679952	Rock	3.14	<0.005	0.19	28.68	7.67	79.8	83	45.7	16.2	525	2.86	11.4	1.4	6.1	452	0.22	0.25	0.08	79	1.47
REP 2679952	QC																				
2679962	Rock	4.09	<0.005	1.01	10.23	1.45	81.6	60	109.5	50.5	1231	6.70	1.8	<0.1	0.3	69	0.11	0.05	<0.04	225	5.12
REP 2679962	QC			0.94	9.85	1.52	80.2	48	102.9	45.6	1219	6.65	1.8	<0.1	0.3	69	0.08	0.04	<0.04	224	5.08
2679987	Rock	3.35	<0.005	0.10	15.36	6.71	61.4	71	30.4	13.2	489	2.62	2.5	1.0	4.3	392	0.07	0.25	<0.04	68	2.99
REP 2679987	QC																				
2679997	Rock	2.58	<0.005	0.20	85.43	1.06	97.7	62	152.6	49.1	1314	8.13	11.9	<0.1	0.2	100	0.13	0.47	<0.04	277	6.49
REP 2679997	QC			0.27	83.49	1.19	96.7	68	158.3	47.7	1324	8.18	13.0	<0.1	0.3	108	0.16	0.47	<0.04	275	6.52
2680000	Rock	4.64	<0.005	0.19	89.63	1.53	97.5	62	151.1	53.1	1465	8.10	12.5	<0.1	0.3	100	0.10	0.21	<0.04	280	6.12
REP 2680000	QC		<0.005																		
Core Reject Duplicates																					
2679968	Rock	2.92	<0.005	0.09	34.78	4.05	97.4	49	47.8	21.6	812	4.78	5.3	0.6	2.8	242	0.17	0.28	<0.04	141	2.89
DUP 2679968	QC		0.006	0.10	31.95	4.25	87.0	60	46.3	22.0	818	4.82	5.4	0.6	3.0	233	0.14	0.24	<0.04	139	2.89
Reference Materials																					
STD DS10	Standard																				
STD DS10	Standard																				
STD OREAS25A-4A	Standard			2.37	38.66	27.43	57.9	70	48.4	8.1	495	6.68	10.3	2.8	15.2	45	0.15	0.59	0.44	162	0.30
STD OREAS25A-4A	Standard			2.52	39.74	25.36	51.8	33	48.0	8.1	501	6.63	9.8	2.7	17.3	49	0.14	0.62	0.28	161	0.30
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45E	Standard			2.37	825.91	19.34	55.6	332	498.8	67.8	582	27.18	17.4	2.4	13.7	17	0.07	0.97	0.25	328	0.08
STD OREAS45E	Standard			2.44	789.97	19.50	53.9	328	485.1	63.6	585	24.75	16.9	2.5	13.2	17	0.08	1.02	0.29	330	0.07
STD OXD108	Standard		0.412																		
STD OXI121	Standard		1.807																		
STD OXN117	Standard		7.803																		
STD OXD108 Expected			0.414																		

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
		Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
		Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																						
2679951	Rock		0.045	13.2	90	1.24	518	0.212	8.28	1.663	1.84	0.9	99.1	0.6	1	19.0	<0.04	9.1	44.90	3.4	12.7	2.4
REP 2679951	QC																					
2679952	Rock		0.096	35.0	52	0.92	479	0.272	7.70	3.406	1.31	4.0	119.7	0.7	1	9.1	<0.04	10.5	82.58	9.1	35.3	5.8
REP 2679952	QC																					
2679962	Rock		0.024	3.0	173	4.78	73	0.406	7.45	2.799	0.11	0.5	17.6	0.4	<1	42.3	<0.04	12.7	7.54	0.9	5.4	1.6
REP 2679962	QC		0.024	2.9	183	4.81	71	0.417	7.50	2.756	0.11	0.7	18.1	0.5	<1	46.7	<0.04	12.4	7.65	0.9	5.7	1.7
2679987	Rock		0.067	22.9	30	1.04	422	0.318	7.83	3.767	1.23	0.5	87.4	0.6	1	8.1	<0.04	7.4	51.69	6.2	24.3	3.8
REP 2679987	QC																					
2679997	Rock		0.027	2.7	250	4.37	30	0.576	8.24	1.285	0.08	0.7	19.0	0.5	<1	41.6	0.07	18.8	7.30	1.1	6.8	2.0
REP 2679997	QC		0.027	3.1	246	4.41	28	0.592	8.30	1.296	0.09	0.7	18.5	0.6	<1	44.0	0.07	19.4	7.94	1.0	6.6	2.2
2680000	Rock		0.028	2.7	268	3.98	27	0.564	8.45	1.754	0.07	5.4	16.0	0.5	<1	39.8	<0.04	17.1	7.60	1.1	5.9	2.1
REP 2680000	QC																					
Core Reject Duplicates																						
2679968	Rock		0.098	20.2	37	1.77	68	0.561	7.49	4.542	0.17	0.4	94.4	0.7	1	16.2	<0.04	11.9	48.08	5.8	23.1	4.2
DUP 2679968	QC		0.099	19.7	36	1.79	69	0.556	7.71	4.638	0.17	0.4	94.9	0.7	<1	15.9	<0.04	11.8	48.53	6.2	23.2	4.5
Reference Materials																						
STD DS10	Standard																					
STD DS10	Standard																					
STD OREAS25A-4A	Standard		0.052	21.7	122	0.33	152	1.049	8.96	0.141	0.50	2.1	157.0	4.0	1	12.3	0.05	9.6	49.81	4.9	18.7	3.6
STD OREAS25A-4A	Standard		0.044	21.4	118	0.34	160	1.006	9.23	0.134	0.51	2.0	147.0	4.0	<1	13.4	<0.04	9.6	52.18	5.0	17.1	3.4
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45E	Standard		0.033	10.5	1033	0.16	255	0.584	7.27	0.062	0.37	1.0	100.8	1.4	<1	98.3	0.04	8.2	24.74	2.6	9.8	2.0
STD OREAS45E	Standard		0.033	11.4	1035	0.16	277	0.571	6.87	0.060	0.35	1.4	91.1	1.4	<1	102.7	<0.04	7.6	26.70	2.4	10.4	2.4
STD OXD108	Standard																					
STD OXI121	Standard																					
STD OXN117	Standard																					
STD OXD108 Expected																						

