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Litho geochemistry, Bi geochemistry, Mapping and Prospecting on the Graphic Lake property

Kenora Area

Kenora Mining Division

Work and Code Townships

Northwestern Ontario

Claims:

586093, 586180, 586181, 659224, 659225, 659226, 659227, 659228, 659229, 659230, 659231, 659232, 659233, 659234, 659235, 659236, 659237, 659238, 659239, 659240, 659241, 659242, 659243, 662346, 667824, 686985, 686986, 686987, 686988, 686989, 686990, 686991, 686992, 686993, 686994, 686995, 686996, 686997, 686998, 686999, 687000, 687001, 687002, 687003, 687004, 702287, 702288, 702289, 702290, 702291, 702292, 702293, 702294, 702295, 702296, 702297, 702298, 702299, 702300, 702301, 702302, 702303, 702304, 702305, 702306, 702307, 702308, 702309, 702310, 702311, 702357, 702358, 702359, 702360, 702361, 702362, 702363, 702364, 702365, 702366, 702367, 702368, 702369, 702370, 702371, 702372, 702373, 702374, 702375, 702376, 702377, 702378, 702379, 702380, 702381, 702382, 702383, 702384, 702385, 702386, 702387, 702388, 702389, 721093, 721094, 721095, 721096, 721097, 721098, 721099, 721100, 721101, 721102

Prepared for:

Critical Resources Corp.

338 Red River Road,
Thunder Bay,
Ontario
P7B 1B1
Canada

Prepared by

Emmett Hart, MSc, MIT
Coast Mountain Geological Ltd.
April 2023

Reviewed by

Troy Gallik P. Geo
Critical Resources Limited
April 2023

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Appendix G – Large Format Map with Litho geochemistry Sample Points

Appendix H – Large Format Map with Mapped Outcrops

Summary

The Graphic Lake property is located approximately 40km Southeast of the town of Kenora, North-western Ontario. It is comprised of 113 single cell mining claims, held by Critical Resources Corp. who acquired the property in February 2022. In June of 2022, biogeochemical and lithogeochemical surveys were carried out on the property concurrently with mapping and prospecting across the property between June 1st 2022 and June 28th 2022. Coast Mountain Geological Ltd. of Vancouver was hired to perform the work on behalf of Critical Resources Corp. The objective of this work program was to identify the potential of the Graphic Lake property to host LCT pegmatites. Results have shown a trend to pegmatite evolution in the area. It has been recommended to further study areas of anomalous values within the property, and to acquire claims to the Southwest of the property to follow the trend of evolving pegmatites in the area. A total expenditure of \$226,910.60 is submitted for assessment credit over a 28 day period.

1 Introduction

The Graphic Lake property is comprised of 113 single cell mining claims, held 100% by Canada Critical Resources Corp. a Canadian subsidiary of Critical Resources (Table 1). The claims are located in NW Ontario, ~40km SE of the town of Kenora, and ~20km north of Sioux Narrows. The property is comprised of pegmatite bodies found within metasediments and a tonalite suite.

Exploration services and fieldwork has been provided by Coast Mountain Geological Ltd. (CMG), of Vancouver, British Columbia.

1.1 Basis of Report

The contents of this report are based on:

1. Historical work and desktop review of legacy data prior to the acquisition of the claims by Critical Resources Corp.
2. New fieldwork investigation and data compilation conducted by CMG on behalf of Canada Critical Resources Corp.

1.2 Exploration Goals

The Graphic Lake project area is located within a known pegmatite bearing area. These pegmatites are intruded into local host rocks comprised of metasediments, metavolcanic rocks, and tonalitic rocks. The scope of exploration work carried out on this property is to identify the potential for LCT (lithium-caesium-tantalum) mineralisation within pegmatites of the area. Previous work conducted on the property has identified a lithium anomaly of 158ppm within grab samples. The primary goal of this exploration program is to identify the extent of LCT pegmatites and their detectable levels in Biogeochemical, and Lithogeochemical surveys. The surface sampling program was coupled with mapping and prospecting. The secondary goal of this program is to identify the direction of pegmatite evolution within the property.

Table 1: Table displaying claims and their associated holder, issuance date, and anniversary date.

Claim Number	Issue Date	Anniversary	Claim type	License Holder	Township
586093	28/04/2020	28/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
586180	29/04/2020	29/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
586181	29/04/2020	29/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659224	01/06/2021	01/06/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659225	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659226	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659227	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659228	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659229	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659230	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659231	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659232	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659233	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659234	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
659235	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659236	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659237	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659238	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659239	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659240	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659241	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work

659242	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
659243	01/06/2021	01/06/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
662346	11/06/2021	11/06/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
667824	09/07/2021	09/07/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686985	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686986	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686987	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686988	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686989	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686990	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686991	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686992	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686993	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686994	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686995	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686996	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686997	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686998	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
686999	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
687000	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
687001	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
687002	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
687003	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work

687004	24/11/2021	24/11/2023	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702287	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702288	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702289	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702290	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702291	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702292	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702293	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702294	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702295	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702296	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702297	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702298	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702299	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702300	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702301	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702302	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702303	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702304	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702305	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702306	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702307	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702308	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code

702309	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702310	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702311	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702357	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702358	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702359	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702360	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702361	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702362	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702363	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702364	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702365	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702366	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
702367	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702368	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702369	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702370	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702371	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702372	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702373	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702374	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702375	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702376	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code

2022 Litho geochemistry/Biogeochemistry/Mapping and Prospecting Program
Graphic Lake Property, Ont

702377	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702378	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702379	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702380	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702381	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702382	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702383	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702384	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702385	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702386	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702387	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702388	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
702389	20/01/2022	20/01/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Code
721093	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721094	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
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721096	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721097	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721098	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721099	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721100	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721101	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work
721102	20/04/2022	20/04/2024	Single Cell Mining Claim	(100) Canada Critical Resources Corp.	Work

2 Location, Access, Topography and Wildlife

The project area is located ~40km SE of the town of Kenora, and 20km North of Sioux Narrows (Figure 1). The topography of the area is dominated by mixed forest with small undulating hills found between swamps and lakes in the area. Topographical highs across the property are typically marked by whaleback outcrops of varying lithologies. Topographical lows are infilled by bog/swamp where no rock is exposed, and little vegetation grows. Several lakes are found across the property with the largest lake (Graphic Lake) located within the centre of the claims. Lakes across the area are fed by small rivers, which then drain westwards towards the Lake of the Woods.

Access to the property is provided via highway 71, which runs North-South through the centre of the property. Access to the Eastern and Western extents of the property are found via old forestry access roads. These roads contain deep potholes and should be handled with caution. From these roads, the furthest extents of the claims require hiking through thick bush and deadfall to reach the claim edges.

Characteristic wildlife in the area includes moose, black bear, wolf, lynx, grouse, woodpecker, and bald eagle. Vegetation in the area includes birch trees, white and black spruce, and balsam fir trees.

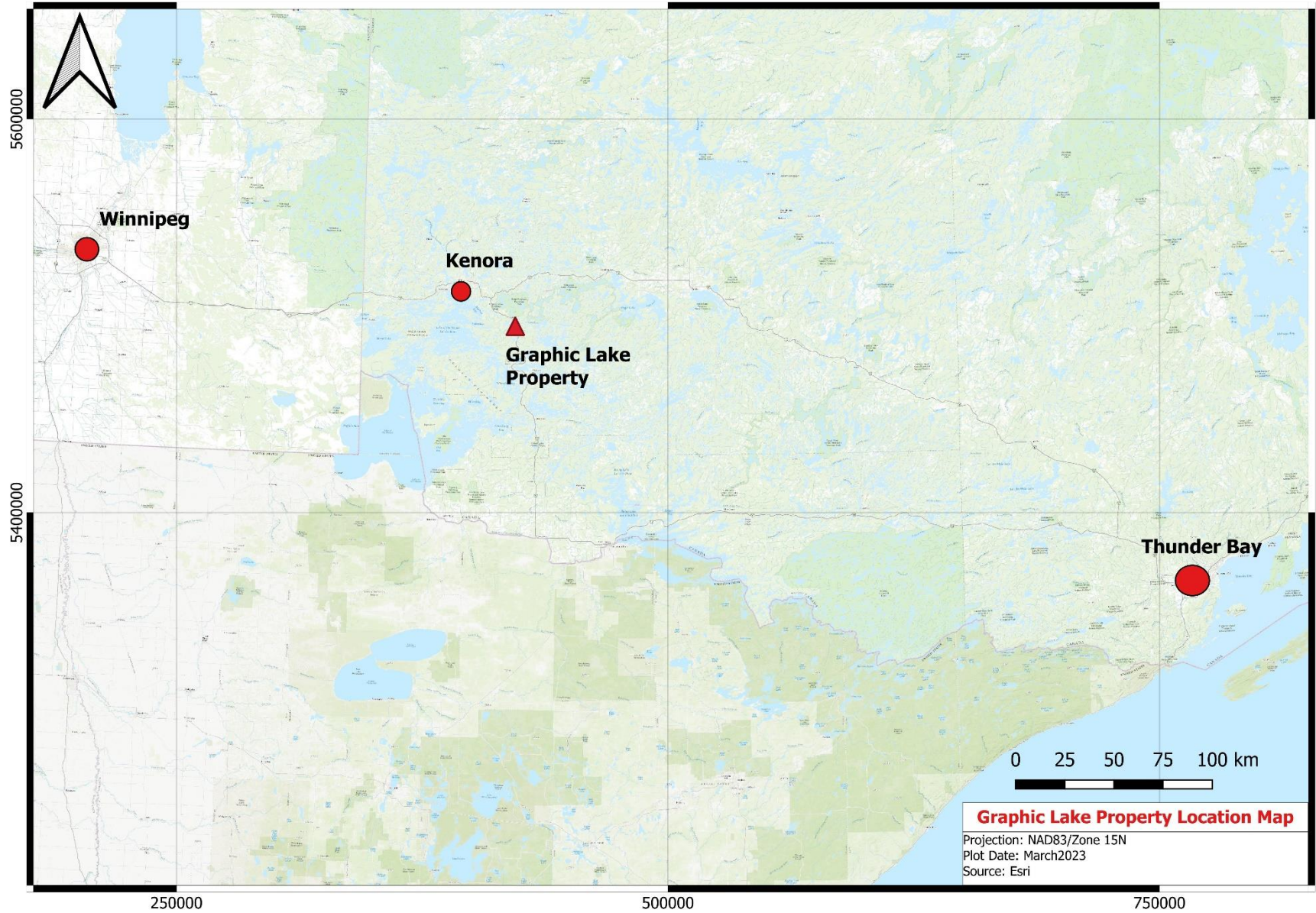


Figure 1: Graphic Lake Property location map.

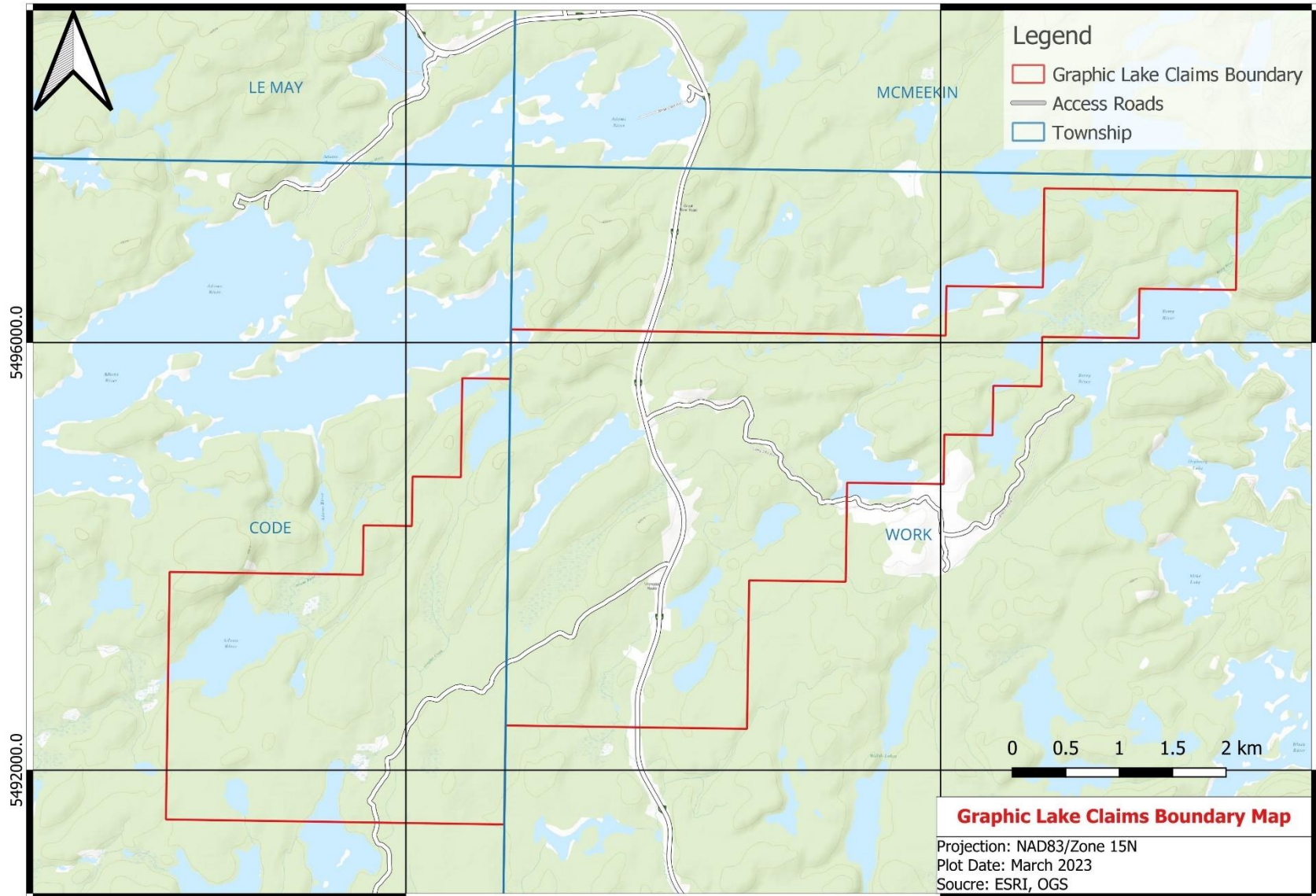


Figure 2: Graphic Lake Claims Boundary.

3 Claims, Ownership and Exploration history

Initially claims 586180, 5861093, and 586181 were staked by David Clement in April 2020, and held 100% ownership. In 2021 Troy Gallik and David Clement became joint partners of these claims with a 50/50 ownership and staked more claims. In 2020, a grassroots prospecting program was undertaken by David Clement and 13 grab samples were taken.

On February 8th, 2022, Canada Critical Resources Corp. (CCR) completed an option agreement with Troy Gallik and David Clement for 100% ownership of the claims. Following the acquisition of claims by CCR, the remaining claims found in Table 1 were staked (Figure 3).

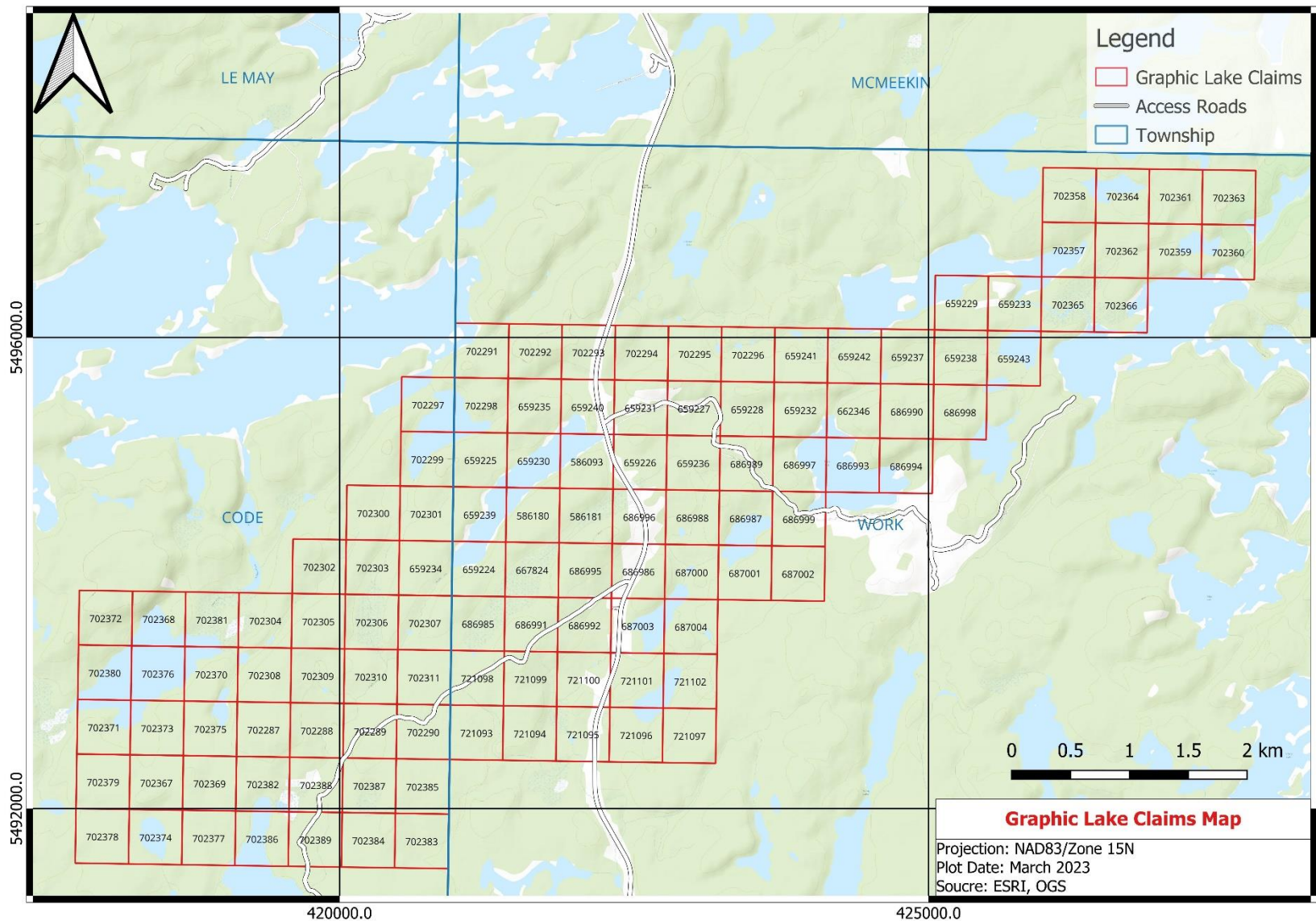


Figure 3: Graphic Lake Property claims map.

4 Geology

4.1 Regional Geology

The Graphic Lake property is located within the Wabigoon Subprovince of the Canadian Shields' Archean Superior Province. The property is located more specifically within the Western Wabigoon Subprovince. This is characterised by the Kakagi Lake-Savant Lake and Lake of the Woods greenstone belts, and several large plutonic bodies (Tomlinson et al., 2004).

The Lake of the Woods Greenstone Belt is characterised by three lithostratigraphic assemblages. These consist of; a lowermost mafic volcanic assemblage, which then grades to a compositionally diverse volcanic middle assemblage, and an uppermost sedimentary package (Ayer & Davis, 1997). The rocks in the area have been regionally metamorphosed, and the degree to which metamorphism has taken place is low pressure greenschist facies to lower amphibolite facies. This metamorphism is found to be caused by aureoles of pre and post tectonic plutons (Easton & Berman, 2004).

4.2 Property Geology

The Stratigraphy in the area can be summarised by three main units. An extensive and varied Metasedimentary unit, a poorly exposed Metavolcanic Unit and a spatially extensive and slightly varied Foliated Tonalite/Granodiorite Suite and a large diabase dyke in the southwest of the property (Figure 4). All three are intruded throughout by pegmatites of variably evolved compositions. Pegmatites are found roughly parallel to regional foliation of the host rocks (Gallik & Clement, 2022). Beryl bearing pegmatites have historically been identified in the property area. These beryl bearing pegmatites are hosted within the Royal Island Group Metasedimentary Rocks (Trowel, 1979, Breaks et al., 2003).

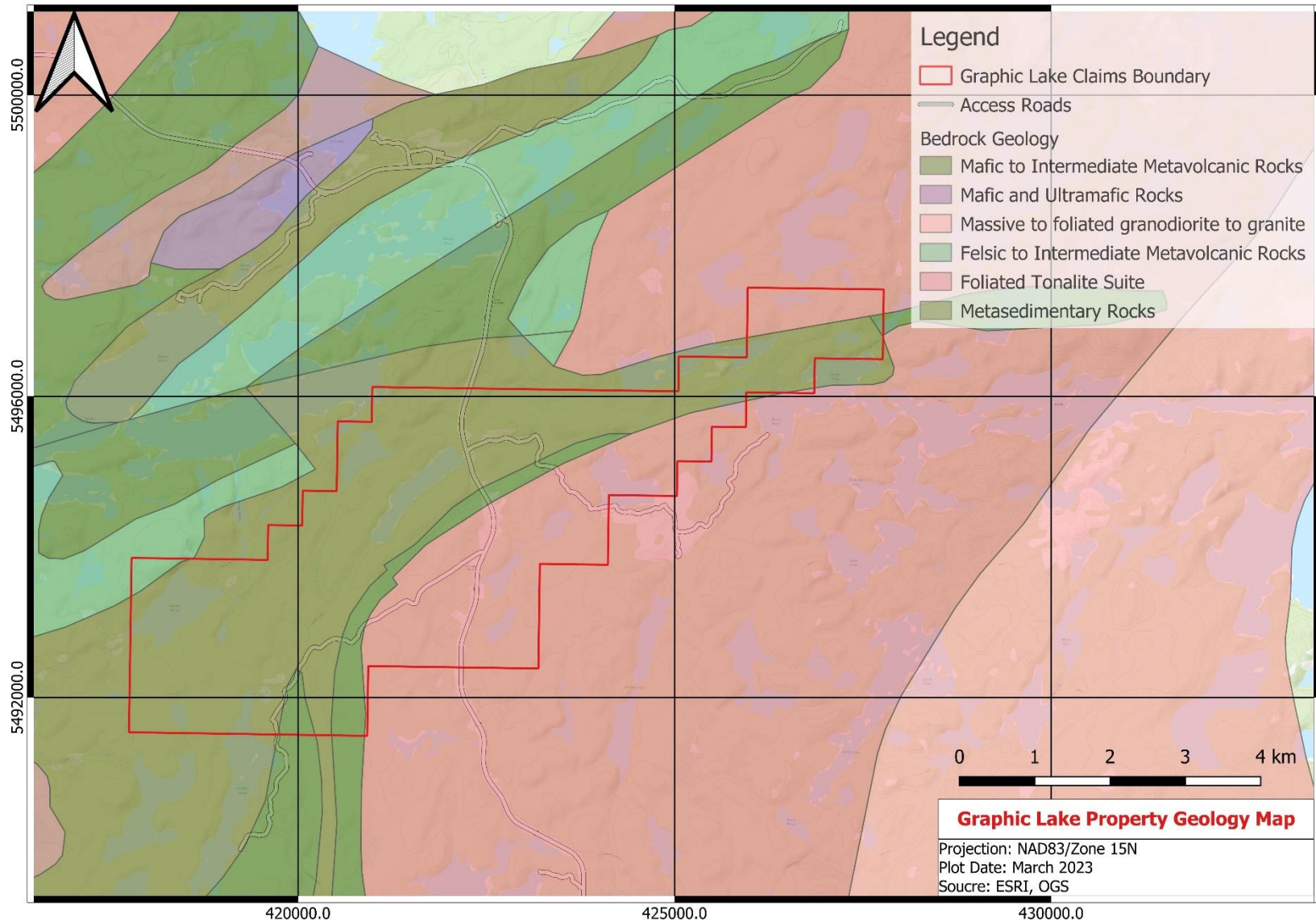


Figure 4: Graphic Lake Property geology map.

5 2022 Surface Exploration Programs

Coast Mountain Geological Ltd. Was commissioned by CCR to facilitate several ground surveys across the Graphic Lake property following the acquisition of the property in February 2022. Three distinct surveys were proposed to be carried out concurrently, and these consisted of:

1. A biogeochemical (BGC) sampling survey trending NE to SW across the entirety of the property.
2. A lithogeochemical (LGC) sampling survey trending NE to SW across the entirety of the property.
3. Property wide mapping and prospecting in proximity to the tonalite-metasediment contact where pegmatites have been noted historically.

A field crew of 6 personnel consisting of geologists and geotechnicians (Emmett Hart, Aidan Crilly, Scott Pollock, Paul Specken, Demitrios Kaguras, and Christopher Harrop) from CMG, including the author, conducted the work between June 1st and June 28th of 2022.

5.1. Biogeochemical Program

A biogeochemical (BGC) sampling campaign was planned across the property which consisted of a proposed 1,188 sample sites (Figure 5). These samples sites were plotted along 37 sample lines which ran perpendicular to geological contacts between a mapped tonalite suite, metasediments, and metavolcanics. 58.8km of total line km were traversed as part of the BGC program. Known pegmatites in the area have been shown to be hosted approximately parallel to the foliation of the host rocks (040 – 050 degrees). Due to the thin nature of pegmatite bodies sample spacing between sample sites was kept to 50m (with a 10m maximum buffer from the proposed site) to reduce the risk of missing a geochemical anomaly associated with an LCT pegmatite.

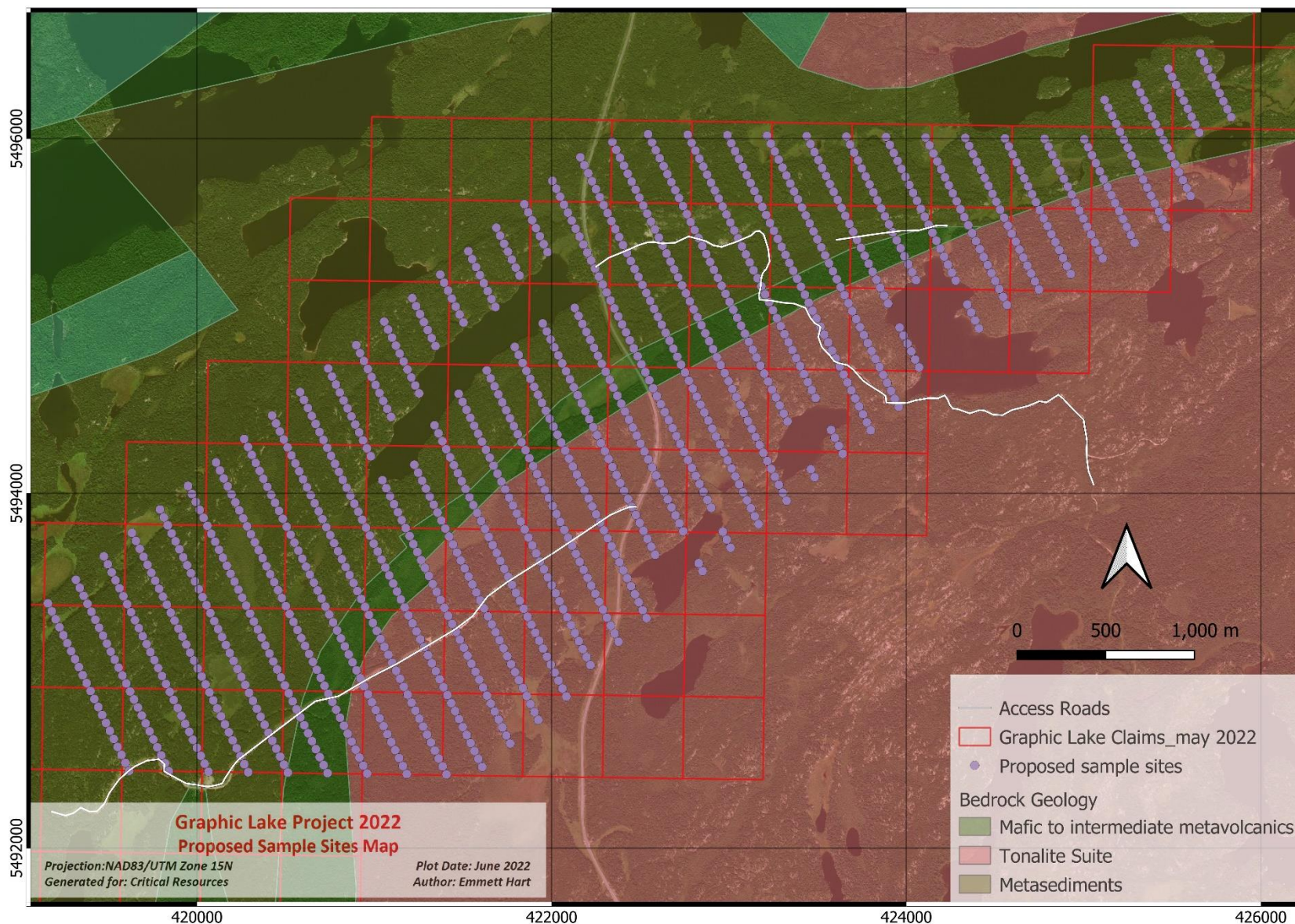


Figure 5: Proposed sample location sites on the Graphic Lake Property.

The sample medium for a lithium based biogeochemical survey was black spruce trees. A standard operating procedure was established to ensure sampling among multiple teams remained consistent. This consisted of ensuring a tree was alive, and greater than 10cm in diameter. Bark was scraped from black spruce trees and placed into hubco bags until the bag was approximately 75% full, or approximately 100g weight. The sample was taken from approximately chest high on all trees. Multiple trees within a 3-5m radius could be used as a sample medium if one tree did not produce enough bark for a sample. Trees with a wider trunk were given preference over thinner based trees for sampling due to the longer growth history and wider root base for catchment area. Only the bark of trees was sampled with no cambium taken as part of the sample. Sample station information was collected within the QField app in tablets and then data was collated and corrected in the evening at the field camp.

Of the proposed 1,188 sample stations, only 973 sample locations were sampled (Figure 6). A multitude of factors meant that multiple sites could not be sampled. These factors were: no black spruce trees present, trees did not meet the sample criteria (to small, or dead), trees had been felled in recent years within a cut block meaning no trees were present to sample.

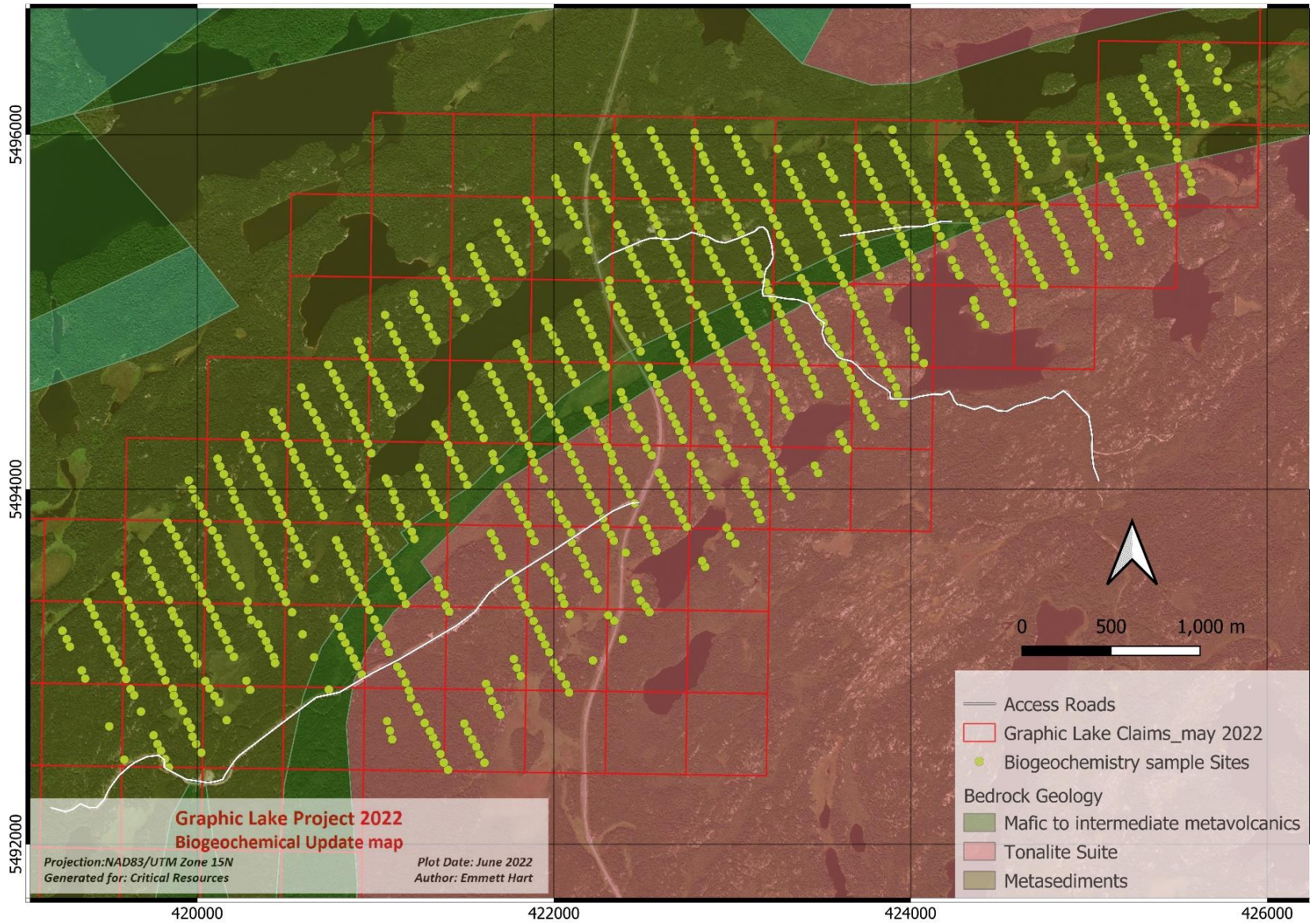


Figure 6: Biogeochemical sample locations across the Graphic Lake Property claims.

5.1.1 Biogeochemical Program Results

Biogeochemical sample results were processed via QGIS. The dataset was loaded into QGIS and then the values were separated based on natural breaks. This separated the values into four different thresholds (Figure 7). The majority of the sample results sit in the lowest thresholds of 10-20ppb, and 20-30ppb lithium. The higher threshold values are concentrated to two areas; West of Graphic Lake where a number of stations along one line see elevated BGC Li values, and an area located in the eastern portions of the property where higher Li values are concentrated along the metasediment-Tonalite contact.

5.1.2 Biogeochemical Program Conclusions

The BGC program results show a prospective zone in proximity to Graphic Lake as this is coincident with results observed in the LGC program results. As lithium is a lithophile element and is a mobile and dispersive element. Lithophile element enrichment and dispersion is typically limited to within 10's of metres of LCT pegmatite system and volcanic greenstone belt host. The presence of the Graphic Lake fault may have aided the dispersion of lithophile elements in the area if the fault activation time was syngenetic to pegmatite emplacement, which would have promoted fluid transportation into the surrounding host rocks. The higher values in the eastern portion of the claims appear to be sporadic and in association with historically mapped pegmatites. As BGC sampling covers a larger area than LGC due to the root system of trees, the results in an area containing historically mapped pegmatites inherently will yield higher values.

Pegmatites containing beryl and tourmaline were observed in the SW portions of the claims. As the BGC results did not return any elevated values of Li, Cs, Ta, or other pathfinder elements associated with LCT pegmatites, it is questionable whether the method works in this environment.

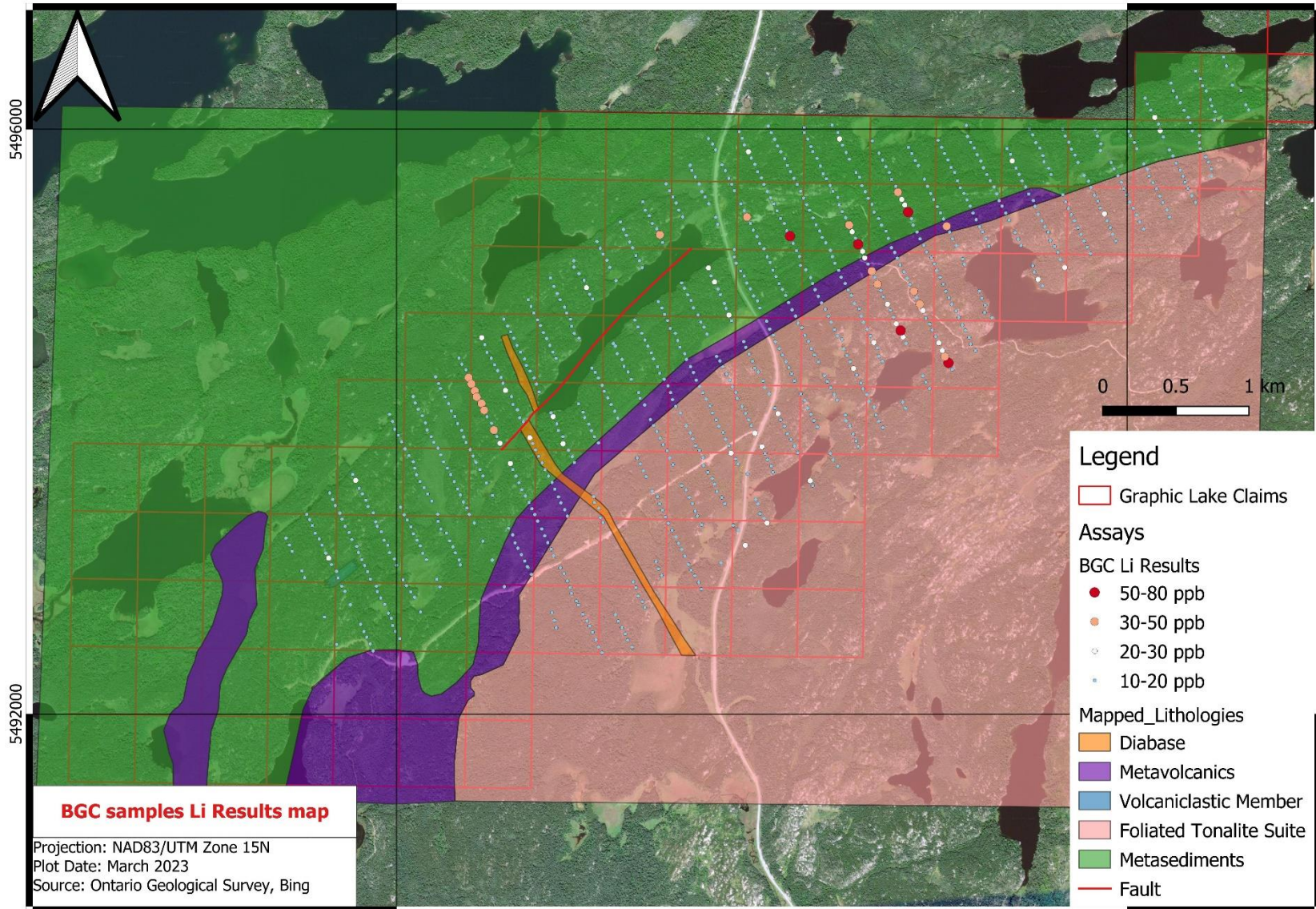


Figure 7: Li results (shown in PPB) from BGC sampling.

5.2. Litho geochemical Program

A litho geochemical (LGC) sampling campaign was simultaneously carried out in conjunction with the biogeochemical (BGC) sampling campaign. 58.8km of total line km were traversed as part of the LGC program. This meant the proposed sample sites for BGC samples were also proposed for the LGC sampling. While BGC sampling can test the ground directly below the trees (and as far as the root system spreads) for anomalous values, the LGC sampling can directly test for mineralisation, alteration, and dispersion of metals of interest of host rocks.

Sampling criteria for the LGC sampling was determined prior to beginning the program. Only outcrop and sub-crop were to be sampled and boulder float was not to be sampled as boulders may have travelled an undetermined distance. Any outcrop/sub-crop observed within 10m of a proposed sample location was to be sampled unless this outcrop was pegmatite, which would be sampled by people carrying out mapping and prospecting. If outcrop/sub-crop was not easily observable, a member of the team would attempt to dig down to ~30cm using a geotool. If no rock was struck by 30cm depth it was determined that no LGC sample could be taken at the site. Outcrop could be easily observed as whalebacks within forestry or covered in caribou moss which could be easily removed from the outcrop to take a sample.

The sample could be made up of rock chips of variable sizes and ideally taken from several locations across the outcrop. Sample weight of two pounds was decided as the benchmark to ensure enough rock could be utilised by the labs. The sample must be void of veins, intrusions, alteration, and not be near geological contacts. Of the proposed 1,188 sample stations, only 595 LGC samples were collected (Figure 8). This is just over 60% of the sampled BGC sites that contained LGC samples. Due to the terrain, which contained a lot of swamp, bog, and marshland a lot of outcrop/sub-crop was covered. In areas between topographic highs (containing outcrop), soil profiles had developed which covered the bedrock.

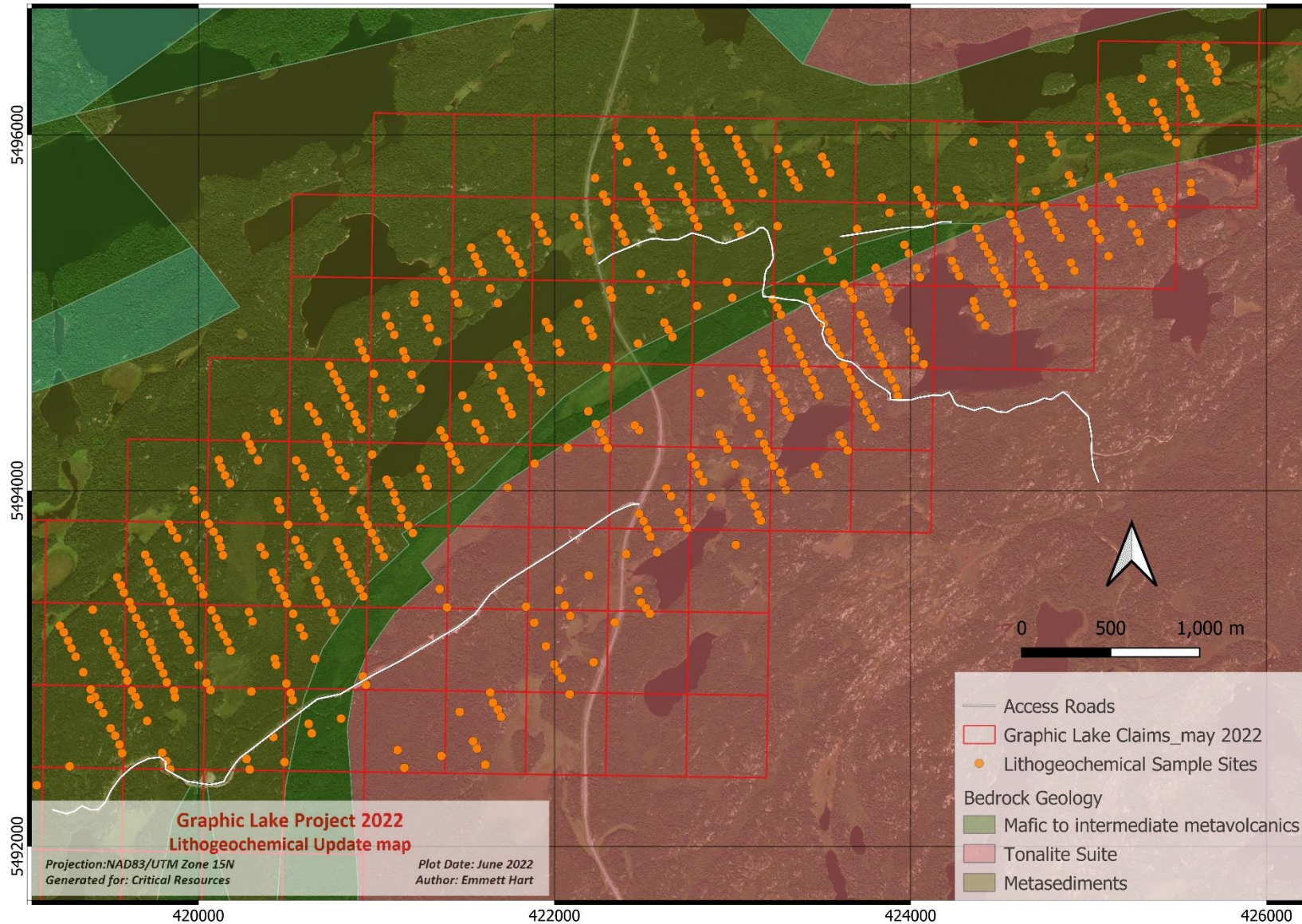


Figure 8: Lithochemical sample location map in the Graphic Lake Property Claims.

5.2.1 Lithogeochemistry Results

The thresholds for sample results were separated based on percentiles. Lithium results were mapped based on the 90th, 95th, 98th, and 99th percentile (Figure 9), as these are the most highly anomalous values observed within the dataset. As seen in Figure 9, the distribution of 90th percentile values and above are dispersed across the sampling programs area. A 2km long zone of more highly concentrated 98th and 99th percentile Li results is observed surrounding Graphic Lake in the centre of the property. The anomalous zone in proximity to Graphic Lake runs parallel to the trend of pegmatites in the area and a mapped fault running through Graphic Lake.

5.2.2 Lithogeochemistry Conclusions and Recommendations

The LGC results show a prospective zone in proximity to and surrounding Graphic Lake in the centre of the property. Due to sample spacing of 50m x 200m it is unlikely that a multiple-station/multiple-line anomaly would be observed. As lithium is a lithophile element and is a mobile and dispersive element. Lithophile element enrichment and dispersion is typically limited to within 10's of metres of LCT pegmatite system and volcanic greenstone belts. The presence of the Graphic Lake fault may have aided the dispersion of lithophile elements in the area if the fault activation time was syngenetic to pegmatite emplacement, which would have promoted fluid transportation into the surrounding host rocks.

As the largest anomalous area is found within a 2km x 1km area surrounding Graphic Lake, it is recommended that this is followed up with a more densely spaced LGC sampling campaign. Sampling is recommended to be doubled from the previous sampling campaign at a 25m x 100m spacing to provide a more defined area for potential LCT pegmatite emplacement. It is also recommended to extend the previous sample campaign to the SW as results from grab samples (see section 5.3.1) show that pegmatites are becoming more highly fractionated towards the SW direction.

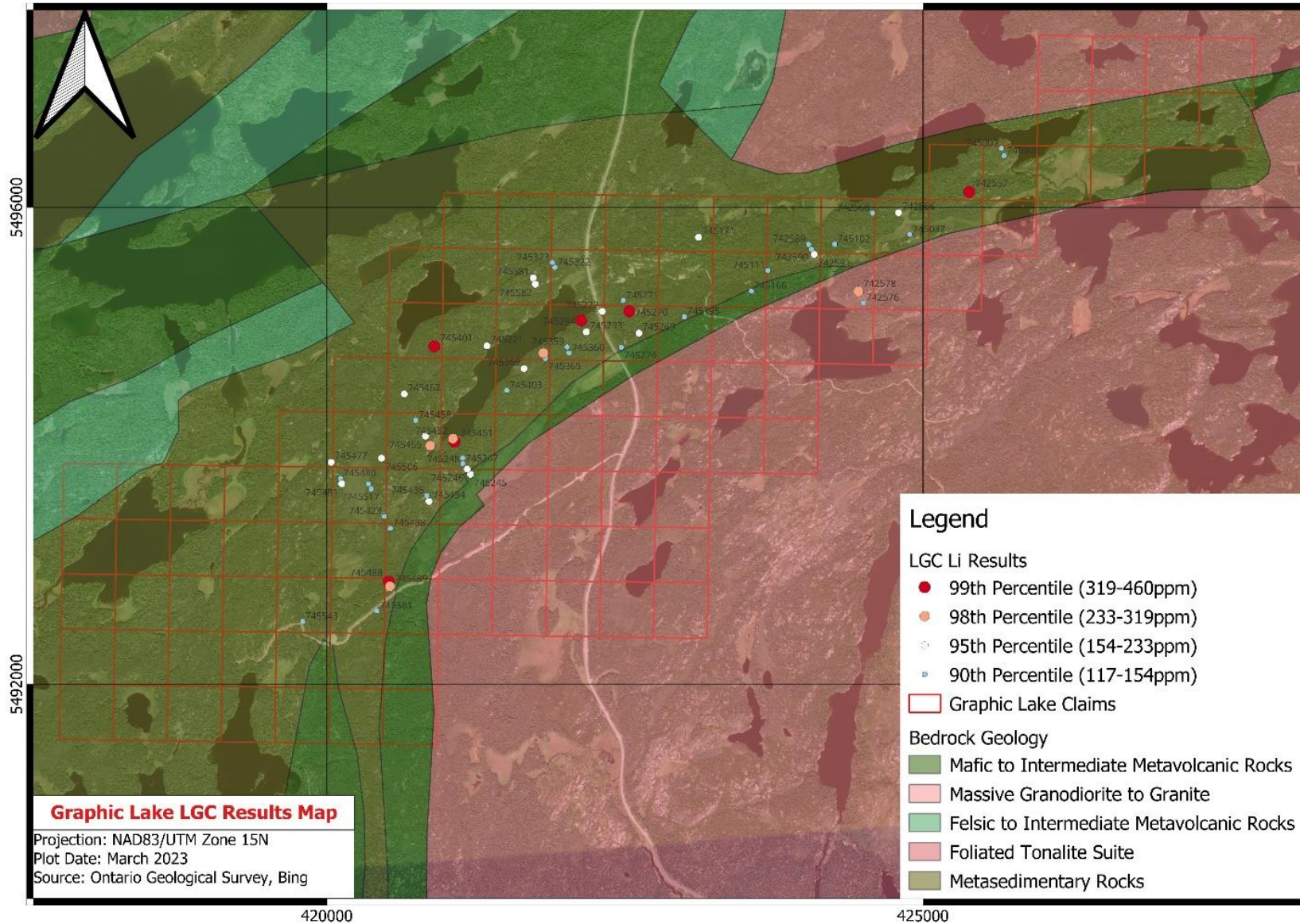


Figure 9: Li results in LGC sampling program

5.3. Mapping and Prospecting

Mapping took place between the 1st to the 20th of June 2022 across 73 contiguous claims on the Graphic Lake property. This was undertaken primarily by Aidan Crilly and Paul Specken as complementary work to a litho geochemical and biogeochemical survey covering the same area. The total extent of the Graphic Lake Property (113 claims) extends further to the south-west but due to time restraints and project scope we were unable to map outside the designated survey area.

New pegmatites were successfully mapped and sampled over the course of this mapping program. A total of 62 grab samples were collected during the mapping and prospecting survey. All grab samples were of pegmatites encountered in the claim block. Most historic pegmatites (discovered prior to Canada Critical Resources Corp. acquisition of the property) were verified but several were unable to be located.

Stratigraphy

The Stratigraphy in the area can be summarised by three main units. An extensive and varied Metasedimentary unit, a poorly exposed Metavolcanic Unit and a spatially extensive and slightly varied Foliated Tonalite/Granodiorite Suite. All three are intruded throughout by pegmatites of variably evolved compositions and a large diabase dyke in the southwest of the property. In-depth descriptions of the observed geology are included below.

Metasediments

The metasediments in this area exhibit a high amount of variation throughout the area. They can be divided into three subunits (garnet-metasediments, layered metasediments, massive-metasediments) and one small grey, fine grained intermediate volcanoclastic member of tufic origin.

The southern mapping area where the metasediments are in contact with the metavolcanics/tonalites a garnet bearing metasediment can be found. This subunit is not entirely laterally extensive but is found in both the western and eastern extents of the property. The matrix is black, fine grained and micaceous with high concentrations of

biotite (40-60%) with sub mm scale red garnets disseminated throughout. The dark red colour of the garnets suggest they are pyrope garnets ($Mg_3Al_2Si_3O_{12}$).

Layered metasediments are commonly found throughout the area and are laterally extensive. These are fine to medium grained, black/grey to green micaceous metasediments. Compositional banding is often visible across mm to m scales with paler more quartz rich layers alternating with finer more biotite rich layers. There is abundant mm to cm scale quartz lenses and veins/veinlets parallel to foliation. These may reflect quartz that was remobilised from the original protolith. Potential aluminium silicates (andalusite?) were found in one location (GLAC22-225).

As you progress to the north the layered metasediments progress into more massive metasediments. These tend to be much harder, more crystalline and exhibit far less compositional banding. Sometimes these metasediments can appear almost chert-like. This difference is also reflected in a topographical change as they make up most of the high ground in the northern sections of the property. Quartz lenses and vein are still present but in a much lower abundance.

Metavolcanics

The presence of Metavolcanic's (MV) is seen quite rarely across the entirety of the collective mapping area; however, it is predominantly seen in pockets of exposed outcrop to the Southwestern side of the claims. The trend of the MV's is interpreted to be the topographic lows that trend NEE to SSW seen in aerial photos as boggy areas and laterally extensive wetlands. These wetlands expand in pockets to the north and south of the extension. This low is due to a density difference causing more erodible areas which naturally become the lows of the surrounding dense resistant rock.

The MV's are primarily a black to dark grey fine grained mafic composition showing moderate to high degrees of foliation. These are dominated largely by biotite rich zones with minor potential quartz and white feldspars in the sub-1-2mm range. Chloritic alteration can be seen in the compositional layering of the biotite as a dark green to green colour variation but is non-continuous through all the mappable outcrops. Extensive cut block and till cover allowed for only limited mapping abilities in the area to the Southwest where the MV's were primarily seen. From this only one felsic metavolcanic was mapped,

appearing as a light white to pink, fine grained chloritic altered biotite poor (5-10%) unit layered around other mafic units.

Foliated Tonalite Suite

The Tonalite suite consists of three units which exhibit low amounts of variation. These units can be broken up into Granite, Granodiorite and Tonalite bodies which sweep across the southern side of property trending with the other lithological units (NNE-SSW). The main distinction between the tonalite and granodiorite is the potassium feldspar content however no clear trend of the potassium distribution was found.

The dominant lithology is a light to dark grey, or light pink to red, fine to medium, grained equigranular Granodiorite which shows weak to absent foliation. Weak changes in biotite composition range from 5-10% and occasional 20%, potassium feldspar varieties from 0-20% but the units are dominated by quartz. In some areas close to potential shear zones (southern highway outcrops) there are up to 4mm garnets and red quartz with abundant chloritic alteration of the biotite creating a red-green-grey medium grained granodiorite which is distinctly different from the standard bodies described. Potassium rich pegmatites (unevolved) are often seen cross cutting these standard granitic bodies through dykes and smaller stockworks and are distinct in colour contrast.

Unevolved Pegmatites

The unevolved pegmatites found within the property are largely constrained to the areas east of the highway. Their composition ranges from being entirely granitic to exhibiting minor to moderate amounts of silver muscovite books. There is a slight variation in the concentrations of plagioclase and k-feldspar (5-20%). Quartz is always present in moderate amounts (approx 30%) as both fine intergrowths within feldspars, coarse subhedral crystals (up to 5cm) and within graphic textures. Minor coarse biotite flakes are relatively common in these pegmatites and can sometimes be the only mica observed. These unevolved pegmatites form large whaleback outcrops with the largest outcrop being 92m long and 10-12m wide (GLAC22-060).

Evolved Pegmatites

The more evolved pegmatites in the mapping area can be differentiated on the grounds of their muscovite content and the presence of certain rare indicator minerals. These are found predominantly to the western side of the highway and increase in frequency within the metasediments.

Most notably the muscovite within the more evolved pegmatites forms abundant books/clusters and exhibit a distinct green colour. Many of these pegmatites feature aplitic zones with trace to minor sub mm red garnets. As we moved to the west these pegmatites also appeared to become richer in fine grained saccharoidal albite. Distinct indicator minerals were only found in two locations. The first was a pegmatite with several beryl crystals ranging from 0.5-2cm in size (GLAC22-161). The second was a pegmatite vein within a granodiorite outcrop bearing minor mm scale laths of black tourmaline (GLAC22-158).

While the abundance of pegmatitic material increases within the metasediments, the size and mappability of these bodies decreases significantly. Some occur as large mappable structures but often they appear as vein clusters or discontinuous patches parallel/subparallel to foliation. Where larger, mappable evolved pegmatites were observed the pegmatites were orientated 230/85.

Diabase Dyke

This intrusion was found to crosscut all main units on the property with an orientation of 150-125/90. The intrusion lacks any visible foliation and exhibits a chilled margin with grain size and composition changing close to its margins. The core of the intrusion is made up of equal amounts of medium to coarsely crystalline, euhedral/subhedral, laths of black pyroxene and medium grained slightly green feldspar. The margins of the intrusion are made up of 80-90% more finely crystalline pyroxene and 10-20% of the feldspar.

Minor sub 1 mm pyrite crystals were found within the intrusion at a single location GLPS22-077.

The intrusion exhibits a dextral offset of approximately 80m. This could be explained by a strike-slip fault running parallel to the lake and conjugate to the fault on the historical map.

5.3.1 Mapping and Prospecting Results

Upon completion of the mapping and prospecting, a new geological map of the Graphic Lake property was formulated (Figure 10). The new map is similar to the 1:250,000 mapped bedrock produced by the Ontario Geological Survey (Figure 11). The contacts between the Foliated Tonalite Suite, Metavolcanics, and Metasediments vary in comparison to the OGS mapped bedrock, where the Metavolcanic contact has a more undulating contact and more laterally extensive than previously mapped. The inclusion of a diabase dyke is a new addition that was unseen prior to the work.

While no ore minerals associated with LCT deposits were found on the property, the change in the pegmatite's mineralogy moving from the north-east to the south-west and the presence of beryl-pegmatite/tourmaline pegmatite may suggest a more evolved region of the system is present further to the south-west/south. The emplacement of the pegmatites in this area may also be loosely controlled by the foliation in the host rocks.

Lithium values in pegmatite grab samples across the property remained below 100ppm and shows no clear trend or pattern to the higher values of 67-83ppm Li (Figure 13). The highest values are seen in proximity to a fault observed cross-cutting Graphic Lake which may suggest a structural control on more evolved pegmatites in the area. The fractionation pattern of K/Rb observed in both the pegmatites and assay results on this property suggests the system is becoming more evolved to the southwest of the property (Figure 14).

Assay results of Li in pegmatite grab samples (Figure 13) are concordant with those observed in the LGC sample program. The highest lithium values observed are in pegmatites in the LGC anomalous zone surrounding Graphic Lake, specifically the south-eastern side of the Graphic Lake fault.

5.3.2 Mapping and Prospecting Conclusions

Whilst the highest Li value pegmatites are within the anomalous zone identified in proximity to Graphic Lake, the lithium values themselves are not concordant with anomalous granitic or LCT pegmatites observed elsewhere in NW Ontario. However, K/Rb ratios of the pegmatites show that the trend of pegmatites becoming more fractionated is in a North-east to South-west direction (Figure 14).

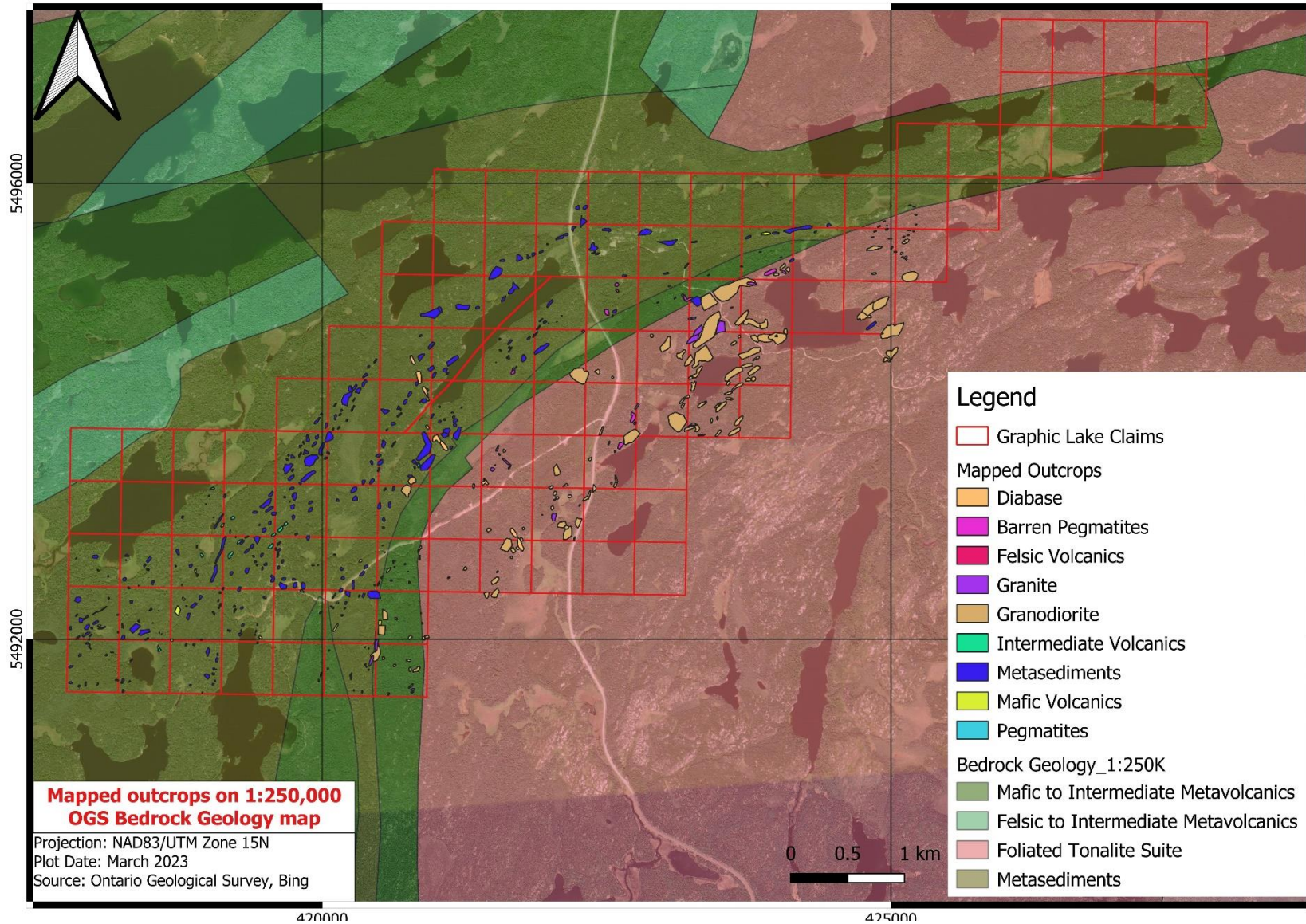


Figure 10: Mapped outcrops overlain on OGS 1:250,000 bedrock geology.

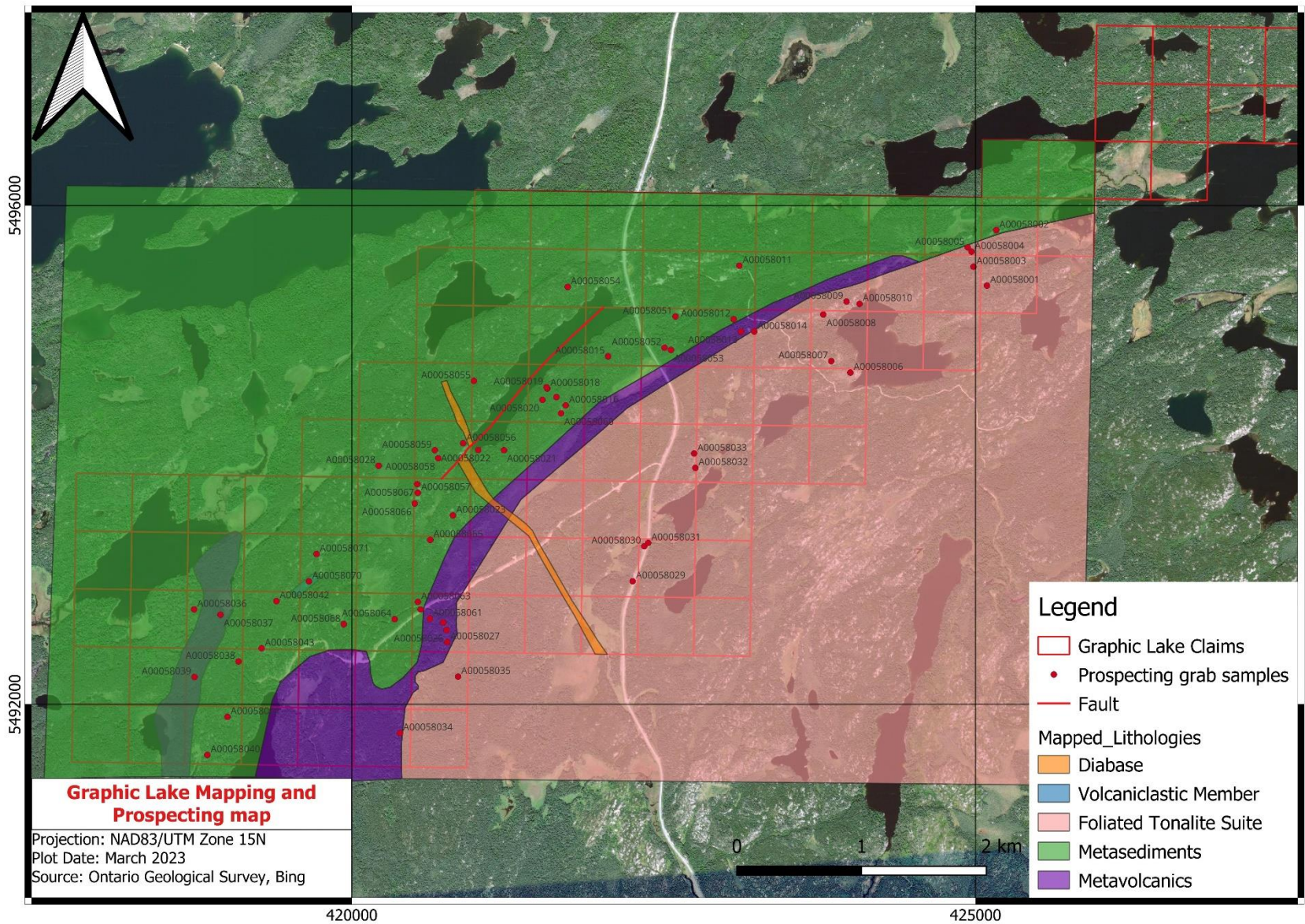


Figure 11: Resultant map from mapping at the Graphic Lake property with grab samples displayed.

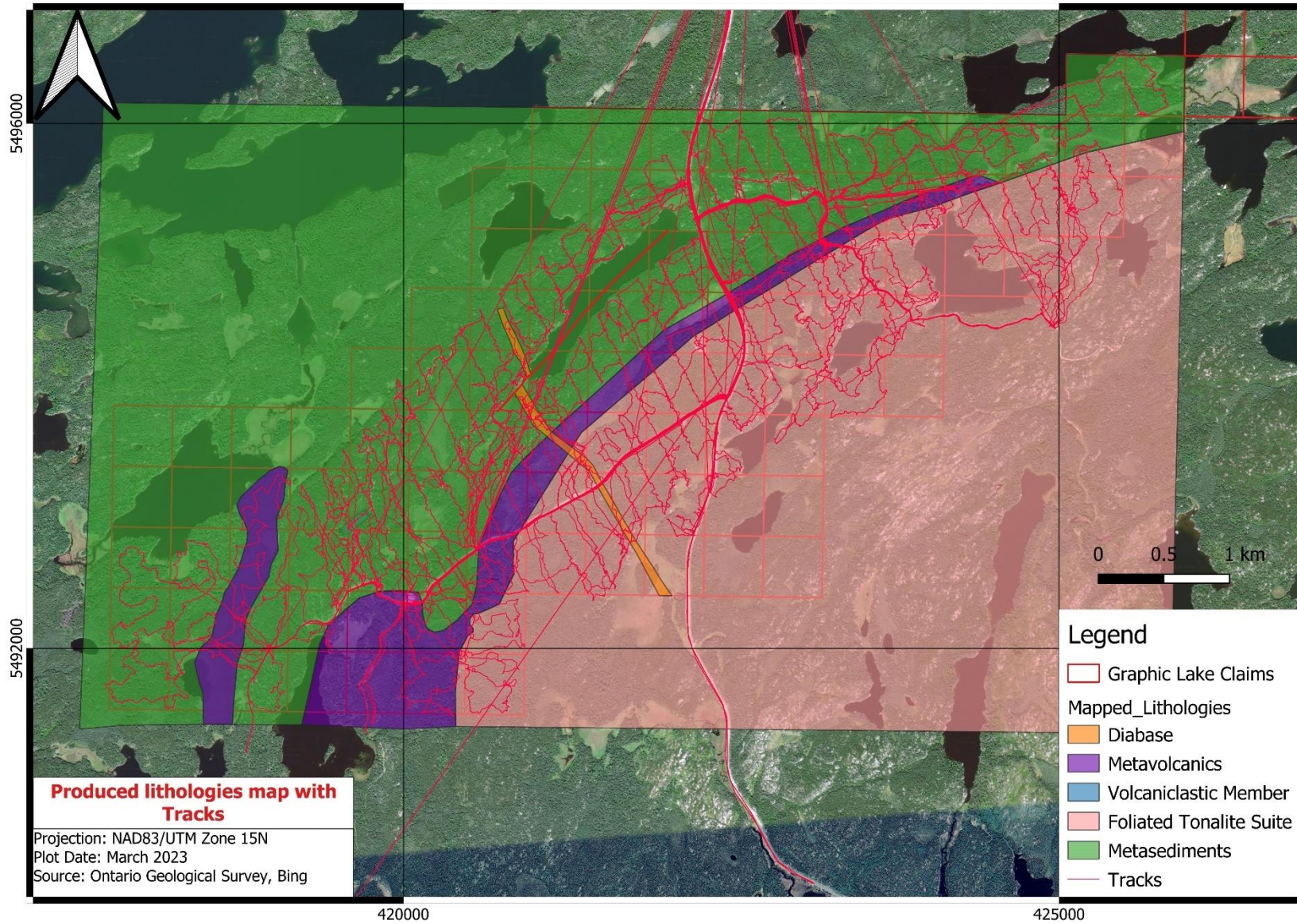


Figure 12: Map displaying tracks walked by crew members during the course of the programs.

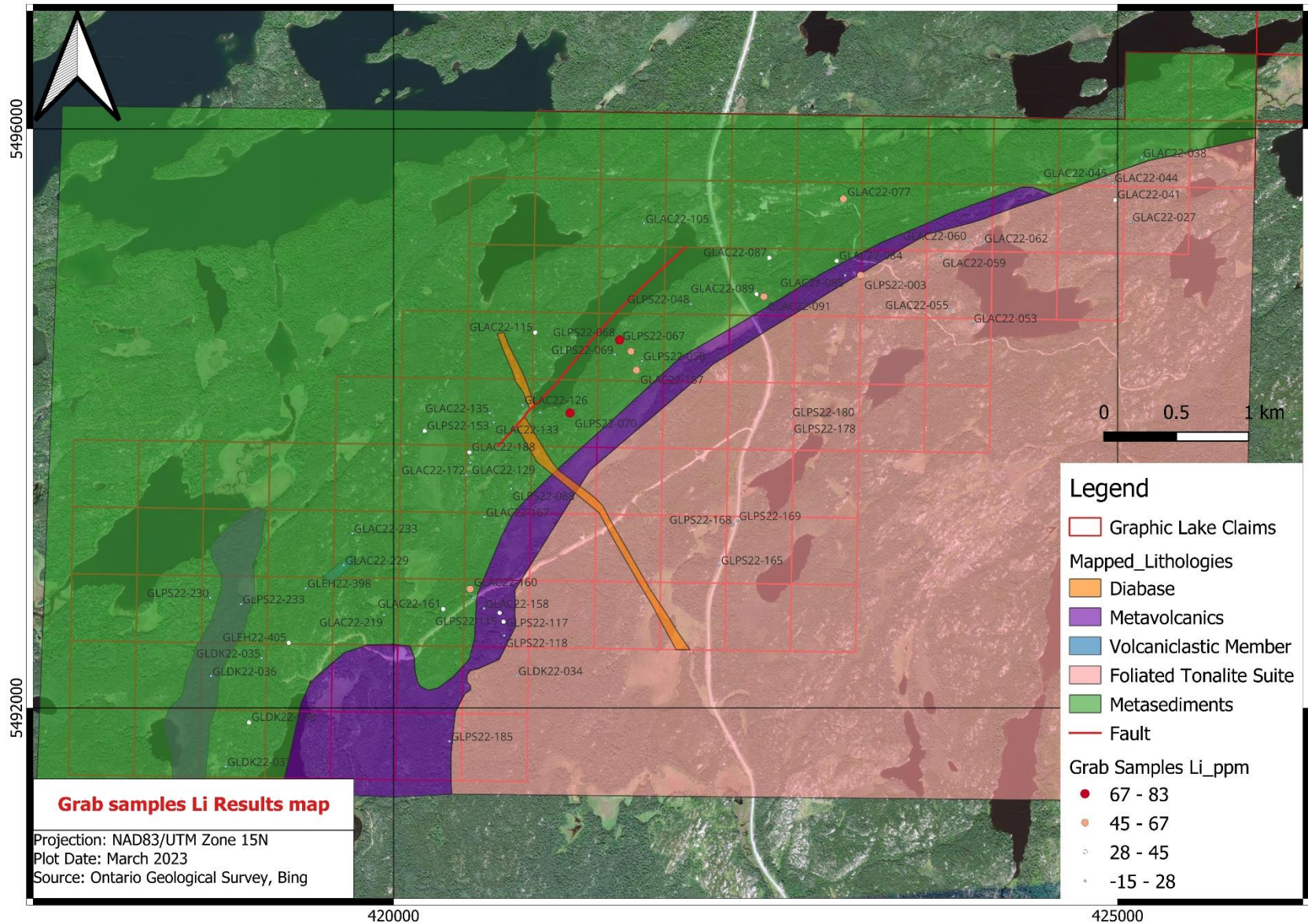


Figure 13: Resultant Li values (ppm) from sampled pegmatite bodies across the Graphic Lake property.

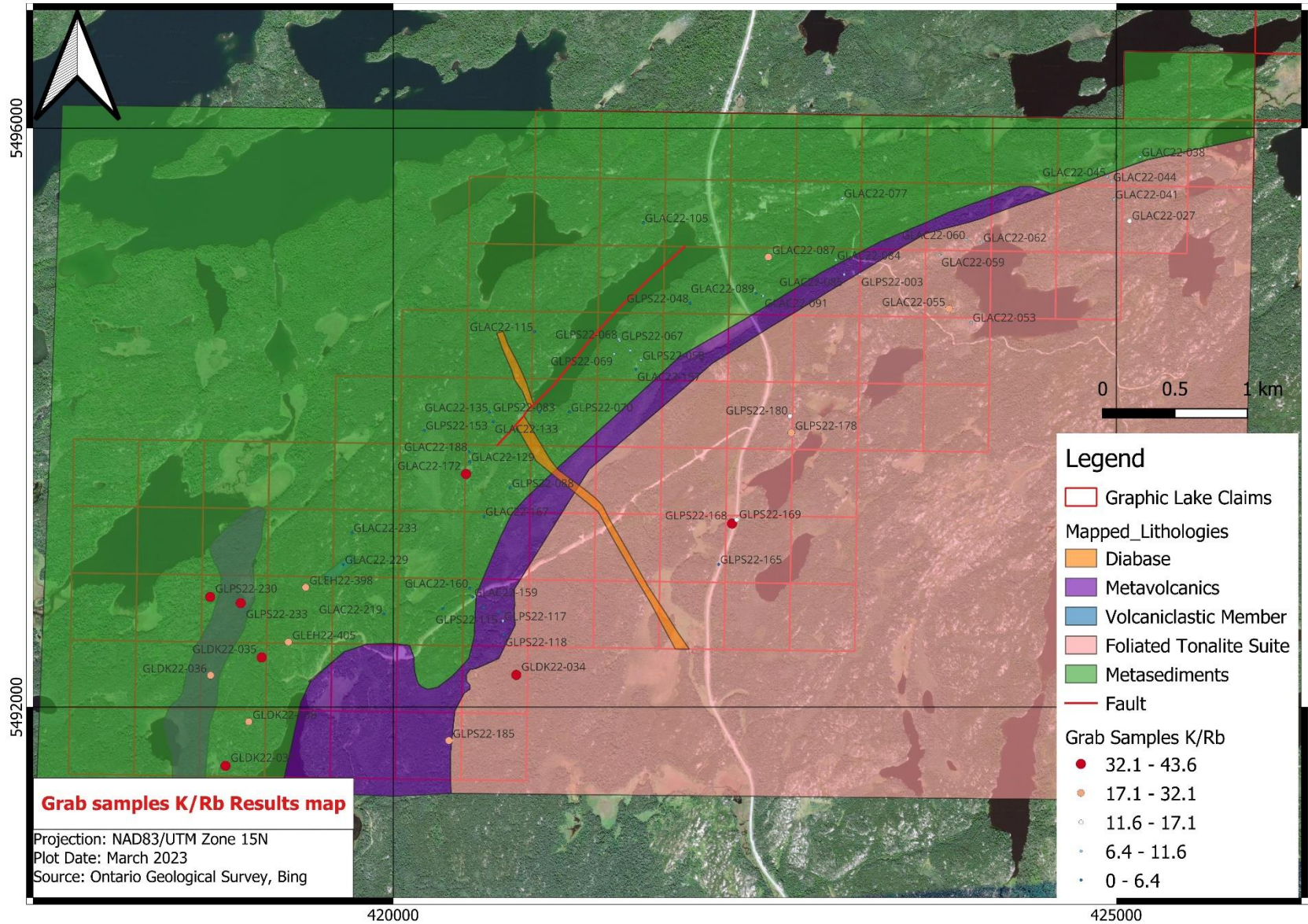


Figure 14: K/Rb ratios of sampled pegmatites. Note increase and possible evolution of pegmatites to the SW.

6 Statement of Expenditure

The expenditure report table (Table 2 and 3) displays the expenditure allocated to each claim following the work performed by CMG staff. A total expenditure of \$226,910.60 is submitted for assessment credit. These expenditures were accrued for 28 days of mapping and prospecting, lithochemical, and biogeochemical sampling between June 1st and June 28th of 2022. A total of 1,627 samples (lithochemical, biogeochemical, and grab samples) were taken across the claim block from 78 claim cells.

Table 2: Expenses related to the Graphic Lake Property

Claim ID	Samples Taken	% of samples	Expenses Allocated
702375	2	0.12	278.93
702386	0	0	0
702388	2	0.12	278.93
702310	28	1.72	3905.04
702300	8	0.49	1115.73
702307	37	2.27	5160.23
702301	31	1.91	4323.43
702298	2	0.12	278.93
586180	37	2.27	5160.23
686986	27	1.66	3765.57
702294	33	2.03	4602.37
659236	29	1.78	4044.5
686987	26	1.6	3626.11
659241	19	1.17	2649.85
686994	0	0	0
659238	29	1.78	4044.5
702376	0	0	0
702372	0	0	0
702369	2	0.12	278.93
702381	0	0	0
702382	0	0	0
702302	8	0.49	1115.73
702297	0	0	0
659225	26	1.6	3626.11
721095	2	0.12	278.93
702293	11	0.68	1534.12
687003	18	1.11	2510.38
687004	5	0.31	697.33
686999	22	1.35	3068.24
662346	33	2.03	4602.37
659242	20	1.23	2789.31
702364	0	0	0
702361	0	0	0

702367	0	0	0
702384	1	0.06	139.47
702383	0	0	0
686985	24	1.48	3347.18
659224	30	1.84	4183.97
659235	25	1.54	3486.64
686995	23	1.41	3207.71
721096	0	0	0
702295	30	1.84	4183.97
702362	0	0	0
702360	0	0	0
702363	0	0	0
702373	0	0	0
702305	35	2.15	4881.3
702311	21	1.29	2928.78
721098	10	0.61	1394.66
721100	20	1.23	2789.31
586093	28	1.72	3905.04
659227	30	1.84	4183.97
659228	26	1.6	3626.11
686997	31	1.91	4323.43
686990	39	2.4	5439.16
702365	0	0	0
702378	0	0	0
702379	0	0	0
702380	0	0	0
702287	11	0.68	1534.12
702288	26	1.6	3626.11
702289	11	0.68	1534.12
702303	29	1.78	4044.5
702385	1	0.06	139.47
702292	0	0	0
721097	0	0	0
721102	0	0	0
687000	31	1.91	4323.43
686993	12	0.74	1673.59
659243	8	0.49	1115.73
659233	24	1.48	3347.18
702358	0	0	0
702366	0	0	0
702374	0	0	0
702371	0	0	0
702377	2	0.12	278.93
686992	20	1.23	2789.31
687001	17	1.04	2370.92
659232	33	2.03	4602.37
686998	20	1.23	2789.31

659229	21	1.29	2928.78
702357	0	0	0
702368	0	0	0
702308	26	1.6	3626.11
702304	6	0.37	836.79
702389	0	0	0
702290	16	0.98	2231.45
702299	6	0.37	836.79
721093	16	0.98	2231.45
586181	26	1.6	3626.11
721101	8	0.49	1115.73
686996	20	1.23	2789.31
659226	29	1.78	4044.5
686988	33	2.03	4602.37
659237	27	1.66	3765.57
702359	0	0	0
702370	0	0	0
702309	42	2.58	5857.56
702387	0	0	0
702306	31	1.91	4323.43
659234	41	2.52	5718.09
659239	22	1.35	3068.24
702291	0	0	0
721094	19	1.17	2649.85
721099	5	0.31	697.33
686991	10	0.61	1394.66
667824	19	1.17	2649.85
659230	16	0.98	2231.45
659240	21	1.29	2928.78
659231	33	2.03	4602.37
686989	40	2.46	5578.63
702296	19	1.17	2649.85
687002	0	0	0

Table 3: Expenses related to the Graphic Lake Property

Account Name	Expenditure \$CAD
Graphic Lake - Motor Vehicle Fuel / Oil	389.06
Graphic Lake - Due Diligence/Permits - Herthington	4216.08
Graphic Lake - Travel & Accom. Expenses	850
Graphic Lake - Meals	147.96
Graphic Lake - Biochem/Lithogeo/mapping - Coast Mountain	132207.78
Graphic Lake - Pegmatite/Rock chip sampling - SGS	50887.9
Graphic Lake - Assays - Actlabs	38211.82
Total:	226910.6

7 Conclusions and Recommendations

Upon completion of the Graphic Lake exploration program, a number of conclusions and recommendations have been made. Following the completion of mapping it can be seen that the bedrock geology map produced by the geological survey is quite accurate with only minor changes made to the contacts of different lithologies. More pegmatites have been discovered than previously observed in the area. These pegmatites appear to be evolving in the SW direction, as shown by the presence of beryl and tourmaline within pegmatites to the SW, along with K/Rb fractionation trends seen in grab samples of pegmatites. The pegmatites are following the regional foliation. As they appear to be following the contact between tonalites and metasediments/metavolcanics, it is plausible that the pegmatites will follow the contact and foliation to the south. While no ore minerals (spodumene, lepidolite, etc.) were observed, accessory minerals such as beryl and tourmaline were observed, showing that the system is evolving to the SW and that fluxing elements which aid in pegmatite generation are present within the system.

Unfortunately, the use of biogeochemical sampling has not yielded any discernible results within the claims. The highest Li values observed are proximal to previously mapped, unevolved pegmatites. Lithogeochemical sampling coupled with mapping and grab samples have proven to be the most effective exploration tools to be utilised in the Graphic Lake area.

Recommendations:

- Acquire more claims to the SW and follow the geological contact between the Tonalite suite and metasediments to find more pegmatites.
- Carry out bulk sampling for an array of pegmatite bodies across the claims and review element ratios for determining enrichment levels and melt evolution trends to the SW.
- Channel sampling of suspected evolved pegmatite bodies is recommended to determine if certain areas within larger pegmatites are displaying signs of evolution and potential mineralisation.
- Employ geophysical methods in target areas to test if potential pegmatite bodies can be defined by geophysics.
- Follow-up on areas of highest Li anomalies surrounding Graphic Lake with denser LGC sampling.

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APPENDIX A – BIOGEOCHEMICAL SAMPLE WORKSHEET

Sample Number	mE_EPSG269	mN_EPSG269	Comments	Sub_Species	Date
795821	422085.2384	5492855	25cm healthy black spruce	Black	22/06/2022 14:54
795822	422068.3928	5492901	~30cm thick. Scaly bark. In mixed forest	Black spruce	22/06/2022 15:02
795823	422041.1404	5492946	~30cm thick. Scaly bark. In mixed forest	Black spruce	22/06/2022 15:11
795824	422015.5936	5492985	~35cm thick. Scaly bark. In mixed forest	Black spruce	22/06/2022 15:11
795825	422219.3216	5493035	~30cm thick. Scaly bark. In mixed forest	Black spruce	22/06/2022 15:38
795811	419626.0835	5492874	~25cm thick. Moderately healthy. Scaly bark.	Black spruce	21/06/2022 16:18
795812	419646.8206	5492839	~30cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 16:39
795813	419684.1493	5492748	~25cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 17:03
795814	419755.0554	5492614	~30cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 17:34
795815	419776.7444	5492565	~25cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 17:46
795816	419796.2072	5492527	~35cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 18:02
795817	419819.3787	5492480	~30cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 18:29
795818	419840.1602	5492433	~35cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 18:50
795819	420022.5772	5492516	~25cm thick. Moderately healthy. Scaly bark. Cut block in coniferous forest	Black spruce	21/06/2022 20:02
795820	419993.2218	5492565	~35cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black spruce	21/06/2022 20:07
795804	419243.9513	5493203	~40cm thick. Moderately healthy. Mixed forest. Scaly bark	Black spruce	20/06/2022 16:04
795805	419267.8378	5493156	~25m thick. Moderately healthy. Mixed forest. Scaly bark	Black spruce	20/06/2022 16:22
795806	419285.7783	5493113	~25m thick. Moderately healthy. Mixed forest. Scaly bark		20/06/2022 16:30
795807	419352.6826	5492979	~25m thick. Moderately healthy. Coniferous forest. Scaly bark	Black spruce	20/06/2022 16:50
795808	419371.237	5492933	~20m thick. Moderately healthy. Coniferous forest. Scaly bark	Black spruce	20/06/2022 16:50
795809	419506.645	5492664	~25m thick. Moderately healthy. Coniferous forest. Scaly bark	Black spruce	20/06/2022 16:50
795810	419590.8453	5492476	~35cm thick. Moderately healthy. Coniferous forest. Scaly bark	Black spruce	20/06/2022 16:50
7455934	419833.882	5493812	~20cm thick, moderately healthy, very Scaly bark	Black Spruce	
7455935	419853.383	5493776	25cm thick. Moderately healthy. Scaly bark. Coniferous forest	Black Spruce	19/06/2022 16:26
7455936	419880.9363	5493733	~30cm thick. healthy. Scaly bark. Coniferous forest	Black Spruce	19/06/2022 16:36
7455937	419897.0007	5493685	~30cm thick. healthy. Scaly bark. Coniferous forest	Black Spruce	19/06/2022 16:39
7455938	419921.4852	5493635	~20cm thick. Taken from two trees. Moderately healthy. Scaly bark. Coniferous forest	Black Spruce	19/06/2022 16:50

7455939	419943.6681	5493600	~25cm thick. Taken from a pine tree. Moderately healthy. Scaly bark. Coniferous forest	Pine	19/06/2022 17:00
7455940	419964.998	5493551	~35cm thick. healthy. Scaly bark. Mixed forest	Black spruce	19/06/2022 17:10
7455941	419988.7379	5493504	~30cm thick. healthy. Scaly bark. Mixed forest. Taken from a pine tree	Pine	19/06/2022 17:17
7455942	420011.2397	5493456	~25cm thick. healthy. Scaly bark. Mixed forest. Taken from a pine tree	Pine	19/06/2022 17:32
745943	420027.4994	5493416	~30cm thick. Moderately healthy. Scaly bark. Taken from pine tree	Pine	19/06/2022 18:13
745944	420052.6026	5493363	~25cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 18:22
745945	420073.5474	5493328	~35cm thick. Moderately healthy. Scaly bark. Taken from pine tree	Pine	19/06/2022 18:35
745946	420099.0337	5493281	~35cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 18:35
745947	420115.4628	5493233	~30cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 18:55
745948	420139.9805	5493189	~35cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:07
745949	420162.8324	5493151	~30cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:17
745950	420179.8082	5493100	~30cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:28
795801	420205.1846	5493056	~25cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:34
795802	420275.6506	5492921	~25cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:49
795803	420296.9505	5492870	~30cm thick. Moderately healthy. Scaly bark.	Black spruce	19/06/2022 19:49
745783	420418.2368	5493540	20 cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 15:45
745784	420436.5837	5493499	25 cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 15:53
745785	420458.1352	5493451	25 cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 16:05
745786	420481.8921	5493409	40 cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 16:16
745787	420497.9571	5493366	35 cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 16:26
745788	420932.2523	5493851	~30cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 17:03
745789	420951.2826	5493808	~30cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 17:12
745790	420973.7643	5493763	~30cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 17:21
745791	420996.6175	5493719	~25cm thick healthy spruce in mixed forest	Black Spruce	18/06/2022 17:32
745792	421016.0291	5493672	~30cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 17:42
745793	421040.0426	5493628	~35cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 17:53
745794	420926.4878	5493405	~30cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 18:42
745795	420906.5102	5493448	~35 cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 18:59
745796	420881.4321	5493493	~25 cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 19:01
745797	420857.1059	5493535	~30cm thick moderately healthy spruce in mixed forest	Black Spruce	18/06/2022 19:09
745798	420837.92	5493583	Taken from 2 15 cm thick moderately healthy spruce trees in mixed forest	Black Spruce	18/06/2022 19:22
745799	420817.6855	5493628	30 cm thick moderately healthy spruce tree in mixed forest	Black Spruce	18/06/2022 19:32
745800	420796.1471	5493673	~35cm thick moderately healthy spruce tree in mixed forest	Black Spruce	18/06/2022 19:44
745987	420532.0201	5493307	~30cm thick moderately healthy spruce tree in mixed forest	Black Spruce	18/06/2022 20:43
745988	420590.8585	5493183		Black spruce	18/06/2022 21:03

745989	420655.4092	5493054	~40cm thick spruce tree. Moderately healthy	Black spruce	18/06/2022 21:03
745990	420737.9851	5492871	~25cm thick spruce tree. Moderately healthy	Black spruce	18/06/2022 21:33
745958	420868.1227	5494001	30 cm, healthy, mixed forest, edge of elope near river.	Black spruce	17/06/2022 07:40
745959	420842.8529	5494028	25 cm, healthy, mixed. Plateau.	Black spruce	17/06/2022 07:51
745960	420826.9411	5494082	30 cm, healthy, mixed forest, plateau.	Black spruce	17/06/2022 07:51
745961	420797.191	5494119	25 cm, healthy, mixed forest, plateau.	Black spruce	17/06/2022 08:07
745962	420786.9808	5494172	25 cm, healthy, mixed, near low whaleback in forest.	Black spruce	17/06/2022 08:17
745963	420745.0966	5494214	20 cm, mod health, between low whaleback and hoggy area. Coniferous.	Black spruce	17/06/2022 08:25
745964	420728.7537	5494263	30 cm, healghy, mixed forest near swampy area.	Black spruce	17/06/2022 08:34
745965	420715.6681	5494303	25 cm, healthy, near low whaleback and boggy area. Mixed forest.	Black spruce	17/06/2022 08:34
745966	420692.43	5494350	25 cm, healthy tree in mixed forest.	Black spruce	17/06/2022 08:53
745967	420671.2499	5494389	25 cm, healthy, mixec forest, near edge of hill.	Black spruce	17/06/2022 09:03
745968	420648.8619	5494435	25 cm healthy tree at bottom of hill in mixed forest	Black spruce	17/06/2022 09:15
745969	420619.0062	5494474	25 cm, healghy, mixed forest. Near bog.	Black spruce	17/06/2022 09:25
745970	420604.3184	5494528	30 cm moderately healthy tree in mixed forest near bog	Black spruce	17/06/2022 09:36
745971	420583.255	5494575	40 cm, healthy, mixed forsd, edge of bog	Black spruce	17/06/2022 09:42
745972	420427.4094	5494435	20 cm, healthy, mixed gorest. Plateau.	Black spruce	17/06/2022 10:28
745973	420447.0278	5494393	25 cm, healthy. In lower area next to los hill. Mixed forest.	Black spruce	17/06/2022 10:28
745974	420475.025	5494355	30 cm, mod health, mixed forest, boggy area.	Black spruce	17/06/2022 10:48
745975	420493.5404	5494302	30 cm, mod health, coniferous forest, boggy area.	Black spruce	17/06/2022 10:53
745976	420512.9974	5494258	30 cm, mod health, coniferous forest. Side of low hill.	Black spruce	17/06/2022 11:05
745977	420536.2953	5494210	20 cm healthy spruce in mixed forest	Black spruce	17/06/2022 11:15
745978	420548.4948	5494170	20 cm, mod health. Edgd of low hill. Mixed forest.	Black spruce	17/06/2022 11:23
745979	420582.2452	5494125	30 cm, healthy, mixed forest. Side of low hill.	Black spruce	17/06/2022 11:36
745980	420599.9992	5494078	20 cm, mod health, side of low whaleback.	Black spruce	17/06/2022 11:45
745981	420619.8079	5494034	30 cm, healthy, mixed forest, in low area between dome low hills,	Black spruce	17/06/2022 11:56
745982	420650.0957	5493990	20 cm, healthg tree, mixed forest. Rocky plateau.	Black spruce	17/06/2022 12:03
745983	420666.5403	5493943	20 cm thick healthy spruce in mixed forest at top of small hill	Black spruce	17/06/2022 12:17
745984	420687.0118	5493899	30 vm, healthy, mixed forest. Slightky rocky plateau.	Black spruce	17/06/2022 12:26
745985	420708.0903	5493852	25 cm, mod healthy tree. Near edge pf rocky plateau before swamp.	Black spruce	17/06/2022 12:39
745986	420779.0838	5493714	35 cm, healthy, on slope at edge of bog. Mixed forest.	Black spruce	17/06/2022 13:02
745839	421091.384	5494433	~25cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 15:48
745840	421070.1905	5494477	~25cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 15:53
745841	421048.8112	5494522	~30cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 16:03
745842	421027.519	5494569	~25cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 16:03

745843	421004.6932	5494610	~30cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 16:20
745844	420985.0093	5494658	~25cm thick tree. Moderately healthy. Very Scaly bark	Black spruce	17/06/2022 16:29
745845	420965.1932	5494697	~30cm thick tree. Moderately healthy. Very Scaly bark	Black spruce	17/06/2022 16:33
745846	420939.4948	5494744	~30cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 16:45
745847	420920.7125	5494789	~30cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 17:00
745848	420901.2787	5494834	~35cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 17:00
745849	420734.9385	5494702	~30cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 17:25
745850	420760.4105	5494655	~30cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 17:25
745901	420781.0794	5494615	~30cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 17:48
745902	420803.052	5494571	~30cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 17:57
745903	420824.2505	5494522	~25cm thick tree. Moderately healthy. Scaly bark	Black spruce	17/06/2022 18:09
745904	420847.9403	5494477	~25cm thick tree. Moderately healthy. Very Scaly bark	Black spruce	17/06/2022 18:09
745905	420875.9565	5494430	~25cm thick tree. Moderately healthy. Very Scaly bark	Black spruce	17/06/2022 18:09
745906	420888.604	5494385	~25cm thick tree. Moderately healthy. Very Scaly bark	Black spruce	17/06/2022 19:01
745907	420913.5563	5494347	~25cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 19:09
745908	420942.0747	5494300	~30cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 19:16
745909	420957.0808	5494258	~20cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 19:23
745910	420975.9529	5494204	~25cm thick tree. Moderately healthy. Fairly Scaly bark	Black spruce	17/06/2022 19:37
745719	421775.8406	5493044	~30cm spruce tree. Moderately healthy tree adjacent to cut block	Black	14/06/2022 18:44
745720	421792.4042	5492994	~35cm spruce tree. Moderately healthy tree	Black	14/06/2022 18:50
745721	421814.0146	5492948	~30cm spruce tree. Moderately healthy tree	Black	14/06/2022 18:57
745722	421611.1086	5492459	~30cm spruce tree. Moderately healthy tree	Black	
745723	421582.0649	5492505	~25cm spruce tree. Moderately healthy tree	Black	14/06/2022 19:43
745724	421564.9138	5492549	~25cm spruce tree. Moderately healthy tree	Black	14/06/2022 19:53
745725	421542.3754	5492591	~30cm spruce tree. Moderately healthy tree	Black	14/06/2022 20:04
745726	421517.4164	5492635	~35cm spruce tree. Moderately healthy tree	Black	14/06/2022 20:10
745727	421497.6078	5492680	~25cm spruce tree. Moderately healthy tree. Mixed forest	Black	
742975	422453.6196	5493922	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 15:15
742976	422427.6036	5493973	Taken from two 20cm thick black spruce trees. Moderately healthy.	Black	12/06/2022 15:25
742977	422409.5407	5494014	~30cm thick black spruce trees. Moderately healthy.	Black	12/06/2022 15:38
742978	422388.1134	5494057	~25cm thick black spruce trees. Moderately healthy.	Black	12/06/2022 15:42
742979	422365.0941	5494105	~25cm thick black spruce trees. Moderately healthy.	Black	12/06/2022 15:48
742980	422330.4493	5494160	~35cm thick black spruce trees. Moderately healthy.	Black	12/06/2022 15:59
742981	422322.5836	5494201	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 16:08
742982	422299.1319	5494239	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 16:18

742983	422280.3269	5494284	~20cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 16:33
742984	422258.7477	5494326	~30cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 16:43
742985	422232.8435	5494375	~30cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 17:00
742986	422213.1215	5494416	~35cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 17:08
742987	422190.0724	5494447	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 17:15
742988	422011.7046	5494377	~20cm thick black spruce tree. Moderately healthy. Taken from two trees	Black	12/06/2022 17:27
742989	422031.7286	5494337	~35cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 17:44
742990	422050.7762	5494284	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 17:55
742991	422074.7983	5494240	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:06
742992	422097.9711	5494198	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:15
742993	422119.0278	5494154	~30cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:23
742994	422144.3184	5494108	~40cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:28
742995	422161.116	5494060	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:37
742996	422187.9107	5494013	~20cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:45
742997	422204.8338	5493968	~25cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 18:53
742998	422235.8328	5493927	~30cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 19:00
742999	422251.5765	5493880	~30cm thick black spruce tree. Moderately healthy.	Black	12/06/2022 19:06
742894	422864.0944	5494903	15 cm healthy spruce in mixed forest	Black	54:54.0
742895	422886.1375	5494858	20cm healthy spruce in mixed forest	Black	05:30.0
742896	422908.1904	5494812	~20cm thick spruce tree. Moderately healthy	Black	11:14.0
742897	422934.1065	5494770	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	16:21.0
742898	422955.3181	5494721	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	26:21.0
742899	422974.614	5494680	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	32:43.0
742900	422997.1662	5494629	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	44:12.0
742951	423017.0345	5494588	~20cm thick spruce tree. Moderately healthy. Mixed forest. Near whaleback outcrop	Black	54:34.0
742952	423047.6892	5494563	~20cm thick spruce tree. Moderately healthy. Mixed forest. Near lake on slope	Black	05:26.0
742953	423059.9907	5494498	~25 m thick spruce tree. Moderately healthy. Mixed forest. Near lake	Black	28:50.0
742954	423082.1252	5494453	~30 thick spruce tree. Moderately healthy. Mixed forest.	Black	49:57.0
742955	423103.85	5494410	~25 cm thick spruce tree. Moderately healthy. Mixed forest.	Black	04:48.0
742956	423127.0488	5494364	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	11:04.0
742957	423148.322	5494320	~35cm thick spruce tree. Moderately healthy. Mixed forest.	Black	24:14.0
742958	423176.7512	5494265	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	35:01.0
742959	423192.0885	5494225	2 20cm thick spruce trees. Moderately healthy. Mixed forest.	Black	46:43.0
742960	423013.8385	5494148	25 cm thick spruce tree. Moderately healthy. Mixed forest. Near bog	Black	06:10.0
742961	422994.8685	5494187	2 25 cm thick spruce trees. Moderately healthy. Mixed forest. Near bog	Black	47:49.0

742962	422970.883	5494233	20cm thick spruce tree. Moderately healthy. Mixed forest	Black	00:56.0
742963	422946.9041	5494275	30 cm thick spruce tree. Moderately healthy. Mixed forest	Black	14:08.0
742964	422927.522	5494315	30 cm thick spruce tree. Moderately healthy. Mixed forest. Near bog	Black	
742965	422886.9308	5494409	30 cm thick spruce tree. Moderately healthy. Mixed forest. Near bog	Black	08:20.0
742966	422860.4324	5494457	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	19:24.0
742967	422838.8478	5494499	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	29:02.0
742968	422817.9506	5494550	~20cm thick spruce tree. Moderately healthy. Mixed forest. Taken from two trees	Black	41:02.0
742969	422794.1642	5494590	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	48:16.0
742970	422772.8737	5494643	~15cm thick spruce tree. Moderately healthy. Mixed forest. Taken from two trees	Black	53:30.0
742971	422746.6605	5494675	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	03:57.0
742972	422730.8635	5494723	~20cm thick spruce tree. Moderately healthy. Mixed forest.	Black	11:07.0
742973	422706.8228	5494765	~20 cm thick spruce tree. Moderately healthy. Mixed forest.	Black	18:23.0
742974	422500.2247	5493829	40 cm thick healthy spruce in mixed forest	Black Spruce	22:53.0
742836	421958.5475	5495401	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 15:10
742837	421931.3206	5495448	~30cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 15:22
742838	421913.3079	5495497	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	
742839	421891.2841	5495538	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	
742840	421868.0404	5495580	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 15:47
742841	421845.2286	5495627	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 15:53
742842	422009.0063	5495755	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 16:15
742843	422020.8447	5495719	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 16:20
742844	422044.8502	5495675	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 16:27
742845	422070.966	5495627	~25cm thick tree, moderately healthy, mixed forest.	Black spruce	
742846	422089.3652	5495574	2, ~20cm thick trees, moderately healthy, boggy	Black spruce	
742847	422111.7463	5495538	~20cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 16:54
742848	422136.9625	5495492	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 17:04
742849	422184.5465	5495399	~35cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 17:23
742850	422197.217	5495350	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 17:34
742901	422466.5946	5495267	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 18:59
742902	422440.9126	5495311	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 19:05
742903	422421.9065	5495356	~20cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 19:09
742904	422398.1775	5495400	~25cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 19:23
742905	422380.309	5495444	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 19:34
742906	422356.1148	5495491	~30cm thick tree, moderately healthy, mixed forest	Black spruce	10/06/2022 19:42
742907	422311.4368	5495580	~30cm thick tree, moderately healthy, mixed forest. Taken from, two trees	Black spruce	10/06/2022 20:01

742908	422294.0801	5495625	~20cm thick tree, moderately healthy, mixed forest. Taken from, two trees	Black spruce	10/06/2022 20:10
742909	422273.4877	5495665	~20cm thick tree, moderately healthy, mixed forest. Taken from, two trees	Black spruce	10/06/2022 20:24
742910	422250.3912	5495718	~30cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 20:32
742911	422227.6258	5495758	~30cm thick tree, moderately healthy, mixed forest. Taken from two trees	Black spruce	10/06/2022 20:45
742912	422182.9957	5495860	~40cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 20:54
742913	422162.6669	5495899	~45cm thick tree, moderately healthy, mixed forest.	Black spruce	10/06/2022 20:58
742914	422134.3038	5495937	~45cm thick tree, moderately healthy, mixed forest.	Black spruce	
742803	422941.27	5495662	~30cm thick spruce tree. Taken from two trees. Moderately healthy	Black	09/06/2022 14:44
742804	422966.417	5495616	~20cm thick spruce tree. Moderately healthy	Black	
742805	422985.642	5495576	~25cm thick spruce tree. Moderately healthy	Black	09/06/2022 15:14
742806	423019.6716	5495535	~25cm thick spruce tree. Moderately healthy	Black	09/06/2022 15:19
742807	423029.365	5495484	~25cm thick spruce tree. Moderately healthy	Unknown/unsure	09/06/2022 15:32
742808	423049.8018	5495437	~35cm thick spruce tree. Moderately healthy	Black	09/06/2022 15:43
742809	422825.9208	5495447	~35cm thick spruce tree. Moderately healthy. Unsure of tree species, pine?	Unsure	09/06/2022 15:57
742810	422806.9476	5495485	~50cm thick spruce tree. Moderately healthy	Black	09/06/2022 16:09
742811	422785.1167	5495530	~25cm thick spruce tree. Moderately healthy. Taken from two trees	Black	09/06/2022 16:24
742812	422765.1161	5495577	~25cm thick spruce tree. Moderately healthy. Sample taken from two trees	Black	09/06/2022 16:42
742813	422741.2853	5495624	~25cm thick spruce tree. Moderately healthy.	Black	
742814	422719.9814	5495665	~30cm thick spruce tree. Moderately healthy.	Black	
742815	422695.4194	5495711	~35cm thick spruce tree. Moderately healthy.	Black	09/06/2022 17:16
742816	422674.6925	5495753	~40cm thick spruce tree. Moderately healthy. Potentially a pine tree	Unsure. Pine?	09/06/2022 17:21
742817	422655.9187	5495799	~35cm thick spruce tree. Moderately healthy.	Black Spruce	09/06/2022 17:34
742818	422629.7892	5495847	~30cm thick spruce tree. Moderately healthy.	Black Spruce	09/06/2022 17:39
742819	422607.1503	5495886	~25cm thick spruce tree. Moderately healthy.	Black Spruce	09/06/2022 17:49
742820	422587.1494	5495933	~25cm thick spruce tree. Moderately healthy. Taken from two trees.	Black Spruce	09/06/2022 18:05
742821	422563.945	5495978	~45cm thick spruce tree. Moderately healthy.	Black Spruce	09/06/2022 18:17
742822	422543.8489	5496023	~40cm thick black spruce tree. healthy.	Black Spruce	09/06/2022 18:29
742823	422345.7508	5495984	~40cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:00
742825	422365.1906	5495939	~40cm thick tree. healthy. Mixed forest	Black Spruce	
742826	422380.9494	5495894	~25cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 19:50
742827	422408.1118	5495848	~20cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 19:59
742828	422427.7145	5495804	~30cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:05
742829	422452.8334	5495761	~20cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:13
742830	422470.4665	5495711	~25cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:25
742830	422496.6699	5495668	~25cm thick tree. healthy. Mixed forest	Black Spruce	

742831	422514.3829	5495623	~35cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:47
742832	422538.3278	5495575	~30cm thick tree. healthy. Mixed forest	Black Spruce	09/06/2022 20:55
742833	422559.5411	5495532	~35cm thick tree. healthy. Mixed forest. No spruce in area. Taken from pine tree	Pine?	09/06/2022 21:06
742834	422580.9873	5495490	~35cm thick tree. healthy. Mixed forest. No spruce in area. Taken from pine tree	Pine?	
742835	422604.3069	5495443	~45cm thick tree. healthy. Mixed forest. No spruce in area. Taken from pine tree	Pine?	09/06/2022 21:30
742755	423802.671	5494358	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 06:49
742756	423777.2046	5494402	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 07:05
742757	423751.6477	5494446	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 07:20
742758	423735.4523	5494486	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 07:37
742759	423709.9612	5494539	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 07:46
742760	423688.8903	5494583	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 07:57
742761	423666.164	5494627	~25cm thick spruce tree. Moderately healthy	Black	
742762	423647.9576	5494669	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 08:21
742763	423622.2667	5494707	~15cm thick spruce tree. Moderately healthy	Black	08/06/2022 08:31
742764	423602.5568	5494760	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 08:43
742765	423580.7729	5494804	~25cm thick spruce tree. Moderately healthy	Black	
742766	423557.7532	5494848	~15cm thick spruce tree. Moderately healthy	Black	08/06/2022 09:07
742767	423540.0948	5494892	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 09:19
742768	423486.2964	5494536	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 10:40
742769	423465.4518	5494580	~20cm thick spruce tree. Moderately healthy	Black	
742770	423449.3013	5494624	~35cm thick spruce tree. Moderately healthy	Black	08/06/2022 11:09
742771	423419.1627	5494670	~20cm thick spruce tree. Moderately healthy	Black	
742772	423400.344	5494714	~30cm thick spruce tree. Moderately healthy	Black	08/06/2022 11:31
742773	423379.5714	5494763	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 11:42
742774	423359.5628	5494805	~15cm thick spruce tree. Moderately healthy	Black	
742775	423331.0658	5494855	~35cm thick spruce tree. Moderately healthy	Black	08/06/2022 12:06
742776	423313.4612	5494898	~35cm thick spruce tree. Moderately healthy	Black	08/06/2022 12:22
742777	423291.4477	5494941	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 12:32
742778	423272.0389	5494989	~20cm thick spruce tree. Moderately healthy	Black	
742779	423251.5184	5495030	~25cm thick spruce tree. Moderately healthy	Black	08/06/2022 12:53
742780	423226.5389	5495078	Taken from 2 15cm thick spruce trees. Moderately healthy	Black	08/06/2022 13:33
742781	423203.3614	5495121	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 13:39
742782	423189.3965	5495165	~30cm thick spruce tre. Moderately healthy	Black	08/06/2022 13:45
742783	423158.7198	5495214	~15m thick spruce tree. Moderately healthy	Black	08/06/2022 13:54
742784	423140.5288	5495256	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 14:04

742785	423117.6591	5495300	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 14:10
742786	423096.995	5495346	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 14:19
742787	423073.6457	5495396	~20cm thick spruce tree. Moderately healthy	Black	08/06/2022 14:23
742678	423706.0672	5495925	~15cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:03
742679	423729.8326	5495878	~20cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:11
742680	423749.5259	5495834	~15cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:21
742681	423773.0436	5495791	~15cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:28
742681	423794.2271	5495740	~15cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:37
742683	423819.111	5495706	~35cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:48
742684	423838.2512	5495648	~35cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 07:55
742685	423700.3537	5495472	~20cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 08:30
742686	423674.8054	5495520	~20cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 08:40
742687	423654.8527	5495561	~20cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 08:48
742688	423633.3776	5495611	~25cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 08:55
742689	423611.7256	5495659	~30cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 09:03
745690	423570.9029	5495752	~20cm thick spruce. Moderately healthy.	Black	07/06/2022 09:22
745691	423549.2812	5495787	~20cm thick spruce. Moderately healthy. Taken from two trees	Black	07/06/2022 09:37
745692	423525.6707	5495834	~20cm thick spruce. Moderately healthy.	Black	07/06/2022 09:52
745693	423503.2938	5495877	~25cm thick spruce. Moderately healthy.	Black	07/06/2022 10:07
745694	423255.9283	5495921	~40cm thick spruce. Moderately healthy.	Black	07/06/2022 10:53
742695	423301.6394	5495837	~20cm thick spruce tree. Moderately healthy	Black	07/06/2022 11:27
742696	423325.0312	5495790	~25cm thick spruce tree. Moderately healthy	Black	07/06/2022 11:41
742697	423348.0307	5495745	~30cm thick spruce tree. Moderately healthy	Black	07/06/2022 11:53
742698	423371.4623	5495705	~25cm thick spruce tree. Moderately healthy	Black	07/06/2022 12:14
742699	423387.7736	5495658	~25cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 12:24
742700	423415.7985	5495611	~20cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 12:31
742751	423430.9826	5495571	~25cm thick spruce tree. Moderately healthy. Mixed forest	Black	07/06/2022 12:39
742752	423457.0924	5495521	~25cm thick spruce tree. Moderately healthy. Mixed forest. Taken from 2 trees	Black	07/06/2022 12:49
742753	423477.5118	5495483	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	07/06/2022 13:10
742754	423500.522	5495434	~25cm thick spruce tree. Moderately healthy. Mixed forest.	Black	07/06/2022 13:18
742630	424618.0342	5495864	~50 cm thick, moderately healthy. Mixed forest.	Black	
742631	424642.6948	5495824	~15cm thick, moderately healthy. Mixed forest. Taken from 2 tree	Black	06/06/2022 07:26
742632	424662.8809	5495774	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 07:33
742633	424478.6371	5495692	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 07:51
742634	424461.6658	5495734	~50cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 07:57

742635	424430.858	5495779	~35cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 08:08
742636	424422.9193	5495821	~20cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 08:11
742637	424401.5214	5495872	~40cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 08:16
742638	424374.5062	5495909	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 08:25
742639	424352.4805	5495962	~35cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 08:30
742640	424330.0513	5496002	~40cm thick, moderately healthy. Mixed forest.	Black	
742641	424177.4651	5495868	~35cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 09:06
742642	424201.271	5495829	~35cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 09:06
742643	424212.7861	5495784	~35cm thick, moderately healthy. Mixed forest.	Black	
742644	424238.9817	5495735	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 09:20
742645	424259.9186	5495692	~30cm thick, moderately healthy. Mixed forest.	Black	
742646	424280.2437	5495647	2 trees, ~30cm thick, moderately healthy. Mixed forest.	Black	
742647	424304.5417	5495607	~35cm thick, moderately healthy. Mixed forest.	Black	
742648	424325.8232	5495558	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 10:14
742649	423883.8622	5495077	~30cm thick, moderately healthy. Mixed forest. Beside a lake	Black	06/06/2022 11:20
742650	423874.0299	5495113	~30cm thick, moderately healthy. Mixed forest. Beside a lake	Black	06/06/2022 11:29
742701	423829.5842	5495205	~30cm thick, moderately healthy. Mixed forest.	Black	
742702	423805.0247	5495252	~30cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 12:07
742703	423784.1696	5495296	~35cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 12:08
742704	423764.6627	5495337	~40cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 12:13
742705	423742.8858	5495387	~20cm thick, moderately healthy. Mixed forest.	Black	06/06/2022 12:21
742706	423722.2958	5495429	~30cm thick, moderately healthy. Mixed forest. Close to a foest ATV track	Black	06/06/2022 12:26
742605	425016.5219	5495503	30cm tree, moderately healthy	Black Spruce	05/06/2022 07:30
742606	424995.8933	5495553	~25cm thick tree	Black	05/06/2022 07:47
742607	424975.8171	5495595	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742608	424959.4197	5495638	~30cm thick tree, moderately healthy	Black	05/06/2022 07:47
742609	424936.4128	5495683	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742610	424909.7587	5495730	~30cm thick tree, moderately healthy	Black	05/06/2022 07:47
742611	424889.8377	5495774	~30cm thick tree, moderately healthy	Black	05/06/2022 07:47
742612	424704.7041	5495684	~30cm thick tree, moderately healthy	Black	05/06/2022 07:47
742613	424734.9507	5495646	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742614	424752.2748	5495603	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742615	424775.6017	5495550	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742616	424797.8778	5495509	~35cm thick tree, moderately healthy	Black	05/06/2022 07:47
742617	424815.5072	5495462	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47

742618	424844.0772	5495422	~25cm thick tree, moderately healthy	Black	05/06/2022 07:47
742619	424861.9871	5495374	~20cm thick tree, moderately healthy	Black	05/06/2022 11:36
742620	424883.9034	5495329	~35cm thick tree, moderately healthy	Black	05/06/2022 11:36
742621	424900.6779	5495282	~35cm thick tree, moderately healthy	Black	05/06/2022 11:36
742621	424921.7202	5495236	~25cm thick tree, moderately healthy	Black	05/06/2022 12:01
742623	424748.7538	5495150	~30cm thick tree, moderately healthy	Black	05/06/2022 12:01
742624	424725.4528	5495195	~30cm thick tree, moderately healthy	Black	05/06/2022 12:01
742625	424704.4118	5495236	~30cm thick tree, moderately healthy	Black	05/06/2022 12:47
742626	424682.1431	5495282	~30cm thick tree, moderately healthy	Black	05/06/2022 12:47
742627	424662.7556	5495327	~30cm thick tree, moderately healthy	Black	05/06/2022 12:47
742628	424638.3356	5495374	~25cm thick tree, moderately healthy	Black	05/06/2022 12:47
742629	424617.7496	5495417	~30cm thick tree, moderately healthy	Black	05/06/2022 12:47
742533	425467.3398	5495502	30cm thick, moderately healthy tree	Black	04/06/2022 07:16
742534	425441.9995	5495545		Black	04/06/2022 07:38
742535	425415.3648	5495595	25 cm moderately healthy spruce	Black	04/06/2022 07:50
742536	425395.0871	5495639	15cm thick tree	Black	04/06/2022 08:06
742537	425381.409	5495680	20 cm thick healthy spruce	Black	04/06/2022 08:22
742538	425361.8976	5495721		Black	04/06/2022 08:52
742539	425334.9419	5495769	15 cm thick healthy spruce	Black	04/06/2022 09:00
742540	425312.4363	5495819	~15cm thick spruce tree in swamp	Black	04/06/2022 09:10
742541	425288.5823	5495860	20cm thickness	Black	04/06/2022 09:15
742542	425112.8381	5495764		Black	04/06/2022 10:23
742543	425136.2469	5495727	25 cm thick healthy spruce	Black	04/06/2022 10:49
742544	425148.5446	5495681	20 cm thick healthy spruce	Black	04/06/2022 11:12
742545	425177.1038	5495635	18 cm thick healthy spruce	Black	04/06/2022 11:25
742546	425200.2402	5495594	20cm thick tree	Black	04/06/2022 11:39
742547	425221.7328	5495544	20 cm thick healthy spruce	Black	04/06/2022 11:53
742548	425242.4969	5495499	25cm thick spruce tree	Black	04/06/2022 12:09
742549	425273.4685	5495449	23 cm healthy spruce	Black	04/06/2022 12:24
742550	425288.9826	5495400		Black	04/06/2022 12:40
742601	425111.7613	5495319	25 cm thick healthy spruce	Black	04/06/2022 13:15
742602	425085.9815	5495368	15cm thick spruce tree	Black	04/06/2022 13:31
742603	425064.0176	5495415		Black	04/06/2022 13:42
742604	425040.9397	5495460	30cm thick spruce tree	Black	04/06/2022 13:59
742501	423267.4855	5495434		Black spruce	02/06/2022

742502	423298.9471	5495390	12 cm, moderately healthy tree	Black spruce	02/06/2022
742503	423318.3232	5495345	30 cm, moderately healthy tree	Black spruce	02/06/2022
742504	423349.2453	5495303	20 cm, moderately healthy tree	Black spruce	02/06/2022
742505	423365.6034	5495254	30 cm, healthy tree	Black spruce	02/06/2022
742506	423386.5346	5495191	20 cm, moderately healthy tree	Black spruce	02/06/2022
742507	423408.6934	5495158	18cm, moderately healthy tree	Black spruce	02/06/2022
742508	423426.2003	5495118	25cm, moderately healthy tree	Black spruce	02/06/2022
742509	423445.2078	5495072	15cm, moderately healthy tree	Black spruce	02/06/2022
742510	423472.7212	5495025	15 cm, moderately healthy tree	Black spruce	02/06/2022
742511	423495.4567	5494981	18cm, moderately healthy tree	Black spruce	02/06/2022
742512	423514	5494940	15cm, moderately healthy tree. Directly next to road	Black spruce	02/06/2022
742513	425658.9094	5496495	0.15m thickness	Black spruce	03/06/2022 08:19
742515	425658.9094	5496495	10 cm thick healthy spruce	Black Spruce	03/06/2022 08:53
742514	425679.1036	5496434		Black spruce	03/06/2022 08:58
745011	425724.7937	5496357	10cm thickness	Black spruce	03/06/2022 09:06
742517	425719.3445	5496302	20cm thickness, 2 trees	Black spruce	03/06/2022 09:52
742518	425778.1554	5496265	15 cm thick healthy spruce	Black Spruce	03/06/2022 10:05
742519	425810.7754	5496167	20cm thick, moderately healthy tree. Pegmatite outcrop directly under sample	Black	03/06/2022 10:25
742520	425829.9704	5496133	~20cm thick, healthy spruce tree. Taken on edge of lake. No outcrop present	Black	03/06/2022 10:39
742521	425650.8976	5496057		Black	03/06/2022 10:50
742522	425596.0975	5496065		Black	03/06/2022 11:20
742523	425600.0311	5496121	12cm thick, healthy spruce tree. In proximity to pegmatite outcrop	Black	03/06/2022 11:26
742524	425578.9092	5496161	12 cm thick healthy spruces. 2 trees sampled. Located near pegmatite	Black	03/06/2022 11:40
742525	425568.6643	5496204	25 cm thick healthy spruce	Black	03/06/2022 11:54
742526	425540.7075	5496263	Sample taken from 2 trees. One tree = 20cm thick. One = 10cm thick	Black	03/06/2022 12:15
745051	425576.0665	5495679	20 cm, healthy, near small lake	Black spruce	02/06/2022 08:07
745052	425574.5935	5495730	15 cm, mod health	Black spruce	02/06/2022 08:07
745053	425555.4999	5495776	Two trees attached to each other. Both 15 cm, mod health	Black spruce	03/06/2022 08:51
745054	425537.1182	5495811	Bog near small lake. Moderately to very healthy. 10 cm.	Black spruce	03/06/2022 08:51
745055	425498.5969	5495868	Bog. 10 cm moderately healthy. This and last sample not blk spruce?	Black spruce	03/06/2022 09:14
745056	425492.5869	5495909	In bog. 10 cm. Unsure of species.	Black spruce	03/06/2022 09:14
745057	425493.2439	5495957	15 cm. Mod health. In rocky area on edge of bog.	Black spruce	03/06/2022 09:51
745058	425445.0697	5495990	15 cm, mod health. Mixed forest near outcrop.	Black spruce	03/06/2022 10:28
745059	425430.2072	5496045	Two 10 cm trees, moderate health. Mixed forest.	Black spruce	03/06/2022 10:28
745060	425417.5077	5496083	15 cm mod health on rocky hill. Mixed forest.	Black spruce	03/06/2022 10:28

745061	425388.3894	5496130	Two trees, 10 and 20 cm. Mod health. Mixed forest.	Black spruce	03/06/2022 11:30
745062	425363.7468	5496182	25 cm, healthy, on small rocky hill. Mixed forest.	Black spruce	03/06/2022 11:30
745063	425338.8354	5496220	25 cm moderate to healthy tree. Mixed forest on small plateau.	Black spruce	03/06/2022 11:30
742528	425514.8303	5496299	15cm thickness	Black spruce	03/06/2022 11:30
742528	425500.745	5496346	Taken from 2 trees. both 15cm thick	Black spruce	03/06/2022 11:30
742529	425468.444	5496399	20 cm thick healthy spruce	Black spruce	03/06/2022 12:59
742530	425298.6149	5496316	25cm thickness	Black spruce	03/06/2022 12:59
742531	425314.3589	5496263	2 10 cm thick healthy spruce	Black spruce	03/06/2022 13:32
745064	425121.9251	5496214	30 cm, healthy. Coniferous forest.	Black spruce	04/06/2022 07:40
745065	425137.6302	5496174	30 cm. Mod health. Mixed forest. On small hill.	Black spruce	04/06/2022 08:10
745066	425160.4611	5496132	20 cm mod health. Mixed forest. Near small cliff.	Black spruce	04/06/2022 08:10
745067	425188.2343	5496082	35 cm healthy. Mixed forest. Plateau.	Black spruce	04/06/2022 08:10
745068	425213.2672	5496037	25 cm moderatly healthy. Mixed forest.	Black spruce	04/06/2022 09:21
745069	425224.7854	5495992	25 cm, moderatly healthy. Mixed forest. Side of hill in boulder field.	Black spruce	04/06/2022 09:21
745070	425246.8018	5495948	20 cm moderatly healthy. In boggy area, not fully bog. Mixed forest.	Black spruce	04/06/2022 09:21
745071	425065.2613	5495867	25 cm, moderatly healthy. Mixed forest. In fairly boggy area, not quite bog.	Black spruce	04/06/2022 09:21
745072	425049.3221	5495911	30 cm, healthy. Mixed forest. Fairly boggy area.	Black spruce	04/06/2022 09:21
745073	425022.4977	5495957	40 cm, healthy. Mixed forest. Sandy soil. Slight plateau.	Black spruce	04/06/2022 10:27
745074	425007.9473	5495986	20 cm, healthy. On edge of small outcrop/hill on one small plateau over another plateau.	Black spruce	04/06/2022 10:27
745075	424781.1596	5495998	20 cm moderatly healthy. Mixed forest. On hill.	Black spruce	04/06/2022 12:06
745076	424795.3089	5495955	20 cm, moderate health. Mixed. On side of small cliff.	Black spruce	04/06/2022 12:06
745077	424819.4814	5495901	30 cm, moderate health. On small outcrop near boggy area.	Black spruce	04/06/2022 13:02
745078	424816.1824	5495856	40 cm healthy. On edge of mixed forest before boggy area.	Black spruce	04/06/2022 13:02
745079	424558.2239	5496001	20 cm. moderate health. Mixed forest. Plateau with sandy soil.	Black spruce	04/06/2022 13:02
745080	424575.5698	5495954	25 cm, moderate health. Mixed forest on plateau.	Black spruce	04/06/2022 13:54
745081	424600.5631	5495912	25 cm, healthy. Mixed forest on plateau.	Black spruce	04/06/2022 14:10
745082	424572.553	5495055	20 cm, healthy. Mixed forest. Slight hill.	Black spruce.	05/06/2022 07:47
745083	424419.4712	5494929	20 cm, moderatly healthy, mixed foredt, slight hill.	Black spruce.	05/06/2022 08:07
745084	424388.6574	5494974	30 vm healthy. Mixed forest. Plateau.	Black spruce.	05/06/2022 08:21
745085	424364.1291	5495024	25 cm. Healthy. Coniferous. Near lake.	Black spruce.	05/06/2022 08:38
745086	424353.5317	5495067	20 cm. Moderatly healthy. Mixed forest. Plateau.	Black spruce.	05/06/2022 09:04
745087	424541.9484	5495110	30 cm, moderatly healthy. Mixed forest on rocky plateau.	Black spruce.	05/06/2022 09:17
745088	424524.8505	5495159	25 cm, healthy. Mixed forest. Slighg low between two hills. Bit boggy.	Black spruce.	05/06/2022 09:27
745089	424501.8447	5495199	20 cm moderatly healthy. Mixed forest. Rocky plateau.	Black spruce.	05/06/2022 09:41
745090	424473.1484	5495240	25 cm, healthy. Mixed. Rocky plateau.	Black spruce.	05/06/2022 09:41