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

	Method	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
Pulp Duplicates																					
2679951	Rock	0.7	2.1	0.3	1.8	0.4	1.3	0.2	1.1	0.2	2.85	44.8	57.0	0.1	1.81	2.5	22.02	0.04	0.003	<0.3	<0.05
REP 2679951	QC																				
2679952	Rock	1.4	3.8	0.3	2.4	0.4	1.2	0.1	1.0	0.1	3.14	13.7	50.2	0.3	4.17	2.3	19.04	0.03	<0.002	<0.3	0.21
REP 2679952	QC																				
2679962	Rock	0.5	2.1	0.2	2.4	0.5	1.6	0.2	1.3	0.2	0.54	25.6	2.1	0.1	1.58	0.2	13.99	0.07	0.003	<0.3	2.79
REP 2679962	QC	0.6	1.9	0.2	2.3	0.5	1.6	0.2	1.3	0.2	0.57	24.3	2.3	<0.1	1.53	0.2	13.01	0.04	<0.002	<0.3	2.53
2679987	Rock	1.1	2.8	0.2	1.9	0.3	0.7	0.1	0.8	<0.1	2.54	17.0	33.2	0.2	3.31	1.0	22.85	0.02	<0.002	<0.3	0.20
REP 2679987	QC																				
2679997	Rock	0.7	3.2	0.3	3.5	0.7	2.3	0.3	2.1	0.3	0.87	24.1	2.3	0.1	2.03	0.2	15.81	0.07	<0.002	0.3	1.02
REP 2679997	QC	0.8	3.2	0.3	3.1	0.8	2.3	0.3	2.0	0.3	0.89	26.8	2.3	0.1	2.05	0.2	16.82	0.06	<0.002	<0.3	3.11
2680000	Rock	0.7	2.8	0.4	3.0	0.6	2.2	0.4	2.1	0.2	0.77	24.2	2.2	0.1	1.99	0.2	14.67	0.07	<0.002	<0.3	1.57
REP 2680000	QC																				
Core Reject Duplicates																					
2679968	Rock	1.4	4.1	0.3	2.4	0.4	1.3	0.2	1.1	0.2	2.25	9.7	4.4	0.2	3.24	0.4	21.11	0.06	0.003	<0.3	0.22
DUP 2679968	QC	1.3	3.4	0.3	2.6	0.5	1.5	0.2	1.2	0.2	2.66	9.8	4.9	0.2	3.20	0.4	19.53	0.03	<0.002	<0.3	0.46
Reference Materials																					
STD DS10	Standard																				
STD DS10	Standard																				
STD OREAS25A-4A	Standard	0.7	3.1	0.4	2.5	0.4	1.3	0.2	1.4	0.2	4.33	37.9	66.0	1.5	20.91	6.6	25.36	0.10	<0.002	2.7	<0.05
STD OREAS25A-4A	Standard	0.7	3.0	0.3	1.9	0.4	1.3	0.2	1.3	0.2	4.16	40.1	61.6	1.4	19.64	6.3	25.13	0.08	<0.002	2.5	<0.05
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45E	Standard	0.5	1.5	0.3	2.1	0.4	1.2	0.1	1.1	0.2	2.94	7.2	22.5	0.5	6.28	1.3	16.34	0.09	<0.002	2.6	0.07
STD OREAS45E	Standard	0.5	2.1	0.2	2.0	0.4	1.2	0.2	1.1	0.1	3.01	6.9	22.7	0.5	6.05	1.2	16.57	0.08	<0.002	2.4	0.12
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		Method	MA250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	Tl	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.05	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																						
2679951	Rock		0.38	0.20	37.31	4.56	92.4	31	60.9	22.6	713	3.63	9.1	0.4	1.2	2.6	19.4	0.13	0.16	0.14	34	0.59
REP 2679951	QC																					
2679952	Rock		0.24	0.19	23.13	4.52	71.0	25	41.7	14.4	501	2.70	10.8	0.4	<0.2	4.0	36.3	0.09	0.10	0.10	31	1.15
REP 2679952	QC			0.16	23.70	4.72	72.3	30	42.9	14.6	509	2.70	9.9	0.5	<0.2	4.2	37.6	0.09	0.09	0.10	31	1.15
2679962	Rock		<0.05	0.52	7.40	0.63	43.2	4	58.9	25.9	802	3.94	<0.1	<0.1	<0.2	0.2	20.0	0.05	<0.02	<0.02	125	3.35
REP 2679962	QC		<0.05																			
2679987	Rock		0.09	0.12	13.02	1.84	50.1	20	24.6	9.9	347	1.61	1.4	0.3	<0.2	2.5	47.9	0.02	0.07	0.02	17	0.96
REP 2679987	QC			0.13	12.57	1.77	47.1	16	24.5	9.6	331	1.57	1.7	0.3	<0.2	2.4	45.1	0.03	0.04	<0.02	16	0.93
2679997	Rock		<0.05	0.12	72.24	0.58	56.4	29	107.2	34.7	725	4.56	10.0	<0.1	0.6	<0.1	8.7	0.07	0.05	<0.02	77	1.23
REP 2679997	QC		<0.05																			
2680000	Rock		<0.05	0.12	73.12	0.88	64.2	27	112.1	36.1	1041	5.25	12.6	<0.1	<0.2	<0.1	8.8	0.08	0.04	<0.02	107	2.31
REP 2680000	QC																					
Core Reject Duplicates																						
2679968	Rock		<0.05	0.07	26.31	1.52	68.2	5	33.5	17.2	589	3.41	2.5	0.3	<0.2	2.0	31.4	0.12	0.08	<0.02	67	1.02
DUP 2679968	QC		<0.05	0.07	22.49	1.46	63.7	7	33.1	15.5	589	3.28	2.7	0.2	0.4	1.9	30.4	0.11	0.10	<0.02	64	1.01
Reference Materials																						
STD DS10	Standard			12.57	156.87	157.94	377.1	2208	76.8	13.2	868	2.71	46.8	2.6	67.8	6.9	60.9	2.58	8.07	12.27	41	1.04
STD DS10	Standard			11.59	151.24	155.45	362.5	1947	73.2	12.3	828	2.60	43.0	2.4	48.1	6.4	57.4	2.47	7.69	12.13	39	1.00
STD OREAS25A-4A	Standard		0.33																			
STD OREAS25A-4A	Standard		0.30																			
STD OREAS45EA	Standard			1.58	654.59	14.79	31.2	249	352.5	50.8	404	21.76	10.5	1.8	61.2	10.2	3.4	0.03	0.39	0.26	306	0.04
STD OREAS45EA	Standard			1.44	634.43	14.42	28.7	245	341.4	50.7	386	21.39	8.0	1.8	56.4	10.1	3.2	0.06	0.30	0.26	301	0.04
STD OREAS45E	Standard		0.09																			
STD OREAS45E	Standard		0.08																			
STD OXD108	Standard																					
STD OXI121	Standard																					
STD OXN117	Standard																					
STD OXD108 Expected																						