745091	424459.0544	5495297	20 cm, moderately healthy. Mixed forest. Rocky plateau.	Black spruce.	05/06/2022 09:41
745092	424436.6782	5495335	20 cm, healthy. Side of hill below plateau. Mixed forest.	Black spruce.	05/06/2022 10:47
745093	424414.3117	5495374	20 cm, moderately healthy. Mixed forest. Rocky.	Black spruce.	05/06/2022 11:01
745094	424389.8848	5495420	20 cm healthy. On side of cliff.	Black spruce.	05/06/2022 11:19
745095	424273.4578	5495207	30 cm. Healthy. On rocky outcrop near lake shore.	Black spruce.	05/06/2022 11:52
745096	424254.2389	5495249	30 cm, moderately healthy. On rocky outcrop near lake. Sparser mixed forest	Black spruce.	05/06/2022 11:52
745097	424232.2475	5495294	25 cm. Healthy. Coniferous. On rocky hill near lake.	Black spruce.	05/06/2022 11:52
745098	424369.3787	5495473	15 cm healthy. In rocky and slightly boggy plateau.	Black spruce.	05/06/2022 12:54
745099	424357.357	5495513	25 cm, healthy. Boggy, sandy soil. Near creek.	Black spruce.	05/06/2022 12:54
745100	424559.2328	5495553	25 cm healthy. In boggy area near creek.	Black spruce.	05/06/2022 12:54
742651	424578.3402	5495503	15 cm healthy. Mixed forest. Rocky plateau.	Black spruce.	05/06/2022 13:39
742652	424596.8687	5495459	20 cm, healthy. Mixed forest. Rocky plateau.	Black spruce.	05/06/2022 13:53
742653	423899.2003	5496028	30 cm, healthy. In boggy area near lake and beaver dam. Mixed forest.	Black spruce	06/06/2022 06:38
742654	423906.666	5495952	30 cm. Moderately healthy. Coniferous. Near bog and small lake. Sandy soil.	Black spruce	06/06/2022 06:38
742655	423928.3607	5495912	25 cm, healthy tree. Mixed forest. In lower area near to small lake.	Black spruce	06/06/2022 06:38
742656	423953.0316	5495873	25 cm. moderately healthy. Mixed forest. Flat area, no rock.	Black spruce	06/06/2022 07:01
742657	423973.3426	5495827	20 cm moderately healthy. Mixed forest. In rockless low area.	Black spruce	06/06/2022 07:01
742658	423998.0981	5495783	25 cm healthy. Mixed forest. In rockless low area.	Black spruce	06/06/2022 07:01
742659	424016.6619	5495736	45 cm, moderately healthy. Mixed forest. In rockless low area.	Black spruce	06/06/2022 07:25
742660	424039.4381	5495691	35 cm. Healthy. mixed forest. Near small slope/outcrop.	Black spruce	06/06/2022 07:38
742661	424062.5564	5495649	20 cm. Moderately healthy. Mixed forest on side of low hill with outcrop.	Black spruce	06/06/2022 07:38
742662	424088.4034	5495606	25 cm. Healthy. near top of pegmatitic hill.	Black spruce	06/06/2022 08:19
742663	424107.4666	5495559	20 cm. Moderately healthy. On rocky side of hill near to of pegmatitic outcrop.	Black spruce	06/06/2022 08:19
742664	424123.4423	5495513	30 cm. healthy. In lower area south of hill. Sandy soil. Mixed forest.	Black spruce	06/06/2022 08:57
742665	424143.2223	5495475	15 cm healthy. Mixed forest. South of quad trail.	Black spruce	06/06/2022 08:57
742666	424168.4245	5495427	25 cm. Healthy. Mixed forest. Sandy soil. Near boggy area and creek.	Black spruce	06/06/2022 08:57
742667	424191.8132	5495379	20 cm healthy. Mixed forest. In bog near stream leading into lake.	Black spruce	06/06/2022 09:31
742668	424052.737	5495200	25 cm healthy. On outcrop near lake shore. Mixed forest.	Black spruce	06/06/2022 09:31
742669	424034.3852	5495252	Two trees next to each other sampled. both 10 cm. Moderately healthy.	Black spruce	06/06/2022 09:31
742670	424010.1225	5495300	25 cm. Healthy. Mixed forest. Sandy soil on low plateau between two hills.	Black spruce	06/06/2022 10:53
742671	423990.5851	5495334	30 cm, healthy. Mixed forest in low plateau.	Black spruce	06/06/2022 10:53
742672	423965.9666	5495382	35 cm. healthy. Side of small hill. Mixed forest.	Black spruce	06/06/2022 11:19
742673	423944.7053	5495428	30 cm healthy. Mixed forest in boggy area sandy soil.	Black spruce	06/06/2022 11:32
742674	423924.9881	5495475	15 cm. Healthy. Mixed forest. Slightly upslope and north of small quad trail.	Black spruce	06/06/2022 11:45
742675	423903.475	5495518	10 cm. Moderately healthy. Mixed forest on side of hill. Boulder field.	Black spruce	06/06/2022 11:58

742676	423882.576	5495563	15 cm, moderatly heskthy. Mixed forest. On top of hill with outcrop.	Black spruce	06/06/2022 11:58
742677	423857.8776	5495600	40 cm. Healthy. Mixed forest. On side of low angle hill.	Black spruce	06/06/2022 11:58
742707	423989.4044	5494893	25 cm mod health. Lake shore. Mixed forest.	Black spruce	07/06/2022 06:52
742708	424004.0604	5494846	40 cm. Mod hezlth. Mixed forest by lake.	Blzck spruce	07/06/2022 07:09
742709	424028.6096	5494797	30 cm. Modchealth. Lake shore. Mixed forest.	Black spruce.	07/06/2022 07:24
742710	424023.4996	5494747	35 cm. Mod health. Near lake. Mixed forest.	Blzck spruce	07/06/2022 07:43
742711	424074.6806	5494712	3 trees. 20 cm each. Healthy. Near lake. Mixed forest.	Black spruce	07/06/2022 07:43
742712	423918.3381	5494576	35 cm. Mod health. Nesr top of hill. Mixed forest.	Black spruce	07/06/2022 08:28
742713	423928.338	5494532	2 trees. 30 cm. Mod health. Bottom of hill in bog.	Black spruce	07/06/2022 08:42
742714	423961.8056	5494485	15 cm healthy tree. Boggy area south of road. Mixed forest.	Black spruce	07/06/2022 08:52
742715	423892.4299	5494625	30 cm moderatly healghy. Rocky plateau. Unknown species. No apparent black spruce nearby.	Unknown	07/06/2022 08:52
742716	423870.3002	5494661	15 cm. Moderatly healthy. Rocky plateau. Unknown species.	Unknown	07/06/2022 09:55
742717	423847.0502	5494714	30 cm, moderate. Rovky plateau. Mixdd forest. Unknown species.	Unknown	07/06/2022 10:09
742718	423828.4325	5494757	30 cm. Healthy. Rocky plateau. Mixed forest. Unknown species.	Unknown	07/06/2022 10:28
742719	423800.3256	5494804	15 cm moderatly healthy. Mixed forest. Plateau. Unknown spruce species.	Unknown	07/06/2022 10:43
742720	423779.6949	5494848	25 cm healthy. Gorested plateau. Mixed forest. Unknown spruce.	Unknown	07/06/2022 11:01
742721	423758.4849	5494892	35 cm healthy. Mixed forest. Plateau.	Black spruce.	07/06/2022 11:01
742722	423741.69	5494941	20 vm. Mod health. Mixd forest. Base of hill	Black spruce.	07/06/2022 11:37
742723	423719.9448	5494988	30 cm healthy. Mixed forest. At bottom of hill near slightly boggy plateau.	Black spruce.	07/06/2022 11:54
742724	423695.8738	5495034	45 cm healthy. Mixed forest. At edge of hill before sliightly boggy area.	Black spruce.	07/06/2022 12:10
742725	423679.7557	5495080	30 mod health. Mixed forest. Near top of rocky hill.	Black spruce.	07/06/2022 12:35
742726	423523.8779	5495389	20 cm, two trees. moderatly healthy. Side of rocky hill.	Black spruce	
742727	423534.5387	5495345	2 trees, 25 cm each. Potentially pine. Mod health. Top of rocky plateau.	Unknown. Pine?	08/06/2022 06:50
742728	423561.4812	5495298	30 cm. Mod health. Pine? Forested plateau.	Unknown. Pine?	08/06/2022 06:50
742729	423582.5028	5495251	25 cm. Moderatly healthy. Pine? Forested plateau.	Unknown. Pine?	08/06/2022 07:16
742730	423607.8958	5495207	25 cm. Moderate health. Pine? Mixed forest.	Unknown. Pine?	08/06/2022 07:29
742731	423626.9877	5495162	20 cm. Healthy. Mixed forest. on rocky plateau.	Black spruce.	08/06/2022 07:49
742732	423660.2456	5495122	25 cm. Mod health. Top of rocky hill.	Black spruce.	08/06/2022 08:12
742733	423253.1283	5495487	25 cm. Mod health. Mixed forest. Near small knoll.	Black spruce.	08/06/2022 08:49
742734	423227.5464	5495528	30 cm, mod health. In lower slightly boggy area.	Black spruce.	08/06/2022 08:49
742735	423207.454	5495574	Edge of slightly boggy area and low hill. 3 10 cm trees. Mod health. mixed forest.	Black spruce.	08/06/2022 09:11
742736	423184.2601	5495615	35 cm. mod health. Pine. Birch dominated mixed forest. Sandy soil.	Unknown, pine?	08/06/2022 09:22
742737	423168.6007	5495673	35 cm. Moderstly healthy. Pine? Birch dominated mixed forest.	Unknown, pine?	08/06/2022 09:22
742738	423144.0536	5495705	35 cm. Mod health. Mixed forest.	Black spruce.	08/06/2022 09:22
742739	423098.2261	5495796	25 cm mod health. Mixed forest. On small hill.	Black spruce.	08/06/2022 10:41

742740	423076.2654	5495842	35 cm, black spruce. Moderstly healthy. Mixed forest.	Black spruce.	08/06/2022 10:56
742741	423051.6873	5495892	35 cm. Mod health. Mixed forest.	Black spruce.	08/06/2022 10:56
742742	423031.2617	5495935	40 cm healthy. Top of small hill. Slight plateau. Unknown spruce.	Unknown spruce.	08/06/2022 11:32
742743	423020.3252	5495979	45 cm. Mod health. Mixed forest. Edge of hill.	Black spruce.	08/06/2022 11:47
742744	422980.2919	5496029	35 cm moderstly healthy. Mixed forest. On elongated hill of outcrop.	Black spruce.	08/06/2022 11:47
742745	422789.7155	5496011	35 cm mod health. In lower slighly boggy area. Mixed forest.	Black spruce.	08/06/2022 12:28
742746	422790.33	5495978	30 cm. Mod health. Mixed forest.	Black spruce.	08/06/2022 12:44
742747	422813.7577	5495934	30 cm mod health. Mixed forest. Side of rocky hill.	Black spruce.	08/06/2022 13:07
742748	422835.4343	5495883	40 cm, mod health. Mixed forest. Near small hill in woods.	Black spruce.	08/06/2022 13:18
742749	422848.5972	5495848	35 cm. Moderate health. On small hill. Mixed forest, many birch.	Black spruce.	08/06/2022 13:32
742750	422877.9326	5495802	30 cm mod health. Near top of hill. Mixed forest.	Black spruce.	08/06/2022 13:42
742801	422900.818	5495750	25 cm, moderstly healthy. Mixed forest on top of hill.	Black spruce.	08/06/2022 13:54
742802	422919.1398	5495697	30 cm. mod health. Mixed forest. On slight hill.	Black spruce.	08/06/2022 14:18
742788	423324.4056	5494413	30 cm, healthy. Next to lake shore on outcrop.	Black spruce.	09/06/2022 06:48
742789	423299.7526	5494449	Two trees, 15 cm. Mixed forest. On top of hill.	Black spruce.	09/06/2022 07:05
742790	423289.2548	5494504	20 cm. Healthy. Mixed forest. Top of rocky hill.	Black spruce.	09/06/2022 07:17
742791	423266.09	5494542	20 cm thick healthy spruce. Mixed forest. Rocky platesu.	Black spruce.	09/06/2022 07:28
742792	423242.8768	5494587	35 cm. Healthy. Top of rocky plateau. Sparce trees. Mixed forest.	Black spruce.	09/06/2022 07:28
742793	423219.2273	5494632	40 cm healthy spruce. Mixed forest. Rocky plateau.	Black spruce.	09/06/2022 07:59
742794	423194.3859	5494680	20 cm. Healthy. Side of rocky hill. Mixdd forest.	Black spruce.	09/06/2022 08:17
742795	423179.6705	5494723	25 cm healthy edge of hill near bog mixed forest	Black spruce.	09/06/2022 08:35
742796	423166.6518	5494773	20 cm hezlthy mixdd forest. In boggyish lower area.	Black spruce.	09/06/2022 08:52
742797	423132.6867	5494809	20 cm moderatly healthy. Mixed forest in boggyish area.	Black spruce.	09/06/2022 09:09
742798	423112.3756	5494865	25 cm. Mod health. Mixed forest. In boggy area.	Black spruce.	09/06/2022 09:15
742799	423090.4797	5494901	15 cm healthy spruce in mixed forest. Low angle hill.	Black spruce.	09/06/2022 09:25
742800	423070.1629	5494946	15 cm healthy. Mixed forest. Boulder field.	Black spruce.	09/06/2022 09:30
742851	423042.1482	5494989	45 cm unknown spruce. Mixed forest. Low hill with few boulders.	Unknown spruce.	09/06/2022 09:46
742852	423025.6884	5495036	20 cm. Healthy. Mixed forest. Low area.	Black spruce.	09/06/2022 09:53
742853	422999.1292	5495084	20 cm healthy spruce in mixed forest	Black spruce.	09/06/2022 10:07
742854	422983.0705	5495129	15 cm. Healthy. In bog. Mixed forest.	Black spruce.	09/06/2022 10:14
742855	422969.3036	5495173	20 cm healthy black spruce. mixed forest on edge of outcrop near swamp	Black spruce.	09/06/2022 10:24
742856	422937.5186	5495224	20 cm. Healthy. Coniferous forest. Low plateau. No rock visible.	Black spruce.	09/06/2022 10:48
742857	422912.4463	5495260	25 cm thick healthy spruce in mixed forest	Black spruce.	09/06/2022 10:55
742858	422895.6648	5495305	35 cm. Healthy. Mixdd forest. In slightly boggy area.	Black spruce.	09/06/2022 11:03
742859	422870.7633	5495348	25 cm healthy spruce in mixed forest	Black spruce.	09/06/2022 11:21

742860	422850.1078	5495394	20 cm. Mod health. Mixed forest. South of road.	Black spruce.	09/06/2022 11:28
742861	422627.0437	5495390	25 cm thick healthy spruce in mixed forest directly next to road	Black spruce.	09/06/2022 11:44
742862	422653.9403	5495356	40 cm. Healthy. Mixed forest. Flat area south of forest road.	Black spruce.	09/06/2022 11:53
742863	422670.939	5495306	40 cm healthy spruce in flat area in birch dominated forest	Black spruce.	09/06/2022 12:01
742864	422692.8917	5495270	40 cm. Healthy. Mixed forest. Flat area. Sandy soil.	Black spruce.	09/06/2022 12:07
742865	422714.3722	5495220	25 cm moderately healthy flat terrain mixed forest	Black spruce.	09/06/2022 12:23
742866	422736.5662	5495170	25 cm. Healthy. Mixed forest next to outcrop.	Black spruce.	09/06/2022 12:23
742867	422758.0469	5495130	25 cm moderately healthy spruce. Low angle boulder field	Black spruce.	09/06/2022 12:52
742868	422764.3294	5495069	20 cm mod health. Boggy area. Mixed forest.	Black spruce.	09/06/2022 13:02
742869	422801.1245	5495039	25 cm healthy spruce in coniferous forest on small plateau with bog around	Black spruce.	09/06/2022 13:14
742870	422834.048	5494986	20 cm. Healthy. Mixed forest. On edge of bog before low hill.	Black spruce.	09/06/2022 13:23
742871	422846.4889	5494946	Taken from one 15 cm and one 20 cm spruce tree in flat mixed forest area. Moderately healthy	Black spruce.	09/06/2022 13:23
742872	423601.1049	5494312	30 cm healthy. Mixed forest. Top of outcrop hill. Close to lake.	Black spruce	10/06/2022 07:06
742873	423621.5462	5494270	20 cm healthy spruce in mixed forest on rocky hill	Black spruce	10/06/2022 07:29
742874	423647.0214	5494226	25 cm. Healthy. Mixed forest. On rocky plateau.	Black spruce	10/06/2022 07:41
742875	423481.6431	5494092	25 cm healthy spruce on rocky plateau. Mixed forest	Black spruce	10/06/2022 08:09
742876	423463.2963	5494134	25 cm. Healghy. Mixed forest. On hill next to lake.	Black spruce	10/06/2022 08:28
742877	423328.6348	5493960	20 cm thick moderately healthy spruce in bog area	Black spruce	10/06/2022 08:47
742878	423300.2765	5494004	30 cm, healyhy. Mixed forest. On low plateau near bog.	Black spruce	10/06/2022 08:58
742879	423281.7045	5494045	2 trees. 15 cm. Moderately healthy. In mixed forest near lake and bog	Black spruce	10/06/2022 09:10
742880	423267.4529	5494101	30 cm, healthy. Coniferous forest. On small hill near lake.	Black spruce	10/06/2022 09:24
742881	422848.479	5493563	30 cm healthy. Mixed forezt near lake and on overgrown logging road.	Black spruce	10/06/2022 10:02
742882	422830.7348	5493597	30 cm moderatly healthy. Mixed forest. Edge of lake.	Black spruce	10/06/2022 10:15
742883	422968.7852	5493784	25 cm, healthy, on edge of lake, mixed forest.	Black spruce	10/06/2022 10:27
742884	422987.9401	5493738	Taken from 3 10 cm trees moderately healthy. Hilly area, birch dominated forest	Black spruce	10/06/2022 10:40
742885	423018.7766	5493695	20 cm, healthy, mixdd forest. On low hill.	Black spruce	10/06/2022 10:53
742886	423159.1244	5493831	20 cm healthy tree next to hill and outcrop in mixed forest	Black spruce	10/06/2022 11:13
742887	423144.5292	5493867	2 trees, 20 cm, hezlthy, mixed forest near whaleback.	Black spruce	10/06/2022 11:26
742888	423125.6202	5493916	20 cm healthy tree in mixed forest on edge of whaleback	Black spruce	10/06/2022 11:41
742889	423102.121	5493971	25 cm, healyhy, mixec forest. On whaleback. Rocky area.	Black spruce	10/06/2022 11:50
742890	423075.0699	5494006	25 cm, healthy. Mixed forest. On whaleback/platesu before lower boggy area.	Black spruce	10/06/2022 12:02
742891	423070.8665	5494046	30 cm, healthy. On edge of cliff near bog. Mixed forest.	Black spruce	10/06/2022 12:26
742892	423231.9981	5494139	2 20 cm healthy trees in coniferous forest near lake	Black spruce	10/06/2022 12:26
742893	423217.9123	5494186	25 cm healthy. Mixed forest on rovky slope near lake.	Black spruce	10/06/2022 13:22
742915	422682.8177	5494815	25 cm, mod health, mixed forest. On low slope before small creek.	Pine	11/06/2022 06:50

742916	422662.8499	5494865	30 cm, mixed forest, mod healthy. On low hill in forest.	Black spruce.	11/06/2022 07:06
742917	422640.5914	5494905	~30cm thick, moderately healthy, mixed forest	Black spruce.	11/06/2022 07:06
742918	422617.3812	5494945	25, mod health. In low area next to small cliff.	Black spruce.	11/06/2022 07:29
742919	422596.7373	5494993	25 cm, mod health, mixed forest. On slight high spot before small creek/bog.	Black spruce.	11/06/2022 07:38
742920	422575.2515	5495037	30 cm, mod health. Mixed forest. On small plateau.	Black spruce.	11/06/2022 07:50
742921	422556.42	5495090	40 cm, mod health, mixed forest. On plateau.	Black spruce.	11/06/2022 07:57
742922	422536.3825	5495129	25, mod health. Mixed forest. On rocky plateau.	Pine	11/06/2022 08:08
742923	422514.5331	5495183	25 mod health. Plateau. Mixed forest.	Black spruce	11/06/2022 08:20
742924	422485.0624	5495219	30 cm, mod health. On side of low hill.	Black spruce	11/06/2022 08:31
742925	422311.8267	5495178	20 cm, healthy. Mixed forest. In boggy low area near highway.	Black spruce	11/06/2022 09:09
742926	422310.7455	5495127	30 cm, mod health. On small hill above boggy area near highway.	Black spruce	11/06/2022 09:21
742927	422323.7991	5495085	35 cm, mod health. Mixed forest. On low hill near highway.	Black spruce	11/06/2022 09:29
742928	422355.1155	5495031	25 cm, mod health. In lower boggy area near highway.	Black spruce	11/06/2022 10:07
742929	422379.0451	5494996	35 cm, mod health. Low hill with few boulders around.	Black spruce	11/06/2022 10:15
742930	422396.3586	5494949	30 cm, mod health. Slightly swampy here.	Black spruce	11/06/2022 10:21
742931	422421.0829	5494909	20 cm, mod health. Mixed forest. Low hill near bog near highway. Few boulders.	Black spruce	11/06/2022 10:27
742932	422443.5241	5494861	25 cm, mod health. Low hill near highway. Mixed forest. Near 2x1x1 m hole in ground upslope.	Black spruce	11/06/2022 10:35
742933	422469.2098	5494827	25 cm, mod health. Mixed forest on rocky hill. Some pegmatitic boulders nearby.	Black spruce	11/06/2022 10:44
742934	422486.1428	5494778	40 cm, mod healthy. Mixed forest on edge of swamp.	Black spruce	11/06/2022 10:53
742935	422532.7754	5494688	25 cm, mod health. Edge of swamp and highway. Mixed forest.	Black spruce	11/06/2022 11:04
742936	422553.3139	5494633	Two trees. 20 cm, mod health. Mixed forest. Low hill.	Black spruce	11/06/2022 11:13
742937	422578.3125	5494592	20 cm. Mod health. Low plateau near highway. Mixed forest.	Black spruce	11/06/2022 11:21
742938	422592.1232	5494547	20 cm, mod health. Mixed forest. Low rocky plateau near highway.	Black spruce	11/06/2022 11:31
742939	422620.0958	5494501	25 cm, mod health, mixed forest. Low plateau near highway. Several boulders nearby.	Black spruce	11/06/2022 11:39
742940	422641.2103	5494456	25 cm. Mod health. Lower area near highway.	Black spruce	11/06/2022 11:39
742941	422664.3469	5494411	25 cm, mod health. Low area near hill near highway. Mixed forest.	Black spruce	11/06/2022 12:05
742942	422684.0722	5494370	25 cm, healthy. In low area next to small hill near highway.	Pine	11/06/2022 12:13
742943	422703.5041	5494329	20 cm, three trees. mod health. Mixed forest. Low plateau.	Black spruce.	11/06/2022 12:21
742944	422723.3473	5494280	30 cm, mod healthy. In low boggy area. Mixed forest.	Black spruce.	11/06/2022 12:32
742945	422766.8039	5494190	30 cm. Mod health. Mixed forest on side of small hill over swamp.	Black spruce.	11/06/2022 12:46
742946	422793.2011	5494145	30cm thick, moderately healthy. Lots of outcrop	Black spruce.	11/06/2022 12:46
742947	422811.9599	5494092	30cm thick, moderately healthy. Lots of outcrop	Black spruce.	11/06/2022 12:46
742948	422835.8853	5494051	40 cm mod health. Mixed forest. Low angle hill.	Black spruce.	11/06/2022 13:24
742949	422855.4388	5494008	40 cm, mod health. Mixed forest. Side of rocky hill.	Black spruce.	11/06/2022 13:32
742950	422879.602	5493964	35 cm, edge of swamp on low hill. Healthy. Mixed forest.	Black spruce.	11/06/2022 13:40

745601	422745.4894	5493789	35 cm, healthy. Side of hill over lake. Mixed forest.	Black spruce.	11/06/2022 14:07
745602	422722.057	5493834	35 cm, mod health. Mixed forest, on top of rocky hill.	Black spruce.	11/06/2022 14:07
745603	422522.1139	5493783	30 cm, mod health. Mixed forest. On rocky plateau.	Black spruce	12/06/2022 07:15
745604	422538.8664	5493741	~30cm thick, moderately healthy. Mixed forest	Black spruce	12/06/2022 07:15
745605	422564.3261	5493696	~30cm thick, moderately healthy. Mixed forest	Black spruce	12/06/2022 07:15
745606	422698.9706	5493877	35 cm, mod health, edge of lake, coniferius forest,	Black spruce	12/06/2022 07:41
745607	422674.3854	5493918	35 cm, mod health. Top of hill/plateau. Mixed forest.	Black spruce	12/06/2022 07:54
745608	422575.7232	5493654	30 cm, mod health. Mixed forest. Rocky plateau.	Black spruce	12/06/2022 08:00
745609	422654.298	5493969	30 cm, mod health. Mixec forest. On rocky plateau.	Black spruce	12/06/2022 08:13
745610	422628.3268	5494013	40 cm, mod health. Mixed forest on side of hill.	Black spruce	12/06/2022 08:22
745611	422609.6312	5494055	30 cm, mod health. Mixed forest. Low boggy area.	Black spruce	12/06/2022 08:29
745612	422587.839	5494094	25 cm, mod health. Mixed forest. Low area next to highway.	Black spruce	12/06/2022 08:38
745613	422548.905	5494192	25 cm, mod health two trees. Slight slope above highway. Mixed forest.	Black spruce	12/06/2022 08:58
745614	422519.8816	5494235	Two trees. 20 cm. Mod health. Side of low hill. Boulder field.	Black spruce	12/06/2022 09:07
745615	422509.3979	5494280	25 cm, two trees, mixed forest. Side of low hill. Boulder field.	Black spruce	12/06/2022 09:14
745616	422475.4165	5494340	50 cm, mod health, mixdd forst near top of rovky hill.	Black spruce	12/06/2022 09:14
745617	422450.6449	5494367	35 cm, mod health. Side of rovky hill near top.	Black spruce	12/06/2022 09:14
745618	422435.2736	5494414	45 cm, mod hezlth, mixed forest, lower plateau.	Black spruce	12/06/2022 10:03
745619	422413.3474	5494463	30 cm, mod health, lower area. M8xed forest.	Black spruce	12/06/2022 10:11
745620	422389.8613	5494509	25 cm, mod health, side of small hill. Mixed forest.	Black spruce	12/06/2022 10:15
745621	422376.3308	5494548	25 cm, mod health. Mixed forest. On edge of lower swampy area on side of small hill.	Black spruce	12/06/2022 10:23
745622	422293.2395	5494691	30 cm, mod health. Next to swamp.	Black spruce	12/06/2022 10:51
745623	422274.3473	5494730	Two 20 cm trees, mod health. Mixdd forest.	Black spruce	12/06/2022 11:00
745624	422255.2633	5494775	25 cm, mod health. Mixed forest. Low hill, boulder field.	Black spruce	12/06/2022 11:07
745625	422243.2526	5494809	30 cm, mod health. Mixed forest. Slight boulder field.	Black spruce	12/06/2022 11:15
745626	422215.344	5494869	25 cm, mod health. Mixed forest.	Black spruce	12/06/2022 11:21
745627	422200.0769	5494908	40 cm, healthy. On emall hil of outcrop. Mixed forest.	Black spruce	12/06/2022 11:32
745628	422176.2604	5494956	25 cm mod healthy mixed forest. Rocky.	Black spruce	12/06/2022 11:44
745629	422152.1496	5494998	25 cm, mod health, black spruce. Slight boulder field. Mixdd forest.	Black spruce	12/06/2022 11:51
745630	422134.2757	5495052	25 cm, mod health. Mixed forest on cliff near lake.	Black spruce	12/06/2022 12:01
743000	421950.7592	5494950	20 cm healthy spruce next to lake	Black Spruce	13/06/2022 06:41
745651	421970.0415	5494913	20cm black spruce	Black spruce	13/06/2022 06:54
745652	421992.9665	5494869	15cm black spruce	Black spruce	13/06/2022 06:54
745653	422014.7964	5494829	15cm black spruce	Black spruce	13/06/2022 06:54
745654	422031.8571	5494779	25 cm black spruce	Black spruce	13/06/2022 07:28

745655	422063.1832	5494731	20 cm black spruce	Black spruce	13/06/2022 07:28
745656	422081.4747	5494681	20 cm black spruce	Black spruce	13/06/2022 07:28
745657	422104.1901	5494647	20 cm black spruce	Black spruce	13/06/2022 07:51
745658	422124.1022	5494599	20 cm black spruce, taen from two separate trees	Black spruce	13/06/2022 07:51
745659	421983.5048	5494426	20 cm black spruce	Black spruce	13/06/2022 07:51
745660	421971.7001	5494465	20 cm black spruce	Black spruce	13/06/2022 07:51
745661	421939.2414	5494510	20 cm black spruce	Black spruce	13/06/2022 09:05
745662	421924.2139	5494556	20 cm black spruce	Black spruce	13/06/2022 09:05
745663	421908.2229	5494605	20 cm black spruce	Black spruce	13/06/2022 09:05
745664	421873	5494638	25 cm black spruce	Black spruce	13/06/2022 09:05
745665	421854.6953	5494692	30 cm black spruce	Black spruce	13/06/2022 09:54
745666	421834.4153	5494734	30 cm black spruce	Black spruce	13/06/2022 09:54
745667	421816.4751	5494778	35 cm black spruce	Black spruce	13/06/2022 10:17
745668	421791.7335	5494822	30 cm black spruce	Black spruce	13/06/2022 10:17
745669	421631.0608	5494696	20 cm black spruce	Black spruce	13/06/2022 10:17
745670	421652.8554	5494648	30 cm black spruce	Black spruce	13/06/2022 10:58
745671	421678.6228	5494606	20 cm black spruce	Black spruce	13/06/2022 11:07
745672	421699.999	5494559	20 cm black spruce	Black spruce	13/06/2022 11:07
745673	421720.2802	5494517	25 cm black spruce	Black spruce	13/06/2022 11:07
745674	421743.9711	5494471	25 cm black spruce	Black spruce	13/06/2022 11:07
745675	421759.4259	5494430	15 cm black spruce	Black spruce	13/06/2022 12:10
745676	421786.1144	5494376	20 cm black spruce	Black spruce	13/06/2022 12:10
745677	421800.6531	5494332	25 cm black spruce	Black spruce	13/06/2022 12:29
745678	421831.0769	5494291	25 cm black spruce	Black spruce	13/06/2022 12:29
745679	421857.8128	5494245	20 cm black spruce	Black spruce	13/06/2022 12:29
745680	421875.6607	5494200	20 cm black spruce	Black spruce	13/06/2022 12:29
745681	421888.6335	5494152	25 cm black spruce	Black spruce	13/06/2022 13:06
745681	421910.7329	5494105	20 cm black spruce	Black spruce	
745631	422275.0127	5493836	25 cm, mod health. Pine. Mixed forest. South of forest road.	Pine	13/06/2022 06:41
745632	422289.2575	5493786	40 cm, healthy. On edge of slightly boggy area.	Black spruce	13/06/2022 06:48
745633	422319.2497	5493745	Three trees. 10-20 cm. Mod health. Mixed forest. In boggy area.	Black spruce	13/06/2022 06:58
745634	422336.7514	5493710	Two trees, 15 cm, mod health. Mixed forest. Boggy area.	Black spruce	13/06/2022 07:03
745635	422402.5153	5493643	30 cm, mod health, on small hill of outcrop next to highway.	Black spruce	13/06/2022 07:20
745636	422458.0125	5493469	30 cm, mod health. Near bog, small pond, and highway.	Black spruce	13/06/2022 07:31
745637	422472.2953	5493437	25 cm two trees, mod health. Low outcrop hill in woods. Mixed forest.	Black spruce	13/06/2022 07:42

745638	422486.909	5493372	35 cm, mod health. Mixed forest. Low hill wih outcrop.	Black spruce	13/06/2022 07:53
745639	422514.8651	5493340	2 trees, 25 cm, mod health. Coniferous forest. Low hill.	Black spruce	13/06/2022 08:06
745640	422535.6629	5493308	35 cm, mod health. Bottom hill near bog.	Black spruce	13/06/2022 08:16
745641	422386.579	5493154	45 cm, mod health. Birch dominated forest. Lower boggy area.	Black spruce	13/06/2022 08:28
745642	422338.697	5493259	35 cm, mod health. Top of tree is gone. Mixed forest. On outcrop on sidd of highway.	Black spruce	13/06/2022 08:42
745643	422304.8792	5493291	45 cm mod health. Mixec forest on edge of bog. Near highway.	Black spruce	13/06/2022 08:50
745644	422246.3323	5493438	35 cm, mod health. Mixed forest, bog.	Black spruce	13/06/2022 08:50
745645	422226.2127	5493482	35 cm mod health. Mixed forest. Bog.	Black spruce	13/06/2022 08:50
745646	422191.7419	5493523	35 cm, mod health. Mixed forest. On low hill og outcrop next to bog.	Black spruce	13/06/2022 09:28
745647	422175.7706	5493574	30 cm, mod health. Low plateau near bog.	Black spruce	13/06/2022 09:36
745648	422161.0604	5493612	30 cm, mod health. Mixed forest. Near bog.	Black spruce	13/06/2022 09:46
745649	422129.933	5493654	35 cm, healthy. Mixed forest. Low angle hill	Black spruce	13/06/2022 09:53
745650	422100.2317	5493700	30 cm, mod health. In boukder field by sidd of road.	Pine	13/06/2022 10:09
745701	421951.0926	5493563	30 cm, mod health. Mixed forest. Very long needles.	Pine	13/06/2022 11:19
745702	421981.1548	5493532	25 cm, mod health. Mixed forest. Plateau.	Black spruce.	13/06/2022 11:24
745703	422003.8683	5493483	30 cm, mod health. Mixed forest. On side of small hill with boulder field.	Black spruce.	13/06/2022 11:36
745704	422025.2999	5493440	25 cm, mod health. Mixed forest. Side of hill with boulder field.	Black spruce.	13/06/2022 11:42
745705	422044.1596	5493389	25 cm, Mod health. Mixed forest. In low area next to small hill.	Pine	13/06/2022 11:50
745706	422058.0549	5493355	30 cm, mod health. Next to low outcrop. Mixed forest.	Black spruce	13/06/2022 11:59
745707	422088.2958	5493296	30 cm, mod health. On outcrop near bog. Mixed forest.	Black spruce	13/06/2022 12:10
745708	421997.7859	5493024	35 cm, mod health. Mixed forest on out rop hill next to small valley and creek.	Black spruce	13/06/2022 12:30
745709	421973.6801	5493082	30 cm, mod health. Rocky plateau. Mixed forest.	Black spruce	13/06/2022 12:39
745710	421951.1792	5493126	30 cm, mod health. Mixed forest. Plateau with small whaleback of outcrop.	Black spruce	13/06/2022 12:46
745711	421930.5292	5493168	30 cm, mod health. Mixed forest. Low plateau.	Black spruce	13/06/2022 12:51
745712	421912.6485	5493212	25 cm, mod healthy. Low angle hill. Mixed forest.	Black spruce	13/06/2022 12:59
745713	421886.4222	5493258	30 cm, mod health. Mixed forest. At edgd of slight boggy area and low hill.	Black spruce	13/06/2022 13:07
745714	421859.8525	5493306	50 cm, healthy. Mixed forest. Non descript station.	Black spruce	13/06/2022 13:19
745715	421839.9251	5493348	25 cm, mod health. Near low outcrop. Mixed forest.	Black spruce	13/06/2022 13:27
745716	421820.163	5493396	20 cm, healthy. Mixed forest.	Black spruce	13/06/2022 13:33
745717	421799.8749	5493438	25 cm, mod health. Three trees.Mixed forest. Near to forest road.	Black spruce	13/06/2022 13:42
745718	421785.8391	5493488	Two 20 cm trees. Mod health. Mixed forest. Next to forest.	Black spruce	13/06/2022 13:48
745683	421619.6307	5492905	40 cm, healthy. Mixed forest. Edge of cut block.	Black spruce	
745684	421638.9381	5492865	35 cm healthy spruce in mixed forest near edge of cutblock	Black spruce	14/06/2022 10:55
745685	421654.4397	5492807	35 cm, healthy. Mixed forest.	Black spruce	14/06/2022 11:05
745686	421682.3076	5492769	20 cm healthy in mixed forest on low hill	Black spruce	14/06/2022 11:05

745687	421699.5983	5492729	30 cm healthy spruce in mixed forest on rocky slope	Black spruce	14/06/2022 11:31
745688	421406.3602	5492420	20 cm moderately healthy spruce in bog	Black spruce	14/06/2022 11:53
745689	421382.5726	5492460	35 cm, healthy, mixed forest. in bog.	Black spruce	14/06/2022 11:58
745690	421364.1909	5492509	45 cm, healthy. Mixed forest. Near edge of cut block.	Black spruce	14/06/2022 11:58
745691	421341.5783	5492560	20 cm, healthy. Mixed forest. in bog.	Black spruce	14/06/2022 11:58
745692	421321.7355	5492603	25 cm, healthy. In the bog. Mixed forest.	Black spruce	14/06/2022 11:58
745693	421304.1674	5492638	30 cm spruce in mixed forest near bog and cutblock	Black spruce	14/06/2022 12:38
745694	421275.6863	5492683	25 cm, mod health. Edge of cut block. Coniferous forest	Black spruce	14/06/2022 12:46
745695	421244.6442	5492746	40 cm, healthy. On edge of cut block. Coniferous forest.	Black spruce	14/06/2022 12:46
745696	421230.4356	5492773	30 cm, mod health. Boggy area near edge of cut block. Coniferous forest.	Black spruce	14/06/2022 13:13
745697	421197.3509	5492825	45 cm, mod health. Edge of cut block. Mixed forest	Black spruce	14/06/2022 13:21
745698	421187.3791	5492866	40 cm, healthy, mixed forest near edge of cut block. Boggy.	Black spruce	14/06/2022 13:21
745699	421168.8767	5492911	25 cm, healthy. in bog. Mixed forest.	Black spruce	14/06/2022 13:33
745700	421146.1811	5492961	20 cm, mod health. Mixed forest. Near edge of cut block and forestry road.	Black spruce	14/06/2022 13:33
745751	421121.3746	5493000	25 cm, mod health. Near forest road. Mixed forest.	Black spruce	14/06/2022 13:49
745728	422097.4884	5493756	25cm Black Spruce	Black	15/06/2022 06:36
745729	422073.229	5493803	35cm Black Spruce, moderately healthy	Black	15/06/2022 06:44
745730	422046.5771	5493835	20cm Black Spruce, moderately healthy	Black	15/06/2022 06:44
745731	422027.6999	5493885	20cm Black Spruce, moderately healthy, taken from 2 trees	Black	15/06/2022 06:44
745732	422009.1886	5493924	30cm Black Spruce, healthy	Black	15/06/2022 06:44
745733	421983.7713	5493972	25cm Black Spruce, healthy	Black	15/06/2022 06:44
745734	421942.0907	5494059	20cm Black Spruce, healthy	Black	15/06/2022 06:44
745735	421483.2606	5494535	25cm Black Spruce, healthy. 15m from lake	Black	15/06/2022 06:44
745736	421497.5972	5494517	20cm Black Spruce, healthy.	Black	15/06/2022 06:44
745737	421510.2206	5494465	20cm Black Spruce, healthy.	Black	15/06/2022 06:44
745738	421543.5496	5494426	20cm Black Spruce, healthy.	Black	15/06/2022 06:44
745739	421556.5301	5494379	30cm Black Spruce, healthy. Swampy area	Black	15/06/2022 06:44
745740	421584.8209	5494341	20cm Black Spruce, healthy.	Black	15/06/2022 06:44
745741	421606.0514	5494289	25cm PINE moderately healthy.no spruce in area		15/06/2022 06:44
745742	421656.5154	5494200	20cm spruce, previous stn had NS due to lack of alive trees	Black	15/06/2022 06:44
745743	421665.4905	5494161	15cm Spruce, moderately healthy in boggy wetlands	Black	15/06/2022 06:44
745744	421697.6441	5494115	20cm Spruce, moderately healthy in boggy wetlands	Black	15/06/2022 06:44
745745	421737.3312	5494015	20cm Spruce, moderately healthy in boggy wetlands	Black	15/06/2022 06:44
745746	421759.2112	5493973	25cm Spruce, healthy	Black	15/06/2022 06:44
745747	421782.0614	5493934	25cm Spruce, healthy	Black	15/06/2022 06:44

745748	421803.8734	5493887	25cm Spruce, healthy	Black	15/06/2022 06:44
745749	421823.9205	5493844	15 cm Spruce, healthy , taken from two trees	Black	15/06/2022 06:44
745750	421852.3769	5493802	25cm Spruce, healthy	Black	15/06/2022 06:44
745801	421869.4477	5493752	25cm Spruce, healthy, mixed forest	Black	15/06/2022 06:44
745802	421891.4281	5493707	20cm Spruce, healthy	Black	15/06/2022 06:44
745803	421348.4208	5493488	20cm Spruce, poor health , cutblock	Black	15/06/2022 06:44
745804	421354.769	5493447	15 cm Spruce, moderately healthy	Black	15/06/2022 06:44
745805	421385.8742	5493408	30 cm Spruce, moderately healthy, cutblock	Black	15/06/2022 06:44
745806	421395.4253	5493344	30cm Spruce, moderately healthy, cutblock	Black	15/06/2022 06:44
745807	421413	5493311	15cm Spruce, moderately healthy, cutblock	Black	15/06/2022 06:44
745851	421053.2279	5494984	20 cm, healthy, mixed forest. On hill.	Black spruce	15/06/2022 07:34
745852	421076.5938	5494926	25 cm, mod health. Mixed forest. Top of hill.	Black spruce	15/06/2022 07:46
745853	421100.0186	5494876	30 cm, healthy, mixed forest. Top of hill.	Black spruce	15/06/2022 07:53
745854	421119.793	5494835	30 cm thick healthy spruce in flat mixed forest area	Black spruce	15/06/2022 08:01
745855	421150.4973	5494784	30 cm healthy. Mixed forest. Near low hill on plateau.	Black spruce	15/06/2022 08:01
745856	421164.1467	5494744	25 cm mod health. Mixed forest. Lot of livjen on tree.	Black spruce	15/06/2022 08:21
745857	421190.1234	5494701	30 cm, healthy, mixed forest. Plateau.	Black spruce	15/06/2022 08:30
745858	421198.3182	5494653	35 thick healthy spruce in mixed forest near lake	Black spruce	15/06/2022 08:43
745859	421215.4685	5494604	40 cm, healthy. On edge of lake. Mixed forest.	Black spruce	15/06/2022 09:07
745860	421248.5363	5494572	35 cm, healthy, on outcrop next to lake.	Black spruce	15/06/2022 09:18
745861	421342.0895	5494839	45 cm, healthy, mixed forest near lake.	Black spruce	15/06/2022 09:45
745862	421320.9643	5494872	40 cm, healthy. Mixed forest.	Black spruce	15/06/2022 10:14
745863	421299.4256	5494917	40 cm, healthy, mixed forest. On outcrop slope.	Black spruce	15/06/2022 10:22
745864	421283.5266	5494967	25 cm, mod health. On low hill of outcrop.	Black spruce	15/06/2022 10:31
745865	421248.3567	5495014	30 cm, healthy. In swamp. Mixed forest.	Black spruce	15/06/2022 10:41
745866	421214.5297	5495058	35 cm, healthy, mixed forest. On low whaleback.	Black spruce	15/06/2022 10:51
745867	421214.0631	5495101	2p cm thick, healthy, mixed forest, on plateau near hills	Black spruce	15/06/2022 10:51
745868	421372.1429	5495233	35 cm, healthy. Mixed forest on side of slope.	Black spruce	15/06/2022 11:15
745869	421394.1608	5495186	20 cm, mod health. Coniferous forest. Top of hill.	Black spruce	15/06/2022 11:25
745870	421413.6023	5495146	25 cm, healthy tree in mixed forest at bottom of slope.	Black spruce	15/06/2022 11:35
745871	421439.8069	5495104	25 cm, healthy, on slope. Mixed forest.	Black spruce	15/06/2022 11:35
745872	421459.2731	5495056	30 cm mod health. Mixed forest. Lower plateau.	Black spruce	15/06/2022 11:55
745873	421502.0472	5494965	35 cm, healthy. Edge of bog and lake. Mixed forest.	Black spruce	15/06/2022 12:11
745874	421681.3224	5495054	30 cm, healthy tree, coniferous forest. On edge of lake.	Black spruce	15/06/2022 12:28
745875	421663.073	5495101	25 cm, healthy. Mixed forest. Top of hill.	Black spruce	15/06/2022 12:28

745876	421637.8559	5495137	25 cm, healthy tree. Mixed forest.	Black spruce	15/06/2022 12:56
745877	421615.8676	5495191	30 cm, healthy, mixed forest.	Black spruce	15/06/2022 13:05
745878	421595.6156	5495230	25 cm, healthy tree on rocky slope in mixed forest.	Black spruce	15/06/2022 13:11
745879	421572.7982	5495276	25 cm moderately healthy in coniferous forest on top of hill	Black spruce	15/06/2022 13:11
745880	421553.4235	5495315	35 cm, healthy on slope. Mixed forest.	Black spruce	15/06/2022 13:32
745881	421531.6182	5495367	20 cm moderately healthy spruce on edge of cliff	Black spruce	15/06/2022 13:42
745882	421514.2565	5494024	Two trees, 10 cm, good health. In bog.	Black spruce	16/06/2022 07:30
745883	421492.9728	5494072	30 cm, healthy. Coniferous forest. Edge of bog.	Black spruce	16/06/2022 07:36
745884	421468.8517	5494118	30 cm, healthy, mixed, side of rocky hill.	Black spruce	16/06/2022 07:47
745885	421445.5774	5494163	20 cm moderately healthy tree, side of rocky hill	Black spruce	16/06/2022 07:58
745886	421420.9964	5494208	30 cm, healthy, mixed, on rocky hill	Black spruce	16/06/2022 07:58
745887	421406.6996	5494249	20 cm moderately healthy spruce on rocky plateau in mixed forest	Black spruce	16/06/2022 08:29
745888	421381.6183	5494299	30 cm, healthy. Mixed forest.	Black spruce	16/06/2022 08:45
745889	421359.7104	5494338	35 cm, healthy. Near lake. Mixed forest.	Black spruce	16/06/2022 09:04
745890	421336.6351	5494367	20 cm, healthy, coniferous, edge of lake.	Black spruce	16/06/2022 09:12
745891	421246.4365	5494123	40 cm moderately healthy tree in coniferous forest at edge of lake	Black spruce	16/06/2022 09:31
745892	421276.6867	5494065	25 cm healthy spruce in flat mixed forest area	Black spruce	16/06/2022 09:48
745893	421287.7857	5494028	30 cm healthy spruce in mixed forest on plateau	Black spruce	16/06/2022 10:01
745894	421315.6122	5493983	25 cm, healthy. Mixed forest. Near bottom of hill.	Black spruce	16/06/2022 10:09
745895	421334.0491	5493939	30 cm, good health. Lower area near bog. Mixed forest.	Black spruce	16/06/2022 10:16
745896	421354.6256	5493897	Taken from 2 10 cm moderately healthy spruce trees in bog	Black spruce	16/06/2022 10:30
745897	421382.2896	5493855	Two 10 cm trees. In bog. Coniferous forest. Trees are becoming smaller than 10 cm from this point.	Black spruce	16/06/2022 10:37
745898	421217.2733	5493721	30 cm, healthy. Edge of bog. Mixed forest.	Black spruce	16/06/2022 11:13
745899	421203.7604	5493762	40 cm, healthy, rocky slope, mixed forest.	Black spruce	16/06/2022 11:13
745900	421176.9164	5493805	30 cm healthy spruce in mixed forest on top of rocky hill	Black spruce	16/06/2022 11:49
745951	421139.9793	5493850	30 cm, healthy. Mixed forest. Top of hill.	Black spruce	16/06/2022 12:02
745952	421138.148	5493898	25 cm healthy spruce on side of hill in mixed forest	Black spruce	16/06/2022 12:13
745953	421107.8925	5493940	25 cm, healthy, on slope, mixed forest.	Black spruce	16/06/2022 12:21
745954	421097.3572	5493986	30 cm healthy spruce on side of hill in mixed forest	Black spruce	16/06/2022 12:35
745955	421071.5418	5494035	Taken from two adjacent 20 cm trees. Mixed forest near top of rocky slope by lake	Black spruce	16/06/2022 12:58
745956	421057.0357	5494061	25 cm healthy spruce in coniferous forest at edge of lake	Black spruce	16/06/2022 13:15
745957	420912.4431	5493890	30 cm healthy spruce in mixed forest along slope near lake	Black spruce	16/06/2022 13:50
745808	421646.7367	5493752	25cm healthy	Black	16/06/2022 15:01
745809	421668.4259	5493712	20cm healthy	Black	16/06/2022 15:01
745810	421688.6303	5493665	20cm healthy	Black	16/06/2022 15:01

745811	421708.0734	5493624	15cm healthy, taken from two different trees	Black	16/06/2022 15:01
745812	421750.0339	5493526	35cm healthy, previous stn was NS due to lack of spruce and pine only birch and fur	Black	16/06/2022 15:01
745813	421169.3039	5493354	30cm healthy	Black	16/06/2022 15:01
745814	421151.2162	5493398	20cm, moderately healthy, boggy wetlands	Black	16/06/2022 15:01
745815	421124.6408	5493445	20cm, moderately healthy, boggy wetlands	Black	16/06/2022 15:01
745816	421108.6769	5493486	20cm, moderately healthy, boggy wetlands, large scaley bark	Black	16/06/2022 15:01
745817	421083.4244	5493539	15cm, moderately healthy, boggy wetlands, large scaley bark	Black	16/06/2022 15:01
745818	421064.2895	5493585	20cm, moderately healthy, boggy wetlands, fine scaley bark	Black	16/06/2022 15:01
745819	420946.4387	5493365	25cm, healthy	Black	16/06/2022 15:01
745820	420965.7455	5493321	20cm, healthy, boggy wetlands	Black	16/06/2022 15:01
745821	420993.8038	5493266	20cm, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 15:01
745822	421014.5213	5493219	25cm, healthy, boggy wetlands, scaley bark	Black	16/06/2022 15:01
745823	421034.7381	5493173	20cm, healthy, boggy wetlands, medium scaley bark	Black	16/06/2022 15:01
745824	421059.8158	5493128	25cm, healthy, boggy wetlands, medium scaley bark	Black	16/06/2022 15:01
745825	421075.2148	5493083	20cm, healthy, boggy wetlands, medium scaley bark	Black	16/06/2022 18:18
745826	421093.015	5492590	~20cm, healthy, boggy wetlands, scaley bark. Sample taken from 2 trees	Black	16/06/2022 19:52
745827	421080.6409	5492640	~30cm, healthy, boggy wetlands, scaley bark	Black	16/06/2022 20:01
745828	421064.2226	5492694	~25cm, healthy, boggy wetlands, scaley bark	Black	16/06/2022 20:10
745829	420923.4959	5492955	~30cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 20:40
745830	420899.5334	5493003	~30cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 20:51
745831	420895.2807	5493009	~30cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 20:59
745832	420877.3283	5493047	~20cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 21:06
745833	420854.2513	5493091	~30cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 21:06
745834	420830.6062	5493135	~30cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 21:28
745835	420811.4691	5493171	~25cm thick, moderately healthy, boggy wetlands, scaley bark	Black	16/06/2022 21:28
745836	420794.9928	5493226	~20cm thick, moderately healthy, scaley bark	Black	16/06/2022 21:28
745837	420766.2154	5493271	~30cm thick, moderately healthy, scaley bark	Black	16/06/2022 22:22
745838	420656.6525	5493496	~30cm thick, moderately healthy, scaley bark	Black	16/06/2022 22:30
745752	420615.073	5493581	35cm healthy black spruce	Black	17/06/2022 07:18
745753	420591.9948	5493629		Black spruce	17/06/2022 07:18
745754	420570.4324	5493672	20cm healthy spruce	Black	17/06/2022 07:18
745755	420544.4147	5493722	30cm pine no spruce in outcrop		17/06/2022 07:18
745756	420523.8696	5493766	25cm healthy spruce, no litho taken but peg sample taken	Black	17/06/2022 07:18
745757	420503.463	5493809	30cm wealthy black Spruce	Black	17/06/2022 07:18
745758	420476.3577	5493858	25 m healthy black spruce in slightly wet mixed forest	Black	17/06/2022 07:18

745759	420459.6317	5493896	25cm black spruce in mixed forest	Black	17/06/2022 07:18
745760	420445.8383	5493941	15cm black spruce in mixed forest	Black	17/06/2022 07:18
745761	420417.9562	5493987	35cm black spruce in mixed forest, slight low lands creating small saturated forest, large scaled bark	Black	17/06/2022 07:18
745762	420399.5197	5494036	25cm black spruce in mixed forest, slight low lands creating small saturated forest, no lith	Black	17/06/2022 07:18
745763	420375.133	5494074	20cm black spruce in mixed forest, low lands creating saturated forest, slightly boggy	Black	17/06/2022 07:18
745764	420356.7891	5494124	25m black spruce in mixed forest, low lands creating saturated forest, slightly boggy	Black	17/06/2022 07:18
745765	420333.8966	5494170	25cm black spruce in mixed forest, next to large outcrop	Black	17/06/2022 07:18
745766	420301.0586	5494228	20cm black spruce in mixed forest, next to large outcrop	Black	17/06/2022 07:18
745767	420287.8929	5494261	30cm black spruce in mixed forest	Black	17/06/2022 07:18
745768	420267.8167	5494307	15cm black spruce in mixed forest near large metased outcrop	Black	17/06/2022 07:18
745769	420114.2033	5494173	20cm pine in mixed forest near large metased outcrop, no spruce around	Black	17/06/2022 07:18
745770	420128.3792	5494129	25cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745771	420148.7044	5494086	25cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745772	420176.5278	5494041	2cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745773	420197.7019	5493992	25cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745774	420209.6439	5493943	35cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745775	420237.9533	5493897	25cm black spruce in mixed forest ontop of outcrop	Black	17/06/2022 07:18
745776	420254.7582	5493860	12m black spruce in mixed forest within bog	Black	17/06/2022 07:18
745777	420283.866	5493819	12m black spruce in mixed forest within bog	Black	17/06/2022 07:18
745778	420302.287	5493774	12m black spruce in mixed forest within bog, large scale bark , 2 trees	Black	17/06/2022 07:18
745779	420321.3936	5493726	12cm black spruce in mixed forest within bog, large scale bark	Black	17/06/2022 07:18
745780	420348.2938	5493682	20m black spruce in mixed forest within bog, large scale bark	Black	17/06/2022 07:18
745781	420371.2902	5493639	20m black spruce in mixed forest within bog, large scale bark, sprightly boggy area	Black	17/06/2022 07:18
745782	420395.3075	5493590	15cm black spruce in mixed forest within bog, large scale bark, sprightly boggy area	Black	17/06/2022 07:18
745911	419952.4813	5494051	35 cm, mod health, scaly bark, mixed forest. Next to creek in bog next to hill.	Black spruce	18/06/2022 07:56
745912	419972.571	5494002	35 cm, mod health. Mixed forest. On small plateau on side of hill.	Black spruce	18/06/2022 08:04
745913	419988.3432	5493948	~30cm thick, healthy, mixed forest, very scaly bark	Black spruce	18/06/2022 08:04
745914	420012.8218	5493907	30 cm, healthy. Mixed forest. Scaly bark.	Black spruce	18/06/2022 08:26
745915	420035.5829	5493863	30 cm, pine, mod healthy, very scaly bark. top of bluff.	Pine	18/06/2022 08:48
745916	420058.0754	5493814	25 cm, mod health, very scaly bark, near top of bluff.	Black spruce	18/06/2022 09:00
745917	420085.2344	5493769	30 cm, mod health. Mixed forest. Top of bluff.	Black spruce	18/06/2022 09:00
745918	420114.7588	5493726	35 cm, healthy, very scaly, near low hill	Black spruce	18/06/2022 09:54
745919	420124.8806	5493682	30 cm, healthy, very scaly bark, on rocky bluff before bog	Black spruce	18/06/2022 10:05
745920	420137.3005	5493637	30 cm, mod health, very scaly, edge of bog.	Black spruce	18/06/2022 10:14
745921	420161.2729	5493591	25 cm, boggy wetland, very scaly bark moderately healthy, coniferous forest.	Black spruce	18/06/2022 10:23

745922	420189.222	5493550	20 cm, mod health. Coniferous bog land. Very very scaly bark.	Black spruce	18/06/2022 10:30
745923	420213.0769	5493505	15 cm, mod health, very scaly bark, boggy wetland	Black spruce	18/06/2022 10:44
745924	420241.0702	5493457	2, 15cm trees, coniferous boggy wetlands, very scaly bark	Black spruce	18/06/2022 10:44
745925	420282.3413	5493368	15 cm, mod healthy, scaly bark, boggy wetland	Black spruce	18/06/2022 11:03
745926	420284.0735	5493318	25 cm, mod health, edge of bog, moderately scaly bark, mixed forest.	Black spruce	18/06/2022 11:14
745927	420303.9692	5493265	35 cm, healthy, very scaly bark. On bluff next to bog. Mixed forest.	Black spruce	18/06/2022 11:27
745928	420341.8984	5493239	25 cm, very scaly bark, mixed boggy wetland	Black spruce	18/06/2022 11:49
745929	420363.6019	5493186	20 cm, mod health. Mixed forest. Scaly bark. Boggy wetland.	Black spruce	18/06/2022 12:02
745930	420386.349	5493144	30 cm, mod health, boggy wetland, mod scaly bark.	Black spruce	18/06/2022 12:08
745931	420402.4516	5493104	25cm thick, coniferous wetland, moderately scaly bark	Black spruce	18/06/2022 12:08
745932	420428.8473	5493055	30cm thick, moderately healthy, very scaly bark. Mixed forest	Black spruce	18/06/2022 12:08
745933	420436.5222	5493021	25 cm, very scaly bark, coniferous forest. On edge of cut block.	Black spruce	18/06/2022 13:00
745991	419700.5069	5493640	25 cm, healthy tree near steep cliff. Mixed forest.	Black spruce	19/06/2022 08:27
745992	419720.7239	5493599	40 cm healthy tree, mixed forest. top of bluff.	Black spruce	19/06/2022 08:36
745993	419744.5043	5493545	35 cm, healthy tree, mixed forest. Near low whaleback	Black spruce	19/06/2022 08:48
745994	419766.4156	5493507	20 cm thick healthy spruce in low boggy area	Black spruce	19/06/2022 09:02
745995	419790.847	5493462	30 cm, healthy. mixed forest. rocky plateau.	Black spruce	19/06/2022 09:13
745996	419804.9747	5493420	30 cm, mod health, mixed forest near rocky whalebacks in forest.	Black spruce	19/06/2022 09:24
745997	419841.3554	5493377	40 cm, mod health, pine tree, mixed forest. low rocky hills,	Pine	19/06/2022 09:41
745998	419857.7168	5493315	25 cm, healthy, mixed forest, next to bluff.	Black spruce	19/06/2022 09:54
745999	419868.0339	5493284	40 cm, healthy, mixed forest on slope.	Black spruce	19/06/2022 10:29
746000	419896.1844	5493247	20 cm healthy tree at top of bluff near swamp	Black spruce	19/06/2022 10:44
795751	419914.922	5493189	25 cm, healthy, mixed forest, edge of swamp.	Black spruce	19/06/2022 10:53
795752	419940.5236	5493155	15 cm healthy spruce in mixed forest near rocky bluffs	Black spruce	19/06/2022 11:09
795753	419952.7958	5493105	20 cm, healthy tree, mixed forest. Low plateau.	Black spruce	19/06/2022 11:22
795754	419986.1408	5493062	40 cm, healthy, mixed forest.	Black spruce	19/06/2022 11:34
795755	420000.4667	5493018	30 cm, healthy, mixed forest, near bog	Black spruce	19/06/2022 11:48
795756	420045.4887	5492919	30 cm moderately healthy tree on rocky bluff near bog	Black spruce	19/06/2022 12:05
795757	420067.8373	5492878	25 cm, healthy, on slope on edge of swamp	Black spruce	19/06/2022 12:15
795758	420123.4788	5492799	30 cm, healthy tree, mixed forest. on bluff in bog.	Black spruce	19/06/2022 12:25
795759	420097.4043	5492835	40 cm, healthy, edge of swamp. Coniferous forest.	Black spruce	19/06/2022 12:31
795760	420164.8777	5492699	40 cm, healthy tree, edge of swamp and cutblock. Mixed forest.	Black spruce	19/06/2022 12:39
795761	419385.9665	5493366	30 cm, healthy tree, steep slope, mixed forest.	Black spruce	20/06/2022 08:11
795762	419405.7538	5493331	30 cm, healthy tree, mixed forest at top of rocky slope	Black spruce	20/06/2022 08:23
795763	419424.025	5493290	Taken from 2 20 cm moderately healthy trees at top of rocky slope	Black spruce	20/06/2022 08:32