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QUALITY CONTROL REPORT TIM14000015.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	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
Pulp Duplicates																				
2679951	Rock		0.043	13.6	43.2	1.07	36.6	0.002	<20	2.18	0.035	0.13	<0.1	3.9	0.03	0.02	8	<0.1	0.04	7.1
REP 2679951	QC																			
2679952	Rock		0.093	30.1	38.3	0.82	36.4	0.065	<20	1.37	0.030	0.10	<0.1	2.6	0.02	<0.02	10	<0.1	<0.02	6.4
REP 2679952	QC		0.090	29.5	38.3	0.83	36.6	0.063	<20	1.38	0.031	0.10	<0.1	2.8	<0.02	<0.02	<5	<0.1	0.03	6.2
2679962	Rock		0.022	2.3	141.4	2.83	10.0	0.080	<20	2.67	0.016	0.01	<0.1	12.2	<0.02	<0.02	<5	<0.1	0.04	7.5
REP 2679962	QC																			
2679987	Rock		0.067	11.3	25.4	0.86	34.6	0.100	<20	1.16	0.027	0.11	0.1	2.3	<0.02	<0.02	<5	<0.1	<0.02	5.2
REP 2679987	QC		0.063	11.0	25.0	0.84	33.4	0.094	<20	1.11	0.027	0.10	0.1	2.2	<0.02	<0.02	<5	<0.1	0.04	4.8
2679997	Rock		0.022	0.6	182.2	2.60	6.0	0.181	<20	2.98	<0.001	<0.01	0.2	3.7	<0.02	0.06	7	0.3	<0.02	4.7
REP 2679997	QC																			
2680000	Rock		0.020	<0.5	199.9	2.81	6.7	0.218	<20	3.35	<0.001	<0.01	0.2	5.2	<0.02	<0.02	<5	0.1	<0.02	5.2
REP 2680000	QC																			
Core Reject Duplicates																				
2679968	Rock		0.084	15.0	33.6	1.21	9.6	0.109	<20	1.67	0.051	0.01	0.2	4.3	<0.02	<0.02	<5	0.1	0.03	9.7
DUP 2679968	QC		0.085	14.4	34.3	1.17	8.4	0.106	<20	1.60	0.050	0.01	0.2	4.1	<0.02	<0.02	<5	<0.1	<0.02	9.2
Reference Materials																				
STD DS10	Standard		0.074	15.1	57.0	0.78	397.6	0.072	<20	0.96	0.055	0.33	2.9	2.9	5.18	0.28	315	2.1	5.13	4.0
STD DS10	Standard		0.071	14.6	51.9	0.73	381.6	0.066	<20	0.92	0.054	0.32	2.8	2.7	4.94	0.27	277	2.3	5.54	4.0
STD OREAS25A-4A	Standard																			
STD OREAS25A-4A	Standard																			
STD OREAS45EA	Standard		0.028	6.8	961.1	0.07	141.9	0.094	<20	2.82	0.008	0.05	<0.1	76.1	0.06	0.02	19	0.7	0.14	11.5
STD OREAS45EA	Standard		0.028	6.4	931.9	0.08	137.4	0.090	<20	2.73	0.009	0.05	<0.1	72.7	0.05	0.02	25	0.5	0.13	11.5
STD OREAS45E	Standard																			
STD OREAS45E	Standard																			
STD OXD108	Standard																			
STD OXI121	Standard																			
STD OXN117	Standard																			
STD OXD108 Expected																				

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		WGHT	FA430	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250	MA250
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	1	0.02	0.02	0.04	1	0.02
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OREAS45E Expected				2.4	780	18.2	46.7	311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.05	<0.02	0.07	<0.2	<20	0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank			<0.05	<0.02	<0.02	<0.2	<20	0.2	<0.2	2	<0.02	0.5	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
Prep Wash																					
G1	Prep Blank		<0.005	0.83	7.11	3.03	46.5	39	2.3	5.9	700	2.36	1.8	1.3	3.2	214	0.06	0.09	<0.04	42	1.85
G1	Prep Blank		<0.005	0.81	6.83	2.80	42.2	33	2.5	5.0	695	2.36	2.3	1.3	3.2	201	0.04	0.10	<0.04	41	1.89

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		MA250 P % 0.001	MA250 La ppm 0.1	MA250 Cr ppm 1	MA250 Mg % 0.02	MA250 Ba ppm 1	MA250 Ti % 0.001	MA250 Al % 0.02	MA250 Na % 0.002	MA250 K % 0.02	MA250 W ppm 0.1	MA250 Zr ppm 0.2	MA250 Sn ppm 0.1	MA250 Be ppm 1	MA250 Sc ppm 0.1	MA250 S % 0.04	MA250 Y ppm 0.1	MA250 Ce ppm 0.02	MA250 Pr ppm 0.1	MA250 Nd ppm 0.1	MA250 Sm ppm 0.1
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32		93	0.046	8.28	23.5	2.47	9.05	2.28
STD OREAS25A-4A		0.048	21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		4.06	1.02	13.7	0.051	12.3	48.9			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	1	<0.02	<1	<0.001	<0.02	0.008	<0.02	<0.1	0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	2	<0.02	<1	<0.001	<0.02	0.006	<0.02	0.2	0.4	<0.1	<1	0.3	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	0.046	13.9	10	0.59	893	0.238	7.30	3.457	1.74	0.5	51.9	0.9	1	8.2	<0.04	15.9	28.44	4.1	12.7	2.7
G1	Prep Blank	0.044	14.1	9	0.58	896	0.236	7.45	3.400	1.80	0.3	49.2	0.8	<1	8.5	<0.04	15.4	29.92	3.2	12.0	3.1

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		MA250 Eu ppm 0.1	MA250 Gd ppm 0.1	MA250 Tb ppm 0.1	MA250 Dy ppm 0.1	MA250 Ho ppm 0.1	MA250 Er ppm 0.1	MA250 Tm ppm 0.1	MA250 Yb ppm 0.1	MA250 Lu ppm 0.1	MA250 Hf ppm 0.02	MA250 Li ppm 0.1	MA250 Rb ppm 0.1	MA250 Ta ppm 0.1	MA250 Nb ppm 0.04	MA250 Cs ppm 0.1	MA250 Ga ppm 0.02	MA250 In ppm 0.01	MA250 Re ppm 0.002	MA250 Se ppm 0.3	MA250 Te ppm 0.05
STD OXN117 Expected																						
STD OXI121 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD OREAS45E Expected		0.52	1.82	0.33	2.05	0.38	1.2	0.17	1.21	0.175	3.11	6.58	21.2	0.54	6.8	1.26	16.5	0.099		2.97	0.1
STD OREAS25A-4A											4.53	36.7	61	1.6	22.4	6.46	25.9				
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02	<0.01	<0.002	0.3	<0.05
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.3	<0.1	<0.04	<0.1	0.05	<0.01	<0.002	<0.3	<0.05
Prep Wash																						
G1	Prep Blank	0.8	3.1	0.9	3.0	0.6	1.9	0.3	1.9	0.3	1.72	4.4	41.3	0.4	5.45	0.4	13.86	0.04	<0.002	<0.3	0.10
G1	Prep Blank	0.6	2.9	0.4	2.9	0.6	1.9	0.3	2.1	0.3	1.61	4.1	40.1	0.4	5.26	0.3	12.61	0.03	<0.002	<0.3	0.09

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		MA250 Tl ppm 0.05	AQ250 Mo ppm 0.01	AQ250 Cu ppm 0.01	AQ250 Pb ppm 0.01	AQ250 Zn ppm 0.1	AQ250 Ag ppb 2	AQ250 Ni ppm 0.1	AQ250 Co ppm 0.1	AQ250 Mn ppm 1	AQ250 Fe % 0.01	AQ250 As ppm 0.1	AQ250 U ppm 0.1	AQ250 Au ppb 0.2	AQ250 Th ppm 0.1	AQ250 Sr ppm 0.5	AQ250 Cd ppm 0.01	AQ250 Sb ppm 0.02	AQ250 Bi ppm 0.02	AQ250 V ppm 2	AQ250 Ca % 0.01
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected			14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625
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 OREAS45E Expected		0.09																			
STD OREAS25A-4A		0.35																			
BLK	Blank																				
BLK	Blank																				
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
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
BLK	Blank	<0.05																			
BLK	Blank	<0.05																			
Prep Wash																					
G1	Prep Blank	0.20	0.54	6.17	0.92	33.1	7	1.9	4.2	471	1.91	0.9	0.3	1.0	2.0	20.5	0.02	0.03	0.03	22	0.60
G1	Prep Blank	0.19	0.65	4.81	0.94	30.9	5	2.2	4.5	465	1.90	0.8	0.3	1.2	2.0	21.1	0.04	<0.02	0.02	22	0.59

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Project: EXNA.CA.ON.00014
Report Date: November 04, 2014

QUALITY CONTROL REPORT TIM14000015.1

		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1
STD OXN117 Expected																			
STD OXI121 Expected																			
STD DS10 Expected		0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3
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
STD OREAS45E Expected																			
STD OREAS25A-4A																			
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<0.5	1.1	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.1	<0.02	<0.02	6	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	0.8	<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
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.038	4.8	7.7	0.47	58.5	0.058	<20	0.92	0.071	0.07	<0.1	2.9	<0.02	0.02	<5	<0.1	<0.02	3.5
G1	Prep Blank	0.040	4.8	8.8	0.48	59.7	0.057	<20	0.89	0.063	0.07	<0.1	2.7	<0.02	<0.02	7	<0.1	<0.02	3.9

Appendix 3

Fall 2014 Spruce Bark QA/QC Report

Project Geologist: S.Byron
QAQC: estock

Date of Report: 7-Mar-2016

QC Evaluation: ROL

Laboratory: AcmeLabs

Sample Type: Vegetation

Date Range: 31-Oct-2014 - 19-Nov-2014

Accounting Code:

Sample Year:

Teck

ROL - Lab Job Details

LabJob Name	Sample Type	QAQC Complete	No of Samples	No of Field Dup	No of Field STD	No of Field BLK	No of Lab BLK	No of Lab Prep BLK	No of Lab Rep	No of Lab Dup
TIM14000009		YES	95	5	5	0	5	0	2	0
TIM14000010		YES	150	7	7	0	7	0	5	0
TIM14000011		YES	150	8	8	0	8	0	5	0
TIM14000012		YES	105	5	5	0	8	0	5	0
TIM14000013		YES	150	8	8	0	7	0	5	0
TIM14000014		YES	48	2	2	0	4	0	2	0
Total Jobs: 6			698	35	35	0	39	0	24	0