795764	419444.2805	5493237	Three trees, 15 cm, healthy, low rocky hill, boulder field, mixed forest.	Black spruce	20/06/2022 08:42
795765	419470.9498	5493198	40 cm, healthy, mixed forest on rocky hill.	Black spruce	20/06/2022 08:53
795766	419490.4195	5493155	25 cm, mod health, mixed forest, rocky plateau.	Black spruce	20/06/2022 09:13
795767	419516.8658	5493101	25 cm, hestlthy tree, mixed forest. Top of rocky plateau	Black spruce	20/06/2022 09:30
795768	419535.6711	5493067	35 cm, mod health, mixed forest, next to low hills of outcrop.	Black spruce	20/06/2022 09:44
795769	419555.1943	5493023	45 cm, healthy, mixed forest, top of small hill	Black spruce	20/06/2022 09:57
795770	419589.9314	5492977	30 cm healthy spruce in mixed forest at side of rocky bluff near swamp	Black spruce	20/06/2022 10:13
795771	419600.8982	5492931	30 cm, healthy, edge of rocky plateau. Mixed forest.	Black spruce	20/06/2022 10:29
795772	419542.9862	5493513	20 cm, healthy, mixed forest, edge of cliff.	Black spruce	21/06/2022 08:15
795773	419563.8005	5493468	25 cm thick healthy spruce on rocky slope in mixed forest	Black spruce	21/06/2022 08:30
795774	419580.8223	5493427	20 cm, hestlthy, mixed forest, rocky hill.	Black spruce	21/06/2022 08:37
795775	419612.3685	5493375	Taken from 2 25 cm thick moderately healthy trees in mixed forest on rocky plateau	Black spruce	21/06/2022 08:56
795776	419627.4593	5493334	40 cm, healthy, mixed forest, rocky plateau.	Black spruce	21/06/2022 09:05
795777	419648.914	5493284	25 cm healthy spruce in mixed forest on rocky plateau	Black spruce	21/06/2022 09:18
795778	419675.9936	5493243	40 cm, healthy, mixed forest, rocky plateau	Black spruce	21/06/2022 09:35
795779	419694.5711	5493194	30 cm, mod health, mixed forest, rocky plateau.	Black spruce	21/06/2022 09:45
795780	419728.004	5493147	40 cm, healthy, mixed forest, rocky slope/bluff	Black spruce	21/06/2022 09:57
795781	419740.1854	5493106	25 cm moderately healthy tree in mixed forest between rocky bluffe	Black spruce	21/06/2022 10:12
795782	419762.6524	5493055	35 cm, healthy, mixed forest, rocky slope	Black spruce	21/06/2022 10:12
795783	419782.2431	5493016	45 cm healthy in mixed forest on loe rocky hill	Black spruce	21/06/2022 10:44
795784	419802.2218	5492974	35 cm, healthy, mixed forest, low rocky hills.	Black spruce	21/06/2022 10:55
795785	419821.8579	5492923	25 cm thick moderately healthy spruce in mixdd forest in low boggy area	Black spruce	21/06/2022 11:04
795786	419862.2163	5492875	25 cm, healthy, rovky pkateau, mixed forest.	Black spruce	21/06/2022 11:14
795787	419868.5361	5492838	25 cm thick healthy spruce in mixed forest	Black spruce	21/06/2022 11:22
795788	419892.1206	5492794	45 cm, healthy, mixed forest, edge of bog.	Black spruce	21/06/2022 11:27
795789	419919.6795	5492751	Two trees, 20 cm, coniferous forest, edge of swamp	Black spruce	21/06/2022 11:27
795790	419944.9547	5492690	30 cm, healthy, edge of bog and low whaleback.	Black spruce	21/06/2022 11:46
795791	419964.9847	5492656	45 cm, healthy, mixed forest. Low whalebacks.	Black spruce	21/06/2022 12:07
795792	419973.1415	5492606	35 cm moderately healthy spruce in low mixed forest area	Black spruce	21/06/2022 12:17
795793	421685.5033	5495505	30 cm, mod health, mixed forest, rocky slope near boggy area.	Black spruce	22/06/2022 07:07
795794	421701.8653	5495447	35 cm, healthy, mixed forest, top of small hill	Black spruce	22/06/2022 07:19
795795	421730.3069	5495409	20 cm healthy spruce in mixed forest in small valley between rocky hills	Black spruce	22/06/2022 07:32
795796	421750.0026	5495357	25 cm, healthy tree, mixed forest, top of hill.	Black spruce	22/06/2022 07:46
795797	421780.2576	5495320	25 cm healthy spruce in mixed forest at top of bluff	Black spruce	22/06/2022 07:55
795798	421802.2093	5495279	30 cm, healthy, mixed forest. Side of hill.	Black spruce	22/06/2022 08:12

795799	421820.5382	5495227	30 cm moderately healthy tree in coniferous forest next to lake	Black spruce	22/06/2022 08:24
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APPENDIX B – BIOGEOCHEMISTRY ANALYTICAL CERTIFICATES FROM SGS LABS



ANALYSIS REPORT BBM22-19253

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number	CRITICAL RESOURCES/Graphic	Date Analysed	13-Jul-2022 - 22-Nov-2022
Lake/973 Samples (1-98)		Date Completed	23-Nov-2022
Number of Samples	98	SGS Order Number	BBM22-19253

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742501	0.09	1	145	<30	0.5	1620
742502	0.09	4	28.3	<30	<0.4	44800
742503	0.11	7	8.1	<30	<0.4	13000
742504	0.08	1	132	<30	<0.4	1020
742505	0.10	<1	87.4	<30	0.5	690
742506	0.09	<1	92.4	<30	0.7	870
742507	0.08	1	115	<30	<0.4	1190
742508	0.10	6	19.2	<30	<0.4	25800
742509	0.08	2	136	<30	<0.4	1090
742510	0.10	2	90.7	<30	<0.4	910
742511	0.11	<1	124	<30	0.9	1050
742512	0.09	1	118	<30	<0.4	3400
742513	0.10	2	81.2	<30	<0.4	830
742514	0.07	<1	93.8	<30	<0.4	950
742515	0.08	1	139	<30	0.6	2100
742516	0.10	<1	77.1	<30	<0.4	990
742517	0.12	1	38.5	<30	0.5	480
742518	0.09	8	6.5	<30	<0.4	25900
742519	0.10	5	3.1	40	<0.4	38300
742520	0.07	9	3.3	<30	<0.4	18400
742521	0.08	4	9.6	<30	<0.4	21800
742522	0.09	2	102	<30	<0.4	660
742523	0.06	7	13.5	<30	0.5	37500
742524	0.08	6	15.7	<30	0.6	38800
742525	0.10	6	12.8	<30	<0.4	30800
742526	0.06	38	11.7	<30	<0.4	32400
742527	0.08	2	87.5	<30	<0.4	1720
742528	0.08	12	17.4	<30	0.4	7630
742529	0.09	<1	108	<30	0.5	810

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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742530	0.05	4	36.5	<30	<0.4	34700
742531	0.08	4	9.2	<30	<0.4	27100
742533	0.07	9	18.2	<30	<0.4	19500
742534	0.06	4	15.9	<30	<0.4	34900
742535	0.11	<1	181	<30	<0.4	780
742536	0.06	3	26.7	<30	<0.4	16200
742537	0.08	6	12.4	30	0.4	21300
742538	0.07	8	10.6	<30	0.5	43500
742539	0.09	5	6.4	<30	<0.4	10400
742540	0.07	3	18.2	<30	<0.4	13900
742541	0.09	2	11.9	<30	0.5	13800
742542	0.05	4	32.0	<30	0.6	26200
742543	0.08	5	10.1	<30	0.7	43200
742544	0.09	7	16.8	<30	<0.4	51100
742545	0.11	6	6.6	<30	<0.4	35900
742546	0.07	4	8.6	<30	<0.4	29100
742547	0.11	1	13.7	<30	<0.4	22400
742548	0.08	4	27.8	<30	<0.4	20900
742549	0.98	7	12.9	<30	<0.4	19600
742550	0.11	3	140	<30	<0.4	2540
742601	0.10	3	29.1	30	<0.4	22900
742602	0.10	6	16.8	40	0.7	23100
742603	0.06	3	16.9	50	0.9	26500
742604	0.11	<1	78.0	50	<0.4	1930
742605	0.09	<1	130	<30	<0.4	1450
742606	0.08	2	10.6	<30	<0.4	20600
742607	0.08	1	127	<30	<0.4	1000
742608	0.07	5	8.1	30	<0.4	32500
742609	0.10	<1	11.8	40	0.6	25900

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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742610	0.10	2	147	50	<0.4	890
742611	0.10	3	21.6	70	<0.4	35400
742612	0.07	2	15.6	60	<0.4	23700
742613	0.11	3	8.2	50	0.7	31700
742614	0.09	4	22.6	50	<0.4	31000
742615	0.08	8	12.7	40	0.4	53900
742616	0.11	1	117	80	<0.4	1990
742617	0.09	<1	113	40	0.8	820
742618	0.09	4	73.3	<30	0.6	28700
742619	0.09	5	23.7	50	0.5	38800
742620	0.11	2	23.5	70	0.6	19000
742621	0.07	5	19.9	40	0.6	18900
742622	0.08	<1	4.2	<30	0.5	1380
742623	0.10	<1	206	<30	0.7	1040
742624	0.09	4	18.6	<30	<0.4	44100
742625	0.09	6	24.8	<30	<0.4	32700
742626	0.09	5	14.1	<30	<0.4	40200
742627	0.08	<1	130	40	0.6	2460
742628	0.08	4	27.4	60	0.4	35300
742629	0.08	5	10.6	<30	<0.4	33600
742630	0.11	<1	83.0	<30	<0.4	1130
742631	0.06	5	5.9	30	<0.4	13400
742632	0.08	8	9.4	<30	0.8	47800
742633	0.08	<1	0.8	<30	0.4	290
742634	0.07	<1	157	40	0.7	360
742635	0.09	6	27.4	60	0.7	41700
742636	0.08	9	8.6	<30	<0.4	23500
742637	0.07	2	69.1	<30	<0.4	280
742638	0.08	5	14.6	<30	<0.4	22900

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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742639	0.08	2	3.6	<30	<0.4	10400
742640	0.10	5	4.9	50	0.5	41100
742641	0.11	<1	0.3	<30	0.8	100
742642	0.08	4	15.7	40	0.5	34500
742643	0.11	3	26.8	60	0.8	9570
742644	0.08	3	14.1	40	<0.4	16000
742645	0.10	5	14.0	<30	<0.4	24700
742646	0.07	10	13.4	<30	<0.4	19700
742647	0.10	<1	144	30	0.5	1190
742648	0.11	5	9.9	60	0.5	44000
742649	0.10	7	18.5	<30	0.5	50300
*Rep 742513	-	1	82.3	<30	<0.4	830
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 742523	-	7	14.2	<30	<0.4	37300
*Std MMISRM24	-	17	61.0	<30	4.9	330
*Rep 742543	-	5	9.2	<30	<0.4	40300
*Rep 742601	-	4	28.4	30	<0.4	22700
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Std MMISRM24	-	20	57.3	80	4.4	510
*Rep 742624	-	4	17.9	<30	<0.4	40800
*Rep 742648	-	4	9.4	70	0.7	44800

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742501	2.1	1505	392	60	60	<100
742502	1.2	2067	106	80	80	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742503	2.3	1716	127	31	31	<100
742504	1.4	1334	245	68	68	<100
742505	1.2	1116	112	50	50	<100
742506	0.9	1336	243	58	58	<100
742507	0.6	1487	217	76	76	<100
742508	1.4	1836	86	72	72	<100
742509	1.5	1348	275	128	128	<100
742510	1.5	1276	275	112	112	<100
742511	1.1	1660	278	117	117	<100
742512	2.3	1080	205	214	214	<100
742513	2.6	956	135	73	73	<100
742514	2.8	1012	238	125	125	<100
742515	1.3	1545	373	160	160	<100
742516	1.7	1026	104	85	85	<100
742517	3.4	866	62	63	63	<100
742518	0.6	1627	119	47	47	<100
742519	<0.5	1182	72	30	30	<100
742520	1.0	1418	98	56	56	<100
742521	0.6	2779	45	64	64	<100
742522	1.2	972	443	83	83	<100
742523	0.9	1560	183	54	54	100
742524	1.2	2177	357	51	51	<100
742525	1.2	1421	119	27	27	<100
742526	0.7	1883	147	63	63	<100
742527	2.5	967	105	91	91	<100
742528	0.8	2198	73	81	81	<100
742529	1.5	1111	151	75	75	<100
742530	1.1	1901	279	86	86	<100
742531	0.7	1891	34	54	54	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742533	<0.5	1750	163	71	71	<100
742534	<0.5	1755	271	83	83	100
742535	1.3	890	338	62	62	<100
742536	0.8	1968	144	54	54	<100
742537	<0.5	1723	144	61	61	<100
742538	0.5	1750	190	51	51	<100
742539	0.8	1565	22	45	45	<100
742540	0.8	2179	59	119	119	<100
742541	<0.5	2512	49	85	85	<100
742542	0.6	1690	65	83	83	<100
742543	1.0	1529	115	58	58	<100
742544	0.6	1967	156	79	79	<100
742545	<0.5	1835	105	29	29	<100
742546	0.6	1524	127	34	34	<100
742547	0.6	1579	35	45	45	<100
742548	1.0	2070	95	62	62	<100
742549	<0.5	1475	111	42	42	<100
742550	<0.5	1043	404	43	43	<100
742601	3.6	1873	76	40	40	100
742602	1.9	1754	50	80	80	200
742603	1.6	1903	40	36	36	100
742604	1.8	1098	202	114	114	100
742605	1.1	1083	247	49	49	100
742606	0.6	1922	36	75	75	100
742607	2.1	1116	263	100	100	<100
742608	<0.5	2116	180	32	32	100
742609	<0.5	1694	78	64	64	100
742610	2.6	1200	284	73	73	200
742611	<0.5	1860	95	64	64	200

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742612	<0.5	2023	106	65	65	200
742613	<0.5	1241	60	47	47	200
742614	0.7	1486	62	46	46	200
742615	<0.5	2043	179	59	59	200
742616	<0.5	1978	236	60	60	<100
742617	0.7	1045	418	38	38	100
742618	0.7	2098	94	66	66	200
742619	<0.5	2141	66	78	78	200
742620	1.4	1487	53	63	63	200
742621	<0.5	1974	62	57	57	<100
742622	<0.5	286	6	9	9	200
742623	0.7	1063	263	71	71	100
742624	<0.5	2137	92	39	39	200
742625	2.2	2066	82	93	93	100
742626	1.6	2374	124	64	64	100
742627	<0.5	1565	482	61	61	<100
742628	0.5	2140	121	55	55	<100
742629	1.8	2137	46	41	41	100
742630	1.4	1061	149	56	56	<100
742631	<0.5	1029	60	42	42	<100
742632	<0.5	2743	53	60	60	200
742633	<0.5	41	11	<2	<1	<100
742634	<0.5	820	55	30	30	<100
742635	<0.5	1962	222	37	37	<100
742636	0.8	1639	116	23	23	100
742637	0.6	656	44	16	16	<100
742638	0.9	1856	184	61	61	100
742639	<0.5	697	59	18	18	<100
742640	1.9	2629	86	31	31	100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742641	<0.5	4	<2	<2	<1	100
742642	<0.5	1859	145	60	60	100
742643	0.6	1768	40	75	75	200
742644	<0.5	2228	60	37	37	200
742645	0.8	1837	116	66	66	200
742646	0.5	1901	69	39	39	<100
742647	<0.5	1335	387	52	52	<100
742648	<0.5	2560	203	56	56	<100
742649	<0.5	2553	150	82	82	100
*Rep 742513	2.4	982	133	73	73	<100
*Blk BLANK	0.7	5	<2	<2	<1	<100
*Rep 742523	0.8	1528	184	55	55	100
*Std MMISRM24	0.8	119	11	112	25	<100
*Rep 742543	<0.5	1465	112	54	54	<100
*Rep 742601	2.5	1889	79	42	42	200
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Std MMISRM24	0.6	80	8	109	23	<100
*Rep 742624	4.9	1926	85	43	43	100
*Rep 742648	<0.5	2593	193	53	53	<100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742501	13.0	1750	4.5	2.1	1.2	23
742502	16.4	990	5.6	3.1	9.3	30
742503	25.8	1660	1.9	0.9	3.0	22
742504	10.2	1470	6.1	3.1	3.4	20

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742505	8.7	1550	3.5	2.2	0.7	16
742506	44.4	1260	4.7	2.9	1.3	17
742507	24.1	1450	5.6	3.0	1.8	21
742508	61.8	1380	5.0	2.3	6.8	26
742509	247	1640	8.6	4.4	2.4	23
742510	25.1	1380	7.6	5.0	2.0	20
742511	19.4	1530	7.9	4.7	1.9	26
742512	9.1	1580	10.6	4.9	3.1	19
742513	49.1	2470	5.0	3.1	1.3	14
742514	35.5	1660	9.7	4.2	2.4	16
742515	10.5	1450	12.2	5.7	3.4	22
742516	8.5	1920	5.7	3.2	1.6	14
742517	6.6	1760	4.3	2.0	0.9	11
742518	26.0	1690	3.8	2.3	5.1	21
742519	12.4	1480	2.6	1.2	7.6	16
742520	26.3	2290	6.2	2.6	4.2	18
742521	7.4	1110	6.5	3.0	5.7	37
742522	130	2350	6.2	3.0	1.4	15
742523	34.8	1640	3.8	1.4	7.8	23
742524	36.5	1180	3.7	2.0	7.6	30
742525	42.8	1520	1.7	0.8	5.0	20
742526	88.9	1500	5.7	4.0	7.3	26
742527	11.4	2070	7.0	4.4	2.1	15
742528	58.3	920	6.9	3.4	2.5	32
742529	15.1	1910	5.3	2.3	1.1	15
742530	83.4	1420	6.8	3.6	7.5	27
742531	4.0	930	5.3	1.7	5.8	26
742533	128	1780	5.7	3.1	4.5	27
742534	56.9	1890	6.0	3.8	7.0	31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742535	37.7	1000	4.4	2.2	0.9	19
742536	71.5	980	4.3	1.6	3.2	29
742537	59.1	1230	4.6	2.5	5.1	26
742538	9.3	1320	3.5	1.8	8.2	26
742539	5.4	1410	3.6	2.1	2.5	21
742540	8.2	1100	9.4	4.9	4.4	31
742541	10.5	750	7.5	3.5	4.9	35
742542	47.2	1190	8.0	3.9	6.4	25
742543	10.0	1420	3.7	1.9	8.4	23
742544	16.1	1450	4.6	3.1	11.2	28
742545	39.6	1450	2.4	1.2	6.2	24
742546	303	1260	2.2	1.9	5.6	21
742547	57.1	1310	3.0	2.2	5.3	22
742548	53.4	1020	4.3	2.4	5.3	29
742549	173	1490	2.9	1.7	5.3	20
742550	310	1380	2.7	1.7	1.1	15
742601	95.2	1110	3.4	1.7	5.8	27
742602	145	1470	7.4	3.7	6.1	28
742603	57.6	1270	3.0	1.3	5.8	27
742604	47.0	1220	8.7	3.5	2.8	21
742605	26.6	900	3.7	2.0	1.2	16
742606	39.6	930	6.4	3.7	5.9	27
742607	96.5	1370	7.2	3.3	2.9	18
742608	14.1	1220	3.1	1.5	7.1	30
742609	12.6	990	4.5	2.0	5.8	24
742610	45.0	1220	6.0	3.1	2.6	17
742611	18.3	1220	5.5	3.3	8.4	27
742612	32.5	970	5.9	2.6	5.7	30
742613	20.1	1210	3.9	1.8	7.1	18

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742614	82.3	1180	3.1	1.8	6.8	23
742615	23.4	2150	4.5	2.0	11.3	31
742616	78.8	1110	5.0	2.6	1.5	28
742617	33.5	1050	2.3	1.5	0.7	15
742618	72.7	1850	5.2	3.3	7.1	30
742619	28.1	1200	6.6	3.3	9.0	32
742620	26.2	1190	4.5	2.3	4.8	23
742621	39.2	1270	4.7	2.4	5.1	28
742622	2.5	140	1.4	0.8	0.5	5
742623	20.1	1130	5.9	2.1	1.5	18
742624	109	2140	2.7	1.8	8.4	32
742625	60.6	1520	7.8	3.9	9.3	30
742626	86.5	2040	5.8	2.8	11.7	33
742627	38.1	1010	5.7	2.8	1.8	24
742628	170	1680	4.0	2.4	7.9	31
742629	118	1410	3.3	1.9	7.7	30
742630	50.9	1630	4.6	2.1	1.6	16
742631	15.1	1330	3.5	2.5	3.6	16
742632	13.4	1380	4.9	2.5	10.2	38
742633	<0.2	<20	<0.5	<0.2	<0.2	<1
742634	8.7	930	1.8	1.3	0.6	13
742635	5.5	1490	2.9	1.7	8.8	27
742636	10.8	1540	1.7	0.9	6.1	22
742637	18.3	850	0.7	0.3	0.5	9
742638	20.6	1300	5.4	1.8	6.9	26
742639	43.7	560	1.8	1.0	2.0	11
742640	4.0	2770	1.6	0.9	8.0	38
742641	<0.2	<20	<0.5	<0.2	<0.2	<1
742642	14.5	1080	4.1	2.4	7.9	28

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742643	11.0	1260	6.4	3.5	3.2	29
742644	9.1	960	2.9	1.4	4.2	30
742645	25.6	1700	4.9	2.7	7.0	27
742646	97.8	1380	3.0	2.2	4.7	26
742647	18.1	1070	3.7	2.4	1.4	21
742648	12.6	1150	4.9	2.0	10.4	38
742649	55.3	1200	6.7	2.9	11.8	38
*Rep 742513	49.8	2530	5.7	3.3	1.1	14
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 742523	36.2	1560	4.2	2.0	7.1	23
*Std MMISRM24	16.6	350	6.0	2.8	1.5	17
*Rep 742543	9.4	1340	2.8	1.7	8.5	21
*Rep 742601	98.1	1080	3.6	1.9	5.0	26
*Blk BLANK	<0.2	<20	<0.5	0.3	0.2	<1
*Std MMISRM24	15.0	310	7.2	2.6	1.9	18
*Rep 742624	106	2110	2.9	2.1	9.6	26
*Rep 742648	12.0	1100	3.9	2.2	10.3	37

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742501	3	5.7	<1	<0.1	244	25.5
742502	10	7.1	5	<0.1	328	32.3
742503	7	2.9	3	<0.1	483	14.3
742504	5	6.9	<1	<0.1	262	32.2
742505	2	4.3	<1	<0.1	228	22.6
742506	5	6.9	<1	<0.1	212	26.4

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742507	3	8.1	<1	0.1	255	32.8
742508	7	7.8	<1	<0.1	331	32.0
742509	4	12.3	<1	0.1	256	52.5
742510	4	11.4	2	<0.1	284	47.6
742511	4	10.4	1	0.1	281	47.5
742512	2	13.9	<1	0.2	202	91.7
742513	3	7.2	<1	<0.1	200	28.9
742514	4	13.5	<1	<0.1	247	48.6
742515	4	15.4	1	<0.1	297	69.0
742516	2	8.7	<1	<0.1	216	35.7
742517	2	6.1	<1	<0.1	172	26.1
742518	6	5.7	2	<0.1	335	19.0
742519	4	3.6	<1	<0.1	256	14.5
742520	4	6.7	<1	<0.1	513	23.8
742521	3	8.0	2	<0.1	226	28.6
742522	6	9.5	<1	<0.1	350	31.2
742523	8	5.5	5	<0.1	629	25.7
742524	7	5.5	2	<0.1	269	25.0
742525	6	2.6	<1	<0.1	453	12.5
742526	8	8.2	6	<0.1	1295	26.3
742527	2	9.7	<1	<0.1	181	38.9
742528	6	9.4	4	<0.1	711	38.1
742529	2	6.6	<1	<0.1	222	32.5
742530	9	6.9	2	<0.1	560	43.9
742531	5	6.3	5	<0.1	196	25.2
742533	6	7.2	5	<0.1	290	33.7
742534	4	8.4	5	<0.1	277	38.8
742535	5	5.0	1	<0.1	165	27.9
742536	5	5.4	4	<0.1	287	26.6

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742537	6	6.3	3	<0.1	279	27.4
742538	9	5.0	4	<0.1	458	25.6
742539	5	4.5	2	<0.1	288	20.0
742540	9	11.9	10	<0.1	325	53.8
742541	5	10.2	3	<0.1	280	38.0
742542	7	10.3	2	<0.1	275	35.1
742543	9	5.7	3	<0.1	385	28.2
742544	9	7.1	2	<0.1	460	40.3
742545	5	3.5	2	<0.1	201	14.4
742546	4	3.5	1	<0.1	277	15.4
742547	4	4.2	<1	<0.1	246	21.4
742548	4	6.0	3	<0.1	291	29.5
742549	5	3.9	2	<0.1	370	21.0
742550	5	4.2	<1	<0.1	621	19.2
742601	5	4.3	<1	<0.1	322	18.0
742602	7	8.6	3	<0.1	342	37.2
742603	5	4.2	2	<0.1	251	15.8
742604	6	12.4	2	<0.1	193	48.4
742605	4	4.5	<1	<0.1	197	24.4
742606	5	9.7	2	<0.1	338	34.5
742607	1	12.2	<1	0.1	269	38.1
742608	6	3.2	3	<0.1	229	13.9
742609	13	5.8	<1	<0.1	430	28.2
742610	<1	8.0	<1	0.1	213	26.4
742611	6	7.3	3	<0.1	178	28.2
742612	7	7.7	4	<0.1	290	27.9
742613	8	5.0	2	<0.1	367	21.0
742614	7	4.0	1	<0.1	383	21.1
742615	10	5.5	7	<0.1	386	24.5

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742616	5	6.5	3	<0.1	230	24.7
742617	3	4.1	<1	<0.1	186	14.3
742618	6	5.5	2	<0.1	402	30.3
742619	6	9.5	5	<0.1	349	33.7
742620	5	7.8	2	<0.1	391	28.6
742621	5	7.2	2	<0.1	212	21.1
742622	1	1.1	<1	<0.1	48	46.2
742623	5	6.4	<1	<0.1	177	28.0
742624	5	4.1	2	<0.1	348	19.1
742625	7	9.9	8	<0.1	315	40.9
742626	2	7.8	6	<0.1	333	26.0
742627	7	7.7	<1	<0.1	186	24.7
742628	8	6.5	1	<0.1	351	24.2
742629	1	5.1	2	0.1	215	16.2
742630	<1	5.8	3	<0.1	353	23.5
742631	6	4.1	4	<0.1	261	15.2
742632	7	6.6	1	<0.1	325	26.9
742633	<1	<0.2	<1	<0.1	3	26.0
742634	4	2.9	<1	<0.1	232	10.7
742635	16	3.5	2	<0.1	347	16.6
742636	3	3.1	<1	<0.1	152	7.9
742637	<1	0.9	1	<0.1	281	4.6
742638	6	6.3	4	<0.1	334	25.8
742639	4	1.9	1	<0.1	143	10.4
742640	3	2.0	<1	<0.1	653	15.6
742641	<1	<0.2	<1	<0.1	6	20.5
742642	9	6.1	4	<0.1	453	27.7
742643	7	8.9	6	<0.1	747	31.4
742644	6	4.5	3	<0.1	218	15.0

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742645	3	7.6	4	<0.1	315	28.8
742646	3	5.2	4	<0.1	260	15.5
742647	6	4.8	<1	<0.1	197	20.9
742648	8	6.7	3	<0.1	376	25.8
742649	9	8.7	3	<0.1	302	38.3
*Rep 742513	3	7.3	<1	<0.1	203	28.1
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Rep 742523	8	4.8	7	<0.1	618	25.3
*Std MMISRM24	8	8.3	4	<0.1	15	50.3
*Rep 742543	8	5.7	3	<0.1	362	27.1
*Rep 742601	6	3.9	1	<0.1	320	19.1
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std MMISRM24	9	8.8	6	<0.1	14	48.1
*Rep 742624	4	4.7	3	<0.1	324	19.6
*Rep 742648	8	6.4	3	<0.1	362	23.9

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
742501	<10	289	67100	<1	<0.5	29
742502	<10	214	313000	7	<0.5	40
742503	<10	207	226000	3	<0.5	14
742504	<10	265	97900	3	<0.5	39
742505	<10	202	62800	2	<0.5	26
742506	<10	231	114000	2	<0.5	35
742507	<10	279	105000	4	<0.5	45
742508	<10	237	160000	2	<0.5	35

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742509	<10	236	34000	<1	<0.5	65
742510	<10	269	103000	4	<0.5	58
742511	<10	247	92000	5	<0.5	56
742512	<10	169	31700	3	<0.5	86
742513	<10	185	67200	<1	<0.5	40
742514	<10	162	65600	1	<0.5	66
742515	<10	263	83800	3	<0.5	79
742516	<10	184	51700	1	<0.5	45
742517	<10	165	33100	<1	1.5	33
742518	<10	153	154000	3	<0.5	25
742519	<10	122	138000	2	<0.5	18
742520	<10	226	126000	3	<0.5	33
742521	<10	262	78400	3	<0.5	41
742522	<10	184	156000	2	0.6	42
742523	<10	211	214000	5	<0.5	25
742524	<10	220	265000	5	<0.5	26
742525	<10	206	211000	4	<0.5	15
742526	<10	272	160000	5	<0.5	34
742527	<10	180	40200	<1	<0.5	49
742528	<10	256	126000	3	<0.5	43
742529	<10	151	30800	<1	<0.5	39
742530	<10	317	242000	8	<0.5	40
742531	<10	152	145000	3	<0.5	29
742533	<10	108	118000	3	<0.5	38
742534	<10	194	183000	3	<0.5	42
742535	<10	124	99100	2	<0.5	31
742536	<10	167	122000	2	<0.5	27
742537	<10	142	153000	5	<0.5	32
742538	<10	202	271000	7	<0.5	25

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742539	<10	148	137000	2	<0.5	26
742540	<10	238	219000	4	<0.5	60
742541	<10	185	151000	4	<0.5	45
742542	<10	177	119000	4	<0.5	46
742543	<10	188	265000	6	<0.5	29
742544	<10	268	284000	6	<0.5	36
742545	<10	120	163000	4	<0.5	14
742546	<10	131	142000	2	<0.5	19
742547	<10	193	97200	2	<0.5	22
742548	10	209	92300	3	<0.5	31
742549	<10	163	153000	4	<0.5	22
742550	<10	206	124000	4	<0.5	22
742601	<10	294	153000	4	3.2	22
742602	<10	214	160000	6	<0.5	44
742603	<10	240	155000	4	<0.5	20
742604	<10	149	50000	3	<0.5	61
742605	<10	195	55300	2	<0.5	24
742606	10	239	138000	6	<0.5	43
742607	<10	205	59800	4	<0.5	55
742608	<10	136	177000	4	<0.5	17
742609	<10	310	381000	12	<0.5	31
742610	<10	134	52400	3	<0.5	39
742611	<10	134	154000	5	<0.5	33
742612	<10	217	188000	6	<0.5	31
742613	10	186	232000	8	<0.5	27
742614	<10	272	258000	6	<0.5	25
742615	<10	212	273000	6	<0.5	29
742616	<10	191	111000	4	<0.5	32
742617	<10	160	78500	2	<0.5	18

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742618	20	275	161000	3	<0.5	35
742619	10	185	144000	4	<0.5	40
742620	10	207	98500	3	0.5	32
742621	<10	153	141000	5	<0.5	33
742622	<10	27	26900	2	<0.5	6
742623	<10	205	70100	4	<0.5	38
742624	10	328	182000	3	<0.5	18
742625	<10	240	229000	6	<0.5	49
742626	<10	253	151000	6	<0.5	31
742627	<10	271	144000	3	<0.5	36
742628	<10	244	175000	3	<0.5	28
742629	<10	185	112000	2	<0.5	21
742630	<10	137	50200	<1	<0.5	30
742631	<10	84	114000	3	<0.5	27
742632	<10	331	185000	6	<0.5	30
742633	<10	5	10900	<1	<0.5	1
742634	<10	143	94200	2	<0.5	14
742635	<10	249	498000	12	<0.5	18
742636	<10	108	202000	5	<0.5	11
742637	<10	134	44000	2	<0.5	8
742638	<10	188	215000	5	<0.5	32
742639	<10	84	81500	<1	<0.5	11
742640	<10	293	77800	4	<0.5	12
742641	<10	3	5630	<1	<0.5	<1
742642	10	224	256000	8	<0.5	33
742643	20	348	181000	5	<0.5	38
742644	<10	187	159000	4	<0.5	18
742645	<10	218	218000	5	<0.5	34
742646	<10	147	138000	4	<0.5	22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742647	<10	226	108000	3	<0.5	26
742648	<10	218	212000	6	<0.5	29
742649	<10	263	201000	6	<0.5	45
*Rep 742513	<10	188	68400	2	<0.5	40
*Blk BLANK	<10	<1	<10	<1	<0.5	<1
*Rep 742523	<10	206	219000	5	0.6	28
*Std MMISRM24	<10	23	730	32	<0.5	51
*Rep 742543	<10	177	248000	6	<0.5	26
*Rep 742601	<10	289	152000	5	1.3	23
*Blk BLANK	<10	<1	<10	<1	1.1	1
*Std MMISRM24	<10	20	340	26	<0.5	47
*Rep 742624	<10	288	170000	5	1.5	22
*Rep 742648	<10	213	212000	5	<0.5	29

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742501	500	77.7	340	2	8.0	0.4
742502	470	103	560	<1	9.7	0.3
742503	250	46.2	180	<1	3.8	<0.2
742504	550	87.9	330	<1	9.1	0.3
742505	370	70.0	260	<1	6.7	<0.2
742506	500	75.6	310	2	8.2	<0.2
742507	430	92.9	340	1	9.9	<0.2
742508	440	72.6	400	<1	8.8	<0.2
742509	550	88.7	450	<1	17.1	<0.2
742510	370	101	360	<1	14.4	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742511	570	96.0	430	<1	14.9	<0.2
742512	450	65.8	320	<1	24.3	<0.2
742513	430	62.8	210	<1	9.8	<0.2
742514	520	67.9	360	<1	16.9	<0.2
742515	520	90.4	340	<1	20.8	<0.2
742516	480	53.6	260	<1	11.7	<0.2
742517	320	35.4	160	<1	8.3	<0.2
742518	290	108	160	<1	6.1	<0.2
742519	170	74.6	80	<1	3.8	<0.2
742520	240	90.9	150	<1	7.6	<0.2
742521	370	57.2	370	<1	9.1	<0.2
742522	360	108	220	<1	11.1	<0.2
742523	390	91.5	780	<1	6.6	<0.2
742524	710	72.8	490	3	6.8	<0.2
742525	380	66.1	130	1	3.5	<0.2
742526	340	282	420	<1	8.2	<0.2
742527	470	48.0	250	<1	12.2	<0.2
742528	330	152	1300	<1	10.4	<0.2
742529	380	71.3	150	1	9.7	<0.2
742530	860	100.0	670	<1	10.4	<0.2
742531	330	48.3	600	<1	7.3	<0.2
742533	410	85.0	810	<1	7.9	<0.2
742534	360	76.2	660	4	9.9	<0.2
742535	220	50.6	360	1	7.5	<0.2
742536	410	63.9	450	<1	7.2	<0.2
742537	330	77.9	580	<1	7.2	<0.2
742538	470	95.1	270	2	5.7	<0.2
742539	200	67.9	250	<1	6.2	0.3
742540	300	94.0	1690	<1	14.8	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
742541	310	96.8	530	<1	11.5	0.3
742542	450	86.4	460	<1	10.7	<0.2
742543	590	101	420	1	7.5	<0.2
742544	1460	97.5	520	<1	10.0	<0.2
742545	390	45.1	140	<1	3.8	<0.2
742546	560	53.2	190	<1	4.3	<0.2
742547	310	43.4	340	<1	5.6	<0.2
742548	420	48.1	620	<1	7.7	<0.2
742549	340	60.6	440	<1	5.5	<0.2
742550	410	109	230	2	5.7	<0.2
742601	600	48.6	300	<1	6.1	0.4
742602	430	81.2	590	<1	10.7	<0.2
742603	320	38.0	230	<1	4.7	<0.2
742604	260	50.9	930	1	15.5	<0.2
742605	200	58.3	250	<1	6.5	<0.2
742606	230	57.5	760	<1	10.0	<0.2
742607	620	70.5	510	1	14.2	<0.2
742608	490	52.8	230	<1	4.2	<0.2
742609	410	90.4	260	<1	8.1	<0.2
742610	420	56.8	210	2	10.4	<0.2
742611	340	46.2	360	<1	8.3	<0.2
742612	370	59.6	390	<1	8.2	<0.2
742613	350	63.0	230	<1	6.3	<0.2
742614	520	62.3	220	<1	5.7	<0.2
742615	680	72.9	510	<1	7.0	<0.2
742616	480	70.8	590	<1	7.7	<0.2
742617	180	39.9	280	<1	4.8	<0.2
742618	670	78.5	520	<1	8.2	<0.2
742619	380	57.1	630	<1	11.2	<0.2

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Element Method	Ni GE_MMIMV	P GE_MMIMV	Pb GE_MMIMV	Pd GE_MMIMV	Pr GE_MMIMV	Pt GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742620	260	61.6	310	<1	7.7	<0.2
742621	550	60.4	360	<1	6.8	<0.2
742622	10	12.0	180	<1	1.0	<0.2
742623	210	57.4	640	<1	9.1	<0.2
742624	340	50.4	330	1	3.9	<0.2
742625	610	77.3	1080	<1	12.2	0.2
742626	550	82.5	570	<1	8.2	0.2
742627	280	68.6	300	<1	7.8	<0.2
742628	420	72.4	400	<1	6.9	<0.2
742629	500	52.0	310	<1	5.4	0.4
742630	330	60.0	1000	<1	7.8	<0.2
742631	130	77.8	130	<1	5.9	0.4
742632	360	79.6	330	<1	6.8	<0.2
742633	<10	2.7	<40	<1	<0.5	<0.2
742634	150	61.6	70	<1	3.6	<0.2
742635	460	59.1	110	<1	4.4	<0.2
742636	250	45.8	100	<1	3.0	<0.2
742637	120	39.9	70	<1	2.3	<0.2
742638	450	77.9	510	<1	7.7	<0.2
742639	220	26.3	50	<1	2.2	<0.2
742640	360	52.0	100	2	3.2	<0.2
742641	<10	1.8	<40	<1	<0.5	<0.2
742642	270	61.9	370	<1	7.4	<0.2
742643	340	70.3	720	<1	9.3	<0.2
742644	260	45.6	230	<1	4.3	<0.2
742645	390	64.6	570	<1	8.8	<0.2
742646	370	78.3	190	<1	4.9	<0.2
742647	230	67.5	350	<1	6.4	0.2
742648	380	69.1	360	2	7.2	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742649	430	52.4	600	1	9.7	<0.2
*Rep 742513	440	62.5	210	<1	10.1	<0.2
*Blk BLANK	<10	0.8	<40	<1	0.9	<0.2
*Rep 742523	390	95.9	800	<1	6.4	0.4
*Std MMISRM24	240	3.3	450	10	14.4	4.6
*Rep 742543	580	89.8	400	<1	6.9	<0.2
*Rep 742601	600	50.9	300	<1	5.8	<0.2
*Blk BLANK	<10	0.6	<40	<1	1.0	0.2
*Std MMISRM24	170	1.8	390	8	12.7	4.4
*Rep 742624	370	46.6	330	<1	5.7	0.3
*Rep 742648	360	68.5	370	<1	7.2	0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742501	1230	<1	9	6	<10	3160
742502	1730	2	18	7	<10	11700
742503	3070	<1	8	2	<10	5800
742504	831	1	<5	7	<10	2630
742505	814	<1	<5	5	<10	2350
742506	1650	<1	<5	6	<10	1760
742507	1160	2	10	7	<10	2350
742508	1760	1	16	8	<10	5830
742509	1430	1	11	13	<10	2080
742510	1350	2	11	11	<10	1610
742511	1250	1	11	12	<10	2230
742512	660	2	15	14	<10	5100

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742513	1350	<1	<5	7	<10	1890
742514	1060	1	13	13	<10	1430
742515	940	1	16	15	<10	2790
742516	693	<1	6	8	<10	1890
742517	250	2	<5	6	<10	770
742518	1350	2	13	6	<10	5650
742519	1270	<1	5	3	<10	6270
742520	3490	2	9	7	<10	5810
742521	941	2	15	8	<10	13100
742522	2870	1	13	9	<10	770
742523	3570	2	16	5	<10	8100
742524	1590	2	11	5	<10	6460
742525	2650	1	12	2	<10	5220
742526	5560	2	16	7	<10	9010
742527	482	<1	10	8	<10	1910
742528	2480	2	15	9	<10	2640
742529	919	<1	7	8	<10	2090
742530	3370	2	14	8	<10	7550
742531	532	2	9	6	<10	8630
742533	1970	<1	10	9	<10	7430
742534	1310	2	16	8	<10	8790
742535	747	1	9	5	<10	1460
742536	1540	1	11	4	<10	7660
742537	1260	1	8	5	<10	5120
742538	2310	2	11	4	<10	8160
742539	938	2	9	5	10	5490
742540	1100	2	14	13	<10	6910
742541	752	3	12	9	<10	9030
742542	1350	2	13	8	<10	6100

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
742543	2010	2	11	6	<10	9180
742544	2300	2	14	7	<10	14400
742545	1750	1	<5	3	<10	8260
742546	2100	<1	9	3	<10	5800
742547	1310	1	9	5	<10	7370
742548	1730	3	13	6	<10	10100
742549	2310	1	9	4	<10	7060
742550	5740	<1	6	3	<10	1730
742601	2220	2	20	5	<10	5620
742602	2010	2	13	11	<10	4550
742603	1780	2	6	4	<10	8000
742604	895	<1	8	11	<10	2440
742605	668	4	<5	5	<10	2590
742606	1280	3	<5	8	<10	15100
742607	1620	1	<5	12	<10	1590
742608	996	<1	<5	4	<10	9090
742609	1470	2	<5	6	<10	13900
742610	929	<1	<5	7	<10	1410
742611	625	2	<5	7	<10	9320
742612	1540	<1	<5	7	<10	8130
742613	2160	3	<5	5	<10	6810
742614	2350	1	11	5	<10	5830
742615	1860	<1	7	5	<10	9070
742616	1070	<1	9	6	<10	2350
742617	725	<1	<5	3	<10	1570
742618	1940	<1	12	8	<10	9060
742619	1830	<1	9	9	<10	10300
742620	2140	1	5	7	<10	6360
742621	962	<1	<5	6	<10	4420

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
742622	188	2	14	1	<10	490
742623	756	<1	<5	6	<10	1660
742624	3250	<1	<5	4	<10	10100
742625	2020	1	50	9	<10	9230
742626	2340	<1	47	7	<10	9180
742627	876	<1	38	7	<10	2760
742628	2630	<1	25	6	<10	8540
742629	1260	<1	20	4	<10	8550
742630	2340	<1	12	6	<10	1840
742631	1130	2	7	6	<10	4260
742632	1520	<1	13	6	<10	13600
742633	28	2	<5	<1	<10	150
742634	1500	<1	<5	3	<10	1040
742635	2400	<1	<5	4	<10	7770
742636	1500	<1	<5	3	<10	5070
742637	1960	<1	<5	2	<10	790
742638	2020	2	<5	6	<10	6500
742639	870	<1	<5	2	<10	2490
742640	1360	<1	<5	2	<10	9620
742641	24	<1	<5	<1	<10	10
742642	3140	<1	<5	6	<10	5340
742643	2920	2	9	9	<10	3310
742644	916	<1	<5	4	<10	6860
742645	1630	<1	<5	7	<10	7500
742646	1640	<1	<5	5	<10	6160
742647	729	<1	<5	5	<10	1870
742648	1270	2	<5	7	<10	11000
742649	1260	1	<5	8	<10	15500
*Rep 742513	1390	<1	<5	8	<10	1950

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Rep 742523	3480	3	16	5	<10	7980
*Std MMISRM24	172	<1	23	9	<10	3140
*Rep 742543	1850	2	7	5	<10	8900
*Rep 742601	2280	<1	12	5	<10	5380
*Blk BLANK	<1	<1	9	<1	<10	<10
*Std MMISRM24	162	<1	<5	9	<10	3220
*Rep 742624	3100	1	48	4	<10	9020
*Rep 742648	1220	<1	<5	6	<10	11100

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742501	<2	0.7	<10	6.3	300	2.6
742502	<2	1.2	<10	6.1	400	1.7
742503	<2	0.4	<10	2.5	200	1.1
742504	<2	1.3	<10	5.1	300	1.9
742505	<2	0.6	<10	2.1	200	1.0
742506	<2	0.7	<10	2.4	200	2.0
742507	<2	1.2	<10	4.1	300	2.0
742508	<2	0.9	<10	5.7	300	5.8
742509	<2	1.9	<10	11.1	400	5.3
742510	<2	1.4	<10	11.1	300	2.4
742511	<2	1.6	<10	8.0	300	2.0
742512	<2	1.7	<10	15.5	200	1.7
742513	<2	1.0	<10	2.4	200	1.5
742514	<2	2.0	<10	8.9	200	1.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
 Submission Number
 Lake/973 Samples (1-98)
 Number of Samples

CRITICAL RESOURCES
 CRITICAL RESOURCES/Graphic
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ANALYSIS REPORT BBM22-19253

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742515	<2	2.4	<10	11.4	300	1.6
742516	<2	1.1	<10	3.7	200	1.3
742517	<2	0.8	<10	2.9	<100	0.4
742518	<2	0.6	<10	<0.5	400	1.8
742519	<2	0.5	<10	<0.5	200	0.2
742520	<2	1.1	<10	1.6	300	2.5
742521	<2	1.2	<10	2.8	200	3.1
742522	<2	1.3	<10	8.5	400	3.0
742523	<2	0.7	<10	2.4	300	3.8
742524	<2	0.7	<10	2.1	300	4.1
742525	<2	0.3	<10	0.5	200	1.8
742526	<2	1.2	<10	2.9	1000	4.0
742527	<2	1.3	<10	6.3	200	0.7
742528	<2	1.4	<10	6.3	500	6.5
742529	<2	0.9	<10	2.7	300	1.5
742530	<2	1.0	<10	4.7	400	8.2
742531	<2	0.7	<10	2.4	200	1.5
742533	<2	1.0	<10	3.4	300	6.5
742534	<2	1.1	<10	4.5	200	3.5
742535	<2	0.9	<10	4.7	200	1.8
742536	<2	0.9	<10	4.3	200	6.2
742537	<2	0.8	<10	2.3	300	5.1
742538	<2	0.6	<10	1.7	300	1.3
742539	<2	0.7	<10	2.0	200	0.9
742540	<2	1.7	<10	8.4	400	2.8
742541	<2	1.5	<10	5.6	400	1.0
742542	<2	1.3	<10	6.3	300	0.8
742543	<2	0.6	<10	2.7	300	2.1
742544	<2	0.9	<10	3.5	300	2.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
 Submission Number
 Lake/973 Samples (1-98)
 Number of Samples

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ANALYSIS REPORT BBM22-19253

Element Method	Ta GE_MMIMV	Tb GE_MMIMV	Te GE_MMIMV	Th GE_MMIMV	Ti GE_MMIMV	Tl GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742545	<2	0.3	<10	<0.5	100	0.9
742546	<2	0.4	<10	0.8	200	0.8
742547	<2	0.6	<10	1.2	200	5.2
742548	<2	0.9	<10	5.4	200	4.1
742549	<2	0.6	<10	<0.5	200	2.3
742550	<2	0.3	<10	1.0	400	7.4
742601	3	0.4	20	3.7	200	8.5
742602	<2	1.1	<10	6.2	300	4.6
742603	<2	0.5	<10	1.4	100	5.3
742604	<2	1.4	<10	10.5	200	3.2
742605	<2	0.5	<10	2.5	200	3.4
742606	<2	1.1	<10	4.2	200	4.1
742607	<2	1.3	<10	11.6	300	3.3
742608	<2	0.3	<10	<0.5	200	3.0
742609	<2	0.8	<10	2.2	300	4.8
742610	<2	0.7	<10	7.4	200	1.9
742611	<2	0.6	<10	3.4	200	0.9
742612	<2	0.8	<10	3.2	200	5.7
742613	<2	0.4	<10	1.2	200	0.8
742614	<2	0.3	<10	0.9	200	7.7
742615	<2	0.4	<10	1.0	200	2.1
742616	<2	0.9	<10	1.9	200	5.7
742617	<2	0.2	<10	1.7	100	3.7
742618	<2	0.8	<10	2.6	300	2.8
742619	<2	1.0	<10	4.9	200	3.0
742620	<2	0.7	<10	2.4	200	3.5
742621	<2	0.8	<10	3.0	200	3.5
742622	23	1.5	50	<0.5	<100	<0.1
742623	<2	0.7	<10	3.8	200	2.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
 Submission Number
 Lake/973 Samples (1-98)
 Number of Samples

CRITICAL RESOURCES
 CRITICAL RESOURCES/Graphic
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ANALYSIS REPORT BBM22-19253

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742624	<2	0.3	<10	0.6	200	2.8
742625	<2	0.9	<10	9.9	300	8.2
742626	<2	0.7	<10	3.6	300	2.4
742627	<2	0.8	<10	4.5	200	3.5
742628	<2	0.5	<10	2.2	300	6.1
742629	<2	0.5	<10	1.2	200	5.4
742630	<2	0.5	<10	1.0	200	2.3
742631	<2	0.4	<10	2.1	300	1.3
742632	<2	0.6	<10	1.7	200	0.8
742633	30	0.6	30	<0.5	<100	<0.1
742634	<2	0.2	<10	<0.5	200	0.9
742635	<2	0.3	<10	<0.5	200	1.0
742636	<2	<0.1	<10	<0.5	200	2.0
742637	<2	<0.1	<10	<0.5	200	0.6
742638	<2	0.8	<10	2.0	300	1.8
742639	14	0.1	<10	<0.5	<100	4.7
742640	4	<0.1	<10	<0.5	200	0.7
742641	26	0.7	10	<0.5	<100	<0.1
742642	<2	0.6	<10	1.4	200	1.9
742643	<2	1.0	<10	6.2	300	4.2
742644	<2	0.3	<10	0.8	100	1.1
742645	<2	0.6	<10	1.9	300	3.8
742646	<2	0.4	<10	2.3	300	2.6
742647	<2	0.4	<10	0.7	200	2.9
742648	<2	0.7	<10	2.1	200	1.8
742649	<2	1.3	<10	4.3	300	2.9
*Rep 742513	<2	1.0	<10	2.6	200	1.3
*Blk BLANK	<2	0.1	<10	<0.5	<100	<0.1
*Rep 742523	<2	0.6	<10	2.1	300	4.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Lake/973 Samples (1-98)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/Graphic
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ANALYSIS REPORT BBM22-19253

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM24	<2	1.2	<10	27.1	100	0.5
*Rep 742543	<2	0.5	<10	2.1	300	2.8
*Rep 742601	3	0.5	10	3.3	200	8.3
*Blk BLANK	<2	<0.1	10	0.7	<100	<0.1
*Std MMISRM24	3	1.1	<10	27.4	<100	0.1
*Rep 742624	<2	0.6	20	2.2	200	2.4
*Rep 742648	<2	0.6	<10	1.8	200	2.2

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742501	1.7	<1	23	2.4	40800	5
742502	1.8	<1	31	2.5	35500	7
742503	<0.5	<1	11	1.1	32600	3
742504	2.5	<1	30	2.7	30500	6
742505	1.7	<1	20	1.7	23900	5
742506	2.6	<1	26	2.2	30700	5
742507	2.8	<1	35	2.9	38700	6
742508	2.3	<1	29	2.4	45100	6
742509	3.6	<1	49	4.4	23800	10
742510	3.8	<1	42	3.8	29700	10
742511	4.4	<1	47	3.8	33200	7
742512	4.8	<1	48	4.1	25500	9
742513	2.3	<1	31	2.4	25000	4
742514	3.6	<1	55	4.1	24600	6
742515	4.3	<1	68	4.5	44500	8
742516	2.7	<1	37	2.9	18300	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
 Submission Number
 Lake/973 Samples (1-98)
 Number of Samples

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ANALYSIS REPORT BBM22-19253

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742517	1.3	<1	26	1.8	15100	<2
742518	1.0	<1	23	2.1	19300	4
742519	0.5	<1	15	1.2	19000	2
742520	0.8	<1	29	1.7	25000	<2
742521	1.3	<1	34	2.5	28800	8
742522	3.4	<1	37	2.5	38800	8
742523	1.4	<1	22	1.7	26600	6
742524	1.4	<1	22	1.8	43100	6
742525	0.7	<1	11	0.9	49300	4
742526	2.1	<1	32	2.6	41500	7
742527	2.8	<1	41	2.8	17100	5
742528	2.9	<1	39	3.0	52200	6
742529	2.6	<1	32	1.4	19400	5
742530	3.0	<1	32	2.7	56900	7
742531	1.4	<1	24	2.0	32000	7
742533	2.3	<1	34	2.5	32800	7
742534	1.9	<1	38	2.2	45500	7
742535	2.1	<1	28	1.9	34200	9
742536	1.6	<1	23	1.8	28200	8
742537	1.4	<1	28	2.2	29500	4
742538	1.4	<1	22	1.8	30400	5
742539	0.7	<1	21	1.5	35900	5
742540	3.3	<1	53	3.8	56300	10
742541	2.2	<1	40	3.2	43000	5
742542	3.7	<1	37	2.7	31500	7
742543	1.6	<1	23	2.2	42200	7
742544	2.0	<1	30	2.5	61500	8
742545	<0.5	<1	14	0.9	30900	3
742546	1.0	<1	16	1.0	21500	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Number of Samples

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 CRITICAL RESOURCES/Graphic
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ANALYSIS REPORT BBM22-19253

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742547	1.1	<1	20	1.5	35100	4
742548	2.3	<1	28	1.7	38000	12
742549	1.2	<1	18	1.3	22000	4
742550	1.7	<1	19	1.6	43800	5
742601	1.0	<1	17	1.4	46700	5
742602	2.0	<1	35	3.4	39500	10
742603	0.7	<1	15	1.4	29600	5
742604	3.2	<1	49	3.7	22900	10
742605	1.7	<1	19	1.6	40500	6
742606	1.8	<1	36	2.7	37100	10
742607	2.7	<1	40	3.4	29500	7
742608	<0.5	<1	14	1.3	26700	4
742609	0.7	<1	27	1.8	24800	4
742610	2.5	<1	30	2.5	35000	4
742611	2.0	<1	27	2.5	42600	9
742612	1.4	<1	32	2.4	39000	7
742613	0.7	<1	21	1.5	21100	7
742614	1.2	<1	18	1.3	31000	7
742615	0.9	<1	24	2.1	31300	8
742616	2.4	<1	27	1.9	34400	5
742617	1.2	<1	16	1.1	24200	3
742618	2.1	<1	28	2.4	39300	10
742619	2.2	<1	39	2.4	27400	12
742620	1.7	<1	25	2.0	34300	10
742621	1.5	<1	29	1.9	26500	5
742622	<0.5	<1	5	0.3	7100	2
742623	2.5	<1	31	2.0	33900	6
742624	0.7	<1	16	1.3	49000	4
742625	2.6	<1	38	2.7	25600	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19253

Element Method	U GE_MMIMV	W GE_MMIMV	Y GE_MMIMV	Yb GE_MMIMV	Zn GE_MMIMV	Zr GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742626	1.4	<1	27	2.5	31400	6
742627	2.4	<1	30	2.3	42400	5
742628	1.6	<1	23	2.1	41300	6
742629	0.7	<1	18	0.9	23400	4
742630	1.9	<1	24	2.1	14700	4
742631	1.0	<1	20	1.8	12300	5
742632	0.8	<1	26	1.9	51800	5
742633	<0.5	<1	<1	<0.2	2200	<2
742634	1.3	<1	12	0.7	10600	3
742635	0.7	<1	15	1.1	27600	4
742636	<0.5	<1	10	0.8	20700	2
742637	0.9	<1	6	0.4	8000	<2
742638	1.2	<1	25	1.7	42200	7
742639	<0.5	<1	7	0.5	12200	<2
742640	<0.5	<1	10	0.6	81300	2
742641	<0.5	<1	<1	<0.2	1700	<2
742642	1.0	<1	25	1.7	35100	7
742643	2.5	<1	36	2.2	36600	18
742644	0.8	<1	16	1.4	39000	5
742645	1.4	<1	26	1.6	34700	5
742646	1.1	<1	17	1.3	29800	4
742647	1.6	<1	22	1.6	34600	4
742648	1.0	<1	25	1.9	52900	10
742649	1.6	<1	36	2.6	69800	13
*Rep 742513	2.3	<1	32	2.5	26300	3
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 742523	1.5	<1	22	1.7	26400	8
*Std MMISRM24	17.9	<1	42	2.4	300	49
*Rep 742543	1.3	<1	20	1.7	40500	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
 Submission Number
 Lake/973 Samples (1-98)
 Number of Samples

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 CRITICAL RESOURCES/Graphic
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ANALYSIS REPORT BBM22-19253

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 742601	1.0	<1	17	1.3	44800	5
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std MMISRM24	12.8	<1	42	1.6	200	52
*Rep 742624	0.9	<1	16	1.5	45300	5
*Rep 742648	0.9	<1	26	1.9	52900	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19255

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (99-196)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 28-Nov-2022
Number of Samples	98	Date Completed	01-Dec-2022
		SGS Order Number	BBM22-19255

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
742650	0.08	6	10.1	<30	<0.4	29900
742651	0.06	5	10.9	50	0.4	8210
742652	0.08	6	15.3	50	0.4	15000
742653	0.08	6	2.3	<30	<0.4	17800
742654	0.09	2	4.7	<30	0.4	35700
742655	0.07	5	22.7	<30	<0.4	37600
742656	0.09	6	19.4	50	<0.4	46600
742657	0.08	7	49.9	<30	<0.4	26800
742658	0.09	7	12.5	<30	<0.4	22800
742659	0.11	<1	59.2	30	<0.4	1660
742660	0.10	7	9.2	40	0.5	31000
742661	0.05	5	24.8	40	<0.4	28200
742662	0.06	5	13.3	<30	<0.4	27900
742663	0.09	2	121	<30	<0.4	2200
742664	0.07	5	10.9	50	1.0	31600
742665	0.06	10	7.1	40	<0.4	32900
742666	0.08	5	27.2	<30	<0.4	36300
742667	0.08	7	11.8	<30	0.6	19000
742668	0.07	3	30.0	<30	<0.4	40800
742669	0.07	8	22.3	<30	<0.4	16700
742670	0.08	9	6.1	<30	0.4	40800
742671	0.08	5	13.2	<30	<0.4	37800
742672	0.09	8	21.2	<30	0.4	44600
742673	0.10	10	6.4	<30	<0.4	37700
742674	0.08	16	9.7	<30	<0.4	30400
742675	0.07	<1	158	<30	0.5	2400
742676	0.08	7	5.1	<30	<0.4	42300
742677	0.09	3	10.1	<30	<0.4	17400
742678	0.06	4	14.9	<30	<0.4	24100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742679	0.13	1	133	<30	<0.4	1000
742680	0.06	13	18.6	<30	0.5	19100
742681	0.11	6	19.2	50	0.4	22000
742682	0.06	3	13.0	<30	0.4	36300
742683	0.12	4	10.4	30	0.5	30200
742684	0.09	3	8.9	<30	<0.4	29700
742685	0.11	2	91.1	<30	<0.4	1120
742686	0.08	<1	14.3	<30	<0.4	150
742687	0.11	2	89.8	<30	<0.4	1680
742688	0.09	<1	97.0	40	0.5	1480
742689	0.12	<1	220	<30	<0.4	3290
742690	0.07	2	102	<30	<0.4	980
742691	0.10	4	3.5	<30	<0.4	7650
742692	0.08	3	6.9	40	0.4	18500
742693	0.11	3	5.0	<30	<0.4	26100
742694	0.11	2	9.2	<30	<0.4	12300
742695	0.10	5	5.0	<30	0.4	21100
742696	0.08	10	19.0	<30	<0.4	28800
742697	0.11	7	13.2	<30	<0.4	40900
742698	0.08	4	20.2	<30	<0.4	28900
742699	0.11	5	10.1	<30	<0.4	28000
742700	0.09	2	73.2	<30	<0.4	510
742701	0.10	<1	90.3	40	<0.4	1020
742702	0.09	5	11.6	<30	<0.4	24600
742703	0.10	5	11.5	<30	<0.4	41900
742704	0.11	6	18.6	40	<0.4	19300
742705	0.09	4	5.8	<30	<0.4	13900
742706	0.08	<1	130	<30	<0.4	520
742707	0.09	5	12.6	30	<0.4	15100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
742708	0.09	4	18.8	<30	<0.4	40400
742709	0.09	2	8.1	40	<0.4	38300
742710	0.10	3	8.8	<30	<0.4	23800
742711	0.08	6	7.3	<30	<0.4	21600
742712	0.14	3	28.1	<30	<0.4	22000
742713	0.11	4	19.0	<30	<0.4	14400
742714	0.08	3	18.4	<30	<0.4	12800
742715	0.08	<1	79.3	<30	<0.4	1330
742716	0.11	2	108	40	<0.4	1400
742717	0.10	1	85.7	<30	<0.4	1280
742718	0.09	1	137	<30	<0.4	2270
742719	0.08	1	148	50	<0.4	1410
742720	0.11	<1	79.1	<30	0.4	930
742721	0.09	5	10.8	<30	<0.4	26900
742722	0.08	4	15.8	<30	<0.4	28100
742723	0.07	7	8.3	30	<0.4	24600
742724	0.10	7	9.8	<30	<0.4	27000
742725	0.09	7	8.6	<30	<0.4	28600
742726	0.07	6	14.6	<30	0.5	27600
742727	0.08	2	130	<30	<0.4	2130
742728	0.10	<1	72.5	<30	<0.4	1270
742729	0.09	1	97.0	<30	<0.4	1140
742730	0.07	<1	177	40	<0.4	1760
742731	0.08	6	17.1	<30	<0.4	36800
742732	0.07	6	12.8	<30	<0.4	16600
742733	0.10	9	14.6	<30	<0.4	36100
742734	0.11	6	12.9	<30	<0.4	43600
742735	0.07	9	5.6	<30	<0.4	27700
742736	0.10	2	119	<30	<0.4	920