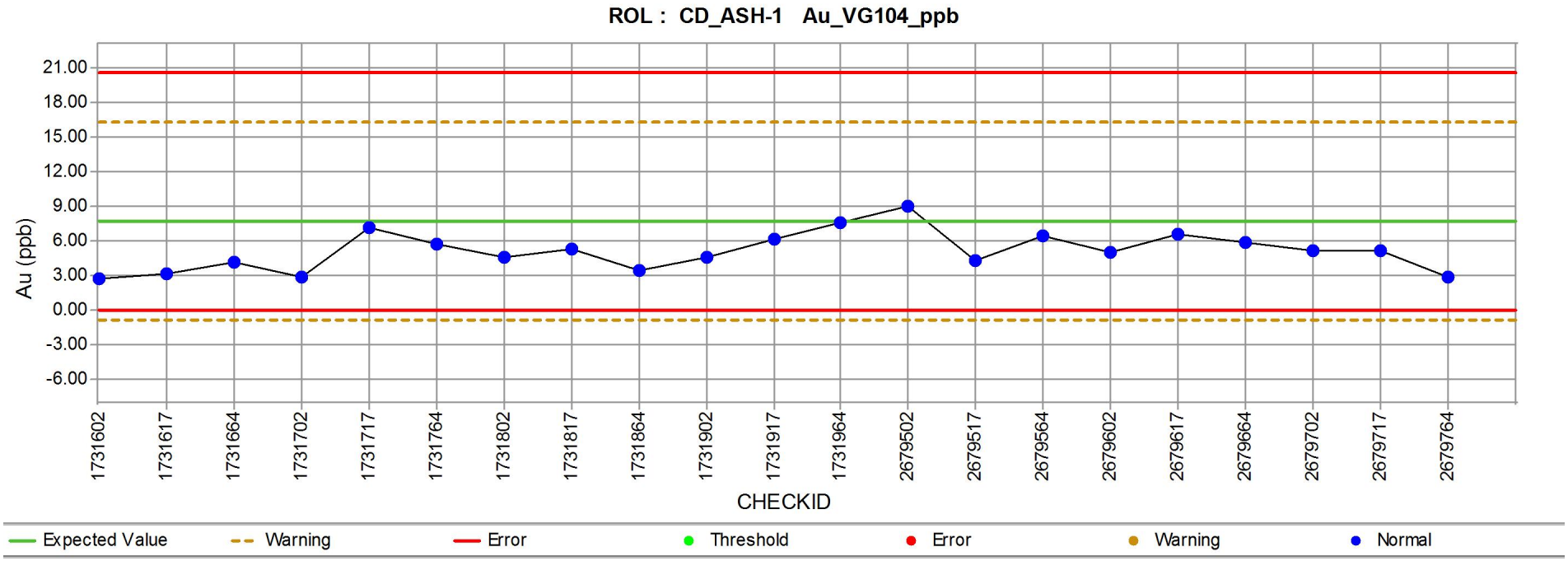
Teck

ROL - Standards Summary

Standard Name	Assay Name	Mean	Acceptable Limits	Sent	Failure	Failure Rate (%)
CD_ASH-1	Au_VG104_ppb	7.7	0 - 20.5	21	0	0
CD_ASH-2	Au_VG104_ppb	4.6	0 - 12.9	14	0	0
TOTAL				35	0	0

Teck

Standard Charts

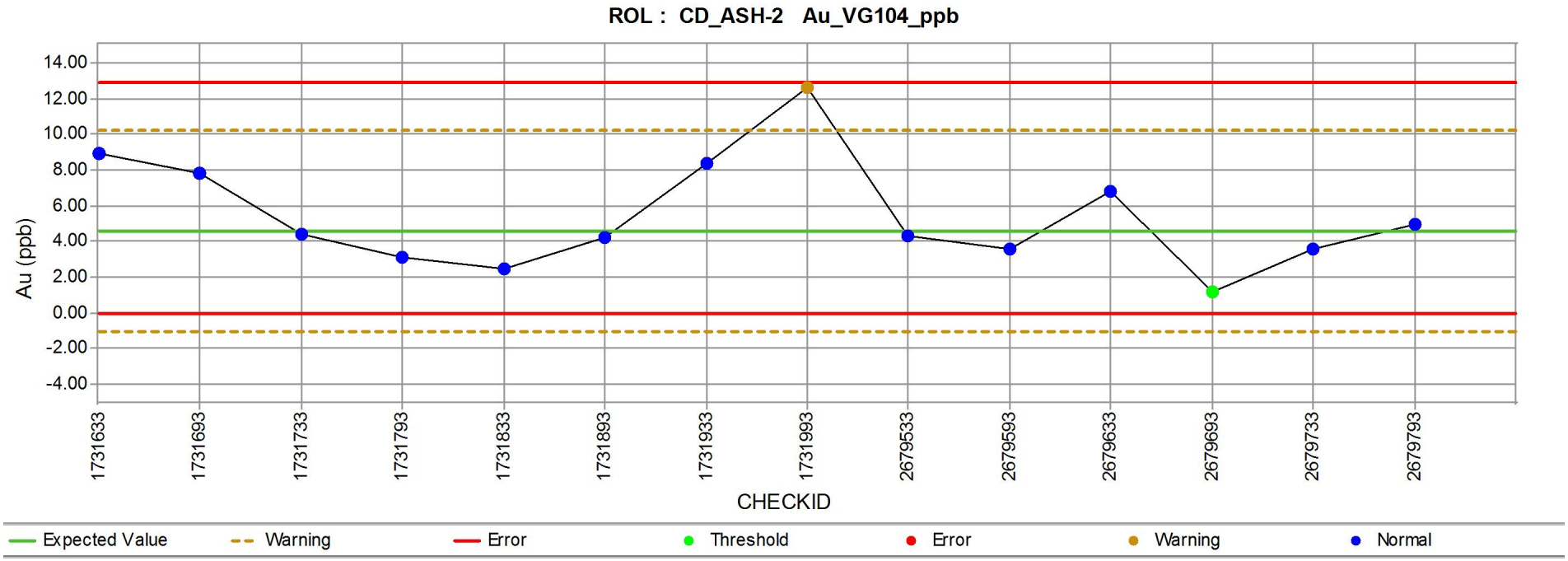


Standard Summary

Standard ID	CD_ASH-1
Standard Value	7.7
Acceptable Min	0
Acceptable Max	20.5
Standard Deviation	4.3

Lab Code	AcmeLabs
LabJobNo	TIM14000009
Despatch No	ROL_2014_018
Return Date	31-Oct-2014