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742737	0.10	2	121	<30	<0.4	740
742738	0.11	1	80.0	<30	<0.4	1010
742739	0.08	7	7.6	<30	<0.4	23600
742740	0.08	6	6.4	<30	<0.4	16500
742741	0.12	2	7.2	<30	<0.4	35800
742742	0.11	7	23.3	40	<0.4	27300
742743	0.09	2	24.0	<30	<0.4	24700
742744	0.09	3	34.1	<30	<0.4	46700
742745	0.10	3	12.6	<30	<0.4	21700
742746	0.11	8	9.1	<30	<0.4	18200
742747	0.08	7	7.3	<30	<0.4	23900
*Rep 742706	-	<1	110	<30	0.5	510
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Std MMISRM24	-	18	51.9	<30	9.9	420
*Rep 742733	-	7	15.0	<30	<0.4	36700
*Rep 742746	-	6	9.0	<30	<0.4	17900
*Rep 742650	-	7	9.7	30	<0.4	29500
*Blk BLANK	-	<1	<0.1	<30	0.5	<40
*Rep 742674	-	11	10.3	<30	0.7	25800
*Std MMISRM19	-	28	45.8	40	22.0	5000
*Rep 742687	-	<1	86.7	<30	1.1	1540

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742650	3.2	1369	80	52	52	200
742651	2.0	994	34	67	67	200

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742652	2.1	1392	45	42	42	200
742653	1.5	1211	80	21	21	200
742654	2.1	2750	58	46	46	100
742655	<0.5	2268	158	62	62	200
742656	<0.5	2427	76	55	55	100
742657	0.7	1715	115	56	56	200
742658	0.8	1372	135	46	46	200
742659	1.2	735	122	24	24	<100
742660	1.0	1300	233	41	41	200
742661	1.0	2358	97	82	82	100
742662	<0.5	1704	59	80	80	200
742663	0.6	1663	174	169	169	<100
742664	0.9	2711	154	26	26	200
742665	1.1	1563	102	59	59	100
742666	1.0	2135	126	45	45	200
742667	0.6	1754	29	113	113	200
742668	<0.5	2959	91	91	91	200
742669	0.5	2506	45	105	105	100
742670	0.8	3481	183	38	38	<100
742671	1.3	2125	260	41	41	200
742672	<0.5	2736	300	55	55	200
742673	0.9	1791	165	52	52	200
742674	<0.5	1844	159	36	36	200
742675	2.0	1365	300	134	134	<100
742676	0.5	1937	118	35	35	<100
742677	0.8	1548	420	57	57	<100
742678	0.7	2447	192	74	74	<100
742679	0.9	1162	183	83	83	<100
742680	0.5	1791	102	52	52	<100

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742681	<0.5	1665	165	52	52	<100
742682	0.7	2351	225	70	70	100
742683	0.7	1999	236	37	37	<100
742684	2.0	3394	91	46	46	<100
742685	<0.5	1292	256	60	60	<100
742686	<0.5	136	25	12	12	<100
742687	<0.5	1560	298	79	79	<100
742688	<0.5	1454	196	85	85	<100
742689	0.7	1288	306	67	67	<100
742690	<0.5	1457	211	81	81	<100
742691	<0.5	751	21	39	39	<100
742692	<0.5	1751	170	44	44	<100
742693	<0.5	2785	133	32	32	<100
742694	4.4	2569	60	49	49	100
742695	<0.5	1264	36	40	40	<100
742696	<0.5	1752	150	21	21	<100
742697	<0.5	1913	157	71	71	<100
742698	<0.5	1280	93	47	47	<100
742699	3.9	2111	146	48	48	200
742700	1.3	1079	396	48	48	<100
742701	2.4	1173	259	30	30	100
742702	4.2	1653	155	35	35	200
742703	1.7	2060	101	29	29	<100
742704	2.6	1303	104	71	71	200
742705	1.5	1214	74	19	19	200
742706	<0.5	1005	134	38	38	100
742707	1.0	1226	51	85	85	100
742708	<0.5	2553	137	46	46	<100
742709	1.3	1678	94	42	42	200

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 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742710	<0.5	1818	56	49	49	<100
742711	<0.5	1020	22	93	93	200
742712	2.6	1853	172	23	23	400
742713	<0.5	1601	42	59	59	200
742714	<0.5	2004	53	115	115	200
742715	<0.5	1360	273	90	90	100
742716	<0.5	1289	224	156	156	200
742717	<0.5	1191	210	65	65	100
742718	<0.5	1519	289	134	134	200
742719	<0.5	1602	237	122	122	100
742720	<0.5	1324	154	78	78	100
742721	<0.5	1946	54	47	47	100
742722	<0.5	1544	48	75	75	100
742723	<0.5	1995	120	48	48	100
742724	1.0	1864	154	27	27	100
742725	<0.5	2247	90	37	37	<100
742726	<0.5	1461	83	62	62	200
742727	<0.5	1115	205	90	90	200
742728	<0.5	1074	160	54	54	<100
742729	<0.5	1343	296	47	47	100
742730	<0.5	1644	289	95	95	100
742731	<0.5	1376	99	57	57	200
742732	<0.5	1256	54	64	64	100
742733	<0.5	1570	142	43	43	200
742734	<0.5	1910	231	73	73	100
742735	<0.5	1140	102	70	70	100
742736	<0.5	1286	132	67	67	<100
742737	<0.5	1607	105	77	77	<100
742738	<0.5	1172	102	85	85	100

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Order Number CRITICAL RESOURCES
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 Samples (99-196)
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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742739	<0.5	1679	82	48	48	200
742740	<0.5	1322	46	61	61	<100
742741	<0.5	2791	80	45	45	100
742742	<0.5	1454	80	57	57	200
742743	<0.5	2164	128	58	58	<100
742744	<0.5	2127	92	58	58	<100
742745	<0.5	1884	42	58	58	<100
742746	<0.5	2298	83	74	74	<100
742747	<0.5	1854	93	54	54	100
*Rep 742706	0.7	963	130	38	38	<100
*Blk BLANK	0.5	<2	<2	<2	<1	<100
*Std MMISRM24	1.7	94	8	117	26	<100
*Rep 742733	<0.5	1655	151	43	43	200
*Rep 742746	<0.5	2169	76	77	77	<100
*Rep 742650	2.8	1354	77	53	53	200
*Blk BLANK	0.6	3	<2	<2	<1	<100
*Rep 742674	1.0	1650	150	31	31	100
*Std MMISRM19	<0.5	1898	56	408	623	100
*Rep 742687	<0.5	1392	263	74	74	<100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742650	29.1	1660	4.6	2.0	7.4	20
742651	254	1500	5.8	2.5	3.5	17
742652	86.8	2310	3.0	1.6	3.8	20
742653	4.6	1520	1.5	1.3	4.6	17

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Order Number
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Samples (99-196)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742654	11.1	1640	3.0	1.4	8.7	36
742655	14.8	1410	5.5	2.5	8.8	32
742656	38.3	1310	4.8	2.4	11.0	32
742657	14.4	1690	4.2	2.4	6.9	25
742658	4.0	1880	3.7	1.9	6.4	20
742659	7.0	1540	2.2	1.0	0.9	13
742660	19.5	1860	3.3	1.6	7.0	19
742661	265	1310	7.8	3.7	8.4	33
742662	32.3	1080	6.4	3.6	7.9	24
742663	54.5	1830	12.8	7.8	4.4	23
742664	7.6	1590	1.6	1.0	7.6	37
742665	21.0	1380	5.2	3.0	9.6	23
742666	16.9	1480	3.0	1.4	8.5	29
742667	4.9	1330	11.2	5.0	7.2	26
742668	28.2	1180	7.7	4.8	10.7	40
742669	56.8	1350	10.1	4.1	6.3	34
742670	29.1	1500	2.8	1.3	9.6	47
742671	48.8	1750	3.4	1.8	9.2	29
742672	26.7	2120	4.4	2.4	10.2	37
742673	12.2	1480	3.4	2.4	9.0	24
742674	31.7	1610	3.4	1.7	7.9	25
742675	9.3	2300	11.0	6.1	3.0	24
742676	11.7	1220	2.8	1.4	9.2	25
742677	25.8	1500	4.8	1.9	4.7	22
742678	9.0	1400	5.3	2.8	6.8	33
742679	28.7	1140	6.2	2.9	2.1	18
742680	44.9	1630	4.8	2.1	5.6	26
742681	15.8	1420	3.2	2.1	5.6	25
742682	16.7	1190	5.0	2.4	9.1	33

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Order Number CRITICAL RESOURCES
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 Samples (99-196)
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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742683	14.8	1480	3.2	1.0	7.0	29
742684	32.5	1340	2.7	1.8	7.0	47
742685	17.2	1540	3.9	2.1	1.4	19
742686	0.5	80	1.6	0.6	<0.2	2
742687	7.0	1170	7.3	3.6	2.4	21
742688	11.0	1130	6.3	3.2	2.1	20
742689	8.7	1490	5.8	2.7	2.0	20
742690	52.8	1220	6.7	3.1	2.3	21
742691	5.1	1040	3.4	1.8	2.2	13
742692	6.5	1220	2.4	1.1	4.3	25
742693	5.3	1780	2.6	1.4	6.1	39
742694	42.8	2840	4.0	1.5	3.4	34
742695	13.2	1080	4.1	1.8	5.4	19
742696	58.4	1400	1.3	0.5	6.0	24
742697	26.4	1260	4.3	1.6	10.3	27
742698	22.6	1350	4.0	1.6	7.4	20
742699	25.7	1460	3.3	2.0	5.9	30
742700	16.8	1770	3.7	1.6	1.2	17
742701	147	1500	2.0	1.6	0.8	18
742702	53.8	1560	2.3	1.3	5.4	24
742703	15.6	1790	1.9	1.0	7.6	28
742704	49.6	1720	4.1	2.7	4.6	22
742705	47.6	1370	1.2	0.6	3.1	18
742706	13.5	1160	2.6	1.9	0.8	14
742707	131	1320	7.8	3.7	4.2	19
742708	17.2	910	4.6	1.5	8.4	35
742709	11.7	790	3.4	1.9	8.2	25
742710	18.9	740	3.7	1.9	5.3	26
742711	25.0	1320	6.7	4.4	5.5	16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742712	47.8	2080	1.5	0.6	4.4	26
742713	17.7	1220	2.9	1.4	3.6	23
742714	10.9	740	9.9	4.8	4.9	30
742715	15.5	1180	7.0	3.5	2.0	20
742716	27.7	1450	12.5	6.6	3.6	19
742717	14.6	1430	5.0	2.2	1.4	18
742718	16.8	1410	10.6	4.6	3.0	24
742719	23.2	1340	10.8	5.5	2.7	23
742720	15.8	1700	5.7	3.1	1.7	20
742721	30.4	1690	3.4	1.9	5.6	27
742722	39.7	1290	6.0	3.4	6.9	23
742723	55.9	1400	2.7	1.4	5.2	30
742724	14.6	1350	1.8	0.7	5.9	27
742725	57.1	1670	2.5	1.2	6.5	32
742726	195	1180	4.8	2.4	5.9	23
742727	21.4	2090	7.4	3.7	2.5	17
742728	65.7	1240	3.5	2.2	1.5	16
742729	19.7	1410	3.3	2.6	1.1	19
742730	27.0	1410	7.8	3.8	2.2	24
742731	26.9	1550	4.0	2.2	8.2	21
742732	35.5	1580	5.1	2.5	4.0	19
742733	35.4	1310	3.9	1.2	7.1	24
742734	20.9	1850	5.5	3.4	9.9	29
742735	11.9	1400	5.4	2.9	6.7	18
742736	15.6	1350	4.3	2.5	1.6	20
742737	14.8	1140	5.9	2.7	1.4	24
742738	19.3	1750	5.8	3.6	1.9	19
742739	70.4	1330	4.6	2.4	5.3	25
742740	51.5	1250	5.1	3.1	4.6	20

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742741	17.0	1570	3.2	1.2	7.7	39
742742	30.4	1600	3.4	1.4	7.2	24
742743	27.2	1110	3.8	2.1	5.2	31
742744	12.6	1000	3.9	1.9	9.9	31
742745	17.3	890	4.8	2.3	5.5	27
742746	8.5	1020	5.8	3.5	5.6	34
742747	28.4	1190	3.9	1.5	5.6	27
*Rep 742706	13.5	1090	2.4	1.7	0.5	15
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Std MMISRM24	15.7	370	6.1	2.6	2.2	13
*Rep 742733	34.2	1350	3.1	2.1	8.1	24
*Rep 742746	8.5	990	5.4	3.9	5.1	33
*Rep 742650	28.1	1670	5.2	2.2	8.6	19
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.3	<1
*Rep 742674	29.4	1360	2.1	1.2	6.2	24
*Std MMISRM19	31.2	3630	97.4	46.0	32.8	38
*Rep 742687	5.4	990	5.9	3.9	2.0	19

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742650	6	6.4	3	<0.1	312	25.7
742651	5	8.8	6	<0.1	528	26.4
742652	5	4.7	2	<0.1	264	18.7
742653	4	2.1	2	<0.1	181	10.0
742654	4	5.0	<1	<0.1	273	21.2
742655	12	6.3	7	<0.1	384	30.5

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742656	8	5.7	7	<0.1	308	24.3
742657	11	5.8	4	<0.1	472	27.5
742658	11	5.9	8	<0.1	625	21.1
742659	2	3.4	1	<0.1	322	10.5
742660	7	4.9	4	<0.1	450	19.7
742661	3	9.6	6	<0.1	390	34.5
742662	2	9.3	3	<0.1	344	28.9
742663	<1	18.9	2	0.1	261	65.8
742664	12	2.4	3	<0.1	360	13.3
742665	8	7.1	3	<0.1	446	25.6
742666	10	4.7	3	<0.1	315	21.7
742667	4	14.3	4	<0.1	278	43.8
742668	4	10.0	2	<0.1	309	38.7
742669	<1	14.4	5	<0.1	219	40.8
742670	8	4.5	4	<0.1	247	16.8
742671	10	3.7	8	<0.1	456	19.0
742672	14	6.2	5	<0.1	460	28.3
742673	7	5.1	5	<0.1	551	24.7
742674	6	4.0	3	<0.1	344	16.3
742675	4	16.3	2	<0.1	307	57.9
742676	6	3.1	4	<0.1	216	15.7
742677	9	5.3	5	<0.1	429	27.9
742678	7	8.0	8	<0.1	322	31.1
742679	<1	9.6	4	<0.1	194	36.7
742680	11	6.5	5	<0.1	440	20.4
742681	8	5.5	4	<0.1	265	24.1
742682	16	6.6	5	<0.1	304	32.7
742683	11	3.6	3	<0.1	424	18.0
742684	3	4.5	3	<0.1	831	18.9

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742685	1	6.6	2	<0.1	279	23.7
742686	<1	1.3	3	<0.1	27	40.0
742687	4	9.8	2	<0.1	281	33.1
742688	3	7.5	3	<0.1	250	36.3
742689	6	6.5	3	<0.1	297	30.8
742690	6	9.2	4	0.1	618	34.2
742691	4	5.0	3	<0.1	270	15.9
742692	10	4.1	3	<0.1	372	22.9
742693	6	2.7	2	<0.1	985	16.5
742694	<1	5.5	<1	<0.1	557	21.5
742695	3	5.8	3	<0.1	233	14.6
742696	7	2.0	<1	<0.1	304	9.6
742697	7	6.3	2	<0.1	267	33.8
742698	6	5.2	4	<0.1	239	21.2
742699	5	5.5	8	<0.1	356	23.6
742700	2	4.5	2	<0.1	285	20.7
742701	2	4.1	<1	<0.1	241	15.1
742702	6	3.7	3	<0.1	448	17.3
742703	3	2.5	1	<0.1	216	17.7
742704	4	7.2	5	<0.1	631	36.1
742705	3	2.3	2	<0.1	409	9.8
742706	2	4.2	1	<0.1	247	18.1
742707	1	10.2	5	<0.1	299	38.0
742708	3	4.6	2	<0.1	181	24.9
742709	2	5.0	1	<0.1	209	22.3
742710	2	6.1	3	<0.1	178	24.7
742711	1	12.3	3	<0.1	252	39.3
742712	3	2.1	<1	<0.1	767	12.6
742713	3	6.1	3	<0.1	201	28.0

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742714	4	15.0	4	<0.1	273	54.0
742715	<1	10.0	2	<0.1	213	37.8
742716	3	17.3	<1	<0.1	235	67.6
742717	<1	7.0	<1	<0.1	188	28.8
742718	4	15.3	2	<0.1	252	59.2
742719	2	15.0	<1	<0.1	232	52.9
742720	1	8.0	<1	<0.1	254	32.6
742721	2	5.3	3	<0.1	256	22.7
742722	2	9.0	6	<0.1	308	33.2
742723	5	4.6	4	<0.1	327	24.6
742724	5	3.8	2	<0.1	264	15.9
742725	2	6.1	1	<0.1	162	18.4
742726	7	7.5	4	<0.1	394	29.8
742727	<1	9.1	1	<0.1	263	37.4
742728	2	5.8	<1	<0.1	243	25.0
742729	2	4.9	<1	<0.1	233	20.9
742730	1	9.7	1	<0.1	294	39.8
742731	3	7.2	3	<0.1	266	29.1
742732	3	7.8	2	<0.1	263	30.1
742733	4	4.6	2	<0.1	276	24.1
742734	3	8.4	5	<0.1	300	36.6
742735	3	8.3	2	<0.1	278	33.9
742736	<1	7.0	3	<0.1	228	29.6
742737	1	7.6	1	<0.1	208	35.3
742738	2	8.6	1	<0.1	229	34.6
742739	3	6.4	2	<0.1	302	23.9
742740	3	7.2	5	<0.1	214	27.0
742741	1	5.6	<1	<0.1	324	24.9
742742	5	7.6	4	<0.1	542	29.3

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742743	4	6.1	4	<0.1	188	30.0
742744	3	6.9	4	<0.1	211	31.6
742745	<1	5.9	2	<0.1	191	28.3
742746	2	8.6	4	<0.1	220	35.4
742747	3	5.5	3	<0.1	322	27.4
*Rep 742706	1	4.8	1	<0.1	243	17.4
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std MMISRM24	5	10.7	4	<0.1	12	54.1
*Rep 742733	6	4.5	3	<0.1	277	22.5
*Rep 742746	3	9.4	4	<0.1	216	36.4
*Rep 742650	6	6.6	3	<0.1	316	25.0
*Blk BLANK	<1	0.4	<1	<0.1	<1	1.1
*Rep 742674	8	3.7	4	<0.1	343	14.1
*Std MMISRM19	4	152	5	<0.1	198	194
*Rep 742687	5	6.8	2	<0.1	244	32.9

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742650	<10	144	156000	4	1.5	29
742651	10	173	111000	3	1.1	39
742652	<10	149	97800	2	1.0	23
742653	<10	110	128000	4	<0.5	11
742654	<10	221	114000	5	0.9	26
742655	<10	273	360000	8	<0.5	32
742656	<10	238	230000	7	<0.5	28
742657	<10	303	369000	7	<0.5	29

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742658	10	232	398000	9	<0.5	22
742659	<10	122	55300	<1	<0.5	14
742660	<10	149	221000	5	<0.5	20
742661	<10	197	174000	7	<0.5	47
742662	<10	241	119000	3	<0.5	49
742663	<10	234	28600	2	<0.5	94
742664	<10	269	377000	9	<0.5	15
742665	<10	181	212000	3	<0.5	34
742666	<10	229	297000	7	<0.5	23
742667	<10	167	90200	2	<0.5	71
742668	<10	281	111000	3	<0.5	54
742669	<10	199	98600	4	<0.5	60
742670	<10	161	226000	3	<0.5	20
742671	<10	210	288000	7	<0.5	20
742672	<10	245	446000	12	<0.5	29
742673	<10	211	233000	4	<0.5	26
742674	<10	165	282000	10	<0.5	19
742675	<10	219	55700	2	<0.5	77
742676	<10	150	214000	3	<0.5	17
742677	<10	172	250000	4	<0.5	27
742678	<10	193	340000	9	<0.5	37
742679	<10	178	38500	1	<0.5	46
742680	<10	270	314000	7	<0.5	25
742681	<10	143	224000	4	<0.5	26
742682	<10	183	438000	9	<0.5	36
742683	10	230	344000	9	<0.5	19
742684	<10	349	172000	8	<0.5	26
742685	<10	267	83100	3	<0.5	33
742686	<10	25	12400	<1	<0.5	8

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 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742687	<10	334	132000	4	<0.5	43
742688	<10	282	74300	2	<0.5	45
742689	<10	214	132000	4	<0.5	35
742690	<10	295	183000	3	<0.5	46
742691	<10	93	101000	1	<0.5	24
742692	<10	190	330000	7	<0.5	20
742693	<10	400	156000	4	<0.5	18
742694	<10	301	92200	3	<0.5	24
742695	<10	112	107000	2	<0.5	22
742696	<10	203	345000	9	<0.5	11
742697	<10	215	220000	7	<0.5	36
742698	<10	163	154000	4	<0.5	24
742699	10	188	221000	3	2.0	22
742700	<10	183	110000	2	1.4	26
742701	<10	139	85200	1	1.5	15
742702	<10	187	263000	5	2.9	18
742703	<10	204	210000	3	0.8	16
742704	30	227	265000	4	1.6	34
742705	<10	145	190000	3	1.8	11
742706	<10	174	98300	<1	<0.5	21
742707	<10	133	77100	1	<0.5	46
742708	<10	165	125000	3	<0.5	26
742709	<10	155	133000	3	0.6	21
742710	<10	152	119000	1	<0.5	25
742711	<10	118	48100	1	<0.5	50
742712	<10	298	173000	4	<0.5	10
742713	<10	163	122000	2	<0.5	27
742714	<10	236	163000	2	<0.5	62
742715	<10	177	86700	1	<0.5	48

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Order Number CRITICAL RESOURCES
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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742716	<10	186	75800	1	<0.5	85
742717	<10	197	53900	2	<0.5	35
742718	<10	253	98600	1	<0.5	70
742719	<10	327	62400	2	<0.5	66
742720	<10	261	88100	2	<0.5	42
742721	<10	243	128000	2	<0.5	24
742722	<10	184	111000	5	<0.5	39
742723	<10	207	267000	4	<0.5	21
742724	<10	196	186000	5	0.6	13
742725	<10	126	113000	3	0.8	20
742726	<10	166	217000	3	<0.5	34
742727	<10	213	79400	<1	<0.5	47
742728	<10	201	102000	2	<0.5	27
742729	<10	277	104000	2	<0.5	27
742730	<10	255	78000	2	<0.5	49
742731	<10	156	140000	3	<0.5	31
742732	<10	112	140000	5	<0.5	34
742733	<10	168	213000	4	<0.5	22
742734	<10	177	196000	3	<0.5	36
742735	<10	120	156000	3	<0.5	37
742736	<10	226	54000	1	<0.5	38
742737	<10	235	58700	2	<0.5	39
742738	<10	225	40600	<1	<0.5	46
742739	<10	133	154000	2	<0.5	25
742740	<10	141	128000	4	<0.5	31
742741	<10	360	120000	2	<0.5	22
742742	20	211	235000	6	<0.5	27
742743	<10	175	162000	2	<0.5	28
742744	<10	189	157000	4	<0.5	29

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 Samples (99-196)
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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742745	<10	151	113000	<1	<0.5	31
742746	<10	179	154000	3	<0.5	38
742747	<10	206	156000	3	<0.5	25
*Rep 742706	<10	161	88100	<1	<0.5	20
*Blk BLANK	<10	<1	<10	<1	0.8	<1
*Std MMISRM24	<10	19	550	36	<0.5	52
*Rep 742733	<10	174	221000	3	<0.5	22
*Rep 742746	<10	173	147000	2	<0.5	39
*Rep 742650	<10	147	158000	3	1.4	30
*Blk BLANK	<10	<1	<10	<1	1.1	1
*Rep 742674	<10	153	263000	5	0.7	16
*Std MMISRM19	<10	293	15800	22	<0.5	545
*Rep 742687	<10	309	119000	3	<0.5	41

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742650	300	70.9	120	<1	7.6	<0.2
742651	270	123	190	<1	9.9	<0.2
742652	320	50.8	370	<1	5.9	<0.2
742653	170	35.7	60	<1	3.4	<0.2
742654	340	45.4	370	1	5.7	<0.2
742655	530	85.8	610	1	7.8	<0.2
742656	650	75.4	590	<1	6.8	<0.2
742657	530	61.7	460	<1	6.6	<0.2
742658	430	55.7	270	1	5.7	<0.2
742659	140	48.1	210	<1	3.2	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742660	380	59.3	260	<1	5.0	<0.2
742661	680	143	770	<1	11.5	0.3
742662	370	88.4	330	<1	10.3	<0.2
742663	530	87.1	420	<1	22.2	<0.2
742664	440	47.8	180	<1	3.4	<0.2
742665	280	129	170	<1	7.9	<0.2
742666	480	54.5	330	1	5.6	<0.2
742667	290	72.4	320	<1	15.6	<0.2
742668	630	55.5	680	<1	11.8	<0.2
742669	440	71.8	800	<1	13.5	<0.2
742670	470	60.5	230	<1	4.7	<0.2
742671	420	51.2	310	<1	5.1	<0.2
742672	690	80.3	280	<1	6.8	<0.2
742673	430	89.6	180	<1	6.5	<0.2
742674	340	71.1	180	<1	4.5	<0.2
742675	600	104	450	<1	18.0	<0.2
742676	270	54.0	80	<1	3.9	<0.2
742677	270	76.0	370	<1	7.1	<0.2
742678	430	65.8	660	<1	9.6	0.2
742679	440	47.1	940	<1	10.3	<0.2
742680	550	103	140	<1	6.6	<0.2
742681	330	40.5	270	2	6.4	<0.2
742682	370	82.3	460	2	8.7	<0.2
742683	330	48.9	130	<1	4.4	<0.2
742684	350	111	430	<1	5.4	0.2
742685	380	96.4	260	<1	7.8	<0.2
742686	<10	8.0	<40	<1	1.4	<0.2
742687	530	115	390	<1	10.8	<0.2
742688	540	78.7	380	<1	10.5	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742689	310	84.2	290	<1	8.5	<0.2
742690	480	144	430	<1	11.0	<0.2
742691	130	54.1	90	<1	5.1	<0.2
742692	320	57.0	170	<1	5.4	<0.2
742693	310	46.7	310	<1	3.8	<0.2
742694	290	53.7	300	<1	5.9	<0.2
742695	190	59.3	140	<1	5.8	<0.2
742696	380	57.0	50	<1	2.2	0.2
742697	680	67.9	610	<1	8.5	<0.2
742698	410	59.8	410	<1	5.8	<0.2
742699	290	51.5	340	<1	5.8	<0.2
742700	230	94.5	200	<1	7.2	<0.2
742701	210	44.9	250	<1	4.4	<0.2
742702	270	63.4	160	<1	4.8	<0.2
742703	620	40.4	180	<1	3.5	<0.2
742704	450	68.8	510	<1	8.9	<0.2
742705	410	47.0	90	<1	2.3	<0.2
742706	180	61.8	230	<1	5.0	<0.2
742707	310	76.5	300	<1	10.6	<0.2
742708	500	50.7	350	<1	6.6	<0.2
742709	280	40.3	160	<1	5.5	<0.2
742710	270	37.1	330	<1	6.1	<0.2
742711	290	64.0	200	<1	12.6	<0.2
742712	260	36.3	90	<1	2.9	<0.2
742713	240	41.2	380	<1	7.7	<0.2
742714	320	68.9	650	<1	15.1	<0.2
742715	360	61.3	260	<1	12.8	<0.2
742716	450	72.5	430	<1	20.4	<0.2
742717	340	54.5	170	<1	8.5	<0.2

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742718	530	75.7	410	<1	18.0	<0.2
742719	680	70.9	380	1	16.2	<0.2
742720	590	85.4	370	<1	10.5	<0.2
742721	480	70.2	170	<1	6.0	<0.2
742722	400	79.0	310	<1	10.4	<0.2
742723	440	56.7	180	<1	5.8	<0.2
742724	380	45.0	250	<1	3.4	<0.2
742725	420	38.8	220	<1	4.5	<0.2
742726	360	112	160	<1	8.4	<0.2
742727	390	80.0	270	<1	11.9	<0.2
742728	510	64.5	190	1	7.5	<0.2
742729	350	77.7	160	<1	6.5	<0.2
742730	590	99.5	440	2	12.3	<0.2
742731	310	87.9	200	<1	7.6	<0.2
742732	310	80.8	160	<1	8.4	<0.2
742733	460	72.4	190	<1	5.7	<0.2
742734	440	73.9	660	2	9.8	<0.2
742735	300	87.0	160	<1	9.0	<0.2
742736	410	85.0	520	<1	8.8	<0.2
742737	510	87.0	330	<1	9.7	<0.2
742738	610	75.2	430	<1	11.0	<0.2
742739	330	75.4	170	1	5.8	<0.2
742740	290	62.5	190	<1	7.6	<0.2
742741	370	48.0	370	<1	5.4	<0.2
742742	500	100	380	<1	6.8	<0.2
742743	790	48.6	570	1	6.9	<0.2
742744	700	50.5	740	<1	7.6	<0.2
742745	300	33.8	360	<1	7.6	<0.2
742746	450	52.2	700	<1	9.5	<0.2

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Order Number
Submission Number
Samples (99-196)
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CRITICAL RESOURCES
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ANALYSIS REPORT BBM22-19255

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742747	480	57.4	420	<1	5.8	<0.2
*Rep 742706	170	61.1	210	<1	5.0	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Std MMISRM24	240	1.1	500	8	14.1	3.7
*Rep 742733	470	72.7	190	<1	5.2	<0.2
*Rep 742746	420	52.2	680	<1	9.7	<0.2
*Rep 742650	290	71.4	120	<1	7.5	<0.2
*Blk BLANK	<10	<0.5	<40	<1	0.8	<0.2
*Rep 742674	300	70.8	170	<1	4.1	<0.2
*Std MMISRM19	2860	2.9	2900	<1	105	<0.2
*Rep 742687	450	95.2	360	1	9.3	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742650	1420	<1	17	7	<10	6550
742651	4180	2	24	8	<10	2760
742652	1540	<1	15	5	<10	3090
742653	806	<1	12	3	<10	4400
742654	1490	<1	12	5	<10	13900
742655	2130	<1	19	6	<10	8270
742656	2420	<1	15	6	<10	9160
742657	3290	<1	22	4	<10	7630
742658	2670	<1	20	5	<10	7330
742659	1300	<1	6	3	<10	1840
742660	2600	<1	20	5	<10	7920
742661	2600	<1	21	10	<10	8280

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742662	1520	<1	22	10	<10	5740
742663	1330	<1	24	20	<10	4940
742664	1410	<1	13	3	<10	8360
742665	2560	<1	13	7	<10	6880
742666	2350	<1	13	4	<10	7810
742667	811	<1	20	14	<10	5170
742668	1120	<1	16	12	<10	13100
742669	1020	<1	19	14	<10	5950
742670	1380	<1	9	5	<10	11600
742671	3540	<1	20	5	<10	10300
742672	2920	<1	16	6	<10	12400
742673	3040	<1	17	5	<10	9000
742674	2740	<1	18	4	<10	6230
742675	1170	<1	16	16	<10	3740
742676	994	<1	8	4	<10	8540
742677	2060	<1	11	5	<10	6980
742678	1560	<1	11	7	<10	7180
742679	1360	<1	6	8	<10	3890
742680	2860	1	12	6	<10	5220
742681	1450	<1	11	6	<10	5680
742682	1610	<1	18	7	<10	5090
742683	1990	<1	12	4	<10	11600
742684	3590	<1	<5	4	<10	17400
742685	1300	<1	8	7	<10	2750
742686	75	<1	13	1	<10	300
742687	840	<1	12	9	<10	2650
742688	897	<1	11	8	<10	2530
742689	1090	<1	12	6	<10	3700
742690	3820	<1	10	10	<10	2750

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Order Number CRITICAL RESOURCES
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 Samples (99-196)
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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742691	1040	<1	12	5	<10	4290
742692	1490	<1	8	4	<10	7220
742693	3860	<1	6	3	<10	11800
742694	3930	<1	17	5	<10	7350
742695	1230	<1	12	5	<10	5120
742696	2260	<1	6	1	<10	4430
742697	1310	<1	10	6	<10	8770
742698	1190	<1	11	5	<10	6340
742699	2360	2	10	5	<10	8920
742700	1340	2	<5	5	<10	1310
742701	1850	2	<5	3	<10	2900
742702	3330	<1	6	4	<10	6910
742703	1320	1	<5	3	<10	11800
742704	4470	4	10	6	<10	7740
742705	2980	1	<5	2	<10	3740
742706	1300	1	<5	4	<10	1750
742707	1250	2	<5	9	<10	3790
742708	723	1	5	5	<10	12400
742709	834	<1	7	4	<10	8960
742710	818	<1	8	5	<10	7710
742711	978	1	14	9	<10	3910
742712	3050	2	26	2	<10	7490
742713	728	1	24	5	<10	5260
742714	882	2	33	12	<10	8390
742715	852	<1	33	9	<10	1670
742716	1020	1	45	14	<10	1560
742717	779	<1	33	6	<10	1830
742718	1050	1	44	14	<10	2260
742719	904	<1	37	13	<10	2050

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Order Number CRITICAL RESOURCES
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 Samples (99-196)
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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742720	943	1	36	9	<10	1730
742721	1400	<1	33	4	<10	7260
742722	1560	<1	35	8	<10	7010
742723	1970	1	29	3	<10	5930
742724	1300	2	10	2	<10	9310
742725	969	2	<5	4	<10	9110
742726	3480	2	8	7	<10	4520
742727	1310	<1	13	10	10	2490
742728	1610	<1	12	5	<10	1770
742729	1280	<1	13	5	<10	1770
742730	1630	<1	22	8	<10	3830
742731	1290	<1	25	5	<10	11100
742732	1150	1	22	7	<10	3660
742733	1750	<1	24	4	<10	7160
742734	1590	2	33	7	<10	11200
742735	959	1	43	8	<10	10700
742736	1290	<1	46	6	<10	1540
742737	1050	<1	50	8	<10	3020
742738	1000	<1	62	9	<10	2860
742739	1860	<1	60	5	<10	6030
742740	1100	1	60	8	<10	6040
742741	1430	2	60	3	<10	16500
742742	2700	2	73	4	<10	8290
742743	814	1	58	5	<10	10400
742744	787	2	64	5	<10	8670
742745	892	1	72	5	<10	7190
742746	893	1	69	6	<10	6670
742747	2010	1	68	3	<10	8060
*Rep 742706	1310	1	<5	3	<10	1680

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Order Number CRITICAL RESOURCES
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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Std MMISRM24	166	<1	8	10	<10	3120
*Rep 742733	1730	<1	28	4	<10	7290
*Rep 742746	876	1	68	9	<10	6540
*Rep 742650	1420	<1	17	5	<10	6570
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Rep 742674	2570	<1	18	3	<10	5520
*Std MMISRM19	686	2	102	138	<10	7950
*Rep 742687	728	<1	8	8	<10	2450

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742650	<2	1.1	<10	5.8	300	2.6
742651	<2	1.3	<10	4.8	500	2.3
742652	<2	0.7	<10	2.2	200	6.0
742653	3	0.4	10	0.7	100	0.9
742654	<2	0.8	<10	<0.5	200	2.8
742655	<2	1.0	<10	2.2	300	3.3
742656	<2	0.6	<10	1.1	300	4.4
742657	<2	0.8	<10	3.5	300	2.7
742658	<2	0.5	<10	2.0	200	0.9
742659	<2	0.4	<10	<0.5	200	1.9
742660	<2	0.5	<10	<0.5	200	2.1
742661	<2	1.2	<10	3.4	500	8.1
742662	<2	1.4	<10	4.6	400	2.7
742663	<2	2.3	<10	15.1	300	3.3

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742664	<2	0.2	<10	<0.5	200	1.8
742665	<2	1.0	<10	1.9	400	5.7
742666	<2	0.6	<10	1.2	200	5.9
742667	<2	1.9	<10	7.5	300	1.0
742668	<2	1.3	<10	4.4	200	6.3
742669	<2	1.6	<10	7.3	300	2.1
742670	<2	0.4	<10	<0.5	200	4.5
742671	<2	0.4	<10	0.9	200	3.6
742672	<2	0.9	<10	1.2	300	3.1
742673	<2	0.7	<10	0.9	300	2.1
742674	<2	0.6	<10	0.8	300	2.5
742675	<2	2.1	<10	7.7	400	1.2
742676	<2	0.4	<10	<0.5	200	1.9
742677	<2	0.7	<10	0.7	300	2.1
742678	<2	1.0	<10	3.6	300	1.2
742679	<2	1.2	<10	2.3	200	3.7
742680	<2	0.6	<10	1.5	400	7.5
742681	<2	0.7	<10	1.7	200	1.9
742682	<2	0.9	<10	2.1	300	2.7
742683	<2	0.5	<10	0.7	200	4.2
742684	<2	0.8	<10	<0.5	400	3.1
742685	<2	0.7	<10	0.9	400	1.9
742686	12	1.1	<10	<0.5	<100	<0.1
742687	<2	1.3	<10	2.2	400	0.8
742688	<2	1.2	<10	2.9	300	1.0
742689	<2	0.6	<10	2.4	300	3.3
742690	<2	1.0	<10	1.1	500	1.6
742691	<2	0.6	<10	0.8	200	1.0
742692	<2	0.4	<10	<0.5	200	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742693	<2	0.3	<10	<0.5	100	1.3
742694	<2	0.7	<10	0.9	200	3.5
742695	<2	0.6	<10	<0.5	200	0.7
742696	<2	0.2	<10	<0.5	200	5.6
742697	<2	1.0	<10	1.1	300	2.0
742698	<2	0.5	<10	0.5	200	2.0
742699	<2	0.7	<10	5.2	200	1.3
742700	<2	0.6	<10	4.1	300	1.5
742701	<2	0.4	<10	2.9	200	3.9
742702	<2	0.5	<10	2.6	200	4.2
742703	<2	0.4	<10	1.7	100	3.8
742704	<2	0.9	<10	5.5	300	6.7
742705	<2	0.1	<10	1.0	200	3.7
742706	<2	0.6	<10	2.8	200	1.5
742707	<2	1.3	<10	7.6	300	4.0
742708	<2	0.7	<10	2.8	200	2.2
742709	<2	0.5	<10	2.0	100	3.2
742710	<2	0.9	<10	2.5	100	5.0
742711	<2	1.4	<10	4.8	200	3.7
742712	<2	0.2	<10	1.5	100	5.0
742713	<2	0.8	<10	3.9	200	2.3
742714	<2	1.9	<10	10.4	300	2.0
742715	<2	1.7	<10	9.5	200	2.0
742716	<2	2.3	<10	14.4	300	2.4
742717	<2	0.9	<10	5.5	200	2.2
742718	<2	2.4	<10	13.2	200	2.5
742719	<2	2.0	<10	14.8	200	2.3
742720	<2	1.3	<10	4.0	300	1.2
742721	<2	0.8	<10	1.4	200	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742722	<2	1.2	<10	6.4	300	3.9
742723	<2	0.7	<10	1.7	200	3.1
742724	<2	0.4	<10	2.0	200	1.7
742725	<2	0.7	<10	1.5	100	3.0
742726	<2	1.0	<10	3.9	400	3.4
742727	<2	1.3	<10	7.2	300	1.2
742728	<2	0.8	<10	2.5	200	3.3
742729	<2	0.6	<10	2.3	200	2.3
742730	<2	1.4	<10	5.7	300	3.0
742731	<2	1.0	<10	4.6	300	1.5
742732	<2	1.0	<10	4.3	300	1.0
742733	<2	0.6	<10	1.7	300	1.1
742734	<2	0.8	<10	1.8	300	2.6
742735	<2	1.0	<10	3.6	300	1.4
742736	<2	0.9	<10	2.9	300	1.6
742737	<2	1.3	<10	3.6	300	1.0
742738	<2	1.0	<10	3.6	300	1.6
742739	<2	0.7	<10	2.8	300	4.0
742740	<2	1.0	<10	4.6	200	3.5
742741	<2	0.7	<10	0.5	200	7.1
742742	<2	0.8	<10	3.1	400	3.0
742743	<2	0.6	<10	1.7	200	3.4
742744	<2	0.8	<10	2.9	200	5.4
742745	<2	0.9	<10	2.6	100	2.8
742746	<2	1.0	<10	4.6	200	1.2
742747	<2	0.6	<10	2.0	200	1.5
*Rep 742706	<2	0.4	<10	2.6	200	1.8
*Blk BLANK	4	<0.1	<10	<0.5	<100	<0.1
*Std MMISRM24	<2	1.4	<10	33.0	<100	0.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 742733	<2	0.4	<10	1.6	200	1.3
*Rep 742746	<2	1.2	<10	4.3	200	1.3
*Rep 742650	<2	1.1	<10	4.7	300	2.4
*Blk BLANK	<2	<0.1	<10	0.7	<100	<0.1
*Rep 742674	<2	0.3	<10	3.2	300	2.6
*Std MMISRM19	<2	19.0	<10	127	<100	3.4
*Rep 742687	<2	1.1	<10	3.3	300	0.7

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742650	1.3	<1	23	1.7	21000	8
742651	2.1	<1	31	2.1	11700	12
742652	1.0	<1	18	1.4	31500	5
742653	<0.5	<1	7	0.7	17900	3
742654	<0.5	<1	20	1.1	71300	3
742655	1.0	<1	25	1.3	41000	5
742656	1.1	<1	22	1.7	32200	6
742657	1.6	<1	22	1.4	45900	8
742658	0.7	<1	19	1.3	23600	10
742659	1.3	<1	11	0.6	10400	2
742660	0.6	<1	15	1.1	26400	6
742661	2.0	<1	37	3.5	53200	7
742662	1.8	<1	36	2.8	30400	5
742663	5.5	<1	72	5.3	20600	8
742664	<0.5	<1	11	0.5	46500	4
742665	0.8	<1	28	1.6	17500	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742666	0.8	<1	17	1.3	36700	5
742667	2.9	<1	55	3.9	22200	9
742668	2.6	<1	44	2.7	51000	8
742669	2.1	<1	48	3.2	57900	6
742670	<0.5	<1	14	0.5	46200	3
742671	0.6	<1	17	1.1	45900	7
742672	0.7	<1	23	1.5	46400	6
742673	<0.5	<1	20	1.7	36000	6
742674	0.6	<1	15	1.2	28500	5
742675	4.2	<1	61	5.1	40600	10
742676	<0.5	<1	14	0.9	30400	3
742677	0.9	<1	21	1.6	45600	5
742678	1.5	<1	31	2.0	32300	5
742679	2.5	<1	33	2.4	12400	4
742680	1.0	<1	22	1.9	40300	5
742681	0.9	<1	20	1.5	37700	5
742682	1.2	<1	27	1.8	62100	7
742683	0.5	<1	14	0.9	40200	10
742684	<0.5	<1	19	1.4	85600	3
742685	2.2	<1	25	2.0	34600	4
742686	0.5	<1	6	0.4	3000	<2
742687	2.9	<1	37	3.6	45900	3
742688	2.8	<1	35	2.5	28300	5
742689	2.4	<1	30	2.3	37400	9
742690	2.5	<1	36	3.3	27400	4
742691	0.9	<1	20	1.3	10300	6
742692	<0.5	<1	14	0.4	37900	4
742693	<0.5	<1	12	0.4	85900	2
742694	0.6	<1	20	1.3	55400	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742695	0.6	<1	18	1.1	20400	4
742696	<0.5	<1	8	0.8	37900	<2
742697	1.0	<1	27	1.6	49700	4
742698	1.3	<1	17	0.9	40300	5
742699	0.6	<1	20	1.5	29200	7
742700	1.7	<1	21	1.3	22700	3
742701	1.7	<1	16	0.9	25000	4
742702	0.7	<1	15	1.2	40300	6
742703	<0.5	<1	12	0.7	25700	3
742704	1.6	<1	29	2.1	31000	14
742705	<0.5	<1	8	0.7	22500	4
742706	1.5	<1	17	1.2	15300	4
742707	2.6	<1	39	3.1	17900	6
742708	0.7	<1	22	1.4	38500	3
742709	0.6	<1	19	1.9	21500	3
742710	0.7	<1	22	1.5	34200	3
742711	1.5	<1	42	2.9	15100	5
742712	<0.5	<1	9	0.6	69400	3
742713	1.4	<1	22	1.8	51700	5
742714	2.7	<1	50	4.1	43100	9
742715	3.0	<1	43	3.0	31200	4
742716	4.8	<1	75	4.9	35600	6
742717	2.3	<1	28	2.2	27300	3
742718	4.6	<1	62	4.3	36000	6
742719	4.0	<1	58	4.1	34200	3
742720	2.8	<1	35	3.1	29600	4
742721	0.6	<1	20	1.5	32700	3
742722	2.5	<1	31	2.8	22400	4
742723	0.6	<1	18	1.3	48400	3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742724	<0.5	<1	12	0.9	27200	3
742725	<0.5	<1	17	1.2	24300	<2
742726	2.0	<1	28	2.6	27400	7
742727	2.9	<1	39	3.1	37400	3
742728	1.8	<1	25	1.9	28600	3
742729	1.4	<1	21	1.6	33500	<2
742730	2.8	<1	42	3.2	34600	3
742731	2.0	4	26	1.9	33400	4
742732	2.2	<1	28	1.8	23000	5
742733	0.9	<1	18	1.2	29200	2
742734	0.9	<1	30	2.7	28500	4
742735	1.2	<1	28	2.2	20300	3
742736	1.8	<1	26	2.1	17800	3
742737	2.3	<1	32	2.4	22500	2
742738	2.7	<1	35	2.5	20500	17
742739	0.9	<1	21	1.8	24100	3
742740	1.6	<1	29	2.2	21300	3
742741	<0.5	<1	20	1.8	73300	<2
742742	1.4	<1	21	1.5	43200	10
742743	1.0	<1	21	1.8	38000	<2
742744	1.5	<1	23	1.8	36000	4
742745	0.8	<1	25	2.0	32900	3
742746	1.6	<1	33	1.8	48200	3
742747	0.9	<1	21	1.4	38900	5
*Rep 742706	1.6	<1	16	1.3	13900	4
*Bik BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std MMISRM24	14.9	1	44	2.1	200	51
*Rep 742733	1.0	<1	18	1.0	30800	3
*Rep 742746	1.1	<1	32	2.2	45600	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (99-196)
 Number of Samples 98

ANALYSIS REPORT BBM22-19255

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 742650	1.3	<1	22	2.0	20600	8
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 742674	0.5	<1	14	1.0	26400	5
*Std MMISRM19	122	3	506	36.2	5200	122
*Rep 742687	2.8	<1	35	2.9	41800	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19256

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (197-294)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 14-Dec-2022
Number of Samples	98	Date Completed	14-Dec-2022
		SGS Order Number	BBM22-19256

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742748	0.10	6	13.8	<30	<0.4	34000
742749	0.11	<1	114	<30	<0.4	1150
742750	0.10	3	12.3	<30	<0.4	51200
742751	0.12	1	146	<30	<0.4	770
742752	0.08	<1	134	<30	<0.4	950
742753	0.11	1	139	<30	<0.4	3700
742754	0.08	6	16.2	<30	<0.4	29000
742755	0.11	2	107	<30	<0.4	2200
742756	0.12	3	26.7	<30	<0.4	27000
742757	0.11	2	26.6	<30	<0.4	25800
742758	0.14	4	50.6	<30	<0.4	36300
742759	0.11	5	9.5	<30	<0.4	29200
742760	0.11	<1	113	<30	<0.4	1860
742761	0.07	<1	111	<30	<0.4	1360
742762	0.11	5	9.2	<30	<0.4	58700
742763	0.09	5	11.4	<30	<0.4	58800
742764	0.08	11	23.9	<30	<0.4	30100
742765	0.10	<1	92.6	<30	<0.4	820
742766	0.09	3	29.8	<30	<0.4	24500
742767	0.08	8	17.9	<30	<0.4	24600
742768	0.11	4	15.4	<30	<0.4	32700
742769	0.09	11	9.3	<30	<0.4	16000
742770	0.12	4	49.6	<30	<0.4	30500
742771	0.08	3	11.2	<30	<0.4	19600
742772	0.11	5	14.7	<30	<0.4	22500
742773	0.10	3	9.1	<30	<0.4	31600
742774	0.10	6	17.1	<30	<0.4	27100
742775	0.12	3	9.1	<30	<0.4	49200
742776	0.10	6	18.0	<30	<0.4	39400

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742777	0.09	7	8.7	<30	<0.4	32200
742778	0.08	2	118	<30	<0.4	1480
742779	0.13	<1	67.6	<30	<0.4	490
742780	0.07	8	8.1	<30	<0.4	19300
742781	0.11	10	13.4	<30	<0.4	35300
742782	0.09	6	9.8	<30	<0.4	16500
742783	0.12	<1	72.9	<30	<0.4	750
742784	0.09	5	6.3	<30	<0.4	11100
742785	0.09	9	8.3	<30	<0.4	22400
742786	0.09	8	5.1	<30	<0.4	27600
742787	0.08	7	13.9	<30	<0.4	39800
742788	0.10	3	13.1	<30	<0.4	24000
742789	0.07	3	11.9	<30	<0.4	20800
742790	0.09	3	9.3	<30	<0.4	22700
742791	0.09	5	28.9	<30	<0.4	34300
742792	0.09	4	9.9	<30	<0.4	25200
742793	0.08	4	22.8	<30	<0.4	23100
742794	0.07	5	9.1	<30	<0.4	25400
742795	0.10	2	76.7	<30	<0.4	1270
742796	0.08	4	4.1	<30	<0.4	18700
742797	0.07	4	10.3	<30	0.9	15600
742798	0.08	5	12.8	<30	<0.4	20500
742799	0.06	6	10.2	<30	1.3	28900
742800	0.07	8	4.4	<30	0.7	19200
742801	0.10	5	9.3	<30	<0.4	20300
742802	0.09	5	7.3	<30	0.5	20500
742803	0.10	2	99.4	<30	0.4	760
742804	0.10	1	113	<30	0.9	620
742805	0.11	6	15.3	<30	0.6	21900

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Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742806	0.11	1	87.7	<30	0.4	570
742807	0.11	4	53.2	<30	<0.4	15000
742808	0.13	2	119	<30	<0.4	990
742809	0.11	1	91.7	<30	<0.4	540
742810	0.14	10	12.3	<30	<0.4	31800
742811	0.10	6	12.3	<30	0.6	27600
742812	0.09	6	9.0	<30	<0.4	18000
742813	0.10	4	9.8	<30	0.5	33400
742814	0.09	4	12.2	30	0.6	23200
742815	0.12	3	10.3	40	0.8	23400
742816	0.09	2	109	<30	<0.4	1230
742817	0.12	5	17.9	<30	<0.4	33100
742818	0.11	5	4.1	<30	0.9	38100
742819	0.08	6	6.9	30	0.6	37800
742820	0.12	11	19.7	<30	0.5	21800
742821	0.13	3	37.3	<30	0.5	21700
742822	0.12	11	3.3	<30	<0.4	28500
742823	0.09	6	6.5	60	0.6	47100
742824	0.09	1	24.7	<30	0.7	41200
742825	0.09	1	106	<30	<0.4	780
742826	0.07	4	9.3	<30	0.7	44800
742827	0.10	3	13.1	40	<0.4	23900
742828	0.12	4	7.9	<30	0.7	16400
742829	0.09	6	29.4	<30	<0.4	22400
742830	0.11	4	6.0	<30	0.7	36100
742831	0.09	3	21.7	30	0.4	33100
742832	0.08	3	50.0	30	<0.4	40200
742833	0.11	<1	151	<30	0.6	1270
742834	0.11	<1	131	<30	<0.4	1540

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742835	0.12	1	27.9	<30	<0.4	960
742836	0.10	11	14.2	<30	0.4	45400
742837	0.09	6	29.8	<30	0.4	37900
742838	0.10	6	16.0	<30	<0.4	15100
742839	0.10	3	15.1	<30	0.8	24200
742840	0.10	5	19.9	<30	<0.4	12700
742841	0.10	3	11.5	<30	<0.4	5700
742842	0.10	4	16.3	<30	0.6	25700
742843	0.11	1	3.3	<30	0.7	16800
742844	0.11	6	18.0	40	0.9	14600
742845	0.09	3	20.7	<30	0.5	8160
*Std AMIS0841	-	18	480	50	14.2	690
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 742773	-	3	9.2	<30	<0.4	31000
*Rep 742793	-	3	23.9	<30	<0.4	23500
*Rep 742799	-	5	10.9	<30	0.5	30500
*Blk BLANK	-	<1	<0.1	<30	0.4	<40
*Rep 742831	-	3	20.7	<30	0.6	34300
*Std MMISRM19	-	31	54.7	60	16.0	4760
*Rep 742842	-	3	16.1	<30	0.4	25200

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742748	<0.5	2245	164	49	49	200
742749	0.9	1421	228	78	78	<100
742750	1.6	2640	140	59	59	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742751	1.2	1280	82	77	77	<100
742752	1.4	1126	170	125	125	<100
742753	0.7	1649	232	63	63	<100
742754	<0.5	1660	123	49	49	<100
742755	0.6	1184	292	46	46	<100
742756	0.8	2024	80	52	52	<100
742757	0.8	1927	77	52	52	<100
742758	1.0	2166	61	57	57	100
742759	0.6	1420	88	35	35	<100
742760	0.8	1174	149	57	57	<100
742761	<0.5	1492	209	80	80	<100
742762	<0.5	2018	243	35	35	<100
742763	<0.5	2062	190	52	52	<100
742764	<0.5	1953	116	66	66	100
742765	<0.5	1461	178	74	74	<100
742766	<0.5	2007	36	101	101	<100
742767	<0.5	2355	91	72	72	<100
742768	<0.5	1423	164	40	40	<100
742769	<0.5	1495	90	43	43	<100
742770	<0.5	2382	163	76	76	100
742771	<0.5	1384	90	62	62	100
742772	1.5	1672	37	56	56	<100
742773	0.9	1220	98	40	40	100
742774	0.5	1697	75	66	66	100
742775	<0.5	2064	124	38	38	<100
742776	0.8	2314	144	41	41	100
742777	<0.5	1219	108	40	40	100
742778	0.7	1498	202	149	149	<100
742779	0.6	1321	248	73	73	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742780	<0.5	945	70	76	76	<100
742781	<0.5	2463	112	62	62	100
742782	<0.5	1296	93	61	61	<100
742783	<0.5	1112	156	70	70	<100
742784	<0.5	1479	74	52	52	<100
742785	<0.5	1467	113	46	46	<100
742786	0.8	1599	102	40	40	100
742787	<0.5	2495	232	94	94	<100
742788	<0.5	2276	58	48	48	<100
742789	<0.5	1664	60	73	73	<100
742790	<0.5	1363	54	43	43	<100
742791	<0.5	1608	92	44	44	<100
742792	0.6	1786	117	38	38	100
742793	<0.5	2169	107	91	91	100
742794	<0.5	1611	56	67	67	<100
742795	<0.5	1448	192	96	96	<100
742796	<0.5	992	64	34	34	<100
742797	2.6	1829	80	75	75	<100
742798	2.7	2309	95	82	82	<100
742799	2.5	1400	98	52	52	<100
742800	0.7	1283	73	25	25	<100
742801	2.9	1407	94	26	26	<100
742802	1.2	1275	90	28	28	<100
742803	<0.5	1196	177	67	67	<100
742804	<0.5	1169	159	72	72	<100
742805	1.5	1264	92	46	46	<100
742806	0.8	1160	237	91	91	<100
742807	2.5	1967	56	55	55	<100
742808	0.9	1226	68	81	81	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742809	<0.5	1106	85	84	84	<100
742810	3.9	2500	48	25	25	100
742811	0.9	1629	118	76	76	100
742812	<0.5	1071	93	69	69	100
742813	<0.5	1400	58	48	48	<100
742814	<0.5	1980	55	52	52	<100
742815	1.4	1483	137	30	30	100
742816	<0.5	1265	148	69	69	<100
742817	<0.5	1697	193	44	44	100
742818	<0.5	1813	124	54	54	<100
742819	<0.5	1824	154	47	47	100
742820	<0.5	1496	81	32	32	100
742821	<0.5	1814	116	50	50	<100
742822	<0.5	1568	165	27	27	<100
742823	1.2	1554	164	34	34	<100
742824	3.2	3010	192	42	42	100
742825	0.7	1529	164	114	114	<100
742826	<0.5	1915	141	37	37	<100
742827	<0.5	1645	93	44	44	<100
742828	1.3	1252	29	53	53	200
742829	0.6	1640	88	78	78	100
742830	<0.5	1692	133	22	22	<100
742831	<0.5	1851	206	125	125	<100
742832	<0.5	1977	102	106	106	100
742833	0.6	1097	202	120	120	<100
742834	0.6	1242	91	142	142	<100
742835	<0.5	1515	138	88	88	<100
742836	<0.5	2215	155	56	56	<100
742837	<0.5	1369	134	58	58	<100

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742838	<0.5	1381	131	45	45	100
742839	<0.5	1817	91	79	79	100
742840	<0.5	1757	65	139	139	100
742841	<0.5	1554	20	64	64	<100
742842	<0.5	1362	80	42	42	<100
742843	<0.5	1691	34	25	25	100
742844	<0.5	1894	78	103	103	<100
742845	<0.5	1615	28	54	54	<100
*Std AMIS0841	14.2	153	11	7440	1110	100
*Blk BLANK	1.2	<2	<2	<2	<1	<100
*Rep 742773	0.7	1184	104	42	42	100
*Rep 742793	<0.5	2228	116	99	99	100
*Rep 742799	1.9	1504	99	59	59	<100
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Rep 742831	<0.5	1861	209	119	119	<100
*Std MMISRM19	<0.5	1817	52	393	764	100
*Rep 742842	<0.5	1355	75	38	38	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742748	23.2	1400	4.4	2.2	5.5	31
742749	28.7	1310	6.3	3.6	2.1	26
742750	26.8	1530	4.2	2.4	7.9	46
742751	17.3	1270	5.3	3.2	1.9	24
742752	17.0	2070	8.4	5.0	2.9	24
742753	5.7	1240	4.2	2.0	1.5	29

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742754	29.2	1310	3.7	1.6	5.6	28
742755	46.0	1090	2.7	1.6	1.5	21
742756	46.3	1530	3.7	2.2	5.4	35
742757	43.8	1470	4.4	2.0	5.0	34
742758	33.0	1500	5.0	2.1	6.1	39
742759	23.9	1280	2.4	1.7	4.6	24
742760	16.8	1790	4.1	2.3	1.4	21
742761	49.9	1500	5.9	2.7	1.9	26
742762	66.7	1890	2.4	1.3	8.9	34
742763	33.2	1830	3.7	2.2	9.7	35
742764	51.0	2220	4.5	2.4	4.9	34
742765	28.4	1520	4.8	2.5	1.4	27
742766	154	1240	6.5	3.4	5.5	35
742767	86.8	1450	5.3	3.1	4.8	40
742768	25.0	1390	2.9	1.3	5.6	26
742769	19.1	1970	3.1	1.5	3.2	26
742770	67.7	1310	6.0	3.4	6.1	42
742771	34.7	1340	4.8	1.9	4.0	26
742772	81.5	1140	4.1	2.7	4.4	31
742773	23.1	1660	3.0	1.6	5.6	23
742774	117	1530	5.9	3.1	5.4	33
742775	7.0	2000	2.8	1.4	7.8	35
742776	15.2	1500	2.5	1.3	6.0	40
742777	57.5	2600	3.7	1.7	5.4	22
742778	70.6	1430	11.2	5.1	3.1	28
742779	136	1680	5.3	2.1	1.3	24
742780	17.4	1680	4.3	2.2	3.8	18
742781	62.4	1950	4.6	2.1	6.6	44
742782	37.7	1590	3.6	2.1	3.4	24

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742783	22.0	2320	3.8	2.8	0.8	21
742784	15.3	1050	4.1	2.5	2.6	27
742785	21.9	1330	3.8	2.0	4.2	27
742786	77.8	1800	3.4	1.3	5.1	29
742787	9.7	1370	5.6	3.0	7.6	43
742788	13.1	1150	3.0	2.0	4.0	40
742789	15.5	1110	7.6	4.0	5.1	31
742790	38.0	1430	3.0	1.8	4.2	25
742791	27.0	1340	3.1	1.9	6.1	29
742792	48.1	1060	2.9	1.3	4.9	31
742793	44.4	1180	6.8	3.1	5.0	40
742794	168	1480	5.8	2.7	5.7	30
742795	122	1840	7.0	3.0	2.4	28
742796	48.1	1330	3.1	1.2	3.8	19
742797	5.4	1470	7.1	3.4	6.1	28
742798	4.0	1460	7.4	4.2	6.9	34
742799	35.6	1240	4.2	1.9	8.4	22
742800	32.6	1500	2.3	0.9	4.5	19
742801	42.4	1680	2.4	0.9	4.9	21
742802	16.2	1370	2.3	1.5	5.2	19
742803	47.8	1350	6.8	3.2	1.7	19
742804	9.6	1520	6.4	3.4	1.4	18
742805	27.2	1730	2.7	1.8	5.4	19
742806	6.8	1280	6.1	3.8	2.4	19
742807	26.9	1470	4.9	1.8	4.2	29
742808	7.8	1610	5.1	3.1	1.5	18
742809	26.7	1550	5.2	2.5	1.5	17
742810	25.0	2140	1.7	0.6	8.1	34
742811	8.2	1490	5.8	2.4	7.6	25

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742812	9.5	1300	5.1	3.2	6.1	17
742813	13.4	1260	3.6	2.0	8.2	20
742814	26.2	1120	4.5	2.5	5.2	28
742815	24.9	1290	1.6	1.2	6.0	22
742816	32.2	1310	4.5	2.4	1.5	19
742817	20.8	1690	3.9	1.5	7.8	24
742818	8.7	1520	4.7	1.7	9.5	26
742819	36.7	1560	4.1	2.3	8.2	26
742820	67.0	1140	2.1	0.7	5.5	21
742821	15.1	1420	3.6	2.3	5.9	25
742822	22.2	2130	1.5	0.7	7.5	22
742823	27.0	1160	2.8	1.6	10.7	23
742824	92.2	1310	2.8	1.5	10.6	41
742825	31.3	1210	8.6	4.4	2.3	21
742826	30.0	1360	3.1	1.4	10.5	27
742827	8.9	1340	3.6	1.9	6.8	24
742828	10.9	830	4.7	2.0	5.0	20
742829	27.0	1260	4.9	3.0	6.8	26
742830	20.2	1800	1.0	0.7	7.9	23
742831	14.5	930	8.2	4.3	10.2	27
742832	15.5	1080	6.9	3.0	11.4	30
742833	7.8	800	8.7	4.5	2.4	19
742834	7.1	1180	7.2	3.5	2.1	19
742835	6.2	1470	5.4	2.9	1.7	22
742836	15.5	2680	3.7	1.4	10.0	31
742837	29.2	1270	3.5	1.9	9.0	21
742838	83.1	1390	3.8	1.8	4.1	20
742839	35.4	1370	6.2	2.3	6.7	28
742840	5.3	990	11.5	5.9	5.8	29

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742841	6.4	790	5.4	3.0	2.6	24
742842	13.9	1630	2.5	1.8	7.3	21
742843	3.0	1250	1.9	1.0	3.7	26
742844	6.6	1160	8.6	4.7	5.4	30
742845	3.2	780	4.1	2.0	2.9	25
*Std AMIS0841	323	38700	1780	905	568	41
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.4	<1
*Rep 742773	23.7	1660	3.0	1.7	5.5	22
*Rep 742793	44.7	1270	8.1	3.2	5.6	41
*Rep 742799	39.0	1320	4.4	3.1	8.0	23
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 742831	14.3	920	8.8	4.2	9.2	29
*Std MMISRM19	28.4	3780	109	57.9	34.6	37
*Rep 742842	13.7	1620	3.6	2.1	6.1	20

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742748	7	4.6	3	<0.1	387	23.8
742749	5	7.9	3	<0.1	262	31.3
742750	9	5.9	5	<0.1	358	29.2
742751	3	6.5	4	<0.1	295	33.8
742752	5	14.2	3	<0.1	284	50.3
742753	4	4.7	3	<0.1	194	29.9
742754	7	5.6	5	<0.1	289	22.9
742755	5	4.5	2	<0.1	223	20.8
742756	7	6.0	5	<0.1	213	25.4

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742757	7	5.5	4	<0.1	211	24.6
742758	7	5.0	3	0.2	218	32.0
742759	6	3.8	3	<0.1	250	17.0
742760	4	5.1	<1	<0.1	189	23.7
742761	4	8.0	2	<0.1	248	32.3
742762	10	3.4	4	<0.1	311	16.5
742763	9	4.8	5	<0.1	380	23.6
742764	9	5.6	3	<0.1	363	30.5
742765	3	5.3	2	<0.1	264	30.3
742766	5	8.6	5	<0.1	313	45.0
742767	7	7.7	4	<0.1	426	33.5
742768	7	3.5	2	<0.1	243	19.5
742769	8	4.5	3	<0.1	354	18.2
742770	6	8.3	3	<0.1	298	36.9
742771	7	6.4	5	<0.1	388	28.4
742772	6	6.1	2	<0.1	257	27.5
742773	6	3.9	4	<0.1	495	20.5
742774	8	7.2	7	<0.1	389	29.7
742775	8	3.4	4	<0.1	215	18.6
742776	9	3.5	2	<0.1	403	21.5
742777	6	4.3	3	<0.1	560	18.6
742778	6	14.4	4	<0.1	392	69.8
742779	4	8.1	3	<0.1	241	29.9
742780	5	5.6	4	<0.1	256	32.2
742781	7	5.3	8	<0.1	341	28.5
742782	4	5.1	4	<0.1	512	25.4
742783	4	6.6	1	<0.1	277	28.0
742784	6	5.5	3	<0.1	271	24.7
742785	7	5.0	2	<0.1	324	20.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (197-294)
 Number of Samples 98

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742786	9	4.2	3	<0.1	494	18.0
742787	11	9.4	10	<0.1	371	43.4
742788	5	4.9	2	<0.1	227	22.4
742789	6	9.3	4	<0.1	272	30.1
742790	4	4.3	3	<0.1	283	18.3
742791	7	3.7	4	<0.1	343	22.1
742792	7	3.8	3	<0.1	255	18.6
742793	7	11.0	4	<0.1	291	44.0
742794	5	7.4	6	<0.1	365	27.5
742795	6	9.6	3	<0.1	264	35.8
742796	5	3.0	5	<0.1	745	14.5
742797	7	9.4	8	<0.1	330	37.2
742798	7	8.4	7	<0.1	275	38.8
742799	7	5.5	7	<0.1	459	25.6
742800	4	3.0	4	<0.1	317	11.5
742801	6	2.4	3	<0.1	325	12.3
742802	6	2.7	2	<0.1	272	13.1
742803	4	7.9	2	<0.1	252	27.9
742804	4	7.2	1	<0.1	193	29.5
742805	10	3.6	3	<0.1	466	23.4
742806	4	9.8	2	<0.1	213	38.2
742807	3	4.9	2	<0.1	403	27.9
742808	2	7.6	<1	<0.1	269	32.2
742809	1	7.9	<1	<0.1	203	33.6
742810	4	1.9	<1	<0.1	575	13.7
742811	7	7.9	5	<0.1	376	35.3
742812	5	6.7	3	<0.1	267	31.1
742813	6	4.5	3	<0.1	188	24.9
742814	6	6.8	5	<0.1	260	24.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (197-294)
 Number of Samples 98

ANALYSIS REPORT BBM22-19256

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742815	7	2.4	4	<0.1	406	14.6
742816	3	7.1	3	<0.1	273	25.6
742817	8	4.0	3	<0.1	264	20.7
742818	6	6.5	4	<0.1	232	26.0
742819	7	4.9	2	<0.1	325	23.2
742820	6	2.6	2	<0.1	329	16.3
742821	6	4.4	2	<0.1	235	25.6
742822	5	2.3	<1	<0.1	323	14.6
742823	7	3.0	2	<0.1	236	18.4
742824	6	3.2	2	<0.1	558	22.5
742825	4	11.1	2	0.1	182	48.6
742826	6	4.5	6	<0.1	297	19.2
742827	6	4.7	4	<0.1	407	21.7
742828	6	5.6	3	<0.1	354	25.7
742829	8	7.7	5	<0.1	333	36.8
742830	6	1.7	1	<0.1	197	13.0
742831	5	13.8	6	<0.1	191	60.8
742832	7	10.6	5	<0.1	274	54.6
742833	2	10.1	2	<0.1	171	54.1
742834	3	9.9	<1	<0.1	170	65.1
742835	<1	7.7	1	<0.1	278	37.2
742836	10	3.9	3	<0.1	236	32.3
742837	8	4.5	4	<0.1	244	31.4
742838	8	3.8	4	<0.1	214	21.2
742839	8	7.7	6	<0.1	381	39.9
742840	7	17.1	6	<0.1	257	63.5
742841	5	6.1	5	<0.1	233	30.0
742842	6	3.6	2	<0.1	249	18.6
742843	5	2.2	1	<0.1	309	12.4

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ANALYSIS REPORT BBM22-19256

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742844	7	10.8	5	<0.1	252	49.5
742845	5	4.7	3	<0.1	156	24.0
*Std AMIS0841	96	2300	1	1.3	189	5450
*Blk BLANK	<1	0.5	<1	<0.1	<1	0.7
*Rep 742773	6	4.0	3	<0.1	486	19.4
*Rep 742793	7	9.9	5	<0.1	307	48.4
*Rep 742799	8	5.1	8	<0.1	494	27.9
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Rep 742831	5	11.7	5	<0.1	185	58.9
*Std MMISRM19	5	166	4	<0.1	188	190
*Rep 742842	5	4.2	2	<0.1	243	17.5

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742748	<10	264	213000	1	<0.5	26
742749	<10	265	112000	3	0.9	43
742750	<10	190	235000	5	1.7	28
742751	30	247	48500	2	1.3	38
742752	20	262	54400	3	<0.5	65
742753	20	272	79600	3	<0.5	30
742754	50	173	214000	3	<0.5	23
742755	<10	192	87600	2	1.7	23
742756	80	225	181000	2	4.2	26
742757	30	224	179000	3	3.9	25
742758	20	222	136000	3	3.1	26
742759	20	163	184000	4	1.8	18

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ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
742760	<10	218	61400	<1	1.3	28
742761	<10	337	71400	3	<0.5	40
742762	10	206	262000	4	0.9	16
742763	<10	204	277000	4	<0.5	26
742764	20	288	233000	4	1.9	30
742765	30	226	45300	2	<0.5	36
742766	10	236	88500	3	<0.5	50
742767	30	216	171000	3	<0.5	37
742768	<10	204	233000	4	5.0	18
742769	20	200	228000	3	<0.5	23
742770	50	243	165000	3	1.0	36
742771	20	208	185000	4	4.1	31
742772	<10	220	127000	2	3.3	30
742773	<10	170	135000	4	2.6	21
742774	20	230	196000	4	<0.5	37
742775	<10	182	214000	4	<0.5	19
742776	10	368	310000	3	2.3	19
742777	30	181	175000	3	1.5	21
742778	10	386	93100	4	<0.5	72
742779	40	275	87400	4	<0.5	40
742780	<10	122	109000	4	<0.5	37
742781	20	209	197000	4	<0.5	30
742782	20	176	116000	3	3.9	29
742783	80	219	77000	<1	0.7	34
742784	10	144	185000	4	0.9	27
742785	20	138	191000	3	<0.5	24
742786	40	180	230000	2	5.1	20
742787	10	184	253000	4	<0.5	39
742788	10	353	155000	3	<0.5	25

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
742789	10	225	167000	3	<0.5	44
742790	<10	164	106000	2	2.5	21
742791	20	205	170000	3	0.6	21
742792	<10	193	161000	3	4.5	18
742793	10	235	161000	4	<0.5	44
742794	<10	122	96500	3	<0.5	38
742795	<10	303	123000	3	<0.5	52
742796	10	100	113000	3	<0.5	20
742797	<10	194	163000	7	4.8	40
742798	<10	188	181000	5	2.9	37
742799	<10	167	177000	5	2.2	27
742800	<10	100	99900	2	0.7	13
742801	<10	160	182000	4	1.1	13
742802	<10	133	141000	2	0.7	14
742803	<10	273	88400	4	0.5	39
742804	<10	260	90300	3	<0.5	35
742805	10	233	220000	5	2.1	21
742806	<10	236	86100	1	<0.5	51
742807	<10	218	77400	3	0.9	27
742808	<10	207	38100	1	0.7	37
742809	<10	237	75700	3	<0.5	44
742810	<10	284	68100	1	1.6	13
742811	<10	186	144000	4	<0.5	37
742812	<10	129	119000	4	<0.5	36
742813	<10	162	181000	5	0.7	22
742814	<10	200	155000	3	<0.5	29
742815	<10	188	197000	6	<0.5	14
742816	<10	248	64800	1	<0.5	37
742817	<10	160	226000	6	<0.5	22

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742818	<10	188	147000	2	<0.5	29
742819	<10	180	223000	5	<0.5	23
742820	<10	189	201000	6	<0.5	15
742821	<10	165	162000	6	<0.5	25
742822	<10	184	157000	4	<0.5	12
742823	<10	197	232000	8	<0.5	18
742824	<10	314	182000	4	0.7	19
742825	<10	250	72100	2	<0.5	60
742826	<10	187	188000	3	<0.5	17
742827	20	183	169000	3	<0.5	19
742828	10	197	122000	4	1.4	26
742829	10	202	207000	7	<0.5	33
742830	<10	159	193000	4	<0.5	10
742831	<10	156	135000	4	<0.5	60
742832	<10	260	169000	3	<0.5	48
742833	<10	204	53600	3	<0.5	54
742834	<10	189	39000	<1	<0.5	68
742835	<10	314	51500	3	<0.5	48
742836	<10	232	282000	7	<0.5	26
742837	<10	204	220000	5	<0.5	26
742838	<10	156	224000	6	<0.5	22
742839	<10	182	220000	7	<0.5	41
742840	<10	123	127000	6	<0.5	80
742841	<10	166	97000	1	<0.5	35
742842	<10	160	141000	4	<0.5	19
742843	<10	140	167000	4	<0.5	12
742844	<10	167	184000	7	<0.5	55
742845	<10	167	136000	5	<0.5	27
*Std AMIS0841	<10	17	50700	80	1.1	11500

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Blk BLANK	<10	<1	<10	2	0.5	<1
*Rep 742773	20	169	134000	2	3.6	19
*Rep 742793	10	241	164000	4	<0.5	49
*Rep 742799	<10	174	181000	4	1.6	28
*Blk BLANK	<10	<1	20	<1	<0.5	<1
*Rep 742831	<10	158	138000	6	<0.5	55
*Std MMISRM19	<10	300	18900	27	<0.5	522
*Rep 742842	<10	157	142000	3	<0.5	20

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742748	620	73.1	260	<1	5.9	<0.2
742749	510	86.1	340	<1	10.5	<0.2
742750	350	73.2	310	<1	7.4	0.3
742751	480	73.4	810	<1	10.1	<0.2
742752	920	93.0	340	1	16.7	<0.2
742753	480	76.5	190	1	7.8	<0.2
742754	340	83.1	220	<1	6.1	<0.2
742755	210	51.5	200	1	5.6	<0.2
742756	390	46.4	390	<1	6.8	<0.2
742757	380	44.8	380	<1	6.5	<0.2
742758	660	42.2	270	<1	7.0	0.3
742759	240	69.5	80	<1	4.6	<0.2
742760	400	55.2	190	<1	7.0	<0.2
742761	540	73.6	300	1	9.9	<0.2
742762	300	69.2	90	<1	4.3	0.2

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Samples (197-294)
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CRITICAL RESOURCES
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ANALYSIS REPORT BBM22-19256

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742763	450	123	130	<1	6.5	<0.2
742764	450	81.6	190	<1	7.7	<0.2
742765	430	65.5	230	<1	8.7	<0.2
742766	600	95.5	360	<1	12.7	<0.2
742767	400	139	230	<1	8.6	<0.2
742768	240	54.8	170	1	4.5	<0.2
742769	320	106	100	<1	5.2	<0.2
742770	510	66.2	530	<1	9.8	<0.2
742771	250	78.9	170	<1	7.4	<0.2
742772	250	63.8	140	<1	8.1	<0.2
742773	230	86.8	90	<1	4.8	<0.2
742774	460	102	210	<1	8.6	<0.2
742775	310	52.5	140	<1	4.5	<0.2
742776	430	45.5	150	1	4.8	<0.2
742777	490	116	110	<1	4.9	<0.2
742778	610	112	490	<1	19.1	<0.2
742779	370	68.0	240	<1	9.2	<0.2
742780	260	92.7	160	<1	9.7	<0.2
742781	330	111	270	<1	7.1	<0.2
742782	260	94.7	160	<1	7.2	<0.2
742783	370	67.4	240	1	8.6	<0.2
742784	280	65.8	140	<1	6.6	<0.2
742785	220	90.8	140	<1	5.7	0.2
742786	250	114	110	1	5.0	<0.2
742787	400	103	590	<1	10.3	<0.2
742788	400	44.2	220	<1	6.0	<0.2
742789	280	81.8	200	<1	10.0	<0.2
742790	240	68.9	110	<1	5.2	<0.2
742791	390	66.3	110	<1	5.9	<0.2

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ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
742792	620	52.7	250	<1	4.6	<0.2
742793	490	63.7	530	<1	11.2	<0.2
742794	280	92.6	200	<1	8.8	<0.2
742795	670	86.7	390	<1	12.7	<0.2
742796	140	84.7	150	<1	4.7	<0.2
742797	300	74.6	870	<1	10.1	0.3
742798	410	70.0	1000	<1	9.9	0.3
742799	330	119	140	<1	6.9	<0.2
742800	230	79.6	70	<1	3.4	<0.2
742801	500	51.3	80	<1	2.7	<0.2
742802	210	55.8	90	<1	3.6	<0.2
742803	550	101	330	<1	9.2	<0.2
742804	550	61.9	250	<1	9.0	<0.2
742805	400	77.1	160	1	5.5	0.2
742806	460	80.6	360	<1	11.6	<0.2
742807	320	46.2	490	<1	6.8	0.2
742808	420	78.7	280	<1	9.5	<0.2
742809	430	72.7	320	<1	10.4	<0.2
742810	310	45.9	120	<1	3.0	0.2
742811	370	78.5	310	<1	9.9	<0.2
742812	260	62.5	220	<1	8.1	<0.2
742813	490	44.2	210	<1	5.4	<0.2
742814	360	75.6	390	<1	6.7	<0.2
742815	360	46.8	130	<1	2.9	<0.2
742816	640	86.9	370	<1	8.7	<0.2
742817	490	43.1	200	<1	4.8	<0.2
742818	280	60.7	340	<1	6.4	<0.2
742819	500	79.1	120	<1	5.5	<0.2
742820	1020	68.9	80	<1	3.0	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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CRITICAL RESOURCES
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ANALYSIS REPORT BBM22-19256

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742821	690	53.0	430	<1	5.7	<0.2
742822	490	51.0	100	<1	3.0	<0.2
742823	350	46.5	100	<1	3.7	0.2
742824	540	66.6	350	<1	4.6	0.4
742825	540	66.1	420	<1	14.3	<0.2
742826	390	96.5	130	<1	4.6	<0.2
742827	280	64.6	270	<1	5.3	<0.2
742828	170	48.8	250	<1	6.3	<0.2
742829	430	66.7	350	<1	8.4	<0.2
742830	360	41.7	130	<1	2.3	<0.2
742831	600	49.4	900	<1	14.7	<0.2
742832	700	63.5	520	<1	11.6	<0.2
742833	240	52.0	340	<1	14.3	<0.2
742834	470	55.8	260	<1	17.3	<0.2
742835	980	96.1	340	<1	11.4	<0.2
742836	1050	59.3	240	<1	6.4	<0.2
742837	560	58.5	380	1	7.0	<0.2
742838	530	55.0	210	1	5.2	<0.2
742839	370	67.6	870	<1	8.7	<0.2
742840	300	71.3	1590	<1	18.1	<0.2
742841	230	47.3	510	<1	7.8	<0.2
742842	500	46.7	150	<1	4.9	<0.2
742843	170	41.9	120	<1	3.0	<0.2
742844	340	64.2	810	<1	12.1	<0.2
742845	230	34.6	300	<1	5.9	<0.2
*Std AMIS0841	770	5.4	910	<1	2570	0.5
*Blk BLANK	<10	<0.5	<40	<1	0.9	<0.2
*Rep 742773	240	89.6	90	<1	5.6	<0.2
*Rep 742793	500	66.8	560	<1	11.5	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Rep 742799	350	127	150	<1	7.2	<0.2
*Blk BLANK	20	<0.5	<40	<1	<0.5	<0.2
*Rep 742831	600	41.6	800	<1	14.1	<0.2
*Std MMISRM19	3180	3.8	3070	<1	96.7	<0.2
*Rep 742842	520	44.7	150	<1	4.5	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742748	1620	<1	11	5	<10	9300
742749	1460	4	13	8	<10	2250
742750	1700	7	19	7	<10	14200
742751	1400	9	13	8	<10	3360
742752	1230	9	21	13	<10	1960
742753	574	9	10	6	<10	4520
742754	2170	8	18	7	<10	5520
742755	836	9	10	5	<10	2940
742756	1020	8	18	6	<10	5770
742757	993	8	15	5	<10	5570
742758	862	6	16	5	<10	11500
742759	1050	6	13	4	<10	3930
742760	859	6	12	5	<10	2330
742761	1550	5	10	8	<10	2870
742762	2320	6	11	3	<10	10400
742763	1500	5	15	5	<10	8060
742764	2030	4	17	6	<10	5430
742765	1220	4	10	8	<10	1520

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
742766	1640	5	21	11	<10	7230
742767	2290	5	18	8	<10	6790
742768	1360	5	15	4	<10	6540
742769	1790	3	13	5	<10	6580
742770	1490	4	22	9	<10	8170
742771	1620	4	18	7	<10	3500
742772	1390	5	22	8	<10	6410
742773	1890	4	20	4	<10	5290
742774	1980	5	26	7	<10	4320
742775	825	2	12	4	<10	10800
742776	2000	4	25	4	<10	11600
742777	4120	2	16	5	<10	6230
742778	2190	2	21	15	<10	2640
742779	1310	<1	12	8	<10	1390
742780	1200	2	15	7	<10	4980
742781	2760	3	19	7	<10	9260
742782	3610	2	18	6	<10	5650
742783	1680	1	14	8	<10	1370
742784	1590	2	18	7	<10	4250
742785	2040	2	16	6	<10	4320
742786	4650	3	16	4	<10	4330
742787	1990	3	15	8	<10	12200
742788	840	3	12	5	<10	7910
742789	856	3	17	8	<10	6060
742790	1380	2	15	5	<10	4010
742791	1350	2	15	4	<10	6420
742792	1220	3	17	5	<10	4830
742793	1310	4	26	9	<10	7150
742794	2810	3	20	8	<10	5580

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742795	1640	<1	15	10	<10	2630
742796	3640	2	16	4	<10	3320
742797	1200	17	27	8	<10	7330
742798	797	13	16	8	<10	9610
742799	2850	17	21	7	<10	6270
742800	1420	5	8	3	<10	6970
742801	1640	9	12	2	<10	6310
742802	1190	6	9	3	<10	5460
742803	1420	4	9	6	<10	2350
742804	825	4	9	9	<10	1590
742805	2350	7	16	6	<10	5950
742806	735	5	<5	10	<10	1430
742807	1950	5	8	6	<10	7650
742808	876	2	<5	8	<10	2490
742809	1020	<1	<5	7	<10	2240
742810	2270	9	20	3	<10	15000
742811	1260	4	21	8	<10	6770
742812	854	2	19	8	<10	4010
742813	649	3	16	4	<10	7190
742814	1020	3	18	6	<10	5970
742815	1830	4	17	3	<10	5910
742816	1530	1	10	7	<10	2550
742817	1450	1	16	4	<10	9580
742818	936	3	11	6	<10	14900
742819	1690	3	12	4	<10	8020
742820	1610	<1	10	3	<10	5760
742821	865	1	9	3	<10	8130
742822	1420	1	8	3	<10	6650
742823	1300	2	9	4	<10	8830

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742824	2540	3	18	3	<10	14900
742825	676	3	12	12	<10	1620
742826	1260	2	12	4	<10	8500
742827	1640	1	10	5	<10	7590
742828	1250	3	18	6	<10	6380
742829	1590	3	14	7	<10	6450
742830	844	<1	6	2	<10	8270
742831	784	2	15	12	<10	7800
742832	1180	2	18	10	<10	10700
742833	628	2	11	12	<10	2010
742834	453	<1	8	10	<10	3490
742835	569	<1	<5	7	<10	2870
742836	750	<1	10	4	<10	12300
742837	1030	<1	7	6	<10	8870
742838	1130	<1	8	4	<10	4950
742839	1520	1	13	8	<10	6820
742840	464	2	20	17	<10	4610
742841	644	1	10	7	<10	2920
742842	1310	<1	11	3	<10	5930
742843	770	<1	8	3	<10	7760
742844	710	1	10	9	<10	3010
742845	401	<1	8	5	<10	2390
*Std AMIS0841	2960	18	2260	2570	<10	410
*Blk BLANK	<1	2	5	<1	<10	<10
*Rep 742773	1850	5	19	5	<10	5240
*Rep 742793	1350	3	24	11	<10	7380
*Rep 742799	3040	13	23	6	<10	6500
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Rep 742831	752	2	10	13	<10	8100

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM19	687	5	92	144	<10	7830
*Rep 742842	1330	<1	9	4	<10	6010

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742748	<2	0.6	<10	3.1	300	2.4
742749	<2	1.1	20	3.5	400	4.5
742750	<2	1.1	<10	2.9	300	2.6
742751	<2	1.1	<10	2.1	300	5.2
742752	<2	2.0	<10	7.5	500	2.4
742753	<2	0.8	<10	2.6	300	2.0
742754	<2	0.9	<10	1.7	300	3.1
742755	<2	0.7	<10	2.1	200	3.9
742756	<2	0.9	<10	2.4	200	1.3
742757	<2	0.8	<10	2.8	200	0.9
742758	<2	0.9	<10	3.4	200	4.3
742759	<2	0.6	<10	0.9	300	0.8
742760	<2	0.6	<10	3.1	200	2.2
742761	<2	1.3	<10	7.9	300	2.2
742762	<2	0.5	<10	<0.5	300	5.8
742763	<2	0.8	<10	1.1	500	1.5
742764	<2	0.7	<10	3.0	400	3.4
742765	<2	0.8	<10	3.3	300	2.3
742766	<2	1.3	<10	7.7	400	6.0
742767	<2	1.0	<10	3.9	600	5.7
742768	<2	0.5	<10	1.1	200	3.2

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Element Method	Ta GE_MMIMV	Tb GE_MMIMV	Te GE_MMIMV	Th GE_MMIMV	Ti GE_MMIMV	Tl GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742769	<2	0.7	<10	<0.5	400	1.7
742770	<2	1.2	<10	4.1	300	4.1
742771	<2	0.9	<10	2.5	300	3.7
742772	<2	1.1	<10	6.9	300	1.5
742773	<2	0.7	<10	3.2	400	0.3
742774	<2	1.0	<10	5.6	500	1.3
742775	<2	0.5	<10	1.3	200	2.1
742776	<2	0.5	<10	0.9	200	4.5
742777	<2	0.6	<10	1.2	500	2.3
742778	<2	1.8	<10	8.8	500	4.8
742779	<2	1.0	<10	5.4	300	5.8
742780	<2	0.8	<10	2.7	400	1.6
742781	<2	1.0	<10	3.8	500	3.2
742782	<2	0.7	<10	2.5	400	3.8
742783	<2	0.8	<10	2.7	300	1.6
742784	<2	0.8	<10	3.2	300	0.9
742785	<2	0.6	<10	2.3	400	1.8
742786	<2	0.7	<10	<0.5	500	7.9
742787	<2	1.3	<10	3.0	400	1.3
742788	<2	0.8	<10	1.8	200	3.8
742789	<2	1.3	<10	4.3	300	1.6
742790	<2	0.6	<10	0.9	300	4.2
742791	<2	0.4	<10	2.5	300	3.6
742792	<2	0.6	<10	<0.5	200	4.6
742793	<2	1.4	<10	3.5	300	3.5
742794	<2	1.3	<10	3.7	400	1.2
742795	<2	1.3	<10	6.9	400	6.5
742796	<2	0.5	<10	1.3	300	4.8
742797	3	1.8	30	7.9	300	0.5

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742798	<2	1.4	10	6.5	300	0.6
742799	<2	0.9	10	3.9	400	2.6
742800	<2	0.4	10	0.6	300	1.1
742801	<2	0.2	<10	<0.5	200	0.4
742802	<2	0.3	<10	1.1	200	0.1
742803	<2	0.9	10	2.7	300	4.3
742804	<2	0.9	10	4.1	200	1.2
742805	<2	0.4	<10	0.6	300	2.3
742806	<2	1.3	<10	3.0	300	0.8
742807	<2	0.9	<10	2.8	100	4.6
742808	<2	0.9	10	1.1	200	0.8
742809	<2	0.7	<10	1.7	200	2.1
742810	2	0.4	<10	<0.5	200	2.4
742811	<2	1.2	<10	3.5	300	0.8
742812	<2	1.0	<10	3.7	200	0.6
742813	<2	0.6	<10	0.8	200	2.3
742814	<2	0.9	<10	1.1	300	2.8
742815	<2	0.3	<10	<0.5	200	4.1
742816	<2	0.9	<10	<0.5	300	1.1
742817	<2	0.7	<10	<0.5	200	1.9
742818	<2	0.7	<10	<0.5	200	1.6
742819	<2	0.7	<10	0.5	300	1.8
742820	<2	0.2	<10	<0.5	200	4.2
742821	<2	0.6	<10	0.9	200	3.9
742822	<2	0.3	<10	<0.5	200	2.4
742823	<2	0.3	<10	1.2	200	0.3
742824	<2	0.3	<10	<0.5	300	9.6
742825	<2	1.6	<10	6.2	200	2.4
742826	<2	0.5	<10	0.6	300	1.6

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742827	<2	0.6	<10	2.4	300	1.7
742828	<2	0.6	<10	2.2	200	2.8
742829	<2	1.1	<10	4.6	300	5.3
742830	<2	0.1	<10	<0.5	200	3.6
742831	<2	1.9	<10	7.2	200	3.4
742832	<2	1.2	<10	6.5	300	4.6
742833	<2	1.5	<10	9.2	200	1.4
742834	<2	1.4	<10	9.0	200	1.7
742835	<2	0.9	<10	2.8	400	0.2
742836	<2	0.6	<10	1.5	200	1.6
742837	<2	0.6	<10	1.9	200	2.7
742838	<2	0.3	<10	0.8	200	2.0
742839	<2	0.8	<10	4.4	300	1.6
742840	<2	2.3	<10	10.5	300	1.4
742841	<2	0.8	<10	2.4	200	1.0
742842	<2	0.3	<10	1.0	200	1.3
742843	<2	0.2	<10	<0.5	200	0.7
742844	<2	1.5	<10	6.4	300	1.8
742845	<2	0.5	<10	2.1	200	0.2
*Std AMIS0841	3	327	<10	1130	<100	8.3
*Blk BLANK	<2	0.2	<10	<0.5	<100	<0.1
*Rep 742773	<2	0.4	<10	2.5	400	0.4
*Rep 742793	<2	1.2	<10	3.7	300	3.0
*Rep 742799	<2	0.9	10	3.9	500	3.5
*Blk BLANK	<2	<0.1	<10	<0.5	<100	<0.1
*Rep 742831	<2	1.5	<10	5.5	200	2.9
*Std MMISRM19	<2	20.8	<10	138	<100	3.9
*Rep 742842	<2	0.2	<10	<0.5	200	2.3

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Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742748	0.9	<1	19	1.3	46300	6
742749	2.9	<1	33	2.5	40900	6
742750	0.8	<1	22	1.6	34700	7
742751	2.0	<1	29	2.2	14600	6
742752	3.8	1	52	4.1	26600	11
742753	2.3	<1	23	2.1	32000	5
742754	1.0	<1	20	1.9	26800	6
742755	1.7	<1	19	1.7	28300	4
742756	1.4	<1	22	1.7	43800	5
742757	1.2	<1	21	1.6	43700	5
742758	1.8	<1	23	1.8	31100	7
742759	0.8	<1	15	1.4	23100	6
742760	2.0	<1	23	1.3	22900	4
742761	2.4	2	33	2.5	34300	4
742762	<0.5	<1	13	1.0	35000	3
742763	1.3	<1	19	1.5	38800	5
742764	1.9	<1	22	1.8	42400	6
742765	2.0	<1	25	2.2	29800	3
742766	3.7	<1	37	2.8	24600	7
742767	1.9	<1	28	2.2	35100	9
742768	0.7	<1	15	1.1	40500	5
742769	0.9	<1	18	1.5	16800	5
742770	2.5	<1	32	2.9	34400	10
742771	1.3	<1	26	1.9	32500	8
742772	1.6	<1	24	2.0	31700	7
742773	0.9	<1	16	1.4	25100	6
742774	2.1	<1	29	2.4	32300	9
742775	0.6	<1	15	0.9	22100	3
742776	0.6	<1	15	1.0	45900	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742777	1.0	<1	19	1.4	23900	4
742778	4.8	1	58	5.0	31500	10
742779	2.0	<1	29	2.2	30200	5
742780	1.3	<1	21	1.8	12900	4
742781	1.5	<1	25	2.0	33100	6
742782	1.2	<1	21	1.7	16000	4
742783	2.4	1	26	2.2	26600	4
742784	1.1	<1	23	2.0	27600	5
742785	1.1	<1	22	1.6	20400	5
742786	<0.5	<1	14	1.1	25300	2
742787	1.4	<1	31	2.3	27800	7
742788	0.8	<1	20	1.5	53200	5
742789	2.5	<1	38	2.7	24200	7
742790	1.1	<1	17	1.7	24800	5
742791	1.5	<1	15	1.4	28900	6
742792	0.5	<1	16	1.1	32900	3
742793	2.2	<1	38	2.8	38700	10
742794	1.7	<1	30	2.3	17400	8
742795	2.8	<1	44	3.2	30800	7
742796	0.7	<1	16	1.2	18100	4
742797	2.2	<1	35	2.6	45200	9
742798	1.7	<1	34	2.6	33300	8
742799	1.8	<1	23	2.1	23700	7
742800	<0.5	<1	11	1.0	14500	<2
742801	<0.5	<1	9	0.8	38700	4
742802	0.6	<1	11	0.9	28100	3
742803	2.4	<1	31	2.3	31000	7
742804	1.9	<1	32	2.4	24700	5
742805	0.7	<1	15	1.3	51200	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742806	2.4	<1	40	2.7	23500	7
742807	1.3	<1	23	2.2	65200	4
742808	2.2	<1	28	2.3	19800	5
742809	1.9	<1	30	2.8	14300	4
742810	<0.5	<1	9	0.3	44500	<2
742811	1.4	<1	30	2.4	24200	11
742812	1.4	<1	29	2.6	18100	6
742813	0.7	<1	17	1.1	30400	5
742814	1.0	<1	25	1.7	31800	4
742815	<0.5	<1	11	0.5	27600	4
742816	2.2	<1	29	1.9	29700	4
742817	0.7	<1	17	1.5	34200	6
742818	0.6	<1	23	1.7	44400	4
742819	<0.5	<1	19	1.4	31700	4
742820	0.6	<1	12	0.5	39500	5
742821	1.0	<1	21	1.6	45600	5
742822	<0.5	<1	10	0.7	20700	3
742823	<0.5	<1	14	0.8	41100	4
742824	<0.5	<1	16	1.2	62600	5
742825	2.7	<1	46	3.4	25300	5
742826	<0.5	<1	15	1.0	27300	3
742827	0.9	<1	18	1.2	32300	7
742828	1.1	<1	21	1.4	26000	12
742829	1.7	<1	28	2.7	36100	10
742830	<0.5	<1	8	0.4	33800	3
742831	2.7	<1	49	3.4	28800	8
742832	2.9	<1	40	2.7	48500	10
742833	2.8	<1	41	3.2	23200	8
742834	2.8	<1	38	3.0	20000	4

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Order Number
Submission Number
Samples (197-294)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19256

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742835	2.1	<1	30	2.7	30700	2
742836	<0.5	<1	17	0.8	29100	3
742837	1.2	<1	21	1.8	36700	5
742838	0.8	<1	17	1.3	40600	5
742839	1.5	<1	31	2.3	35800	10
742840	3.5	<1	68	4.5	31200	12
742841	1.5	<1	27	2.0	33600	7
742842	0.8	<1	18	1.3	21600	5
742843	<0.5	<1	9	0.7	24900	6
742844	2.8	1	42	3.6	53700	13
742845	1.5	<1	21	1.9	35900	8
*Std AMIS0841	600	11	7570	822	1700	1090
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 742773	1.0	<1	17	1.1	25100	6
*Rep 742793	2.2	<1	40	3.1	40600	10
*Rep 742799	1.8	<1	24	2.2	25800	9
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 742831	2.3	<1	46	3.9	29800	7
*Std MMISRM19	130	4	563	40.4	5400	136
*Rep 742842	1.0	<1	16	1.6	22000	5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19258

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (295-392)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 23-Nov-2022
Number of Samples	98	Date Completed	23-Nov-2022
		SGS Order Number	BBM22-19258

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number
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Samples (295-392)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19258

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742846	0.13	6	6.3	<30	<0.4	11400
742847	0.10	6	29.8	40	<0.4	34300
742848	0.09	4	26.5	<30	<0.4	18100
742849	0.10	9	10.2	<30	<0.4	28000
742850	0.10	7	15.5	40	<0.4	50800
742851	0.13	3	87.6	40	<0.4	780
742852	0.06	7	7.0	<30	<0.4	17600
742853	0.06	5	7.4	50	1.4	10300
742854	0.07	6	9.3	<30	<0.4	20000
742855	0.07	8	9.4	40	<0.4	18700
742856	0.06	7	5.8	<30	<0.4	10600
742857	0.09	10	5.0	<30	<0.4	31400
742858	0.09	9	3.0	<30	<0.4	55800
742859	0.09	10	5.4	<30	<0.4	42200
742860	0.08	8	5.9	<30	<0.4	47500
742861	0.09	4	12.9	80	<0.4	28400
742862	0.08	7	17.2	<30	<0.4	35700
742863	0.10	6	7.1	<30	<0.4	43800
742864	0.08	9	16.8	<30	<0.4	24900
742865	0.11	1	104	<30	<0.4	1400
742866	0.07	9	13.5	<30	<0.4	25600
742867	0.10	5	9.7	40	0.4	14900
742868	0.08	5	7.6	<30	<0.4	28500
742869	0.08	5	24.6	30	<0.4	26000
742870	0.10	5	2.8	<30	<0.4	16200
742871	0.06	6	13.2	30	<0.4	7350
742872	0.08	3	8.5	50	<0.4	23600
742873	0.09	6	29.2	40	<0.4	27200
742874	0.08	9	7.9	<30	<0.4	32100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (295-392)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19258

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742875	0.09	5	9.3	<30	<0.4	15000
742876	0.08	5	6.6	<30	<0.4	23700
742877	0.08	5	6.6	<30	<0.4	41900
742878	0.09	7	7.8	<30	<0.4	24700
742879	0.09	7	11.3	<30	<0.4	38500
742880	0.10	7	11.5	<30	<0.4	18200
742881	0.09	11	4.8	<30	<0.4	54700
742882	0.11	5	1.9	<30	<0.4	37600
742883	0.07	7	5.2	<30	<0.4	14000
742884	0.06	7	6.8	40	<0.4	38100
742885	0.07	9	14.4	30	<0.4	40400
742886	0.07	5	29.5	<30	<0.4	25400
742887	0.07	5	7.6	<30	<0.4	17200
742888	0.11	3	13.0	<30	<0.4	13300
742889	0.10	4	24.0	<30	<0.4	25000
742890	0.08	4	20.1	<30	<0.4	20100
742891	0.11	5	10.0	<30	<0.4	18800
742892	0.08	7	15.8	<30	<0.4	28800
742893	0.10	7	10.7	30	<0.4	20000
742894	0.07	8	8.6	<30	<0.4	10900
742895	0.10	2	40.1	<30	<0.4	1250
742896	0.07	4	7.0	<30	<0.4	13000
742897	0.12	1	57.8	<30	<0.4	430
742898	0.07	5	8.4	<30	<0.4	25400
742899	0.11	1	179	<30	<0.4	990
742900	0.07	4	21.8	40	<0.4	18700
742901	0.10	3	22.2	<30	<0.4	31000
742902	0.10	8	15.3	<30	<0.4	26800
742903	0.10	4	9.0	30	<0.4	47300

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Order Number
Submission Number
Samples (295-392)
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CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19258

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742904	0.12	5	30.5	<30	<0.4	32800
742905	0.11	2	13.0	<30	<0.4	20400
742906	0.09	6	14.3	<30	<0.4	16100
742907	0.09	4	6.2	60	<0.4	28000
742908	0.09	3	7.4	<30	<0.4	12500
742909	0.10	7	18.2	<30	<0.4	21600
742910	0.10	4	13.7	<30	<0.4	11600
742911	0.12	5	14.3	<30	<0.4	18200
742912	0.10	6	8.0	<30	<0.4	26200
742913	0.11	3	7.6	<30	<0.4	30200
742914	0.12	3	7.6	<30	<0.4	23700
742915	0.09	<1	91.3	<30	<0.4	790
742916	0.11	5	17.9	<30	<0.4	30300
742917	0.09	5	36.3	<30	<0.4	15100
742918	0.07	3	4.5	<30	<0.4	10500
742919	0.08	4	13.6	<30	<0.4	24200
742920	0.10	4	12.4	<30	<0.4	13200
742921	0.11	4	8.7	40	<0.4	17100
742922	0.11	<1	91.2	<30	<0.4	1210
742923	0.09	6	15.5	30	<0.4	35800
742924	0.09	5	13.0	<30	<0.4	10600
742925	0.08	9	9.5	30	<0.4	9670
742926	0.11	6	27.5	<30	<0.4	32500
742927	0.10	6	6.7	<30	<0.4	15400
742928	0.10	6	12.4	<30	<0.4	30600
742929	0.10	8	12.9	<30	<0.4	21700
742930	0.12	6	10.1	<30	<0.4	31700
742931	0.08	6	13.7	40	<0.4	17700
742932	0.11	3	7.9	<30	<0.4	26000

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (295-392)
 Number of Samples 98

ANALYSIS REPORT BBM22-19258

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742933	0.10	3	6.8	<30	<0.4	22200
742934	0.11	2	6.2	40	<0.4	18700
742935	0.10	2	5.0	<30	<0.4	19000
742936	0.08	5	11.7	<30	<0.4	16300
742937	0.09	6	11.8	<30	<0.4	25600
742938	0.08	6	12.7	<30	<0.4	38200
742939	0.08	10	7.5	<30	<0.4	19700
742940	0.08	6	11.9	<30	<0.4	28300
742941	0.08	6	7.8	<30	<0.4	14500
742942	0.10	<1	96.7	<30	<0.4	1130
742943	0.08	7	8.8	<30	<0.4	45000
*Rep 742897	-	2	53.9	<30	<0.4	410
*Std SRM26	-	18	72.4	<30	10.3	630
*Rep 742930	-	5	8.7	60	<0.4	31000
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 742940	-	6	12.3	<30	<0.4	24300
*Blk BLANK	-	<1	<0.1	60	<0.4	<40
*Std AMIS0841	-	18	404	110	8.6	720
*Rep 742863	-	7	6.8	<30	<0.4	42800
*Rep 742878	-	6	8.3	30	<0.4	23800
*Rep 742882	-	4	2.0	<30	<0.4	38700

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742846	1.5	1711	20	50	50	200
742847	0.7	1720	84	123	123	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (295-392)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19258

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742848	1.0	2188	75	133	133	300
742849	<0.5	1660	158	104	104	300
742850	<0.5	1853	149	69	69	200
742851	<0.5	1539	219	82	82	100
742852	<0.5	1275	25	53	53	200
742853	<0.5	1064	33	64	64	100
742854	<0.5	1795	29	81	81	200
742855	<0.5	1242	41	49	49	200
742856	<0.5	883	37	41	41	100
742857	<0.5	1605	127	29	29	200
742858	<0.5	2310	105	32	32	200
742859	<0.5	2076	229	41	41	200
742860	<0.5	1770	162	45	45	200
742861	<0.5	2037	187	43	43	200
742862	<0.5	2430	120	90	90	200
742863	<0.5	2594	125	37	37	200
742864	<0.5	1734	113	62	62	300
742865	<0.5	1100	115	63	63	<100
742866	<0.5	2300	88	70	70	200
742867	<0.5	1867	53	39	39	200
742868	<0.5	1998	69	43	43	200
742869	<0.5	1940	89	63	63	200
742870	0.9	1497	26	34	34	100
742871	<0.5	1054	43	70	70	200
742872	<0.5	2226	119	30	30	200
742873	<0.5	2044	90	46	46	200
742874	<0.5	1329	79	24	24	300
742875	<0.5	1371	44	41	41	200
742876	<0.5	1888	101	26	26	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (295-392)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19258

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742877	<0.5	2378	90	54	54	200
742878	<0.5	1511	83	29	29	200
742879	<0.5	2094	81	66	66	200
742880	<0.5	1589	37	43	43	200
742881	<0.5	1842	119	47	47	200
742882	<0.5	2504	46	34	34	200
742883	<0.5	1118	57	42	42	200
742884	<0.5	1782	82	66	66	200
742885	<0.5	2267	122	42	42	200
742886	<0.5	1787	67	73	73	200
742887	<0.5	1272	66	50	50	200
742888	<0.5	1299	46	36	36	200
742889	<0.5	1628	58	79	79	200
742890	<0.5	1562	26	52	52	200
742891	<0.5	1762	119	45	45	200
742892	<0.5	2033	58	66	66	200
742893	<0.5	1532	81	68	68	200
742894	<0.5	1221	69	42	42	200
742895	2.5	1242	208	49	49	<100
742896	2.0	1105	37	39	39	<100
742897	2.2	1239	350	101	101	<100
742898	1.6	961	72	38	38	<100
742899	<0.5	1607	310	98	98	<100
742900	2.7	1298	80	64	64	<100
742901	3.1	2274	126	96	96	<100
742902	0.9	2338	155	104	104	<100
742903	2.9	1758	126	58	58	<100
742904	1.8	1764	171	68	68	200
742905	<0.5	2156	133	53	53	<100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742906	1.2	1251	39	71	71	<100
742907	1.0	1406	93	42	42	<100
742908	0.6	903	53	56	56	<100
742909	1.1	1923	195	71	71	<100
742910	0.9	1682	54	69	69	<100
742911	1.5	1966	70	48	48	<100
742912	<0.5	2012	219	90	90	<100
742913	0.5	2341	170	80	80	<100
742914	<0.5	1957	62	40	40	<100
742915	<0.5	1226	177	72	72	<100
742916	<0.5	2130	96	58	58	<100
742917	0.5	1735	43	53	53	<100
742918	<0.5	878	41	48	48	<100
742919	<0.5	1718	72	77	77	<100
742920	0.7	1583	320	34	34	<100
742921	3.5	3545	57	31	31	<100
742922	0.7	1340	212	74	74	<100
742923	<0.5	1993	130	56	56	<100
742924	0.8	1146	48	58	58	<100
742925	<0.5	1546	55	127	127	<100
742926	0.7	1619	126	103	103	<100
742927	0.6	804	57	60	60	<100
742928	0.8	1996	129	157	157	<100
742929	0.6	1532	74	119	119	<100
742930	0.9	1492	72	135	135	100
742931	<0.5	2263	189	112	112	<100
742932	<0.5	2332	261	91	91	100
742933	<0.5	2009	221	76	76	100
742934	<0.5	2649	87	66	66	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742935	<0.5	1970	74	70	70	<100
742936	<0.5	1818	52	83	83	100
742937	<0.5	2150	79	72	72	100
742938	<0.5	1734	188	75	75	100
742939	<0.5	1204	102	63	63	<100
742940	<0.5	1550	108	71	71	100
742941	<0.5	1271	96	41	41	<100
742942	<0.5	1133	265	57	57	<100
742943	<0.5	1681	124	75	75	100
*Rep 742897	1.9	1190	330	106	106	<100
*Std SRM26	1.4	142	12	858	74	<100
*Rep 742930	0.9	1385	67	122	122	100
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Rep 742940	<0.5	1396	114	71	71	<100
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Std AMIS0841	11.9	138	9	6750	725	200
*Rep 742863	<0.5	2582	125	33	33	200
*Rep 742878	<0.5	1534	92	27	27	200
*Rep 742882	<0.5	2572	47	34	34	200

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742846	3.8	1330	3.8	1.8	3.1	26
742847	108	1460	8.2	4.5	8.3	27
742848	19.2	1280	8.4	5.0	6.4	32
742849	4.4	1760	3.5	1.9	5.3	25

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742850	19.2	1330	3.3	1.6	9.2	26
742851	11.9	1320	5.8	3.1	1.5	22
742852	191	1320	4.2	2.2	3.5	19
742853	97.7	1060	5.6	2.9	2.8	16
742854	7.8	980	7.8	4.1	5.4	27
742855	56.0	1330	4.0	1.9	4.2	18
742856	16.9	1200	2.7	1.4	2.4	14
742857	13.1	2130	2.3	0.7	5.3	23
742858	8.2	1640	1.6	1.0	10.6	32
742859	13.9	1590	3.0	1.1	7.9	31
742860	3.0	1490	2.9	1.8	9.2	25
742861	12.8	1750	2.2	1.1	5.8	30
742862	9.0	1460	6.0	4.0	7.4	35
742863	81.1	1650	2.7	1.3	7.5	36
742864	38.1	1820	4.2	2.0	4.9	26
742865	15.6	1690	4.2	2.2	0.9	17
742866	18.8	1140	6.0	2.7	5.3	34
742867	24.7	1200	3.2	1.5	3.1	28
742868	31.6	1090	2.9	1.3	5.8	29
742869	40.8	1050	5.2	2.0	5.9	30
742870	6.2	990	3.7	1.6	3.8	21
742871	11.2	1020	5.8	2.6	2.7	18
742872	48.8	790	2.1	1.6	4.6	32
742873	54.3	1070	4.4	2.1	5.2	32
742874	38.9	1730	1.8	1.3	5.6	19
742875	252	1480	3.7	1.7	3.6	21
742876	30.5	1290	2.1	0.9	4.7	27
742877	4.1	980	3.9	2.4	7.7	34
742878	61.5	1610	2.2	1.2	4.9	22

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742879	52.6	1020	4.4	2.9	7.3	30
742880	80.0	1270	3.0	1.7	4.0	23
742881	4.3	1750	2.6	1.4	9.8	26
742882	11.2	2220	2.5	1.1	7.3	36
742883	7.9	1340	3.6	1.9	3.0	17
742884	3.9	1270	5.1	2.9	8.3	27
742885	100	1960	2.7	1.8	7.0	32
742886	78.4	1340	6.6	3.4	5.6	28
742887	27.1	1360	3.8	2.3	3.9	19
742888	33.5	1180	1.8	1.1	2.2	20
742889	92.4	1180	5.5	3.6	6.0	25
742890	69.6	1510	3.7	1.6	4.0	23
742891	35.6	1460	3.3	1.2	4.3	26
742892	73.6	1530	5.9	3.1	6.8	30
742893	61.4	1790	4.3	2.5	4.1	23
742894	31.4	940	3.8	1.4	2.5	20
742895	27.0	900	4.9	3.0	1.8	17
742896	21.8	1020	3.7	2.9	4.1	16
742897	7.0	2110	9.0	3.9	2.6	19
742898	7.5	1070	3.3	2.0	6.7	15
742899	12.1	1310	7.7	5.0	2.4	27
742900	91.8	1210	5.2	3.5	5.3	20
742901	24.8	1580	6.8	3.7	8.3	34
742902	7.9	1950	8.3	4.2	8.7	32
742903	3.9	1440	3.5	2.0	10.3	25
742904	22.4	1420	4.4	2.4	8.8	26
742905	23.9	1050	3.9	1.7	5.6	30
742906	71.0	1460	4.6	2.3	5.6	19
742907	17.6	1330	3.2	1.3	6.6	20

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742908	30.2	1020	4.2	1.9	3.6	15
742909	27.1	1540	3.9	2.5	5.6	29
742910	11.3	1580	3.6	1.7	3.6	25
742911	16.5	1980	2.7	1.2	4.7	27
742912	25.4	1470	4.2	2.1	7.3	29
742913	20.3	1470	5.5	2.0	8.0	33
742914	22.7	1240	2.5	1.8	6.2	28
742915	15.3	1600	5.3	2.7	1.3	17
742916	24.6	1130	3.5	2.2	8.1	31
742917	69.9	1510	4.2	2.3	4.1	26
742918	39.2	1110	4.1	1.6	3.8	14
742919	15.0	1620	5.1	2.7	6.6	25
742920	14.7	1520	2.7	1.3	4.0	22
742921	110	2440	3.4	1.3	4.8	49
742922	12.5	1540	5.3	3.4	1.6	21
742923	34.8	1460	3.8	2.0	9.2	28
742924	147	1280	4.2	2.9	3.3	18
742925	4.4	1930	9.0	4.4	4.1	22
742926	45.3	1240	5.7	3.1	8.5	24
742927	25.2	1460	3.1	2.4	4.2	12
742928	4.3	1740	9.0	4.2	8.2	33
742929	14.1	1420	6.9	3.7	6.1	24
742930	3.4	1700	8.8	3.4	9.9	23
742931	11.6	1220	6.8	3.3	5.0	33
742932	6.4	2000	4.4	2.3	6.5	33
742933	5.6	1710	3.7	1.2	5.7	28
742934	5.3	860	3.4	2.4	5.3	36
742935	2.6	1080	4.5	1.6	4.9	28
742936	16.7	1480	7.3	3.4	5.7	26

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742937	12.4	1270	5.6	3.1	6.6	29
742938	17.7	1280	5.4	2.1	9.4	25
742939	5.3	1490	5.0	2.5	6.4	18
742940	8.2	1680	4.9	2.9	6.8	23
742941	6.0	1550	3.4	1.5	3.6	17
742942	9.6	1940	4.4	2.4	1.2	16
742943	4.0	1640	4.8	2.9	11.1	24
*Rep 742897	6.1	1970	8.6	5.5	2.8	18
*Std SRM26	36.4	620	37.3	16.1	15.0	14
*Rep 742930	3.1	1540	6.6	3.3	8.8	22
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 742940	7.8	1570	4.7	2.1	7.0	21
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Std AMIS0841	308	33100	1540	789	507	31
*Rep 742863	76.1	1670	2.1	1.1	7.9	36
*Rep 742878	58.0	1580	2.3	0.9	4.1	22
*Rep 742882	11.0	2230	2.6	1.2	6.3	37

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742846	3	5.0	3	<0.1	303	23.7
742847	3	10.3	8	<0.1	267	59.2
742848	3	12.0	3	<0.1	256	66.7
742849	6	6.1	2	<0.1	286	53.4
742850	6	5.4	2	<0.1	282	41.4
742851	<1	7.7	3	<0.1	240	38.4

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742852	2	4.9	9	<0.1	400	21.7
742853	3	6.8	6	<0.1	295	26.3
742854	5	11.1	3	<0.1	260	38.1
742855	3	5.5	4	<0.1	305	22.0
742856	4	4.2	5	<0.1	296	17.8
742857	7	3.0	2	<0.1	352	12.7
742858	7	2.1	2	<0.1	269	15.6
742859	8	4.1	5	<0.1	344	18.1
742860	4	4.1	2	<0.1	308	19.4
742861	5	3.0	3	<0.1	240	20.7
742862	7	8.5	6	<0.1	364	43.3
742863	3	3.0	3	<0.1	326	17.5
742864	6	5.3	4	<0.1	764	29.3
742865	<1	6.6	2	<0.1	189	26.4
742866	4	7.5	5	<0.1	272	31.9
742867	3	3.8	4	<0.1	218	18.0
742868	4	3.9	3	<0.1	262	18.5
742869	4	6.8	5	<0.1	291	30.7
742870	4	3.2	2	<0.1	197	14.2
742871	5	8.1	9	<0.1	302	29.2
742872	5	4.6	2	<0.1	197	14.3
742873	6	3.9	7	<0.1	299	19.9
742874	5	2.4	2	<0.1	311	10.0
742875	3	4.0	3	<0.1	308	17.1
742876	3	2.2	3	<0.1	177	11.1
742877	3	5.3	3	<0.1	150	24.7
742878	5	3.1	2	<0.1	217	13.5
742879	6	6.8	2	<0.1	228	30.0
742880	4	4.5	2	<0.1	238	17.3

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742881	3	3.6	2	<0.1	345	22.2
742882	1	2.5	2	<0.1	760	15.6
742883	4	4.7	4	<0.1	346	17.2
742884	4	7.2	4	<0.1	396	27.5
742885	6	4.0	2	<0.1	261	19.4
742886	5	8.3	3	<0.1	543	31.9
742887	4	6.3	3	<0.1	337	19.8
742888	4	2.8	3	<0.1	281	16.9
742889	4	8.0	3	<0.1	263	33.6
742890	2	5.4	4	<0.1	265	23.4
742891	3	4.0	2	<0.1	240	20.1
742892	4	6.6	4	<0.1	258	27.4
742893	2	5.8	2	<0.1	174	28.6
742894	5	3.1	6	<0.1	328	18.4
742895	4	6.1	1	<0.1	177	21.4
742896	7	5.4	3	<0.1	306	18.9
742897	6	13.1	2	0.3	256	41.7
742898	5	4.2	3	<0.1	372	18.4
742899	7	10.9	3	0.2	292	39.2
742900	8	6.9	1	<0.1	320	30.0
742901	7	9.9	2	<0.1	292	47.2
742902	8	13.2	3	<0.1	255	48.6
742903	5	2.9	2	<0.1	273	29.8
742904	12	6.2	3	<0.1	332	32.3
742905	5	5.9	2	<0.1	168	27.0
742906	5	8.0	3	<0.1	272	31.1
742907	7	4.5	2	<0.1	228	20.1
742908	4	6.6	4	<0.1	217	24.6
742909	7	6.7	1	<0.1	292	35.4

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742910	6	5.6	2	<0.1	237	36.0
742911	4	2.6	2	<0.1	504	30.6
742912	4	7.0	3	<0.1	243	47.8
742913	7	8.1	3	<0.1	235	40.0
742914	6	3.8	4	<0.1	397	21.3
742915	4	6.7	<1	<0.1	193	28.9
742916	7	5.7	3	<0.1	316	28.7
742917	7	6.3	2	<0.1	286	26.0
742918	3	5.0	5	<0.1	219	20.6
742919	6	8.0	3	<0.1	239	35.9
742920	7	4.2	<1	<0.1	203	16.9
742921	5	3.8	2	<0.1	640	16.0
742922	4	8.3	3	<0.1	229	31.7
742923	6	6.3	5	<0.1	248	28.1
742924	9	6.1	8	<0.1	357	26.4
742925	6	13.2	1	<0.1	287	57.4
742926	8	8.9	4	<0.1	222	52.5
742927	4	5.0	<1	<0.1	186	28.5
742928	5	14.4	2	<0.1	257	75.7
742929	5	9.6	6	<0.1	310	58.3
742930	4	10.6	5	<0.1	359	62.4
742931	9	9.0	4	<0.1	209	57.4
742932	10	6.9	4	<0.1	316	42.8
742933	8	6.1	4	<0.1	271	37.6
742934	7	5.3	1	<0.1	158	32.0
742935	5	4.6	<1	<0.1	202	37.0
742936	5	11.4	<1	<0.1	386	36.1
742937	7	5.9	5	<0.1	259	31.7
742938	9	9.2	3	<0.1	334	35.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742939	6	7.1	3	<0.1	306	29.6
742940	8	6.9	9	<0.1	351	33.5
742941	6	3.9	1	0.2	218	20.9
742942	3	4.7	<1	0.2	243	25.5
742943	11	6.5	3	0.1	327	35.6
*Rep 742897	6	12.2	2	<0.1	246	43.8
*Std SRM26	10	66.0	9	<0.1	35	342
*Rep 742930	3	9.8	3	<0.1	319	56.2
*Blk BLANK	<1	<0.2	<1	<0.1	<1	0.6
*Rep 742940	7	6.1	7	<0.1	342	34.6
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std AMIS0841	75	2070	<1	0.9	181	5130
*Rep 742863	4	3.0	4	<0.1	311	16.2
*Rep 742878	4	2.3	2	<0.1	213	10.6
*Rep 742882	2	3.6	3	<0.1	774	16.6

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742846	<10	145	182000	3	2.2	27
742847	<10	184	116000	3	1.1	63
742848	<10	211	141000	3	1.4	66
742849	10	221	218000	4	2.9	44
742850	<10	229	260000	4	<0.5	35
742851	<10	226	34300	2	<0.5	41
742852	<10	153	80300	2	<0.5	32
742853	<10	124	90100	3	<0.5	38

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742854	<10	193	151000	3	<0.5	46
742855	<10	151	163000	1	<0.5	28
742856	<10	102	120000	3	<0.5	21
742857	<10	225	245000	3	<0.5	15
742858	<10	238	265000	3	<0.5	17
742859	<10	244	334000	5	<0.5	20
742860	<10	190	178000	3	<0.5	23
742861	<10	171	245000	3	0.7	19
742862	<10	258	239000	3	<0.5	43
742863	<10	200	162000	2	<0.5	20
742864	50	238	236000	4	3.0	28
742865	<10	189	65900	2	0.6	34
742866	<10	224	180000	4	<0.5	34
742867	<10	140	128000	4	<0.5	23
742868	<10	205	183000	3	<0.5	23
742869	<10	198	173000	3	<0.5	34
742870	<10	179	132000	2	2.1	20
742871	<10	107	104000	4	1.1	42
742872	<10	196	188000	2	1.1	15
742873	<10	197	209000	3	<0.5	24
742874	<10	228	208000	2	1.1	11
742875	<10	210	121000	1	<0.5	24
742876	<10	159	141000	3	<0.5	15
742877	<10	139	185000	3	<0.5	27
742878	<10	202	207000	1	<0.5	14
742879	<10	236	244000	3	<0.5	33
742880	<10	162	150000	<1	<0.5	24
742881	<10	241	157000	4	<0.5	26
742882	20	263	81400	2	<0.5	19

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742883	<10	136	166000	1	<0.5	24
742884	<10	191	123000	3	<0.5	36
742885	<10	180	215000	2	<0.5	22
742886	10	385	200000	3	<0.5	41
742887	<10	140	140000	2	<0.5	31
742888	<10	208	116000	<1	<0.5	18
742889	<10	228	154000	4	<0.5	45
742890	<10	193	106000	2	<0.5	27
742891	<10	184	180000	3	<0.5	20
742892	<10	290	151000	1	<0.5	38
742893	<10	109	73200	2	<0.5	37
742894	<10	144	172000	3	<0.5	23
742895	<10	236	105000	3	3.3	30
742896	<10	85	145000	5	3.4	25
742897	<10	266	126000	3	1.9	55
742898	<10	125	137000	5	2.0	22
742899	<10	321	176000	4	<0.5	56
742900	<10	185	213000	6	4.0	32
742901	<10	229	165000	5	3.4	48
742902	<10	211	160000	6	0.8	51
742903	<10	173	134000	5	3.1	22
742904	30	199	286000	8	3.6	32
742905	<10	221	143000	5	0.6	24
742906	<10	144	109000	3	1.4	40
742907	<10	174	194000	4	1.0	21
742908	<10	97	114000	4	<0.5	29
742909	<10	198	216000	8	1.2	32
742910	<10	278	153000	6	1.1	30
742911	<10	334	126000	4	1.8	20

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742912	<10	185	136000	4	0.9	38
742913	<10	171	195000	5	<0.5	36
742914	<10	247	175000	5	1.2	20
742915	<10	218	91400	1	<0.5	38
742916	<10	212	209000	6	<0.5	28
742917	<10	243	175000	4	1.2	25
742918	<10	81	66800	2	<0.5	26
742919	<10	185	183000	6	<0.5	39
742920	<10	186	188000	5	1.7	16
742921	<10	253	119000	4	2.2	17
742922	<10	226	97100	4	<0.5	44
742923	<10	156	149000	6	<0.5	28
742924	10	166	176000	7	<0.5	33
742925	<10	188	131000	4	<0.5	68
742926	<10	189	203000	6	0.8	43
742927	<10	113	89000	4	1.4	29
742928	10	172	76400	6	<0.5	74
742929	<10	153	84800	4	<0.5	57
742930	<10	167	45900	<1	<0.5	68
742931	<10	180	243000	8	<0.5	51
742932	<10	216	327000	6	0.9	38
742933	<10	174	262000	7	0.9	31
742934	<10	207	163000	6	<0.5	32
742935	<10	175	157000	6	<0.5	32
742936	<10	228	151000	5	<0.5	45
742937	<10	201	196000	7	<0.5	38
742938	<10	206	245000	7	<0.5	36
742939	<10	131	190000	6	<0.5	34
742940	<10	144	206000	7	<0.5	34

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742941	<10	140	190000	6	<0.5	23
742942	<10	210	48800	3	<0.5	31
742943	<10	172	294000	8	<0.5	39
*Rep 742897	<10	261	119000	5	1.4	56
*Std SRM26	<10	32	990	70	<0.5	367
*Rep 742930	<10	155	42300	3	<0.5	59
*Blk BLANK	<10	<1	<10	<1	0.9	<1
*Rep 742940	<10	142	193000	5	<0.5	37
*Blk BLANK	<10	<1	<10	<1	0.8	<1
*Std AMIS0841	<10	16	44100	61	0.7	10500
*Rep 742863	<10	195	160000	<1	<0.5	17
*Rep 742878	<10	207	213000	3	<0.5	13
*Rep 742882	20	269	81600	2	<0.5	17