Standard Charts



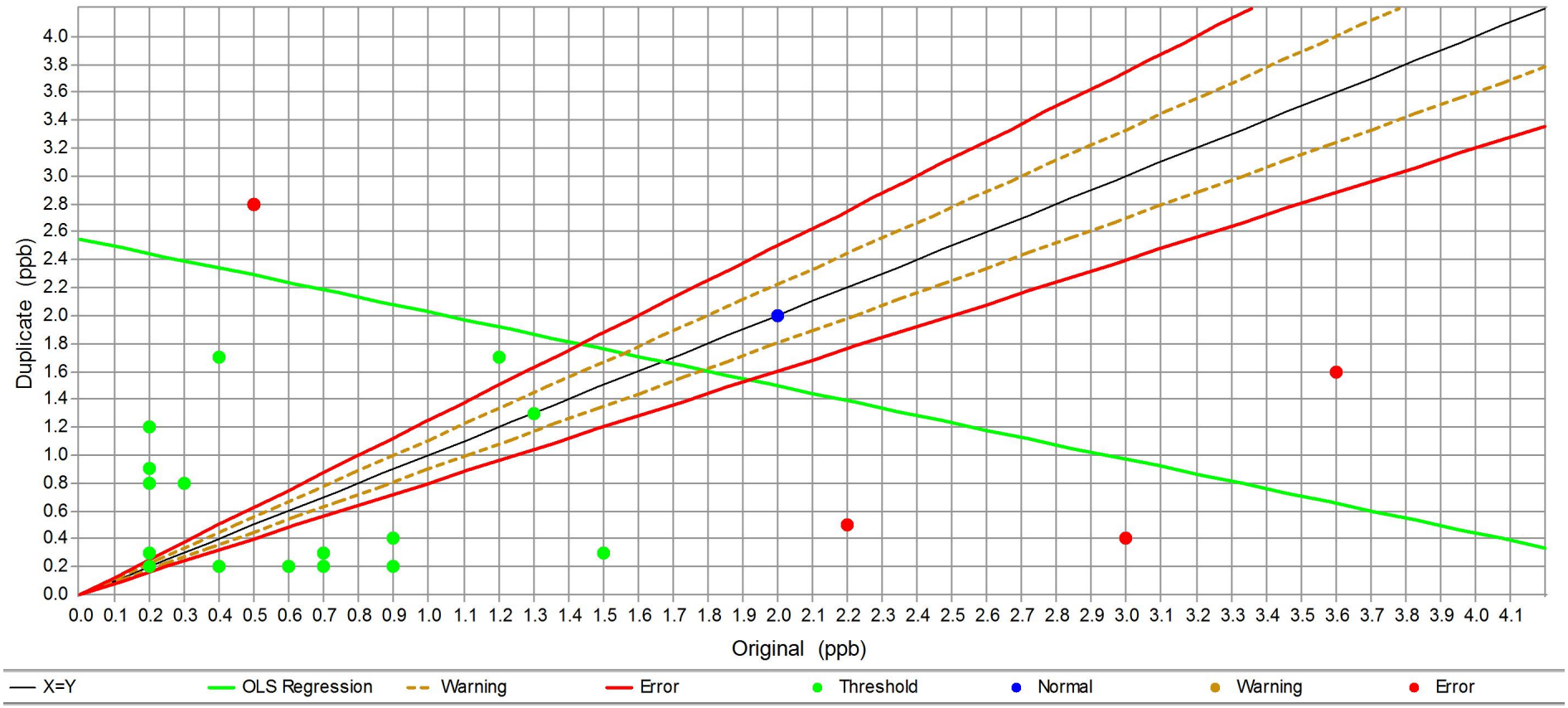
Standard Summary

Standard ID	CD_ASH-2
Standard Value	4.6
Acceptable Min	0
Acceptable Max	12.9
Standard Deviation	2.8

Lab Code	AcmeLabs
LabJobNo	TIM14000014
Despatch No	ROL_2014_022
Return Date	18-Nov-2014

Field Duplicate Charts

ROL : Scatter - Au_VG104_ppb



Appendix 4

Fall 2014 Rock Samples QA/QC Report

Project Geologist: S.Byron
QAQC: estock

Date of Report: 7-Mar-2016

QC Evaluation: ROL

Laboratory: AcmeLabs

Sample Type: Rock

Date Range: 29-Oct-2014 - 4-Nov-2014

Accounting Code:

Sample Year:

Teck

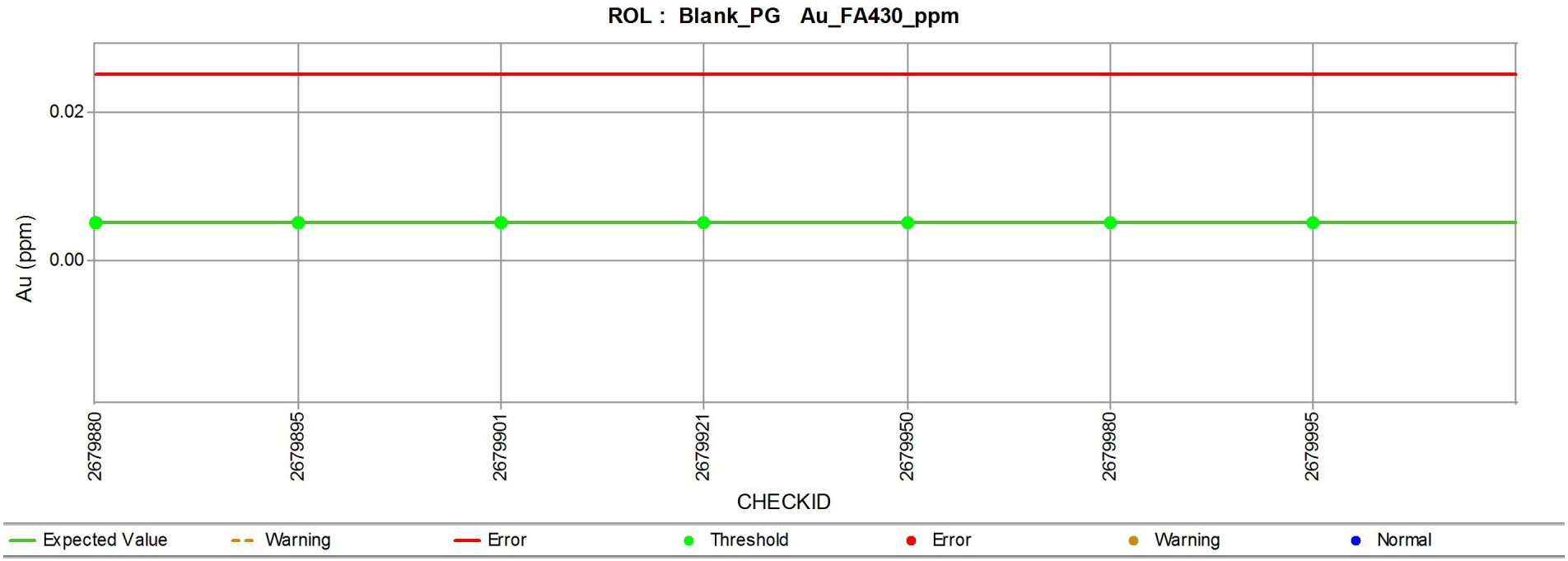
ROL - Lab Job Details

LabJob Name	Sample Type	QAQC Complete	No of Samples	No of Field Dup	No of Field STD	No of Field BLK	No of Lab BLK	No of Lab Prep BLK	No of Lab Rep	No of Lab Dup
TIM14000008		YES	91	4	5	4	14	0	9	2
TIM14000015		YES	61	3	2	3	8	0	6	1
Total Jobs: 2			152	7	7	7	22	0	15	3

ROL - Standards Summary

Standard Name	Assay Name	Mean	Acceptable Limits	Sent	Failure	Failure Rate (%)
Blank_PG	Au_FA430_ppm	0.005	- 0.025	7	0	0
CDN-ME-1204	Au_FA430_ppm	0.975	0.876 - 1.074	3	0	0
CDN-ME-17	Au_FA430_ppm	0.452	0.365 - 0.539	1	0	0
OREAS_152a	Au_FA430_ppm	0.116	0.101 - 0.131	3	0	0
TOTAL				14	0	0

Standard Charts

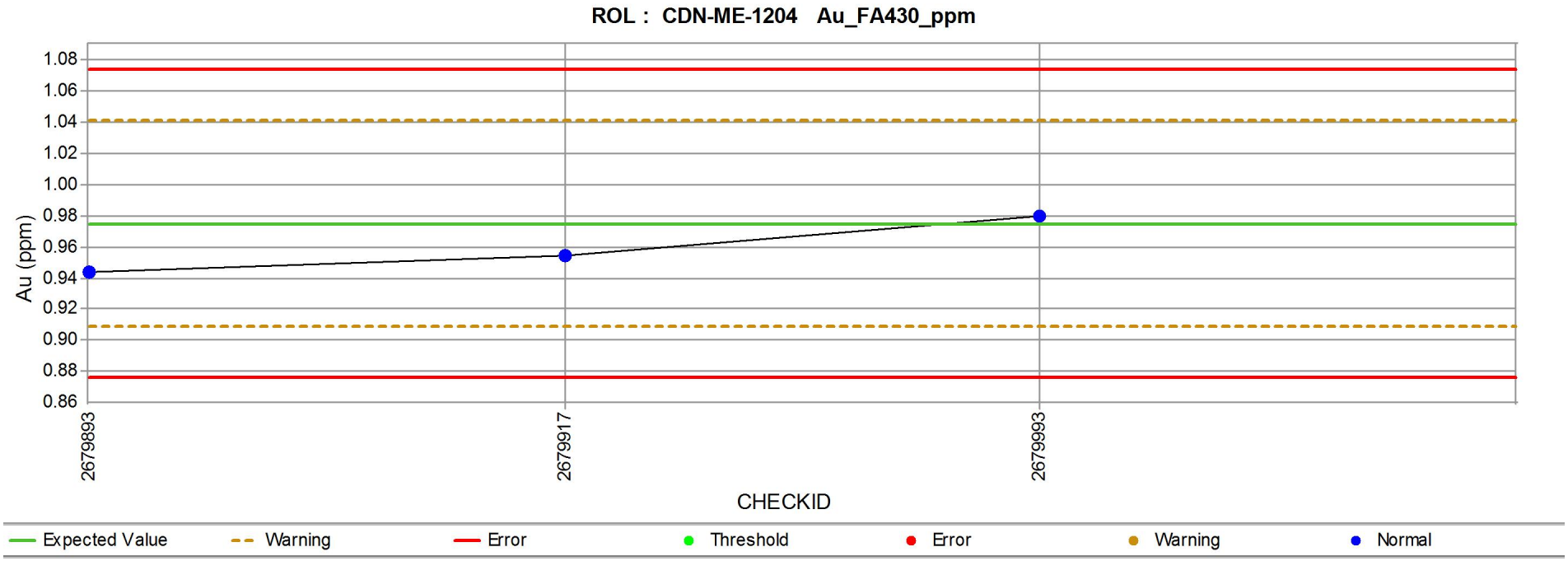


Standard Summary

Standard ID	Blank_PG
Standard Value	0.005
Acceptable Min	
Acceptable Max	0.025
Standard Deviation	

Lab Code	AcmeLabs
LabJobNo	TIM14000008
Despatch No	ROL_2014_019
Return Date	29-Oct-2014