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742846	180	55.3	380	<1	6.5	<0.2
742847	710	64.1	1220	<1	14.4	<0.2
742848	530	58.5	1190	<1	15.7	<0.2
742849	730	61.1	440	<1	11.1	<0.2
742850	460	58.8	160	1	7.7	<0.2
742851	270	68.2	730	<1	10.0	<0.2
742852	160	120	130	<1	6.4	<0.2
742853	150	105	150	<1	8.2	<0.2
742854	200	63.7	240	<1	10.8	<0.2
742855	400	82.3	130	<1	6.1	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742856	130	104	90	<1	4.7	<0.2
742857	200	61.6	60	<1	2.8	<0.2
742858	190	63.9	80	<1	3.2	<0.2
742859	220	91.3	100	1	4.2	<0.2
742860	300	114	120	1	5.2	<0.2
742861	420	51.7	1610	1	4.1	<0.2
742862	320	68.9	590	<1	10.1	<0.2
742863	300	66.8	200	<1	3.7	<0.2
742864	260	105	490	<1	6.6	<0.2
742865	320	67.6	190	<1	7.5	<0.2
742866	560	69.0	310	<1	7.6	<0.2
742867	300	57.2	190	<1	4.2	<0.2
742868	410	81.4	140	<1	4.4	<0.2
742869	490	58.2	330	1	6.9	0.2
742870	160	53.0	80	<1	3.7	<0.2
742871	210	105	190	<1	8.9	<0.2
742872	350	34.4	150	<1	2.8	<0.2
742873	420	93.9	220	<1	5.1	<0.2
742874	250	68.1	50	1	2.5	<0.2
742875	240	65.8	110	<1	4.7	<0.2
742876	290	44.0	160	<1	2.2	<0.2
742877	240	40.5	270	1	5.7	<0.2
742878	260	59.8	60	<1	2.9	<0.2
742879	280	66.1	170	<1	7.4	<0.2
742880	290	76.0	100	<1	4.8	<0.2
742881	1670	85.3	160	<1	4.6	<0.2
742882	290	58.1	130	<1	3.6	<0.2
742883	240	69.4	80	<1	4.6	<0.2
742884	580	151	160	<1	7.8	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
742885	610	96.6	150	<1	3.9	<0.2
742886	610	166	320	<1	8.9	<0.2
742887	220	91.2	110	1	5.9	<0.2
742888	370	50.8	90	<1	3.8	<0.2
742889	470	82.6	270	<1	9.5	<0.2
742890	330	82.9	140	<1	5.7	<0.2
742891	230	61.8	150	<1	4.2	<0.2
742892	470	84.9	270	<1	7.3	<0.2
742893	280	48.9	200	<1	8.2	<0.2
742894	170	117	110	1	4.0	<0.2
742895	320	60.3	250	<1	7.6	<0.2
742896	180	109	150	<1	5.8	<0.2
742897	320	63.1	480	<1	13.6	<0.2
742898	300	125	110	<1	5.3	0.2
742899	690	137	470	<1	13.6	<0.2
742900	310	97.4	140	<1	7.8	0.2
742901	460	56.8	1090	<1	11.3	<0.2
742902	390	84.3	610	2	12.5	0.4
742903	550	58.0	320	<1	6.1	0.2
742904	590	54.0	350	<1	7.1	0.2
742905	770	48.7	350	<1	6.0	<0.2
742906	440	86.9	210	<1	8.8	<0.2
742907	200	62.4	130	1	4.8	<0.2
742908	170	73.0	150	<1	7.3	<0.2
742909	670	66.2	670	1	7.6	<0.2
742910	980	55.4	420	<1	7.7	<0.2
742911	930	51.8	330	<1	5.3	<0.2
742912	440	61.2	790	<1	10.5	<0.2
742913	440	58.6	670	<1	9.1	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
742914	350	48.8	250	<1	4.5	<0.2
742915	400	67.6	290	2	8.9	<0.2
742916	310	61.8	400	<1	6.5	<0.2
742917	770	70.7	340	<1	6.4	<0.2
742918	310	67.1	120	<1	5.7	<0.2
742919	400	73.2	390	<1	9.0	<0.2
742920	390	53.0	230	2	4.1	<0.2
742921	380	55.9	310	<1	3.9	<0.2
742922	480	69.5	1410	<1	9.8	<0.2
742923	400	50.8	460	<1	6.6	<0.2
742924	280	83.8	240	<1	7.2	<0.2
742925	300	109	440	<1	15.2	<0.2
742926	760	71.8	800	1	11.1	<0.2
742927	490	46.0	210	<1	7.3	<0.2
742928	350	66.8	1370	<1	18.9	<0.2
742929	300	79.7	880	<1	14.3	<0.2
742930	300	78.0	860	<1	15.6	<0.2
742931	540	62.4	1040	2	13.0	0.3
742932	540	62.5	550	1	9.7	<0.2
742933	470	54.7	500	2	8.0	<0.2
742934	340	51.4	510	<1	7.4	<0.2
742935	260	44.9	480	<1	7.8	<0.2
742936	390	160	470	<1	10.6	<0.2
742937	390	105	320	2	9.1	<0.2
742938	410	115	330	<1	8.6	<0.2
742939	270	108	280	<1	7.9	<0.2
742940	280	101	300	<1	8.7	<0.2
742941	250	75.0	150	<1	4.8	<0.2
742942	380	113	170	<1	6.9	0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742943	440	124	180	<1	9.1	<0.2
*Rep 742897	300	59.9	480	<1	13.8	<0.2
*Std SRM26	270	0.9	1720	6	93.2	3.9
*Rep 742930	280	69.0	760	<1	14.8	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Rep 742940	250	101	300	<1	9.1	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Std AMIS0841	540	5.0	710	1	2380	<0.2
*Rep 742863	270	63.4	190	<1	3.3	<0.2
*Rep 742878	260	57.5	60	<1	2.6	<0.2
*Rep 742882	270	61.2	140	<1	3.7	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742846	488	19	18	6	<10	4230
742847	1070	11	19	14	<10	7380
742848	723	14	22	13	<10	7610
742849	576	24	22	7	<10	5270
742850	1120	<1	<5	6	<10	6760
742851	1100	6	9	9	<10	1750
742852	3750	4	13	6	<10	6420
742853	1940	4	13	8	<10	3390
742854	741	3	10	9	<10	11900
742855	2040	4	8	6	<10	3760
742856	1510	4	5	5	<10	2700
742857	1750	3	5	3	<10	6090

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
742858	888	4	5	4	<10	19400
742859	1410	3	<5	4	<10	6930
742860	625	<1	<5	5	<10	7780
742861	1350	5	<5	4	<10	7350
742862	1760	2	7	8	<10	9800
742863	2830	1	<5	3	<10	13500
742864	4890	8	18	6	<10	6490
742865	729	<1	8	6	<10	2590
742866	1290	1	6	8	<10	8890
742867	1100	<1	<5	3	<10	6350
742868	1710	<1	<5	4	<10	6300
742869	1640	<1	<5	6	<10	5320
742870	566	2	<5	4	<10	7450
742871	1070	2	11	8	<10	2350
742872	973	<1	<5	3	<10	6010
742873	1410	<1	<5	7	<10	6240
742874	1820	<1	<5	2	<10	4080
742875	2300	<1	<5	4	<10	4570
742876	765	<1	<5	2	<10	8650
742877	578	<1	<5	5	<10	11100
742878	1830	<1	<5	4	<10	4310
742879	1690	<1	<5	6	<10	7980
742880	1780	<1	<5	5	<10	4900
742881	528	<1	<5	6	<10	11600
742882	1640	<1	<5	3	<10	9840
742883	1280	<1	<5	4	<10	3460
742884	581	<1	<5	7	<10	7790
742885	1490	<1	<5	5	<10	8240
742886	2850	<1	10	8	20	5520

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (295-392)
 Number of Samples 98

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742887	1520	<1	<5	6	<10	3610
742888	1390	<1	<5	4	<10	3730
742889	1470	<1	6	7	<10	4890
742890	1380	<1	<5	5	<10	3560
742891	1180	<1	<5	5	<10	6310
742892	1250	<1	<5	8	<10	7070
742893	813	<1	<5	6	<10	5880
742894	2180	<1	<5	4	<10	3390
742895	1300	8	<5	5	<10	2020
742896	1540	5	<5	4	<10	2850
742897	684	6	<5	12	<10	1100
742898	1050	6	<5	5	<10	4200
742899	1110	<1	20	12	<10	2330
742900	2090	6	<5	7	<10	3460
742901	2110	5	<5	8	<10	8750
742902	1480	3	<5	11	<10	7960
742903	826	4	<5	4	<10	10500
742904	1960	4	<5	6	<10	5560
742905	706	1	<5	5	<10	7280
742906	1620	3	<5	8	<10	4360
742907	1350	2	<5	4	<10	5840
742908	1120	3	<5	6	<10	4220
742909	1440	2	<5	5	<10	7250
742910	1150	3	<5	5	<10	7770
742911	1470	<1	<5	3	<10	6490
742912	776	1	<5	6	<10	8290
742913	777	1	<5	7	<10	7330
742914	1570	2	9	3	<10	9010
742915	1080	<1	<5	6	<10	1780

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (295-392)
 Number of Samples 98

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742916	2240	2	<5	5	<10	8550
742917	1710	2	7	4	<10	4970
742918	1130	2	5	4	<10	2960
742919	1260	1	<5	8	<10	6990
742920	1290	1	6	3	<10	4340
742921	4790	2	<5	4	<10	13200
742922	1060	1	<5	8	<10	2280
742923	1890	2	<5	6	<10	10900
742924	2910	<1	<5	7	<10	3110
742925	360	3	<5	11	<10	3490
742926	929	1	<5	7	<10	8300
742927	923	<1	<5	5	<10	3420
742928	544	2	<5	12	<10	6860
742929	1440	2	<5	11	<10	5790
742930	787	2	<5	12	<10	6850
742931	1020	1	<5	11	<10	7230
742932	1250	<1	<5	7	<10	6360
742933	1070	1	<5	5	<10	5400
742934	547	<1	<5	6	<10	8910
742935	381	1	<5	5	<10	7400
742936	1470	<1	10	9	<10	6450
742937	924	1	5	7	<10	8020
742938	1500	<1	9	7	<10	7440
742939	687	<1	11	8	<10	4900
742940	1150	3	16	8	<10	4910
742941	649	1	16	5	<10	4780
742942	623	1	12	5	<10	1840
742943	369	2	23	8	<10	7300
*Rep 742897	670	3	<5	11	<10	1100

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Order Number CRITICAL RESOURCES
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 Samples (295-392)
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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Std SRM26	305	<1	46	71	<10	3110
*Rep 742930	739	2	<5	10	<10	6680
*Blk BLANK	<1	<1	8	<1	<10	<10
*Rep 742940	1150	2	13	7	<10	4480
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Std AMIS0841	2790	16	1890	2310	<10	380
*Rep 742863	2680	<1	<5	4	<10	13200
*Rep 742878	1830	<1	<5	2	<10	4320
*Rep 742882	1690	<1	<5	4	<10	10100

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742846	<2	0.6	<10	3.2	200	1.1
742847	<2	1.7	<10	11.5	200	5.9
742848	<2	1.9	<10	9.2	200	1.5
742849	<2	0.6	<10	3.2	200	2.3
742850	<2	0.7	<10	8.8	200	3.8
742851	<2	0.8	<10	7.9	200	2.4
742852	<2	0.6	<10	3.4	400	2.4
742853	<2	0.9	<10	5.8	300	2.3
742854	<2	1.2	<10	6.0	200	1.5
742855	<2	0.6	<10	3.1	300	1.4
742856	<2	0.3	<10	1.6	300	1.5
742857	<2	0.2	<10	<0.5	200	1.7
742858	<2	0.3	<10	<0.5	200	1.0
742859	<2	0.4	<10	<0.5	300	1.1

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742860	<2	0.4	<10	0.7	400	0.5
742861	<2	0.1	<10	<0.5	200	2.8
742862	<2	1.1	<10	3.8	300	2.0
742863	<2	0.3	<10	<0.5	200	3.3
742864	<2	0.6	<10	3.2	400	4.4
742865	<2	0.7	<10	3.1	200	1.3
742866	<2	0.8	<10	2.9	200	1.2
742867	<2	0.2	<10	1.1	200	4.3
742868	<2	0.4	<10	0.8	300	3.1
742869	<2	0.5	<10	3.7	200	5.0
742870	<2	0.5	<10	3.7	200	1.1
742871	<2	1.0	<10	8.1	400	1.2
742872	<2	0.2	<10	0.6	100	5.2
742873	<2	0.6	<10	2.1	300	4.5
742874	<2	0.2	<10	<0.5	200	4.7
742875	<2	0.5	<10	1.4	200	4.8
742876	<2	0.2	<10	<0.5	100	6.3
742877	<2	0.5	<10	0.7	100	1.0
742878	<2	0.2	<10	<0.5	200	4.6
742879	<2	0.8	<10	3.5	200	2.6
742880	<2	0.4	<10	1.4	200	3.4
742881	<2	0.5	<10	<0.5	300	0.7
742882	<2	0.3	<10	<0.5	200	1.6
742883	<2	0.5	<10	1.2	200	1.1
742884	<2	0.8	<10	2.8	500	0.3
742885	<2	0.4	<10	<0.5	300	3.7
742886	<2	0.9	<10	4.5	600	6.7
742887	<2	0.6	<10	2.4	300	1.1
742888	<2	0.3	<10	<0.5	200	3.9

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742889	<2	1.0	<10	5.9	300	5.6
742890	<2	0.4	<10	1.9	300	1.3
742891	<2	0.6	<10	1.2	200	0.6
742892	<2	0.6	<10	2.5	300	7.0
742893	<2	0.9	<10	3.4	200	3.4
742894	<2	0.4	<10	2.2	400	1.7
742895	<2	1.3	10	7.6	200	1.7
742896	<2	1.0	<10	4.2	300	2.5
742897	<2	2.1	<10	9.8	200	1.0
742898	<2	0.8	<10	2.1	400	0.4
742899	<2	1.3	<10	3.7	500	1.8
742900	<2	1.2	<10	5.1	300	3.0
742901	<2	1.6	<10	6.4	200	3.2
742902	<2	1.6	<10	8.5	300	1.6
742903	<2	0.8	<10	1.3	200	1.0
742904	<2	0.7	<10	2.9	200	4.0
742905	<2	0.7	<10	2.2	200	5.1
742906	<2	1.3	<10	4.5	300	3.7
742907	<2	0.6	<10	<0.5	200	3.1
742908	<2	0.6	<10	2.5	300	2.9
742909	<2	0.8	<10	2.6	200	4.6
742910	<2	0.7	<10	2.1	200	5.4
742911	<2	0.4	<10	0.7	200	7.3
742912	<2	0.7	<10	4.5	200	3.8
742913	<2	0.9	<10	3.6	200	5.1
742914	<2	0.5	<10	1.1	200	4.1
742915	<2	1.0	<10	2.0	200	0.7
742916	<2	0.7	<10	2.8	200	3.8
742917	<2	0.7	<10	1.2	200	1.1

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742918	<2	0.4	<10	1.3	200	3.2
742919	<2	0.9	<10	4.7	200	1.4
742920	<2	0.5	<10	1.9	200	1.6
742921	<2	0.5	<10	1.1	200	8.5
742922	<2	1.1	<10	1.7	300	1.4
742923	<2	0.9	<10	3.4	200	3.4
742924	<2	0.8	<10	1.4	300	1.7
742925	<2	1.8	<10	4.4	400	0.7
742926	<2	0.9	<10	5.1	300	3.8
742927	<2	0.6	<10	<0.5	200	4.1
742928	<2	2.0	<10	7.7	300	0.6
742929	<2	1.5	<10	4.6	300	2.7
742930	<2	1.6	<10	6.1	300	0.5
742931	<2	1.1	<10	3.5	200	1.5
742932	<2	0.8	<10	1.5	200	1.2
742933	<2	0.5	<10	1.2	200	1.0
742934	<2	0.8	<10	<0.5	200	2.0
742935	<2	0.5	<10	1.1	200	1.2
742936	<2	1.3	<10	1.6	500	1.2
742937	<2	0.8	<10	2.1	300	1.2
742938	<2	1.0	<10	2.2	400	1.7
742939	<2	1.0	<10	1.8	400	1.1
742940	<2	0.8	<10	2.6	400	0.4
742941	<2	0.6	<10	<0.5	300	1.7
742942	<2	0.9	<10	0.8	400	1.2
742943	<2	0.9	<10	0.9	400	0.6
*Rep 742897	<2	1.8	<10	8.9	200	1.1
*Std SRM26	<2	8.7	<10	46.8	<100	1.5
*Rep 742930	<2	1.1	<10	4.7	300	0.7

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<2	0.1	<10	<0.5	<100	0.1
*Rep 742940	<2	0.8	<10	3.1	400	0.6
*Blk BLANK	<2	<0.1	<10	<0.5	<100	<0.1
*Std AMIS0841	<2	297	<10	950	<100	6.8
*Rep 742863	<2	0.3	<10	<0.5	200	3.0
*Rep 742878	<2	<0.1	<10	<0.5	200	5.0
*Rep 742882	<2	0.3	<10	<0.5	200	1.2

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742846	0.7	<1	18	1.3	29900	6
742847	3.1	1	43	3.0	34900	10
742848	6.6	1	46	3.4	33500	10
742849	1.1	3	21	1.5	38900	6
742850	0.7	<1	19	1.4	37900	7
742851	2.3	<1	34	2.8	25100	5
742852	1.1	<1	23	2.1	13600	5
742853	1.8	<1	29	1.9	11000	5
742854	1.9	<1	38	2.6	26600	6
742855	1.2	<1	23	1.8	15900	4
742856	1.2	<1	17	1.0	7900	4
742857	<0.5	<1	11	0.7	32100	3
742858	<0.5	<1	13	0.7	36100	2
742859	<0.5	<1	15	1.1	45300	3
742860	0.7	<1	17	1.4	43800	3
742861	<0.5	<1	13	0.6	36600	3

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Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742862	1.7	<1	35	2.3	38100	8
742863	<0.5	<1	16	1.4	31100	<2
742864	1.2	<1	22	1.9	55200	12
742865	1.7	<1	26	2.0	22200	3
742866	1.4	<1	29	1.9	38400	4
742867	<0.5	<1	17	1.0	23100	3
742868	0.8	<1	19	1.3	26000	3
742869	2.1	<1	28	1.8	33400	5
742870	<0.5	<1	16	1.2	47300	3
742871	2.9	<1	34	2.6	8700	7
742872	<0.5	<1	13	1.2	45700	2
742873	1.9	<1	19	1.8	42500	7
742874	<0.5	<1	11	0.8	33100	3
742875	0.9	<1	17	1.8	25000	3
742876	<0.5	<1	11	0.8	25500	<2
742877	0.8	<1	23	1.6	42100	4
742878	0.5	<1	11	0.9	29500	3
742879	0.8	<1	31	2.5	44300	4
742880	0.9	<1	19	1.2	25600	<2
742881	<0.5	<1	21	1.3	41600	2
742882	<0.5	<1	14	1.0	27100	2
742883	0.6	<1	18	1.5	10600	5
742884	1.4	<1	29	2.7	25000	4
742885	0.9	<1	17	0.9	31800	3
742886	2.6	<1	33	2.5	35400	8
742887	0.9	<1	25	1.9	23900	2
742888	0.7	<1	12	0.9	29800	3
742889	2.8	<1	35	3.1	37000	5
742890	1.6	<1	22	1.9	31100	3

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Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742891	0.5	<1	15	1.5	32800	4
742892	1.6	<1	29	2.1	46200	4
742893	1.4	<1	28	2.1	16600	4
742894	1.4	<1	19	1.4	11600	6
742895	2.1	<1	25	2.7	25600	6
742896	1.1	<1	21	1.7	11400	7
742897	2.7	<1	48	3.6	41800	8
742898	1.4	<1	19	1.1	14300	7
742899	4.2	<1	43	3.9	47600	9
742900	1.9	<1	26	2.2	27000	8
742901	2.9	<1	37	3.7	35800	11
742902	1.8	<1	45	2.9	27800	8
742903	0.8	<1	14	1.2	76600	6
742904	1.4	<1	20	1.3	48000	11
742905	0.8	<1	19	1.7	58400	4
742906	2.1	2	28	2.8	20400	8
742907	<0.5	<1	16	1.3	24900	4
742908	1.8	2	23	1.5	11100	8
742909	1.5	<1	23	2.0	36000	6
742910	1.2	<1	19	1.5	30900	5
742911	0.5	<1	12	0.7	53700	3
742912	1.1	2	21	1.8	52300	8
742913	1.0	1	27	1.9	30400	6
742914	0.6	<1	14	1.1	32600	10
742915	2.0	<1	30	1.9	27300	4
742916	1.2	<1	23	1.5	41500	8
742917	1.8	<1	19	1.2	37400	6
742918	0.7	<1	20	1.5	10100	4
742919	1.5	<1	29	2.4	39200	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (295-392)
 Number of Samples 98

ANALYSIS REPORT BBM22-19258

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742920	0.7	<1	14	1.0	32000	4
742921	<0.5	<1	15	1.5	70500	4
742922	2.5	<1	33	2.4	24600	5
742923	1.5	<1	23	1.5	22500	7
742924	1.9	<1	23	1.4	17800	8
742925	2.4	2	45	3.8	28900	8
742926	2.3	<1	26	2.4	38600	7
742927	0.9	2	17	0.8	15400	5
742928	2.4	2	45	3.2	49300	12
742929	2.3	1	38	3.0	18300	9
742930	2.3	2	42	2.6	29300	12
742931	1.9	<1	34	2.8	38300	7
742932	0.8	<1	24	1.3	47400	7
742933	<0.5	<1	20	1.2	39100	7
742934	<0.5	<1	20	1.4	41800	5
742935	0.5	2	18	1.9	45100	5
742936	1.5	1	33	3.0	19600	5
742937	1.4	<1	26	1.9	27900	5
742938	1.4	1	26	2.3	29800	7
742939	0.9	1	26	1.6	21300	5
742940	1.0	<1	24	1.8	18900	9
742941	0.8	<1	17	1.1	26200	4
742942	2.1	<1	22	2.2	24400	4
742943	0.9	<1	26	2.3	25500	5
*Rep 742897	2.7	<1	46	4.0	40500	7
*Std SRM26	51.2	1	199	10.7	400	57
*Rep 742930	2.3	1	36	2.6	26700	10
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 742940	2.1	2	25	2.1	18300	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (295-392)
 Number of Samples 98

ANALYSIS REPORT BBM22-19258

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std AMIS0841	508	11	6780	691	1300	862
*Rep 742863	<0.5	<1	14	1.2	30200	<2
*Rep 742878	<0.5	<1	11	0.8	31100	3
*Rep 742882	<0.5	<1	14	0.9	27900	<2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19259

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (393-490)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 04-Dec-2022
Number of Samples	98	Date Completed	04-Dec-2022
		SGS Order Number	BBM22-19259

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742944	0.07	6	4.5	40	<0.4	18600
742945	0.08	3	18.9	<30	<0.4	15600
742946	0.10	4	35.1	40	<0.4	25400
742947	0.09	6	16.1	<30	<0.4	14700
742948	0.12	5	9.4	40	<0.4	19900
742949	0.10	2	38.5	50	<0.4	52500
742950	0.10	3	8.0	<30	<0.4	24200
742951	0.12	2	98.3	<30	<0.4	750
742952	0.09	3	15.5	<30	<0.4	17800
742953	0.11	5	8.1	30	<0.4	22200
742954	0.09	7	13.4	<30	0.5	28300
742955	0.12	<1	110	40	<0.4	780
742956	0.08	5	9.5	<30	<0.4	25300
742957	0.11	4	47.0	50	<0.4	29100
742958	0.08	4	7.1	30	<0.4	34700
742959	0.12	3	126	70	<0.4	3560
742960	0.09	3	8.1	40	<0.4	42100
742961	0.14	<1	46.2	<30	<0.4	1140
742962	0.08	5	6.0	50	<0.4	33400
742963	0.10	7	4.6	<30	<0.4	46500
742964	0.10	2	23.4	<30	<0.4	24900
742965	0.14	2	50.2	60	<0.4	660
742966	0.09	6	5.2	40	<0.4	36000
742967	0.12	9	13.1	<30	<0.4	25700
742968	0.08	5	3.9	50	<0.4	26200
742969	0.12	<1	113	<30	<0.4	880
742970	0.06	8	12.6	50	<0.4	23200
742971	0.11	<1	126	40	<0.4	1710
742972	0.08	<1	186	<30	<0.4	2270

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Order Number
Submission Number
Samples (393-490)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
742973	0.12	<1	102	<30	<0.4	1150
742974	0.14	5	23.4	60	<0.4	59200
742975	0.09	11	3.8	40	<0.4	31900
742976	0.11	<1	74.0	<30	<0.4	1180
742977	0.12	1	67.4	30	0.4	660
742978	0.08	8	2.7	40	<0.4	34400
742979	0.12	3	9.2	<30	<0.4	42800
742980	0.10	<1	45.3	<30	<0.4	890
742981	0.13	3	12.6	40	<0.4	37200
742982	0.10	4	19.0	60	<0.4	18700
742983	0.11	<1	138	50	<0.4	1920
742984	0.07	3	18.0	60	<0.4	41100
742985	0.13	<1	139	<30	<0.4	2220
742986	0.12	<1	43.9	<30	<0.4	1090
742987	0.15	<1	38.6	40	<0.4	1430
742988	0.07	5	13.2	60	<0.4	36200
742989	0.11	4	9.6	<30	<0.4	32300
742990	0.07	9	23.1	60	0.8	49000
742991	0.08	1	20.0	60	<0.4	18400
742992	0.12	7	8.7	40	<0.4	22900
742993	0.07	4	7.2	<30	<0.4	34800
742994	0.11	4	7.5	<30	<0.4	41300
742995	0.08	8	10.3	<30	<0.4	20700
742996	0.09	7	7.3	<30	<0.4	65000
742997	0.08	1	80.8	<30	<0.4	1100
742998	0.13	<1	107	<30	<0.4	590
742999	0.08	7	13.1	<30	<0.4	51700
743000	0.07	4	26.5	<30	<0.4	41900
745051	0.11	4	20.2	<30	<0.4	16600

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Order Number
Submission Number
Samples (393-490)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745052	0.08	4	3.7	<30	<0.4	48200
745053	0.08	1	21.1	<30	<0.4	37800
745054	0.09	2	18.1	<30	0.5	9100
745055	0.09	3	26.6	<30	<0.4	13200
745056	0.07	2	19.1	<30	<0.4	10600
745057	0.08	3	8.0	<30	<0.4	42400
745058	0.07	6	14.4	<30	<0.4	21000
745059	0.08	7	7.9	<30	<0.4	48100
745060	0.09	4	20.1	<30	<0.4	21700
745061	0.08	6	14.5	<30	<0.4	31200
745062	0.12	1	26.9	<30	<0.4	62800
745063	0.09	7	26.4	<30	<0.4	26800
745064	0.10	<1	108	<30	<0.4	1620
745065	0.07	4	20.0	<30	<0.4	49100
745066	0.10	6	33.0	<30	0.4	99700
745067	0.08	6	14.2	<30	<0.4	40200
745068	0.07	4	10.2	<30	<0.4	45600
745069	0.09	5	13.5	<30	<0.4	24100
745070	0.07	3	7.2	<30	<0.4	15800
745071	0.10	3	2.3	<30	<0.4	18100
745072	0.08	2	4.3	<30	<0.4	20100
745073	0.10	<1	110	<30	<0.4	830
745074	0.10	2	5.3	<30	<0.4	38600
745075	0.11	4	10.7	30	<0.4	59700
745076	0.08	2	15.7	<30	<0.4	29100
745077	0.09	5	21.3	<30	<0.4	27500
745078	0.13	<1	104	<30	<0.4	940
745079	0.08	2	11.2	<30	<0.4	34900
745080	0.09	9	10.8	<30	<0.4	48800

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745081	0.07	7	16.9	<30	<0.4	42200
745082	0.08	7	17.0	<30	<0.4	25200
745083	0.05	4	15.1	<30	<0.4	88100
745084	0.07	2	24.8	<30	<0.4	17800
745085	0.07	3	34.9	<30	<0.4	32100
745086	0.06	<1	77.9	<30	<0.4	2330
745087	0.05	<1	78.1	<30	<0.4	1000
745088	0.08	6	6.7	<30	<0.4	22400
745089	0.07	<1	87.3	<30	<0.4	2600
745090	0.07	<1	127	<30	<0.4	2670
745091	0.08	<1	178	<30	<0.4	2120
*Blk BLANK	-	<1	<0.1	30	<0.4	<40
*Rep 742950	-	3	9.0	<30	<0.4	22500
*Rep 742972	-	<1	210	<30	<0.4	2610
*Rep 742992	-	5	11.1	40	<0.4	22000
*Std SRM26	-	18	79.2	50	8.4	660
*Rep 743000	-	4	27.8	<30	0.4	43300
*Rep 745062	-	2	26.9	30	<0.4	63700
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Std MMISRM24	-	24	51.6	<30	5.6	360
*Rep 745090	-	<1	131	<30	<0.4	2700

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
742944	3.1	1139	158	38	38	<100
742945	4.3	1368	50	35	35	<100

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742946	3.2	2918	275	60	60	<100
742947	2.0	1774	93	62	62	<100
742948	3.2	1802	205	42	42	<100
742949	1.9	2210	227	81	81	<100
742950	2.3	1319	214	58	58	<100
742951	2.0	1113	259	82	82	<100
742952	2.4	1578	138	78	78	<100
742953	0.8	1403	67	44	44	<100
742954	1.8	1236	114	41	41	<100
742955	0.9	1008	226	82	82	<100
742956	1.7	1083	129	30	30	<100
742957	1.2	2916	119	94	94	200
742958	1.0	1024	50	52	52	200
742959	1.0	1215	163	80	80	100
742960	0.9	2076	144	41	41	200
742961	1.0	1573	213	115	115	<100
742962	1.5	1714	188	38	38	200
742963	0.7	1734	98	49	49	200
742964	1.5	1627	95	75	75	200
742965	<0.5	1246	262	75	75	<100
742966	0.6	2087	157	58	58	100
742967	0.6	1871	71	37	37	200
742968	1.9	1671	53	52	52	200
742969	1.0	1497	233	87	87	<100
742970	3.3	1866	217	52	52	300
742971	1.3	1607	206	124	124	<100
742972	0.9	1633	218	90	90	<100
742973	0.6	1346	244	63	63	<100
742974	0.9	2762	168	144	144	200

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742975	1.9	1732	106	100	100	200
742976	0.7	1447	177	113	113	<100
742977	<0.5	1462	161	59	59	<100
742978	1.6	1042	92	21	21	300
742979	<0.5	2157	212	72	72	100
742980	<0.5	899	122	34	34	<100
742981	1.3	3407	153	44	44	200
742982	2.1	2728	96	42	42	300
742983	1.2	1477	317	130	130	<100
742984	0.6	2010	140	65	65	200
742985	1.9	1324	225	154	154	<100
742986	<0.5	771	81	45	45	<100
742987	<0.5	1167	118	53	53	<100
742988	0.6	1935	126	53	53	200
742989	0.8	2498	132	47	47	200
742990	0.9	2092	97	98	98	<100
742991	0.6	2040	87	85	85	100
742992	0.7	1556	66	33	33	200
742993	2.8	2064	227	48	48	200
742994	1.1	1951	145	33	33	100
742995	1.4	1485	65	42	42	100
742996	0.6	1935	177	31	31	100
742997	<0.5	1576	154	55	55	<100
742998	<0.5	1559	239	57	57	100
742999	<0.5	1808	170	53	53	200
743000	0.7	3075	186	151	151	200
745051	<0.5	1941	69	56	56	200
745052	<0.5	2111	75	31	31	100
745053	<0.5	2641	116	78	78	200

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Order Number
Submission Number
Samples (393-490)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19259

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745054	<0.5	2259	29	46	46	200
745055	0.6	2877	99	154	154	100
745056	<0.5	2037	39	118	118	200
745057	<0.5	1719	67	55	55	200
745058	<0.5	1611	81	62	62	200
745059	<0.5	2000	185	46	46	200
745060	<0.5	1392	96	86	86	300
745061	<0.5	2119	89	69	69	200
745062	0.8	2546	71	39	39	300
745063	<0.5	1901	116	62	62	200
745064	<0.5	1471	207	65	65	<100
745065	<0.5	4153	161	61	61	200
745066	<0.5	3537	169	49	49	300
745067	<0.5	1946	158	45	45	200
745068	<0.5	2203	74	46	46	100
745069	<0.5	1837	139	56	56	200
745070	<0.5	2070	48	52	52	100
745071	<0.5	1200	51	26	26	200
745072	<0.5	1320	46	33	33	200
745073	<0.5	1156	127	72	72	<100
745074	<0.5	2201	146	36	36	200
745075	<0.5	3015	66	42	42	200
745076	<0.5	1813	94	44	44	100
745077	<0.5	1443	118	56	56	200
745078	1.0	975	124	80	80	100
745079	<0.5	2130	201	58	58	100
745080	<0.5	2098	169	28	28	200
745081	<0.5	1822	114	52	52	200
745082	<0.5	1616	128	96	96	300

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745083	<0.5	2524	249	71	71	100
745084	<0.5	1536	194	82	82	200
745085	<0.5	2449	114	84	84	100
745086	<0.5	1459	539	69	69	<100
745087	<0.5	953	133	84	84	200
745088	<0.5	1704	116	40	40	200
745089	<0.5	1330	309	92	92	<100
745090	0.5	1433	487	107	107	100
745091	<0.5	1605	208	84	84	<100
*Blk BLANK	0.6	<2	<2	<2	<1	<100
*Rep 742950	1.9	1233	203	65	65	<100
*Rep 742972	0.9	1901	249	103	103	<100
*Rep 742992	<0.5	1348	60	44	44	100
*Std SRM26	1.7	138	12	803	67	<100
*Rep 743000	<0.5	3036	192	157	157	300
*Rep 745062	<0.5	2588	70	39	39	300
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Std MMISRM24	<0.5	125	8	110	27	<100
*Rep 745090	<0.5	1517	487	108	108	200

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
742944	2.3	1700	2.5	1.7	5.1	18
742945	54.7	920	2.3	1.5	4.2	21
742946	19.6	1700	5.5	2.1	7.1	44
742947	14.4	1480	6.1	3.2	5.0	28

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742948	7.8	1800	2.5	1.6	4.4	27
742949	16.6	1160	5.1	2.6	11.1	36
742950	8.0	1090	3.8	1.7	5.5	22
742951	89.5	1620	6.5	4.1	2.3	19
742952	64.9	1240	6.2	3.1	4.8	24
742953	34.4	1090	3.8	2.2	4.9	21
742954	60.8	1420	3.7	1.4	6.2	20
742955	12.8	1480	6.4	4.1	2.1	17
742956	30.6	1290	2.2	1.0	5.8	17
742957	25.1	1320	8.0	3.7	7.9	44
742958	9.0	1300	3.7	2.3	8.0	17
742959	43.0	1860	5.2	2.8	2.0	19
742960	13.7	1230	2.9	1.2	9.1	29
742961	3.1	1570	9.0	5.7	3.0	24
742962	15.6	1590	2.5	1.2	7.7	26
742963	3.9	1480	4.0	2.5	11.1	26
742964	32.2	1510	5.8	2.4	6.1	28
742965	2.7	2300	6.2	3.6	1.6	18
742966	3.2	1320	4.4	2.0	8.1	29
742967	43.2	1390	3.1	1.6	6.0	26
742968	6.0	1560	4.1	2.5	6.7	26
742969	4.7	1220	6.6	3.7	1.8	24
742970	18.0	1510	4.3	2.7	6.1	28
742971	9.6	1430	10.5	5.5	3.2	25
742972	8.4	1340	5.3	3.1	1.8	25
742973	5.4	1600	3.8	2.1	1.5	22
742974	26.9	1420	7.8	4.7	14.6	41
742975	5.7	2460	3.6	2.1	7.6	25
742976	2.8	1710	7.6	4.1	2.3	22

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
742977	5.8	1220	3.6	2.0	1.1	21
742978	12.6	1290	1.6	1.2	7.2	16
742979	9.3	1500	4.8	2.7	9.2	31
742980	8.9	1080	2.5	1.0	0.6	14
742981	30.9	1590	3.2	1.2	7.8	47
742982	153	2160	2.9	1.5	4.1	40
742983	8.7	1140	10.4	5.9	3.5	26
742984	53.4	1340	4.4	2.5	9.3	29
742985	22.7	1570	11.5	5.9	3.8	30
742986	8.9	800	2.8	1.8	0.8	11
742987	14.5	1000	3.5	1.7	1.0	18
742988	17.0	1550	4.4	1.9	8.4	31
742989	18.0	1580	3.3	1.6	7.2	37
742990	87.2	1940	8.3	4.4	6.3	27
742991	10.8	1000	8.2	4.1	5.7	36
742992	23.1	1440	2.5	1.5	2.5	18
742993	4.1	1570	2.9	2.2	7.8	31
742994	13.9	1040	2.9	0.9	8.6	29
742995	14.5	1520	3.5	1.8	4.6	23
742996	13.9	1430	1.9	1.5	10.7	28
742997	4.7	1030	4.6	1.9	1.9	24
742998	4.7	1660	4.7	2.5	1.2	25
742999	8.2	1480	3.5	1.5	9.1	28
743000	20.9	1500	13.1	6.8	11.6	45
745051	53.7	1090	4.6	2.3	4.6	28
745052	55.7	840	2.5	1.8	9.2	30
745053	76.5	1240	6.2	3.4	7.5	41
745054	7.4	680	3.6	1.1	2.4	36
745055	3.8	820	14.2	7.2	5.8	51

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745056	5.3	800	9.6	5.0	4.9	34
745057	6.5	1280	4.0	1.9	8.3	28
745058	125	1230	5.2	2.8	5.4	25
745059	15.9	1280	3.1	1.5	8.7	30
745060	58.1	1450	7.4	3.0	5.5	24
745061	99.5	1280	5.1	2.9	6.1	32
745062	14.8	1790	2.6	1.1	11.3	36
745063	33.0	1570	5.1	2.2	5.3	29
745064	15.9	1450	5.3	2.4	1.2	23
745065	80.7	1090	5.9	3.5	9.6	59
745066	118	1580	3.7	1.5	18.1	53
745067	16.4	1480	2.9	1.2	7.9	29
745068	35.8	1200	5.0	2.5	9.5	34
745069	15.9	1330	4.3	1.3	5.4	28
745070	2.9	830	3.9	1.9	3.8	32
745071	6.5	1760	2.0	0.7	4.5	19
745072	3.7	1310	2.8	1.6	4.0	22
745073	7.1	1510	5.7	2.6	1.6	20
745074	12.1	1530	2.4	0.8	7.7	31
745075	33.5	2660	3.6	2.0	12.6	47
745076	35.2	1760	4.2	1.8	6.3	28
745077	27.1	1410	4.5	1.9	5.2	25
745078	5.3	1610	6.8	2.9	1.8	18
745079	18.6	1140	4.5	2.5	7.2	34
745080	19.5	1810	1.4	0.7	9.1	33
745081	51.3	1510	3.5	1.7	8.1	30
745082	107	1750	8.2	3.7	5.8	26
745083	50.7	1930	4.5	2.7	15.8	39
745084	30.7	1060	6.3	2.8	4.8	27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745085	60.7	1800	6.9	3.7	7.3	37
745086	31.9	1130	6.0	2.8	1.5	23
745087	50.2	960	6.8	2.6	1.7	20
745088	73.3	1950	4.4	1.1	4.4	26
745089	57.9	770	7.3	4.3	2.4	22
745090	114	830	8.6	3.9	2.1	25
745091	32.2	1160	5.5	4.2	1.7	25
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.5	<1
*Rep 742950	8.0	1120	4.4	2.6	5.8	22
*Rep 742972	9.3	1530	8.3	4.5	2.1	29
*Rep 742992	23.4	1220	3.3	1.9	5.8	21
*Std SRM26	36.6	640	30.9	14.0	14.0	20
*Rep 743000	21.6	1560	13.0	5.3	11.1	48
*Rep 745062	14.6	1790	2.4	1.6	11.3	36
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Std MMISRM24	17.6	370	6.3	3.4	2.6	12
*Rep 745090	114	850	8.5	4.3	2.8	25

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
742944	8	3.7	<1	<0.1	245	16.2
742945	7	3.5	2	<0.1	162	15.3
742946	9	5.6	3	<0.1	290	28.2
742947	5	7.8	2	<0.1	201	26.9
742948	9	4.4	4	<0.1	271	19.7
742949	13	7.8	3	<0.1	217	37.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
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 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742950	9	6.1	1	<0.1	260	25.6
742951	5	11.1	<1	<0.1	235	32.9
742952	6	8.9	1	<0.1	287	33.3
742953	4	5.6	4	<0.1	384	19.3
742954	7	3.3	<1	<0.1	303	17.2
742955	8	9.1	<1	<0.1	219	32.3
742956	6	2.9	<1	<0.1	247	13.1
742957	7	10.3	3	<0.1	288	39.6
742958	6	5.7	2	<0.1	511	20.1
742959	6	7.7	3	<0.1	281	31.6
742960	6	5.0	2	<0.1	260	17.8
742961	3	12.3	<1	<0.1	266	43.0
742962	9	3.3	2	<0.1	443	17.9
742963	5	5.7	1	<0.1	215	19.7
742964	6	7.3	2	<0.1	294	35.6
742965	5	7.9	<1	<0.1	199	31.7
742966	10	5.2	<1	<0.1	299	25.1
742967	9	3.6	1	<0.1	324	14.4
742968	5	4.9	<1	<0.1	354	20.3
742969	4	8.3	1	<0.1	222	32.8
742970	9	6.4	<1	<0.1	666	22.5
742971	4	13.1	<1	<0.1	251	50.3
742972	4	9.9	1	<0.1	254	36.8
742973	6	5.7	1	<0.1	259	29.9
742974	9	11.3	4	<0.1	300	66.8
742975	7	7.7	<1	<0.1	352	44.0
742976	5	11.1	1	<0.1	258	48.1
742977	4	6.5	2	<0.1	168	22.8
742978	6	1.7	2	<0.1	393	9.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
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 Samples (393-490)
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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
742979	9	6.9	2	<0.1	293	33.5
742980	2	3.5	1	<0.1	196	16.6
742981	5	5.2	1	<0.1	653	21.5
742982	6	4.7	<1	<0.1	1311	17.6
742983	4	14.0	2	<0.1	194	56.8
742984	7	8.1	<1	<0.1	297	27.0
742985	6	17.7	4	<0.1	274	68.8
742986	2	4.5	<1	<0.1	139	17.6
742987	4	5.1	3	<0.1	153	20.7
742988	11	4.5	3	<0.1	459	23.8
742989	11	5.3	3	<0.1	373	20.2
742990	10	12.1	12	<0.1	388	44.8
742991	7	10.5	3	<0.1	279	38.6
742992	5	4.0	7	<0.1	292	14.3
742993	6	5.3	7	<0.1	315	27.1
742994	5	2.9	3	<0.1	209	17.9
742995	4	3.7	2	<0.1	310	21.1
742996	7	2.4	3	<0.1	238	16.3
742997	3	5.4	2	<0.1	201	23.4
742998	3	5.7	2	<0.1	174	27.0
742999	7	4.0	3	<0.1	320	25.5
743000	5	19.6	5	<0.1	289	69.9
745051	2	5.7	3	<0.1	169	25.4
745052	3	3.4	3	<0.1	363	15.6
745053	4	8.4	8	<0.1	288	38.1
745054	4	4.2	2	<0.1	209	20.9
745055	5	22.2	8	<0.1	256	67.3
745056	5	13.3	4	<0.1	247	53.2
745057	4	5.9	3	<0.1	313	25.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
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 Samples (393-490)
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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745058	5	6.1	6	<0.1	427	27.6
745059	6	4.5	7	<0.1	307	22.1
745060	4	8.8	4	<0.1	309	38.6
745061	4	6.4	5	<0.1	357	30.8
745062	3	3.6	<1	<0.1	901	21.9
745063	6	6.3	2	<0.1	281	30.1
745064	3	6.5	4	<0.1	270	28.2
745065	4	8.0	7	<0.1	762	28.8
745066	4	4.0	1	<0.1	965	27.9
745067	6	3.7	4	<0.1	436	22.2
745068	4	6.3	4	<0.1	237	23.0
745069	5	5.2	4	<0.1	378	29.6
745070	5	6.1	3	<0.1	304	24.9
745071	3	2.9	1	<0.1	186	10.6
745072	5	3.5	3	<0.1	386	16.2
745073	4	8.8	4	<0.1	262	30.6
745074	4	2.8	4	<0.1	276	17.4
745075	3	4.2	<1	<0.1	1338	21.6
745076	5	3.5	4	<0.1	318	19.6
745077	5	6.3	2	<0.1	280	28.1
745078	4	8.1	2	<0.1	233	33.9
745079	6	4.7	7	<0.1	407	28.0
745080	4	2.1	4	<0.1	279	12.9
745081	5	5.0	5	<0.1	387	24.4
745082	7	10.9	8	<0.1	471	46.9
745083	8	6.5	4	<0.1	334	38.5
745084	5	8.2	4	<0.1	423	42.7
745085	4	8.8	4	<0.1	261	40.7
745086	3	7.1	2	<0.1	156	31.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745087	3	7.5	2	<0.1	206	36.4
745088	4	3.6	4	<0.1	237	18.0
745089	3	9.9	1	<0.1	185	42.1
745090	3	10.6	1	<0.1	180	47.4
745091	3	8.3	2	<0.1	214	37.6
*Blk BLANK	<1	0.3	<1	<0.1	<1	<0.5
*Rep 742950	7	6.1	1	<0.1	271	27.9
*Rep 742972	6	9.9	1	<0.1	273	43.5
*Rep 742992	7	4.6	3	<0.1	299	18.6
*Std SRM26	12	61.0	9	<0.1	37	303
*Rep 743000	4	17.9	4	<0.1	305	72.8
*Rep 745062	4	3.4	1	<0.1	912	21.5
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std MMISRM24	7	10.2	6	<0.1	15	49.5
*Rep 745090	3	11.8	1	<0.1	182	49.6

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
742944	<10	161	211000	4	<0.5	18
742945	<10	109	187000	5	<0.5	19
742946	<10	274	221000	5	1.1	30
742947	<10	126	101000	3	<0.5	32
742948	<10	181	243000	7	0.9	19
742949	<10	161	362000	8	<0.5	39
742950	<10	148	217000	3	1.0	27
742951	<10	233	99000	2	<0.5	48

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742952	<10	216	174000	5	<0.5	39
742953	<10	198	145000	4	<0.5	25
742954	<10	182	187000	5	<0.5	18
742955	<10	275	145000	5	<0.5	41
742956	20	140	176000	2	<0.5	14
742957	<10	262	185000	5	<0.5	47
742958	<10	143	143000	3	<0.5	30
742959	<10	247	139000	3	<0.5	39
742960	<10	255	208000	5	<0.5	21
742961	<10	369	82900	3	<0.5	66
742962	<10	212	285000	5	<0.5	18
742963	<10	191	133000	2	<0.5	25
742964	10	260	178000	6	<0.5	36
742965	<10	231	182000	4	<0.5	40
742966	<10	196	325000	8	<0.5	26
742967	<10	166	258000	6	<0.5	19
742968	<10	166	132000	5	<0.5	30
742969	<10	242	64300	1	1.2	49
742970	<10	218	221000	6	1.4	27
742971	<10	250	64800	1	0.5	72
742972	<10	228	66000	1	<0.5	42
742973	<10	226	96100	3	<0.5	30
742974	20	224	191000	7	<0.5	66
742975	20	155	169000	3	0.6	44
742976	<10	327	87300	3	<0.5	54
742977	<10	337	99700	2	<0.5	33
742978	<10	126	156000	4	1.2	11
742979	<10	194	242000	7	<0.5	35
742980	<10	169	59500	2	<0.5	19

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
742981	<10	431	159000	5	<0.5	23
742982	<10	385	134000	4	<0.5	23
742983	<10	183	63700	<1	<0.5	72
742984	<10	336	196000	4	<0.5	33
742985	<10	167	75900	3	<0.5	77
742986	<10	83	38500	<1	<0.5	21
742987	<10	132	85300	4	<0.5	29
742988	<10	202	307000	9	<0.5	28
742989	<10	294	272000	8	<0.5	23
742990	<10	198	124000	5	<0.5	54
742991	<10	210	172000	8	<0.5	46
742992	<10	153	178000	3	<0.5	18
742993	<10	164	287000	3	3.2	25
742994	<10	193	214000	3	2.1	18
742995	<10	153	180000	<1	1.4	23
742996	<10	219	286000	5	0.9	16
742997	<10	282	97800	1	0.8	33
742998	<10	240	136000	1	1.7	31
742999	10	227	332000	4	<0.5	24
743000	<10	150	135000	<1	0.6	80
745051	<10	176	83700	<1	<0.5	32
745052	<10	191	137000	<1	<0.5	17
745053	<10	213	125000	1	<0.5	44
745054	<10	191	179000	3	<0.5	22
745055	<10	204	101000	4	<0.5	95
745056	<10	206	191000	5	<0.5	59
745057	10	230	192000	2	<0.5	27
745058	<10	199	181000	5	<0.5	37
745059	<10	148	227000	2	<0.5	24

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745060	10	194	116000	<1	<0.5	47
745061	<10	201	166000	<1	<0.5	35
745062	<10	348	117000	2	<0.5	18
745063	<10	210	221000	3	<0.5	31
745064	<10	242	91800	2	<0.5	33
745065	<10	366	142000	3	<0.5	37
745066	<10	434	169000	2	<0.5	23
745067	20	226	287000	3	<0.5	22
745068	<10	198	148000	<1	0.6	24
745069	20	183	203000	3	1.3	27
745070	10	207	171000	2	<0.5	28
745071	<10	111	130000	2	<0.5	15
745072	10	159	208000	1	<0.5	17
745073	<10	207	91000	<1	<0.5	44
745074	<10	167	183000	2	<0.5	17
745075	10	404	107000	<1	<0.5	21
745076	<10	154	200000	<1	<0.5	22
745077	<10	168	249000	2	<0.5	28
745078	<10	154	60800	<1	<0.5	40
745079	10	214	286000	3	<0.5	30
745080	<10	214	281000	3	<0.5	13
745081	<10	139	193000	2	<0.5	27
745082	20	229	242000	3	<0.5	52
745083	<10	258	332000	6	<0.5	33
745084	20	242	304000	3	<0.5	40
745085	10	331	179000	4	<0.5	40
745086	<10	202	118000	1	<0.5	38
745087	<10	180	61200	1	<0.5	44
745088	<10	154	167000	<1	<0.5	21

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745089	<10	167	85500	<1	<0.5	54
745090	<10	219	93800	1	<0.5	56
745091	<10	186	65700	<1	<0.5	41
*Blk BLANK	<10	<1	<10	<1	<0.5	<1
*Rep 742950	<10	150	212000	6	<0.5	30
*Rep 742972	<10	261	74800	<1	<0.5	56
*Rep 742992	<10	148	180000	5	<0.5	24
*Std SRM26	<10	31	850	58	<0.5	328
*Rep 743000	<10	159	142000	2	<0.5	84
*Rep 745062	<10	346	119000	2	<0.5	18
*Blk BLANK	<10	<1	10	<1	<0.5	<1
*Std MMISRM24	<10	21	570	37	<0.5	52
*Rep 745090	<10	225	97600	1	<0.5	59

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742944	520	83.5	130	<1	5.7	<0.2
742945	300	49.3	100	<1	5.0	0.2
742946	780	76.9	490	<1	7.9	0.2
742947	310	70.1	500	<1	8.2	<0.2
742948	370	60.1	360	<1	5.5	0.2
742949	570	70.1	660	2	10.7	0.3
742950	380	77.0	230	1	6.8	<0.2
742951	620	71.8	320	<1	11.8	<0.2
742952	270	88.3	200	<1	9.2	<0.2
742953	210	103	140	<1	5.6	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
742954	400	81.5	120	<1	4.6	<0.2
742955	520	71.3	270	<1	10.5	<0.2
742956	310	66.8	70	<1	3.4	<0.2
742957	790	81.1	790	1	11.8	<0.2
742958	340	109	110	<1	7.3	<0.2
742959	440	74.7	250	<1	10.0	<0.2
742960	440	77.1	120	1	5.6	<0.2
742961	1160	80.9	430	<1	14.6	<0.2
742962	260	76.9	80	<1	4.3	<0.2
742963	760	64.5	130	<1	6.7	<0.2
742964	470	69.2	490	<1	9.2	<0.2
742965	730	53.7	320	<1	9.6	<0.2
742966	530	75.3	140	<1	7.0	0.3
742967	250	87.9	130	<1	4.1	<0.2
742968	230	85.9	170	<1	6.9	<0.2
742969	430	80.0	400	2	11.8	<0.2
742970	400	162	220	1	6.3	<0.2
742971	620	90.8	590	<1	16.5	<0.2
742972	670	96.4	400	<1	11.6	0.2
742973	290	97.2	230	<1	8.3	<0.2
742974	510	71.0	1180	<1	16.0	<0.2
742975	270	79.7	430	2	12.1	<0.2
742976	1250	86.7	450	2	13.9	<0.2
742977	370	52.7	300	<1	7.6	<0.2
742978	130	59.1	80	<1	2.5	<0.2
742979	370	74.8	650	<1	8.6	<0.2
742980	180	54.6	110	2	4.6	<0.2
742981	420	70.1	480	1	5.4	<0.2
742982	360	128	310	<1	5.0	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
742983	300	61.1	1020	<1	17.4	<0.2
742984	430	78.6	230	2	7.9	<0.2
742985	390	107	2140	<1	19.4	<0.2
742986	150	38.5	550	<1	5.2	<0.2
742987	190	39.8	480	1	6.8	<0.2
742988	360	95.9	170	<1	6.3	<0.2
742989	410	56.7	280	<1	5.8	<0.2
742990	380	118	940	<1	12.8	0.2
742991	390	62.5	720	<1	10.7	<0.2
742992	220	68.4	140	<1	4.1	<0.2
742993	260	62.8	230	<1	7.7	0.7
742994	290	54.4	270	<1	5.3	<0.2
742995	260	77.6	130	<1	6.5	<0.2
742996	340	75.3	110	<1	4.5	0.3
742997	290	63.2	230	<1	7.7	0.4
742998	430	62.4	260	1	8.0	0.2
742999	440	84.1	110	<1	6.6	0.5
743000	790	82.7	2120	1	19.4	0.3
745051	350	43.5	380	<1	7.4	<0.2
745052	230	66.1	150	<1	3.7	<0.2
745053	460	73.0	800	<1	10.5	<0.2
745054	170	40.2	310	<1	5.2	<0.2
745055	410	78.3	1700	<1	20.6	0.2
745056	230	66.4	460	<1	14.8	<0.2
745057	230	56.1	170	<1	6.9	0.2
745058	300	143	210	<1	8.5	0.3
745059	210	98.1	270	1	5.7	<0.2
745060	310	74.6	390	<1	11.4	0.2
745061	540	83.7	490	<1	8.4	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745062	580	46.9	310	<1	4.7	<0.2
745063	480	63.6	510	<1	7.5	<0.2
745064	470	69.8	1040	<1	8.4	<0.2
745065	410	172	1200	<1	8.0	<0.2
745066	580	67.3	450	<1	5.7	0.3
745067	540	75.0	340	<1	4.9	<0.2
745068	420	55.1	460	<1	7.5	0.6
745069	420	54.0	290	<1	6.6	0.4
745070	240	49.1	500	<1	6.5	0.3
745071	220	37.4	150	<1	3.6	<0.2
745072	150	41.2	220	<1	3.8	0.3
745073	760	89.3	1130	<1	9.4	<0.2
745074	320	67.5	340	<1	4.1	<0.2
745075	480	55.4	520	<1	4.9	<0.2
745076	250	90.7	190	<1	5.7	<0.2
745077	390	56.6	350	1	6.3	<0.2
745078	330	63.6	840	<1	10.0	<0.2
745079	260	70.9	330	<1	6.8	<0.2
745080	310	51.9	190	<1	3.1	0.2
745081	230	88.8	580	<1	6.8	0.3
745082	260	88.9	370	<1	11.9	<0.2
745083	600	95.3	240	<1	7.9	<0.2
745084	460	63.0	400	<1	9.7	<0.2
745085	700	59.8	620	<1	10.0	<0.2
745086	220	44.8	300	<1	8.9	<0.2
745087	200	65.2	390	<1	9.9	<0.2
745088	320	48.3	150	1	5.2	<0.2
745089	220	59.2	350	2	11.9	0.2
745090	230	53.2	400	2	13.4	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745091	310	64.1	640	<1	10.0	<0.2
*Blk BLANK	<10	<0.5	<40	<1	0.9	<0.2
*Rep 742950	410	89.0	260	<1	7.4	0.4
*Rep 742972	760	112	460	1	14.0	<0.2
*Rep 742992	220	71.3	170	<1	5.4	0.2
*Std SRM26	210	1.9	1490	6	85.2	3.9
*Rep 743000	820	86.8	2170	1	19.6	<0.2
*Rep 745062	610	47.9	320	<1	4.4	<0.2
*Blk BLANK	20	<0.5	<40	<1	<0.5	<0.2
*Std MMISRM24	210	1.8	460	8	13.8	4.3
*Rep 745090	230	52.9	410	<1	13.4	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742944	183	2	<5	4	<10	5260
742945	639	2	<5	5	<10	3320
742946	958	<1	8	7	<10	11000
742947	639	<1	5	8	<10	6340
742948	1220	<1	<5	5	<10	7530
742949	1350	<1	<5	9	<10	9680
742950	1030	<1	<5	6	<10	3970
742951	1150	<1	<5	9	<10	1480
742952	1500	<1	<5	9	<10	3950
742953	2170	<1	<5	7	<10	4970
742954	2340	<1	<5	4	<10	7240
742955	1050	<1	<5	8	<10	2160

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742956	1520	<1	<5	3	<10	6600
742957	1080	<1	5	9	<10	8310
742958	1970	<1	9	6	<10	7940
742959	2020	<1	<5	9	<10	2920
742960	1200	<1	<5	5	<10	8700
742961	341	<1	<5	12	<10	2840
742962	2180	<1	5	3	<10	7000
742963	391	<1	<5	6	<10	8970
742964	1940	<1	10	7	<10	7280
742965	402	<1	<5	8	<10	1390
742966	451	<1	<5	6	<10	12200
742967	2450	<1	5	5	<10	6410
742968	569	<1	<5	6	<10	10900
742969	588	<1	<5	10	<10	2500
742970	2750	2	17	7	<10	6590
742971	758	<1	9	14	<10	3830
742972	821	<1	5	11	<10	4530
742973	713	<1	<5	7	<10	2170
742974	1360	<1	14	13	<10	15500
742975	1410	1	7	10	<10	6780
742976	218	<1	<5	11	<10	2120
742977	600	<1	<5	5	<10	2220
742978	1830	<1	6	2	<10	5970
742979	861	<1	<5	8	<10	13500
742980	953	<1	<5	4	<10	1660
742981	2820	<1	<5	5	<10	18400
742982	6000	<1	8	4	<10	9110
742983	644	<1	6	14	<10	2980
742984	1240	<1	9	7	<10	7640

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742985	1020	<1	19	16	<10	2480
742986	619	<1	<5	4	<10	1920
742987	1080	<1	<5	6	<10	2360
742988	3090	<1	<5	5	<10	5720
742989	2090	<1	<5	4	<10	7480
742990	2100	5	15	11	<10	8630
742991	944	2	7	9	<10	5100
742992	1960	1	8	4	<10	5540
742993	660	10	12	6	<10	9170
742994	610	5	9	3	<10	9850
742995	1410	6	13	5	<10	5770
742996	1040	6	11	3	<10	8700
742997	634	2	6	5	<10	2800
742998	479	3	<5	6	<10	1940
742999	1490	3	10	6	<10	9780
743000	1210	3	24	17	<10	12200
745051	761	3	8	6	<10	5820
745052	3090	1	9	4	<10	12200
745053	1430	3	16	9	<10	8410
745054	555	2	10	4	<10	1790
745055	468	2	16	20	<10	6350
745056	634	3	11	12	<10	2530
745057	1060	2	12	5	<10	8240
745058	2420	2	15	8	<10	5770
745059	1580	2	13	4	<10	6970
745060	1600	3	18	8	<10	3800
745061	2410	2	9	8	<10	6770
745062	2030	3	12	4	<10	15200
745063	1750	2	11	7	<10	8560

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745064	1340	<1	7	7	<10	2850
745065	4780	1	15	9	<10	18600
745066	4320	<1	10	6	<10	20800
745067	2250	2	14	5	<10	7530
745068	1610	2	12	7	<10	8920
745069	1230	3	15	5	<10	6650
745070	527	3	11	7	<10	6970
745071	390	2	12	3	<10	4220
745072	718	2	11	3	<10	4300
745073	1110	<1	10	8	<10	1050
745074	1490	3	10	4	<10	7730
745075	2720	<1	12	4	<10	14400
745076	1310	10	10	5	<10	6960
745077	975	1	10	6	<10	6390
745078	830	2	7	9	<10	1680
745079	2430	<1	15	6	<10	7270
745080	2070	<1	12	3	<10	10800
745081	2830	<1	12	5	<10	7500
745082	2690	3	20	11	<10	6310
745083	1600	1	12	6	<10	16400
745084	2000	2	15	10	<10	6660
745085	1260	1	16	9	<10	9300
745086	557	<1	9	6	<10	2370
745087	947	1	14	8	<10	2050
745088	1460	<1	12	4	<10	4680
745089	832	<1	9	10	<10	2940
745090	957	<1	14	11	<10	2080
745091	1030	<1	10	8	<10	3840
*Blk BLANK	<1	<1	<5	<1	<10	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 742950	1080	<1	<5	6	<10	3720
*Rep 742972	900	<1	10	11	<10	5270
*Rep 742992	1690	1	7	4	<10	4800
*Std SRM26	296	<1	41	62	<10	3180
*Rep 743000	1280	4	18	18	<10	13000
*Rep 745062	2020	2	11	5	<10	15200
*Blk BLANK	2	<1	<5	<1	<10	<10
*Std MMISRM24	177	<1	24	8	<10	3110
*Rep 745090	944	<1	14	9	<10	2100