Standard Charts

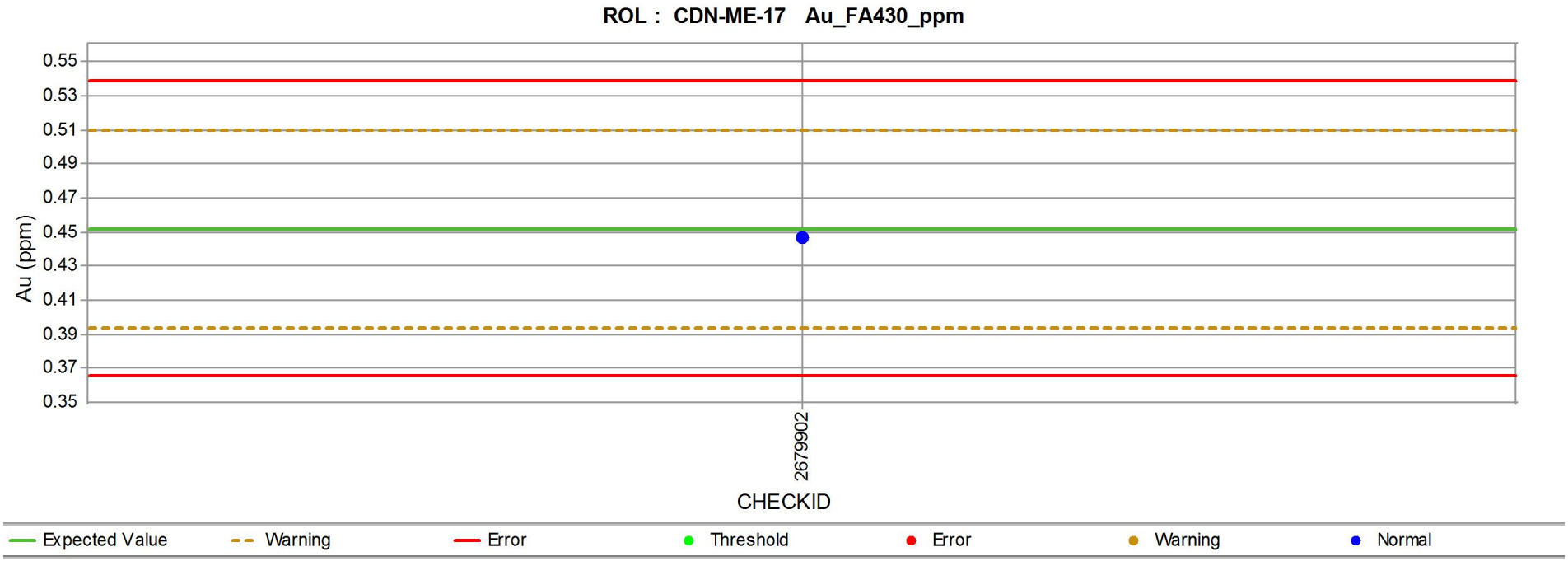


Standard Summary

Standard ID	CDN-ME-1204
Standard Value	0.975
Acceptable Min	0.876
Acceptable Max	1.074
Standard Deviation	0.033

Lab Code	AcmeLabs
LabJobNo	TIM14000015
Despatch No	ROL_2014_023
Return Date	4-Nov-2014

Standard Charts

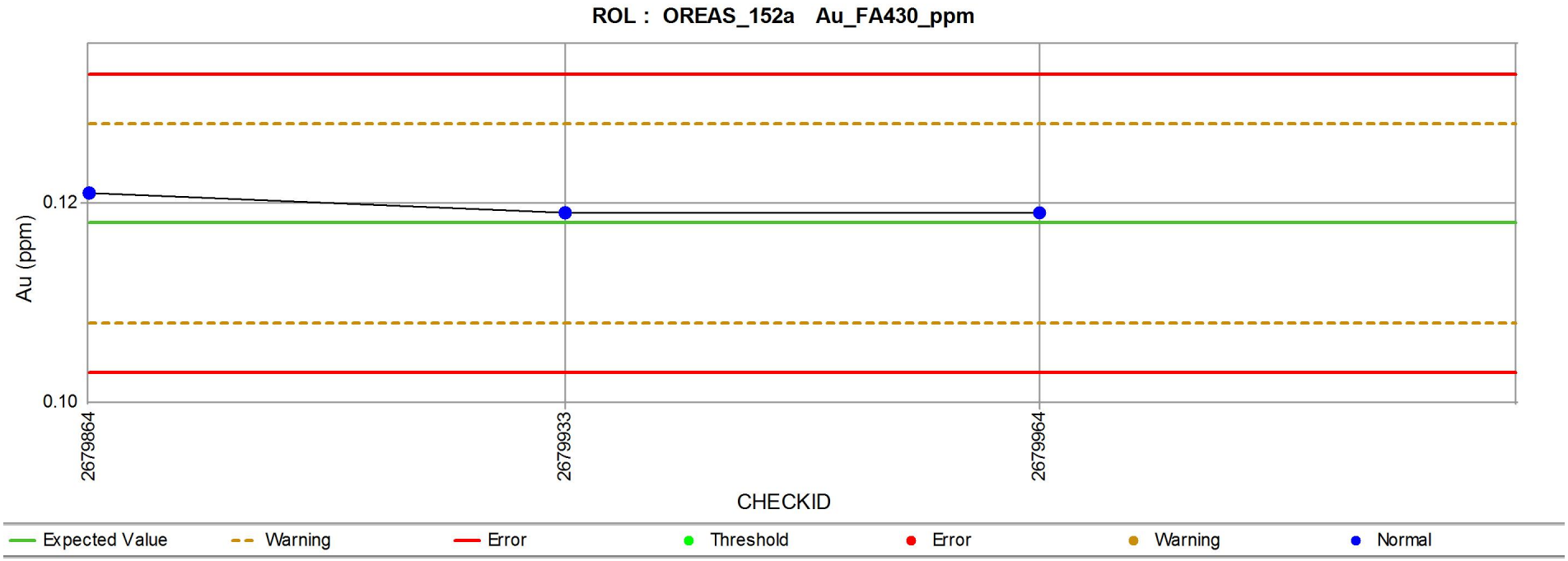


Standard Summary

Standard ID	CDN-ME-17
Standard Value	0.452
Acceptable Min	0.365
Acceptable Max	0.539
Standard Deviation	0.029

Lab Code	AcmeLabs
LabJobNo	TIM14000008
Despatch No	ROL_2014_019
Return Date	29-Oct-2014

Standard Charts



Standard Summary

Standard ID	OREAS_152a
Standard Value	0.116
Acceptable Min	0.101
Acceptable Max	0.131
Standard Deviation	0.005

Lab Code	AcmeLabs
LabJobNo	TIM14000008
Despatch No	ROL_2014_019
Return Date	29-Oct-2014

Field Duplicate Charts