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742944	<2	0.5	10	3.4	300	0.5
742945	<2	0.5	<10	4.4	200	2.5
742946	<2	1.0	<10	4.5	300	4.4
742947	<2	1.1	<10	5.7	200	3.2
742948	<2	0.4	<10	1.8	200	1.7
742949	<2	1.0	<10	3.7	200	3.5
742950	<2	0.7	<10	1.8	300	0.8
742951	<2	1.3	<10	4.2	200	1.9
742952	<2	1.0	<10	6.6	300	3.8
742953	<2	0.8	<10	1.4	300	3.6
742954	<2	0.6	<10	0.9	300	2.7
742955	<2	1.2	<10	4.2	200	1.1
742956	<2	0.3	<10	<0.5	200	1.1
742957	<2	1.5	<10	7.6	300	6.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
742958	<2	0.6	<10	0.7	400	0.8
742959	<2	1.0	<10	4.2	200	2.4
742960	<2	0.5	<10	<0.5	300	1.1
742961	<2	1.6	<10	6.7	300	0.2
742962	<2	0.5	<10	<0.5	300	2.8
742963	<2	0.7	<10	0.7	200	<0.1
742964	<2	0.7	<10	2.4	300	7.5
742965	<2	0.9	<10	5.8	200	0.4
742966	<2	0.9	<10	0.8	300	0.3
742967	<2	0.4	<10	<0.5	300	5.2
742968	<2	1.0	<10	1.3	300	0.7
742969	<2	1.6	<10	8.5	300	1.1
742970	<2	0.9	<10	1.8	600	3.0
742971	<2	1.7	<10	7.5	300	1.0
742972	<2	0.9	<10	2.0	300	1.8
742973	<2	0.9	<10	1.3	300	0.6
742974	<2	1.5	<10	11.0	300	2.9
742975	<2	1.0	<10	0.9	300	0.2
742976	<2	1.4	<10	4.2	300	0.7
742977	<2	0.7	<10	0.6	200	0.7
742978	<2	0.4	<10	<0.5	200	1.9
742979	<2	1.0	<10	1.1	200	0.4
742980	<2	0.4	<10	<0.5	200	0.7
742981	<2	0.4	<10	<0.5	200	4.1
742982	<2	0.8	<10	0.6	400	12.5
742983	<2	1.9	<10	9.9	200	1.4
742984	<2	0.8	<10	2.0	300	6.7
742985	<2	2.4	<10	9.6	400	2.9
742986	<2	0.4	<10	<0.5	100	0.8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19259

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742987	<2	0.6	<10	2.2	100	2.2
742988	<2	0.6	<10	1.5	400	1.9
742989	<2	0.3	<10	<0.5	200	2.9
742990	<2	1.7	20	8.8	300	4.1
742991	<2	1.2	<10	5.2	300	3.7
742992	<2	0.6	<10	1.5	400	3.9
742993	<2	1.1	<10	6.1	200	0.2
742994	<2	0.8	<10	2.5	100	2.0
742995	<2	0.8	<10	1.5	200	1.7
742996	<2	0.6	<10	1.4	200	2.0
742997	<2	0.9	<10	2.3	100	0.7
742998	<2	0.8	<10	1.8	100	1.7
742999	<2	0.7	<10	1.5	200	1.1
743000	<2	2.7	<10	9.7	300	2.9
745051	<2	1.3	<10	2.3	100	3.2
745052	<2	0.4	<10	<0.5	200	2.8
745053	<2	1.2	<10	3.4	200	5.3
745054	<2	0.6	<10	0.9	200	0.3
745055	<2	2.9	<10	14.1	300	0.5
745056	<2	1.6	<10	8.8	200	0.5
745057	<2	0.6	<10	1.4	200	1.8
745058	<2	0.9	<10	2.6	400	2.1
745059	<2	0.6	<10	<0.5	300	0.6
745060	<2	1.0	<10	5.6	300	4.7
745061	<2	1.2	<10	1.8	200	3.9
745062	<2	0.3	<10	<0.5	100	2.4
745063	<2	0.7	<10	0.8	200	3.1
745064	<2	0.6	<10	0.7	200	2.2
745065	<2	1.1	<10	1.3	500	2.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745066	<2	0.5	<10	<0.5	200	11.6
745067	<2	0.4	<10	<0.5	200	1.9
745068	<2	0.9	<10	1.8	200	5.1
745069	<2	1.0	<10	1.1	200	1.9
745070	<2	0.9	<10	1.8	200	1.6
745071	<2	0.5	<10	<0.5	<100	0.2
745072	<2	0.5	<10	<0.5	100	0.5
745073	<2	0.8	<10	1.8	200	0.7
745074	<2	0.5	<10	<0.5	200	0.6
745075	<2	0.6	<10	<0.5	100	3.5
745076	<2	0.5	<10	2.1	200	0.6
745077	<2	0.7	<10	2.1	100	3.7
745078	<2	1.1	<10	3.9	200	0.9
745079	<2	0.8	<10	1.5	200	1.8
745080	<2	0.3	<10	<0.5	100	1.5
745081	<2	0.6	<10	0.6	200	1.8
745082	<2	1.4	<10	6.2	300	2.9
745083	<2	0.6	<10	<0.5	200	2.6
745084	<2	1.1	<10	3.9	200	4.9
745085	<2	1.0	<10	4.6	200	7.1
745086	<2	1.0	<10	4.6	<100	4.4
745087	<2	1.2	<10	5.3	200	3.4
745088	<2	0.5	<10	<0.5	<100	3.8
745089	<2	1.1	<10	6.2	100	4.0
745090	<2	1.7	<10	6.7	100	5.4
745091	<2	1.0	<10	3.3	100	4.6
*Blk BLANK	<2	<0.1	10	<0.5	<100	<0.1
*Rep 742950	<2	1.0	<10	2.9	300	0.8
*Rep 742972	<2	1.2	<10	2.7	400	2.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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Samples (393-490)
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ANALYSIS REPORT BBM22-19259

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 742992	<2	0.5	<10	0.6	200	4.3
*Std SRM26	<2	6.9	<10	47.7	200	1.6
*Rep 743000	<2	2.6	<10	10.6	300	2.5
*Rep 745062	<2	0.3	<10	<0.5	100	2.5
*Blk BLANK	<2	<0.1	<10	<0.5	<100	<0.1
*Std MMISRM24	<2	1.0	<10	25.3	<100	0.3
*Rep 745090	<2	1.5	<10	6.9	100	5.2

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
742944	0.7	<1	14	1.3	36300	4
742945	1.2	<1	14	1.4	34000	5
742946	1.8	<1	24	2.1	54000	10
742947	2.1	1	29	2.3	28700	7
742948	0.6	<1	14	0.9	34600	4
742949	2.3	2	33	2.5	40300	7
742950	1.1	<1	21	1.6	36900	6
742951	3.1	<1	40	3.5	39900	7
742952	2.3	<1	35	2.2	35800	8
742953	0.9	<1	22	1.4	25300	5
742954	1.0	<1	16	1.3	24300	5
742955	2.5	<1	35	2.6	28000	6
742956	0.7	<1	11	1.2	29600	2
742957	3.4	<1	42	3.0	56600	11
742958	1.0	<1	24	1.8	12400	6
742959	2.3	2	33	2.8	25600	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (393-490)
Number of Samples

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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742960	<0.5	<1	16	1.3	36800	3
742961	3.3	<1	49	4.2	35800	5
742962	<0.5	<1	14	1.5	27500	6
742963	0.5	<1	22	1.8	40100	3
742964	2.2	<1	28	2.1	40200	8
742965	2.4	<1	31	2.3	28700	3
742966	0.5	<1	22	1.5	37900	3
742967	0.6	<1	14	1.3	32500	3
742968	0.8	<1	25	1.6	29200	5
742969	3.6	<1	38	2.7	37000	6
742970	1.4	1	22	1.8	39700	7
742971	3.9	<1	53	4.4	31600	8
742972	2.7	<1	35	2.7	36800	5
742973	2.5	1	26	2.3	37200	6
742974	3.8	1	43	2.9	41800	15
742975	0.6	2	24	2.1	46000	5
742976	3.1	1	42	3.5	33700	7
742977	1.8	<1	22	1.6	29600	3
742978	<0.5	<1	10	0.5	24200	3
742979	1.2	<1	28	2.1	33900	4
742980	0.9	<1	12	0.8	15400	<2
742981	<0.5	<1	19	1.4	90900	2
742982	0.7	<1	20	1.9	90300	5
742983	4.3	1	54	4.8	40000	9
742984	1.5	<1	26	2.2	51100	6
742985	6.4	1	64	5.5	32100	14
742986	1.7	<1	17	1.0	7100	2
742987	1.6	<1	23	1.5	15200	3
742988	0.5	<1	24	1.4	28900	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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Samples (393-490)
Number of Samples

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CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
742989	0.5	<1	18	1.6	44100	5
742990	3.4	<1	44	3.7	32000	13
742991	3.0	<1	40	2.6	32300	14
742992	0.7	<1	15	1.2	23000	5
742993	0.7	<1	20	1.6	34400	7
742994	<0.5	<1	11	0.9	34400	3
742995	0.8	<1	17	1.4	20500	3
742996	<0.5	<1	12	1.2	34000	4
742997	1.8	<1	23	1.6	26000	2
742998	2.2	<1	24	2.0	35000	4
742999	0.7	<1	19	1.5	26300	5
743000	3.5	<1	64	5.1	28300	10
745051	1.2	<1	25	2.6	31700	4
745052	<0.5	<1	14	1.2	26500	3
745053	2.6	<1	36	2.8	36100	223
745054	0.7	<1	19	1.1	34000	8
745055	5.2	2	80	7.2	36900	17
745056	2.9	<1	49	3.4	35500	9
745057	0.8	<1	24	2.0	44000	8
745058	1.8	<1	29	2.3	25800	6
745059	0.6	<1	18	1.3	32700	5
745060	2.6	<1	37	3.5	30600	9
745061	1.4	<1	27	2.3	30400	5
745062	0.6	<1	15	0.9	90000	3
745063	1.3	<1	23	1.8	39100	4
745064	1.9	<1	27	2.1	25800	4
745065	0.9	<1	34	2.2	72000	5
745066	<0.5	<1	20	1.2	91700	3
745067	<0.5	<1	17	1.5	34500	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (393-490)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19259

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745068	0.6	<1	22	1.8	28600	4
745069	0.7	<1	21	1.8	31500	9
745070	0.7	<1	24	2.0	36600	6
745071	<0.5	<1	12	0.9	22800	3
745072	<0.5	<1	14	1.1	27900	5
745073	2.4	1	30	2.3	15400	6
745074	<0.5	<1	14	0.8	52400	<2
745075	<0.5	1	19	1.6	91900	4
745076	1.1	<1	19	2.0	30400	7
745077	1.8	<1	23	1.7	44600	7
745078	2.0	<1	34	2.9	15700	5
745079	1.0	<1	25	1.6	35600	8
745080	<0.5	<1	12	0.8	37800	3
745081	1.3	<1	22	1.6	38400	5
745082	2.3	<1	41	3.4	39800	14
745083	0.7	<1	24	1.3	50500	6
745084	2.1	<1	36	2.5	48600	17
745085	2.4	<1	35	2.5	51800	7
745086	3.2	12	30	2.6	44900	5
745087	2.1	<1	37	2.2	31500	8
745088	<0.5	<1	18	1.0	21400	5
745089	3.0	<1	43	2.5	28400	7
745090	2.9	<1	47	3.6	40500	8
745091	3.6	<1	39	3.2	30900	6
*Blk BLANK	<0.5	<1	<1	0.4	<100	<2
*Rep 742950	1.6	<1	24	1.6	37000	7
*Rep 742972	3.4	<1	41	3.5	42600	7
*Rep 742992	0.9	<1	20	1.7	21300	6
*Std SRM26	50.5	1	179	8.7	400	61

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (393-490)
 Number of Samples 98

ANALYSIS REPORT BBM22-19259

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 743000	3.4	<1	69	5.0	29900	10
*Rep 745062	<0.5	<1	15	1.2	91200	4
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std MMISRM24	16.7	<1	40	2.1	300	42
*Rep 745090	2.8	<1	47	3.8	41700	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19260

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (491-588)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 22-Dec-2022
Number of Samples	98	Date Completed	22-Dec-2022
		SGS Order Number	BBM22-19260

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (491-588)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745092	0.06	2	20.0	<30	<0.4	56200
745093	0.06	6	27.9	70	0.5	63300
745094	0.09	9	33.6	80	<0.4	65500
745095	0.07	<1	115	<30	<0.4	4670
745096	0.10	<1	206	90	<0.4	3070
745097	0.07	<1	176	<30	<0.4	2010
745098	0.06	2	16.5	110	<0.4	29900
745099	0.07	6	19.4	80	<0.4	28800
745100	0.09	5	10.5	50	<0.4	37600
745601	0.11	2	47.2	120	<0.4	63400
745602	0.08	3	17.6	90	<0.4	29100
745603	0.09	4	13.6	60	<0.4	61500
745604	0.10	4	29.2	100	<0.4	33200
745605	0.10	2	19.6	100	<0.4	39300
745606	0.11	14	26.2	40	<0.4	58700
745607	0.12	3	20.4	110	<0.4	44700
745608	0.11	4	22.6	50	0.4	31100
745609	0.10	2	16.5	70	<0.4	18100
745610	0.10	4	29.0	50	<0.4	35700
745611	0.08	5	7.7	40	<0.4	49100
745612	0.08	5	5.2	60	<0.4	19900
745613	0.08	8	10.4	60	<0.4	36100
745614	0.08	3	6.0	80	<0.4	29300
745615	0.09	6	9.6	70	<0.4	18400
745616	0.11	3	35.5	100	<0.4	42900
745617	0.10	7	14.5	90	<0.4	29300
745618	0.09	3	6.2	90	<0.4	28100
745619	0.09	6	6.1	120	<0.4	28600
745620	0.10	6	9.6	110	<0.4	200000

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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745621	0.09	7	21.8	80	<0.4	26000
745622	0.11	6	8.2	120	<0.4	46500
745623	0.09	8	24.8	80	<0.4	91900
745624	0.09	5	21.0	120	<0.4	124000
745625	0.09	4	23.1	170	<0.4	130000
745626	0.12	5	7.8	80	<0.4	124000
745627	0.08	8	8.1	50	<0.4	138000
745628	0.10	3	13.7	40	<0.4	131000
745629	0.10	6	12.3	<30	<0.4	58800
745630	0.09	5	11.4	90	<0.4	195000
745631	0.09	1	98.2	<30	<0.4	4600
745632	0.12	5	3.0	<30	<0.4	69400
745633	0.07	3	5.1	140	<0.4	62700
745634	0.07	4	6.0	170	<0.4	21900
745635	0.09	2	31.5	110	<0.4	79300
745636	0.10	9	2.7	60	<0.4	180000
745637	0.08	5	9.8	90	<0.4	48700
745638	0.08	10	28.5	<30	<0.4	47900
745639	0.08	6	14.3	150	<0.4	50800
745640	0.11	3	6.0	80	<0.4	76200
745641	0.12	7	6.2	40	0.4	54300
745642	0.11	7	10.1	<30	<0.4	40100
745643	0.13	2	2.2	<30	<0.4	18500
745644	0.10	2	9.4	50	0.4	24900
745645	0.09	3	10.3	<30	0.5	23800
745646	0.10	9	10.9	<30	0.4	36900
745647	0.08	8	7.2	<30	<0.4	19800
745648	0.08	3	5.2	50	<0.4	49300
745649	0.08	5	8.7	<30	<0.4	59300

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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745650	0.10	2	157	<30	<0.4	2180
745651	0.11	3	137	60	<0.4	2760
745652	0.06	3	28.3	30	<0.4	82300
745653	0.12	5	13.2	40	<0.4	31000
745654	0.09	5	14.5	<30	<0.4	43700
745655	0.11	5	12.8	50	<0.4	45000
745656	0.08	5	14.9	<30	<0.4	61500
745657	0.09	6	11.1	<30	<0.4	22200
745658	0.08	5	11.2	<30	<0.4	16800
745659	0.09	3	12.4	<30	<0.4	31600
745660	0.08	9	7.0	50	<0.4	50600
745661	0.10	5	12.4	<30	<0.4	54900
745662	0.09	5	20.1	40	<0.4	52500
745663	0.09	4	20.4	<30	<0.4	53800
745664	0.08	1	13.5	<30	<0.4	28700
745665	0.10	5	16.3	30	<0.4	48100
745666	0.08	7	24.0	<30	<0.4	39600
745667	0.10	5	17.0	40	<0.4	38700
745668	0.08	4	29.5	100	<0.4	34100
745669	0.09	9	26.0	40	<0.4	51500
745670	0.09	5	11.5	<30	<0.4	28100
745671	0.08	3	29.1	<30	<0.4	38300
745672	0.08	4	14.2	30	<0.4	32400
745673	0.10	7	16.1	50	<0.4	54100
745674	0.08	4	12.5	40	<0.4	40700
745675	0.10	6	12.7	<30	<0.4	45300
745676	0.08	10	9.1	40	<0.4	61100
745677	0.14	13	8.4	<30	<0.4	29100
745678	0.10	5	8.0	<30	<0.4	13600

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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745679	0.12	3	9.6	<30	<0.4	19200
745680	0.06	3	12.4	50	<0.4	53600
745681	0.11	6	16.1	50	<0.4	31800
745682	0.09	9	15.0	<30	<0.4	24600
745683	0.08	2	11.1	30	<0.4	38500
745684	0.08	5	27.8	<30	<0.4	30100
745685	0.07	5	27.4	30	<0.4	68300
745686	0.10	4	27.7	<30	<0.4	37500
745687	0.08	4	16.1	50	<0.4	36100
745688	0.09	<1	22.8	60	<0.4	58300
745689	0.08	3	7.8	60	<0.4	14700
*Rep 745651	-	2	134	<30	0.5	2950
*Bik BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 745680	-	3	13.0	<30	<0.4	53600
*Std AMIS0841	-	21	526	140	13.3	1020
*Bik BLANK	-	<1	<0.1	40	<0.4	<40
*Std MMISRM19	-	23	59.4	110	9.0	6380
*Rep 745603	-	2	13.5	40	<0.4	63800

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745092	0.7	4512	109	47	47	500
745093	1.2	2625	165	51	51	100
745094	<0.5	4159	306	66	66	<100
745095	1.0	2215	541	121	121	100
745096	1.7	2222	547	198	198	<100

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745097	1.1	1617	431	139	139	100
745098	<0.5	3449	55	49	49	<100
745099	<0.5	2497	94	53	53	100
745100	<0.5	1445	127	29	29	100
745601	<0.5	3498	145	72	72	100
745602	<0.5	2906	44	67	67	100
745603	<0.5	2775	102	38	38	100
745604	<0.5	2754	209	50	50	100
745605	<0.5	3766	161	60	60	<100
745606	<0.5	2747	224	58	58	100
745607	<0.5	3137	134	42	42	<100
745608	<0.5	2793	104	65	65	<100
745609	<0.5	1690	66	42	42	100
745610	<0.5	2903	187	34	34	100
745611	<0.5	2542	124	61	61	200
745612	<0.5	1494	26	66	66	<100
745613	<0.5	1797	75	55	55	<100
745614	<0.5	1445	48	52	52	<100
745615	<0.5	1927	32	49	49	<100
745616	1.4	3344	205	25	25	200
745617	0.7	1272	87	28	28	200
745618	<0.5	2462	101	19	19	<100
745619	<0.5	2553	75	76	76	700
745620	<0.5	6631	265	80	80	900
745621	<0.5	1989	107	34	34	<100
745622	<0.5	5068	96	74	74	900
745623	<0.5	4558	134	94	94	1000
745624	<0.5	6470	102	89	89	900
745625	<0.5	5767	137	121	121	900

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ANALYSIS REPORT BBM22-19260

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745626	<0.5	7264	289	75	75	900
745627	<0.5	5803	183	61	61	800
745628	<0.5	5816	60	66	66	900
745629	<0.5	6110	90	74	74	900
745630	<0.5	6124	139	54	54	900
745631	<0.5	4816	281	176	176	800
745632	<0.5	4107	83	65	65	900
745633	<0.5	4897	31	112	112	900
745634	<0.5	3081	24	130	130	800
745635	<0.5	6350	127	131	131	900
745636	<0.5	4944	305	72	72	900
745637	<0.5	2880	61	129	129	800
745638	<0.5	2167	217	55	55	<100
745639	<0.5	3278	43	70	70	700
745640	<0.5	3352	153	27	27	700
745641	8.7	2411	434	59	59	100
745642	4.6	1709	258	79	79	<100
745643	12.8	2839	43	43	43	<100
745644	6.9	1869	44	93	93	100
745645	4.7	2218	71	96	96	<100
745646	3.7	1824	173	35	35	<100
745647	2.6	1166	78	51	51	<100
745648	2.4	2505	163	35	35	<100
745649	3.3	2380	258	56	56	100
745650	2.1	1454	197	90	90	<100
745651	7.3	1416	178	142	142	<100
745652	13.2	2723	113	83	83	100
745653	4.3	1649	133	61	61	200
745654	2.0	2875	60	69	69	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745655	2.8	1906	152	49	49	100
745656	3.4	2087	149	60	60	100
745657	1.7	1778	138	64	64	100
745658	2.2	1777	109	59	59	100
745659	3.1	2911	203	70	70	100
745660	1.7	2870	131	34	34	<100
745661	2.5	1704	118	54	54	100
745662	2.3	2250	257	54	54	100
745663	1.8	2462	212	60	60	100
745664	1.8	2358	269	65	65	<100
745665	3.8	2547	165	90	90	<100
745666	4.1	2742	168	39	39	<100
745667	2.1	2481	120	58	58	100
745668	<0.5	2397	80	107	107	100
745669	1.9	2402	177	88	88	100
745670	2.1	1579	83	40	40	<100
745671	1.1	2689	42	93	93	<100
745672	1.9	2301	52	55	55	<100
745673	<0.5	2499	196	49	49	100
745674	0.8	2205	115	62	62	<100
745675	0.9	1997	170	45	45	<100
745676	<0.5	1957	231	24	24	<100
745677	0.8	1526	150	47	47	100
745678	1.4	1366	92	63	63	<100
745679	<0.5	2231	31	47	47	<100
745680	0.8	2234	307	51	51	<100
745681	<0.5	2214	151	70	70	<100
745682	<0.5	2200	292	82	82	<100
745683	<0.5	2392	186	48	48	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745684	1.0	2498	103	56	56	<100
745685	1.2	3218	106	74	74	<100
745686	0.9	1611	41	54	54	100
745687	1.4	2384	84	69	69	<100
745688	<0.5	3033	123	138	138	100
745689	1.2	1602	62	43	43	100
*Rep 745651	8.5	1504	173	155	155	<100
*Blk BLANK	5.4	2	<2	<2	<1	<100
*Rep 745680	0.8	2259	301	52	52	<100
*Std AMIS0841	10.9	174	14	8640	1350	100
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Std MMISRM19	<0.5	2742	60	447	600	200
*Rep 745603	<0.5	2873	119	31	31	100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745092	39.0	1190	3.4	1.6	7.0	88
745093	319	2040	4.7	2.0	7.3	55
745094	92.5	1380	4.8	2.4	7.6	89
745095	15.4	1090	11.1	5.4	3.1	47
745096	11.4	1330	15.4	10.1	3.8	51
745097	30.1	1470	10.9	6.0	2.9	39
745098	38.8	1100	4.0	2.0	3.4	73
745099	31.6	1540	4.5	2.2	3.4	54
745100	111	1550	2.8	1.6	4.6	32
745601	26.3	1360	6.2	2.5	8.7	74

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745602	28.9	1280	6.7	3.3	3.9	61
745603	13.2	1220	2.8	1.3	6.5	59
745604	27.9	1400	4.1	1.7	4.5	60
745605	51.7	1360	5.1	2.5	5.3	79
745606	19.0	1740	4.7	2.2	7.0	60
745607	27.4	1270	3.4	2.0	5.4	68
745608	23.0	1180	5.0	2.5	4.6	61
745609	11.9	1020	3.6	1.6	2.4	38
745610	14.4	1420	2.0	0.9	3.7	62
745611	7.0	2790	4.3	2.0	5.5	56
745612	3.7	1180	4.0	2.4	2.5	34
745613	66.8	1790	5.2	2.7	5.7	40
745614	12.8	1440	5.0	2.6	4.0	33
745615	79.9	1290	5.0	2.6	2.9	42
745616	21.1	1660	1.5	1.1	5.3	73
745617	35.9	1960	2.5	0.8	3.0	29
745618	40.2	1290	1.3	0.8	2.9	54
745619	11.5	1540	5.4	2.3	4.3	52
745620	18.0	1660	6.5	3.4	22.1	127
745621	11.9	980	2.6	1.8	3.7	25
745622	93.7	1820	4.6	2.0	6.0	95
745623	57.4	2140	5.8	2.4	9.7	85
745624	29.7	1870	6.4	2.8	13.7	120
745625	47.6	1910	8.8	3.3	14.8	107
745626	36.9	1900	5.6	1.8	14.2	133
745627	25.1	2230	4.1	1.2	15.7	105
745628	152	1960	4.5	1.5	13.9	106
745629	59.8	2640	4.1	1.7	7.2	112
745630	269	2350	3.2	1.8	21.0	112

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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745631	5.9	2100	8.5	4.4	2.3	87
745632	10.6	2210	4.1	1.7	7.8	73
745633	5.7	2380	7.6	4.3	7.2	90
745634	7.1	2380	8.6	3.6	3.8	56
745635	12.7	1980	5.1	2.4	9.5	120
745636	4.2	2910	4.4	1.9	18.6	93
745637	11.7	2150	6.8	3.6	6.6	53
745638	28.9	1980	4.0	2.0	6.9	27
745639	57.3	2300	4.2	2.6	5.7	61
745640	12.2	1340	2.2	0.8	8.0	62
745641	5.5	1850	2.4	1.6	3.0	45
745642	9.3	1430	4.3	1.6	3.0	32
745643	4.1	1730	3.3	1.5	1.2	51
745644	4.3	970	7.3	2.3	2.6	35
745645	7.0	1270	7.0	3.5	2.0	41
745646	55.2	1190	2.7	1.1	1.7	33
745647	25.0	1360	5.6	2.4	1.1	23
745648	7.6	1160	3.0	0.9	2.9	45
745649	14.5	2290	3.1	1.5	3.4	44
745650	13.9	1800	5.5	3.3	<0.2	28
745651	35.1	1770	10.9	5.6	1.2	31
745652	16.3	1300	5.6	2.9	6.4	53
745653	29.3	1850	3.2	1.5	1.5	31
745654	34.6	1560	5.4	2.2	2.4	53
745655	38.6	1490	3.6	1.3	2.3	36
745656	28.1	1510	3.7	1.8	3.8	39
745657	15.0	1230	5.1	2.2	1.2	35
745658	12.5	1250	4.3	2.3	1.0	34
745659	13.8	1320	4.9	2.6	2.1	55

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745660	50.1	1310	2.1	1.1	2.4	53
745661	19.1	1430	4.0	2.0	3.1	33
745662	149	1840	3.6	2.0	2.8	41
745663	70.8	1280	4.3	1.9	2.8	47
745664	50.3	1270	4.4	2.6	1.5	44
745665	74.2	1510	5.4	2.3	3.9	48
745666	71.3	2370	2.5	0.8	0.9	52
745667	89.1	1300	4.5	1.9	2.0	47
745668	53.7	1220	8.8	4.7	5.9	32
745669	94.2	1760	7.1	3.1	4.1	47
745670	62.8	1530	3.2	1.0	0.5	30
745671	24.2	1000	7.8	3.4	3.4	52
745672	32.5	860	3.7	2.3	1.9	44
745673	63.8	1940	3.1	1.4	2.4	47
745674	41.6	1200	4.7	2.0	2.4	42
745675	99.1	1960	2.8	1.4	1.9	38
745676	35.4	1740	1.7	1.1	2.6	36
745677	14.8	1620	3.3	1.6	0.5	30
745678	14.9	1290	5.2	2.3	<0.2	28
745679	9.5	970	3.7	1.5	0.4	41
745680	99.0	1460	2.4	0.8	2.8	42
745681	52.3	1690	5.4	3.1	1.5	41
745682	45.6	1840	5.1	2.8	1.1	42
745683	19.3	1560	3.6	2.1	1.7	45
745684	32.2	1650	4.6	1.9	1.1	47
745685	34.1	1270	4.8	2.0	4.6	60
745686	49.6	1030	4.5	1.6	1.3	31
745687	37.0	1280	4.3	2.5	1.4	46
745688	15.1	1380	12.4	6.1	4.7	59

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745689	16.2	1540	3.2	1.2	<0.2	30
*Rep 745651	38.3	1780	12.1	5.2	1.1	32
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 745680	103	1500	2.6	1.5	2.7	42
*Std AMIS0841	399	43600	2160	1110	713	44
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Std MMISRM19	37.3	4340	117	56.3	39.8	71
*Rep 745603	13.8	1250	2.4	0.9	7.0	63

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745092	4	4.8	<1	<0.1	339	23.6
745093	8	5.5	3	<0.1	368	23.4
745094	9	6.6	2	<0.1	300	31.8
745095	<1	16.0	<1	0.1	315	50.3
745096	<1	21.5	2	0.1	233	91.3
745097	5	17.0	2	0.1	293	59.9
745098	3	4.9	5	0.1	382	23.3
745099	7	6.0	3	0.1	328	24.7
745100	8	3.5	3	<0.1	373	12.3
745601	5	7.6	2	<0.1	325	34.8
745602	4	9.1	3	<0.1	340	26.2
745603	6	3.6	<1	<0.1	333	19.5
745604	5	6.0	<1	<0.1	283	22.6
745605	4	6.5	4	<0.1	297	27.2
745606	7	7.1	<1	<0.1	265	28.4

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745607	4	4.3	<1	<0.1	286	19.8
745608	5	7.5	<1	<0.1	191	30.9
745609	<1	4.9	<1	<0.1	180	16.7
745610	9	2.5	<1	<0.1	318	16.8
745611	9	5.5	<1	<0.1	493	27.8
745612	<1	6.7	3	<0.1	321	26.4
745613	6	6.5	<1	<0.1	327	23.8
745614	6	7.7	<1	<0.1	421	20.6
745615	1	5.3	<1	<0.1	320	19.6
745616	2	2.1	<1	0.1	367	14.0
745617	4	2.5	<1	<0.1	349	12.1
745618	6	2.2	<1	<0.1	415	7.1
745619	<1	6.5	4	<0.1	510	31.9
745620	20	8.5	1	<0.1	684	39.2
745621	7	3.4	2	<0.1	185	15.1
745622	1	4.8	<1	<0.1	338	33.1
745623	3	7.9	2	<0.1	589	46.6
745624	4	8.0	2	<0.1	376	44.9
745625	4	10.0	8	<0.1	695	58.8
745626	11	7.7	<1	<0.1	616	36.1
745627	5	4.4	<1	<0.1	395	31.2
745628	7	6.1	3	<0.1	608	35.0
745629	10	4.7	1	<0.1	412	33.5
745630	14	4.0	2	<0.1	530	28.8
745631	14	11.9	<1	<0.1	426	71.7
745632	22	4.9	<1	<0.1	584	30.0
745633	20	10.0	<1	<0.1	537	47.7
745634	16	11.3	1	<0.1	448	57.8
745635	27	9.5	<1	<0.1	417	66.0

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745636	32	6.2	<1	<0.1	356	32.9
745637	18	10.6	1	<0.1	698	55.5
745638	16	4.4	5	<0.1	336	26.1
745639	5	5.3	<1	<0.1	533	27.0
745640	17	2.2	<1	<0.1	526	15.0
745641	11	2.6	2	<0.1	557	28.7
745642	6	4.6	2	<0.1	343	37.1
745643	4	4.3	<1	<0.1	564	17.6
745644	3	8.4	4	<0.1	299	38.2
745645	6	10.4	3	<0.1	291	38.2
745646	6	3.2	4	<0.1	448	11.8
745647	7	6.0	5	<0.1	370	18.7
745648	6	3.5	3	<0.1	279	11.3
745649	9	4.7	3	<0.1	455	22.5
745650	3	5.5	<1	<0.1	334	34.4
745651	5	13.0	2	<0.1	349	57.3
745652	8	7.2	4	<0.1	440	39.6
745653	7	4.7	2	<0.1	273	25.6
745654	8	7.1	4	<0.1	287	28.4
745655	6	3.8	3	<0.1	326	17.4
745656	7	4.2	5	<0.1	379	24.8
745657	7	5.5	7	<0.1	389	24.0
745658	6	5.2	4	<0.1	370	22.9
745659	7	9.0	7	<0.1	333	27.6
745660	6	1.9	1	<0.1	220	13.2
745661	7	5.6	4	<0.1	391	21.5
745662	8	4.0	5	<0.1	395	21.8
745663	9	3.6	4	<0.1	378	24.6
745664	7	6.8	6	<0.1	344	26.9

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745665	6	7.4	6	<0.1	348	37.6
745666	9	2.6	4	<0.1	300	15.6
745667	8	3.8	6	<0.1	456	26.4
745668	10	13.2	5	<0.1	298	51.2
745669	8	8.7	10	<0.1	401	38.9
745670	5	3.0	3	<0.1	266	15.8
745671	7	9.2	6	<0.1	232	39.2
745672	7	4.8	4	<0.1	346	23.7
745673	9	3.6	6	<0.1	357	19.5
745674	7	4.9	4	<0.1	389	26.9
745675	8	2.8	2	<0.1	291	16.8
745676	8	2.5	3	<0.1	366	7.1
745677	8	4.6	5	<0.1	405	20.1
745678	5	5.7	3	<0.1	284	22.1
745679	7	3.6	3	<0.1	279	17.1
745680	14	2.8	5	<0.1	426	19.7
745681	6	6.6	4	<0.1	267	29.6
745682	8	7.2	5	<0.1	321	36.5
745683	7	2.6	5	<0.1	230	17.7
745684	6	5.1	2	<0.1	246	22.7
745685	5	7.4	5	<0.1	403	37.9
745686	4	4.4	2	<0.1	444	20.9
745687	6	7.0	3	<0.1	360	29.5
745688	10	14.9	7	<0.1	420	62.4
745689	5	3.0	3	<0.1	407	17.3
*Rep 745651	4	14.7	2	<0.1	368	61.1
*Blk BLANK	<1	<0.2	<1	<0.1	1	<0.5
*Rep 745680	14	3.0	4	<0.1	435	20.3
*Std AMIS0841	124	2850	1	1.2	216	6730

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
*Blk BLANK	2	0.4	<1	<0.1	<1	<0.5
*Std MMISRM19	1	180	<1	<0.1	257	212
*Rep 745603	6	3.0	2	<0.1	347	14.2

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745092	10	306	212000	3	1.5	26
745093	<10	248	269000	4	2.1	25
745094	<10	257	381000	8	0.9	29
745095	<10	407	108000	3	0.7	70
745096	<10	333	93900	2	1.0	105
745097	<10	317	138000	3	0.6	73
745098	<10	297	200000	4	<0.5	24
745099	<10	339	286000	7	0.6	28
745100	<10	160	253000	4	0.6	16
745601	<10	335	196000	3	0.6	37
745602	<10	366	180000	2	<0.5	36
745603	10	220	233000	4	<0.5	17
745604	10	273	190000	3	<0.5	26
745605	<10	257	184000	3	<0.5	30
745606	<10	332	222000	3	<0.5	29
745607	<10	329	175000	3	<0.5	21
745608	<10	230	146000	1	<0.5	35
745609	<10	129	75500	<1	<0.5	21
745610	<10	334	283000	4	<0.5	12
745611	20	385	297000	4	<0.5	29

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745612	<10	165	82000	3	<0.5	37
745613	<10	213	191000	4	<0.5	31
745614	<10	181	198000	3	<0.5	31
745615	10	206	117000	2	<0.5	29
745616	<10	341	190000	4	1.7	10
745617	<10	176	190000	3	3.4	16
745618	<10	247	281000	5	0.8	9
745619	10	196	151000	4	1.0	37
745620	10	636	628000	12	1.0	47
745621	<10	149	139000	4	<0.5	19
745622	10	338	267000	5	0.5	35
745623	20	356	227000	4	0.8	48
745624	10	359	331000	8	0.8	51
745625	10	419	339000	7	0.7	61
745626	10	517	484000	8	<0.5	45
745627	10	477	327000	5	<0.5	28
745628	20	361	211000	3	0.7	33
745629	10	441	242000	5	<0.5	38
745630	20	421	391000	7	<0.5	27
745631	10	546	117000	3	<0.5	81
745632	20	324	254000	5	1.0	30
745633	10	467	183000	4	0.7	61
745634	10	245	83800	3	<0.5	65
745635	10	425	285000	5	<0.5	57
745636	10	415	401000	8	<0.5	35
745637	10	322	241000	4	<0.5	60
745638	<10	256	242000	6	<0.5	26
745639	10	346	199000	3	<0.5	35
745640	20	370	426000	5	<0.5	12

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745641	20	325	368000	3	1.3	17
745642	<10	180	216000	1	1.3	32
745643	<10	293	98200	<1	<0.5	23
745644	10	197	96100	2	4.0	43
745645	<10	263	155000	<1	0.8	49
745646	<10	252	219000	2	0.7	18
745647	<10	170	212000	4	<0.5	29
745648	<10	153	202000	<1	<0.5	19
745649	10	270	287000	4	<0.5	28
745650	<10	340	79400	<1	<0.5	45
745651	<10	236	76100	<1	<0.5	76
745652	10	354	191000	<1	<0.5	39
745653	<10	202	216000	2	2.2	27
745654	<10	243	226000	2	0.7	33
745655	<10	150	217000	<1	<0.5	24
745656	<10	232	288000	1	<0.5	28
745657	<10	159	184000	3	<0.5	34
745658	10	162	188000	1	1.5	33
745659	<10	199	226000	<1	<0.5	33
745660	<10	260	226000	<1	<0.5	14
745661	<10	167	239000	3	<0.5	26
745662	10	275	291000	3	<0.5	27
745663	10	222	273000	2	<0.5	28
745664	<10	231	248000	1	<0.5	30
745665	<10	257	217000	<1	<0.5	43
745666	<10	236	315000	1	2.0	16
745667	10	302	268000	4	1.6	26
745668	<10	235	133000	7	<0.5	58
745669	10	285	223000	2	0.5	39

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745670	<10	174	146000	1	1.4	20
745671	<10	186	191000	2	<0.5	48
745672	<10	289	260000	3	<0.5	24
745673	<10	298	273000	1	<0.5	24
745674	10	278	248000	2	<0.5	29
745675	<10	211	283000	3	0.5	20
745676	<10	265	256000	4	<0.5	12
745677	<10	168	263000	2	2.1	24
745678	<10	101	143000	1	<0.5	35
745679	<10	209	241000	<1	<0.5	22
745680	<10	243	469000	4	<0.5	21
745681	<10	219	211000	2	<0.5	34
745682	<10	174	280000	3	<0.5	39
745683	<10	187	234000	2	<0.5	22
745684	<10	260	181000	2	<0.5	26
745685	<10	275	157000	<1	<0.5	35
745686	10	260	91900	<1	<0.5	28
745687	<10	331	191000	1	<0.5	35
745688	<10	275	255000	4	<0.5	70
745689	10	321	187000	2	1.3	20
*Rep 745651	<10	245	78000	<1	<0.5	80
*Blk BLANK	<10	<1	<10	<1	0.8	<1
*Rep 745680	<10	244	482000	3	<0.5	24
*Std AMIS0841	<10	17	61600	96	1.4	14300
*Blk BLANK	<10	<1	<10	<1	1.1	<1
*Std MMISRM19	<10	405	18400	27	<0.5	629
*Rep 745603	10	237	238000	4	<0.5	15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Submission Number
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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745092	550	81.6	280	<1	6.1	<0.2
745093	630	125	270	3	6.2	<0.2
745094	790	81.7	480	<1	8.1	<0.2
745095	380	107	380	4	17.0	<0.2
745096	420	60.3	1080	1	25.0	<0.2
745097	300	90.4	730	2	17.1	<0.2
745098	480	64.2	320	1	5.9	0.4
745099	530	69.2	390	<1	6.7	<0.2
745100	290	75.0	190	2	4.0	<0.2
745601	800	68.8	470	1	8.5	<0.2
745602	420	92.8	260	<1	8.5	<0.2
745603	340	49.5	200	<1	4.7	<0.2
745604	420	70.3	300	2	6.1	<0.2
745605	470	72.3	470	1	7.0	<0.2
745606	570	69.2	230	<1	6.6	<0.2
745607	600	43.6	330	<1	4.8	<0.2
745608	480	50.3	440	2	7.8	<0.2
745609	210	30.0	290	<1	5.3	<0.2
745610	450	56.2	180	3	3.2	<0.2
745611	340	95.3	170	<1	7.1	<0.2
745612	160	83.0	230	<1	9.0	<0.2
745613	370	104	220	<1	7.4	<0.2
745614	190	118	160	<1	6.5	<0.2
745615	310	97.4	160	<1	7.0	<0.2
745616	320	36.0	160	2	2.7	<0.2
745617	170	56.7	130	<1	3.5	<0.2
745618	260	71.6	60	<1	1.7	<0.2
745619	320	150	150	<1	8.9	<0.2
745620	740	201	290	1	11.1	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745621	410	77.9	250	<1	4.3	0.2
745622	990	72.7	350	<1	8.1	<0.2
745623	890	139	320	<1	12.2	<0.2
745624	1120	105	660	<1	11.4	<0.2
745625	950	127	720	<1	15.1	<0.2
745626	1060	112	540	<1	9.9	<0.2
745627	1400	95.8	300	<1	7.4	<0.2
745628	1930	89.5	410	1	7.7	<0.2
745629	2010	95.3	350	1	8.8	<0.2
745630	2350	107	310	2	7.1	<0.2
745631	1870	120	480	3	19.6	<0.2
745632	1450	79.9	320	<1	7.8	<0.2
745633	1630	123	200	<1	15.1	<0.2
745634	1370	106	240	<1	15.6	<0.2
745635	1810	79.4	740	<1	13.9	<0.2
745636	1880	85.3	170	3	9.8	<0.2
745637	1570	187	240	<1	16.1	<0.2
745638	670	110	210	<1	6.7	<0.2
745639	960	149	160	<1	8.8	<0.2
745640	680	60.9	90	1	2.8	<0.2
745641	1480	71.1	280	<1	2.6	0.3
745642	560	83.2	610	<1	5.9	<0.2
745643	250	52.9	400	1	2.2	<0.2
745644	190	62.2	830	<1	8.4	<0.2
745645	310	75.3	990	<1	8.2	<0.2
745646	250	85.6	180	<1	0.7	<0.2
745647	190	125	160	<1	3.2	<0.2
745648	240	70.0	240	<1	<0.5	<0.2
745649	450	85.2	360	<1	1.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745650	440	93.5	330	<1	7.1	<0.2
745651	680	85.6	1950	<1	15.0	<0.2
745652	810	83.2	490	<1	7.0	<0.2
745653	400	53.0	380	<1	3.5	<0.2
745654	700	71.6	580	<1	4.4	<0.2
745655	430	87.3	420	<1	2.2	<0.2
745656	610	88.7	280	<1	2.9	<0.2
745657	350	131	320	<1	4.5	<0.2
745658	230	66.5	280	<1	3.0	<0.2
745659	350	70.4	720	2	4.0	<0.2
745660	510	53.0	310	<1	<0.5	<0.2
745661	270	94.2	200	<1	2.4	<0.2
745662	600	69.1	350	<1	2.7	<0.2
745663	480	59.5	540	<1	2.9	<0.2
745664	390	54.2	520	<1	3.7	<0.2
745665	780	90.0	860	<1	7.1	<0.2
745666	830	69.7	220	<1	<0.5	<0.2
745667	610	63.4	460	<1	2.8	<0.2
745668	1090	102	870	<1	14.5	<0.2
745669	950	99.4	630	<1	5.8	<0.2
745670	530	50.5	330	<1	0.9	<0.2
745671	420	62.2	740	<1	6.7	<0.2
745672	560	63.3	420	1	2.5	<0.2
745673	720	91.4	470	<1	1.3	<0.2
745674	530	77.7	390	<1	3.2	<0.2
745675	530	70.3	280	<1	1.2	<0.2
745676	370	81.9	170	<1	<0.5	<0.2
745677	260	69.5	330	<1	1.8	<0.2
745678	190	71.5	260	1	4.2	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745679	220	71.3	190	<1	1.6	<0.2
745680	350	84.5	160	<1	1.6	<0.2
745681	470	71.4	430	<1	4.3	<0.2
745682	490	86.5	400	1	5.2	<0.2
745683	300	77.0	420	<1	0.8	<0.2
745684	540	68.8	520	<1	2.9	<0.2
745685	780	109	640	<1	4.1	<0.2
745686	440	95.7	350	<1	3.3	<0.2
745687	600	89.5	660	1	3.9	<0.2
745688	400	100	1530	<1	13.2	<0.2
745689	280	59.5	370	<1	1.5	<0.2
*Rep 745651	690	89.5	1980	<1	15.6	<0.2
*Bik BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Rep 745680	370	85.5	170	<1	1.6	<0.2
*Std AMIS0841	1150	7.1	1060	2	3230	<0.2
*Bik BLANK	<10	0.8	<40	<1	1.1	<0.2
*Std MMISRM19	3540	5.5	2970	1	117	<0.2
*Rep 745603	360	52.0	200	<1	3.2	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745092	1130	15	90	5	<10	15000
745093	2060	16	46	5	<10	8160
745094	1280	6	30	8	<10	15800
745095	890	6	35	15	<10	5940
745096	738	14	41	20	<10	4880

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
745097	988	6	30	15	<10	2240
745098	1660	7	15	6	<10	9500
745099	1750	7	14	6	<10	6930
745100	2600	4	<5	2	<10	7470
745601	1010	8	6	9	<10	15600
745602	992	5	5	7	<10	7750
745603	1960	2	<5	4	<10	10900
745604	1230	4	18	6	<10	9860
745605	1460	1	<5	7	<10	14300
745606	814	1	<5	6	<10	12700
745607	1130	2	5	6	<10	11000
745608	698	<1	<5	7	<10	10100
745609	564	<1	7	4	<10	4950
745610	1240	<1	6	3	<10	10700
745611	1650	2	18	5	<10	14000
745612	754	2	<5	8	<10	9390
745613	1950	<1	5	7	<10	8390
745614	1450	<1	<5	7	<10	8830
745615	2010	<1	<5	5	<10	7970
745616	1520	7	25	3	<10	17200
745617	1630	4	20	3	<10	5520
745618	2310	<1	7	2	<10	9680
745619	1200	1	123	8	<10	8090
745620	1400	1	186	11	<10	24500
745621	543	7	81	4	<10	9180
745622	1260	<1	376	6	<10	13000
745623	2330	1	490	9	<10	19700
745624	1240	<1	580	9	<10	15300
745625	2650	<1	683	12	<10	16200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 Samples (491-588)
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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
745626	2610	<1	802	9	<10	27200
745627	1400	<1	964	7	<10	23000
745628	2740	2	1220	6	<10	20200
745629	1330	3	1270	7	<10	12200
745630	2330	5	1350	5	<10	18300
745631	536	6	1560	14	<10	5950
745632	868	10	1430	6	<10	11600
745633	447	12	1400	11	<10	13400
745634	430	10	1210	12	<10	6630
745635	1040	11	1060	11	<10	19100
745636	502	10	1130	7	<10	16600
745637	875	6	911	12	<10	9240
745638	1740	5	54	6	<10	8220
745639	2220	1	644	8	<10	10200
745640	1810	<1	479	3	<10	14100
745641	2330	15	25	2	<10	15200
745642	917	8	17	4	<10	7620
745643	1620	15	17	3	<10	9620
745644	733	9	22	9	<10	14400
745645	736	4	14	8	<10	14800
745646	2900	<1	12	2	<10	7270
745647	1830	2	17	4	<10	3720
745648	578	<1	11	3	<10	8550
745649	1470	<1	16	4	<10	13300
745650	999	<1	7	6	<10	3570
745651	1560	5	20	13	<10	3770
745652	1900	4	17	6	<10	18500
745653	1770	<1	13	3	<10	6380
745654	1480	5	7	4	<10	9020

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745655	2070	4	8	3	<10	7170
745656	2380	4	13	3	<10	8150
745657	1670	3	12	5	<10	7160
745658	1760	5	12	5	<10	4610
745659	1240	4	12	6	<10	11500
745660	1510	<1	<5	2	<10	16000
745661	1960	4	14	3	<10	9890
745662	2730	4	12	4	<10	8130
745663	2380	2	13	3	<10	10800
745664	2170	4	10	4	<10	9270
745665	2080	5	13	7	<10	9200
745666	1880	7	9	2	<10	8870
745667	2570	3	10	2	<10	8740
745668	1250	8	78	11	<10	6540
745669	2220	5	17	6	<10	9290
745670	1590	2	<5	2	<10	6370
745671	769	3	8	7	<10	12000
745672	1640	4	6	3	<10	9000
745673	2230	2	6	3	<10	13800
745674	2390	<1	6	4	<10	8650
745675	2450	2	<5	1	<10	7640
745676	2460	<1	<5	<1	<10	11000
745677	1730	2	<5	3	<10	10200
745678	1360	2	<5	6	<10	4380
745679	764	2	7	3	<10	8060
745680	3320	<1	<5	1	<10	9960
745681	1260	<1	<5	4	<10	7890
745682	1400	1	<5	6	<10	7100
745683	1230	2	<5	2	<10	14500

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745684	1390	<1	<5	4	<10	14600
745685	1770	2	<5	6	<10	14700
745686	2650	<1	6	3	<10	9340
745687	1840	2	<5	5	<10	11800
745688	1370	3	22	15	<10	13800
745689	1990	2	<5	2	<10	5690
*Rep 745651	1660	2	21	12	<10	3910
*Blk BLANK	1	1	7	<1	<10	20
*Rep 745680	3400	2	<5	3	<10	10100
*Std AMIS0841	3420	18	2620	3200	<10	500
*Blk BLANK	2	1	11	<1	<10	20
*Std MMISRM19	847	2	189	170	<10	10800
*Rep 745603	2060	3	9	4	<10	11600

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745092	<2	0.6	<10	4.9	400	8.8
745093	3	0.7	20	3.5	500	5.9
745094	<2	0.9	10	4.0	400	5.0
745095	<2	1.8	10	10.3	400	4.4
745096	<2	3.4	<10	19.4	300	5.5
745097	<2	1.8	10	10.5	400	3.5
745098	<2	0.5	<10	1.7	300	1.8
745099	<2	0.5	<10	2.7	300	4.6
745100	<2	0.3	10	<0.5	300	3.3
745601	<2	0.9	<10	3.9	300	6.1

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Element Method	Ta GE_MMIMV	Tb GE_MMIMV	Te GE_MMIMV	Th GE_MMIMV	Ti GE_MMIMV	Tl GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745602	<2	0.8	<10	2.9	400	2.3
745603	<2	0.2	<10	<0.5	200	3.3
745604	<2	0.5	10	2.6	300	2.6
745605	<2	0.8	<10	2.1	300	5.5
745606	<2	0.5	<10	1.9	300	3.3
745607	<2	0.4	<10	1.8	200	1.0
745608	<2	0.9	<10	2.4	200	5.4
745609	<2	0.4	<10	<0.5	100	5.9
745610	<2	<0.1	<10	<0.5	200	2.3
745611	<2	0.3	<10	1.3	400	1.3
745612	<2	0.5	<10	1.5	300	0.9
745613	<2	0.5	<10	0.7	400	3.7
745614	<2	0.7	<10	<0.5	400	1.0
745615	<2	0.5	<10	<0.5	400	3.3
745616	<2	0.1	10	4.0	200	9.4
745617	4	<0.1	<10	1.2	200	5.4
745618	<2	<0.1	<10	<0.5	300	2.2
745619	3	0.9	<10	3.1	700	2.6
745620	3	1.1	<10	3.6	900	3.3
745621	<2	0.6	<10	2.9	400	3.7
745622	3	0.7	<10	2.0	500	21.3
745623	4	0.8	<10	3.8	700	6.2
745624	3	0.9	<10	3.0	600	12.9
745625	3	1.3	<10	6.5	700	10.8
745626	2	0.7	<10	2.0	600	5.7
745627	3	0.4	<10	1.0	600	7.9
745628	2	0.6	<10	1.6	700	18.0
745629	2	0.5	<10	1.8	800	15.7
745630	2	0.3	<10	0.8	900	22.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745631	3	1.4	<10	6.1	1000	1.6
745632	2	0.5	<10	0.7	800	2.0
745633	2	0.9	<10	2.6	1000	0.8
745634	2	1.5	<10	3.7	900	1.7
745635	2	0.9	<10	4.3	800	1.9
745636	2	0.6	<10	<0.5	900	0.4
745637	2	1.2	<10	3.0	1100	1.0
745638	<2	0.5	20	2.5	400	4.8
745639	2	0.6	<10	0.9	800	4.0
745640	<2	<0.1	<10	<0.5	500	3.8
745641	<2	0.4	30	5.4	300	1.2
745642	<2	0.5	30	3.6	400	0.9
745643	<2	0.2	30	2.3	200	0.4
745644	4	0.8	10	4.4	300	0.5
745645	2	0.9	10	6.6	300	0.5
745646	<2	<0.1	<10	2.2	300	8.3
745647	<2	0.3	<10	3.1	500	1.4
745648	<2	<0.1	<10	1.1	300	<0.1
745649	<2	<0.1	<10	2.2	300	0.3
745650	2	0.4	<10	2.8	400	1.2
745651	2	1.7	<10	9.1	400	3.7
745652	<2	1.6	<10	4.9	300	2.6
745653	4	0.9	<10	2.8	200	7.5
745654	2	1.1	30	3.8	300	4.6
745655	3	0.8	<10	2.3	300	0.8
745656	<2	0.8	<10	2.4	300	5.3
745657	<2	1.0	<10	2.7	500	2.0
745658	3	1.0	10	2.9	300	1.8
745659	<2	1.3	<10	3.7	300	1.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (491-588)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745660	<2	0.6	<10	<0.5	200	2.6
745661	<2	0.8	<10	2.4	400	1.3
745662	<2	0.7	<10	1.7	300	9.9
745663	<2	0.8	<10	2.7	300	5.3
745664	<2	1.1	<10	4.1	200	2.6
745665	<2	1.6	<10	3.7	400	2.9
745666	<2	0.6	<10	6.2	300	3.9
745667	<2	1.0	10	5.7	300	10.1
745668	4	1.5	130	8.2	500	5.3
745669	<2	1.2	<10	5.8	500	8.8
745670	<2	0.7	<10	1.7	200	1.7
745671	<2	1.5	<10	7.0	300	2.1
745672	<2	1.0	<10	2.9	300	0.6
745673	<2	0.5	<10	0.8	400	2.0
745674	<2	0.7	<10	2.0	300	8.7
745675	<2	0.6	<10	0.6	300	2.6
745676	<2	0.4	<10	<0.5	300	2.0
745677	<2	0.6	<10	<0.5	300	<0.1
745678	<2	0.9	<10	3.0	300	<0.1
745679	<2	0.8	<10	1.6	300	1.9
745680	<2	0.6	<10	<0.5	300	2.8
745681	<2	1.0	<10	3.2	300	0.8
745682	<2	1.0	<10	2.6	300	<0.1
745683	<2	1.0	<10	<0.5	300	1.9
745684	<2	0.8	<10	1.4	300	7.1
745685	<2	1.1	<10	3.1	400	0.9
745686	<2	0.5	<10	1.4	400	3.7
745687	<2	1.0	<10	1.6	400	5.0
745688	<2	2.2	<10	10.9	400	4.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (491-588)
 Number of Samples 98

ANALYSIS REPORT BBM22-19260

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745689	<2	0.6	<10	1.3	300	1.6
*Rep 745651	<2	2.2	<10	9.7	400	4.1
*Blk BLANK	<2	0.2	<10	1.1	<100	<0.1
*Rep 745680	<2	0.7	<10	<0.5	300	3.4
*Std AMIS0841	12	403	<10	1340	<100	7.7
*Blk BLANK	3	<0.1	10	0.5	<100	<0.1
*Std MMISRM19	<2	23.4	20	141	<100	4.6
*Rep 745603	<2	0.2	<10	0.7	300	2.8

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745092	0.9	<1	21	1.5	39700	9
745093	1.6	<1	22	1.9	67500	9
745094	1.4	<1	30	2.0	60100	10
745095	3.5	<1	64	4.8	46800	10
745096	6.6	1	98	6.6	39100	12
745097	4.2	1	64	4.9	35300	13
745098	0.9	<1	19	1.5	48700	7
745099	1.3	<1	22	1.8	45200	8
745100	0.9	1	14	1.0	23900	5
745601	2.2	<1	31	2.6	45900	8
745602	1.4	1	31	2.3	46300	7
745603	0.6	<1	12	1.0	43600	7
745604	1.2	<1	20	1.6	35000	9
745605	1.2	1	25	2.2	48300	8
745606	1.4	<1	24	1.9	42200	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (491-588)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745607	1.0	<1	17	1.4	45300	7
745608	1.5	<1	27	1.8	47700	7
745609	0.7	<1	17	1.6	25400	5
745610	0.7	<1	11	0.7	56200	4
745611	1.0	1	20	1.7	52900	9
745612	0.9	3	22	1.5	18100	5
745613	0.9	3	26	1.8	23400	5
745614	1.2	1	25	2.0	19100	5
745615	0.7	<1	24	1.4	14400	4
745616	0.6	1	9	0.4	80500	4
745617	0.7	<1	12	1.0	31700	5
745618	<0.5	<1	8	0.5	40100	4
745619	2.3	1	30	2.1	12400	6
745620	2.3	1	34	2.0	39900	5
745621	1.2	<1	15	1.0	42400	7
745622	1.4	<1	25	1.8	33700	4
745623	2.0	<1	35	2.2	20900	10
745624	2.1	<1	35	2.6	32200	7
745625	3.4	2	48	3.8	38500	9
745626	0.8	2	32	1.9	42600	7
745627	1.1	<1	24	1.4	46000	2
745628	1.5	<1	27	1.8	29500	7
745629	1.8	<1	30	1.6	35000	4
745630	1.1	<1	22	1.8	36000	3
745631	2.4	<1	56	2.8	31200	5
745632	1.1	<1	24	1.3	29400	7
745633	2.6	1	44	3.4	33100	9
745634	2.5	2	42	2.8	18200	6
745635	1.8	2	30	2.2	40600	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (491-588)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745636	1.4	1	24	1.4	44100	3
745637	2.3	2	45	3.0	19300	7
745638	1.2	<1	18	1.4	40100	4
745639	0.9	<1	29	1.6	27200	5
745640	<0.5	2	9	0.4	43100	3
745641	0.5	<1	11	1.0	67900	9
745642	1.1	<1	21	1.6	49700	5
745643	<0.5	<1	16	1.0	60500	6
745644	1.7	<1	33	2.5	33100	10
745645	2.0	<1	43	2.9	53200	9
745646	1.1	<1	15	0.5	33200	6
745647	1.4	<1	24	1.3	14200	5
745648	<0.5	<1	18	1.1	22100	5
745649	0.5	<1	20	1.1	38200	5
745650	2.7	<1	32	1.9	36300	4
745651	4.9	<1	66	4.6	21200	10
745652	2.0	<1	31	2.1	33400	10
745653	1.5	<1	23	1.4	44500	8
745654	1.5	<1	30	2.1	46900	8
745655	1.5	<1	20	1.4	20400	6
745656	1.3	<1	22	1.3	28900	9
745657	2.0	<1	31	2.2	16300	10
745658	1.5	<1	26	1.4	22100	7
745659	1.7	<1	30	1.7	54100	9
745660	<0.5	<1	14	0.5	29500	4
745661	1.5	<1	24	1.3	18900	9
745662	1.4	<1	22	1.5	41000	9
745663	1.6	<1	23	1.1	36900	9
745664	1.5	<1	27	1.3	36300	8

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Order Number
Submission Number
Samples (491-588)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19260

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745665	2.1	<1	36	2.8	44200	7
745666	0.9	<1	16	0.8	54200	6
745667	1.4	<1	26	1.1	38700	10
745668	3.3	<1	48	3.5	31800	9
745669	3.2	<1	37	2.7	45200	12
745670	1.1	<1	19	0.9	22300	5
745671	2.8	<1	41	2.9	38700	11
745672	1.3	<1	22	1.1	47000	7
745673	1.3	<1	21	1.1	42300	4
745674	1.5	<1	26	1.9	33000	6
745675	0.9	<1	17	1.0	25600	5
745676	0.5	<1	12	0.3	25100	3
745677	0.9	<1	19	0.9	23900	7
745678	1.6	<1	29	2.4	11800	6
745679	0.8	<1	22	1.3	32400	5
745680	<0.5	<1	18	0.7	43200	3
745681	1.7	<1	31	1.7	40100	4
745682	1.7	<1	35	1.7	37000	6
745683	0.8	<1	20	0.8	35900	3
745684	1.6	<1	24	1.3	35600	4
745685	1.6	<1	33	1.5	36700	302
745686	1.6	<1	23	1.4	26100	6
745687	1.2	<1	30	1.6	37000	4
745688	4.3	<1	61	4.4	36300	17
745689	0.9	<1	19	1.0	38300	7
*Rep 745651	5.6	<1	67	3.7	21000	11
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 745680	<0.5	<1	19	0.8	43400	3
*Std AMIS0841	740	9	9330	983	1700	1170

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
Submission Number CRITICAL RESOURCES/973
Samples (491-588)
Number of Samples 98

ANALYSIS REPORT BBM22-19260

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std MMISRM19	136	4	646	43.8	6200	147
*Rep 745603	0.8	<1	11	0.9	45800	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19261

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number	CRITICAL RESOURCES/Graphic	Date Analysed	13-Jul-2022 - 08-Nov-2022
Lake/973 Samples (589-686)		Date Completed	24-Nov-2022
Number of Samples	98	SGS Order Number	BBM22-19261

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745690	0.09	7	49.7	<30	<0.4	23400
745691	0.07	5	18.3	40	<0.4	37300
745692	0.07	11	15.8	<30	<0.4	30100
745693	0.08	10	9.4	<30	<0.4	15600
745694	0.07	7	8.0	<30	<0.4	26500
745695	0.07	3	19.7	<30	0.4	13800
745696	0.08	4	8.2	<30	<0.4	14900
745697	0.08	5	12.7	<30	0.6	35200
745698	0.09	6	7.0	<30	<0.4	14400
745699	0.08	4	7.2	<30	0.4	11900
745700	0.07	6	11.7	<30	<0.4	8780
745701	0.06	2	97.6	<30	<0.4	750
745702	0.08	8	6.2	<30	<0.4	12300
745703	0.09	8	7.8	<30	<0.4	21400
745704	0.09	8	15.2	<30	<0.4	31400
745705	0.10	2	123	<30	0.4	1250
745706	0.08	11	9.2	<30	<0.4	54000
745707	0.09	6	18.0	<30	<0.4	19500
745708	0.09	5	81.4	<30	<0.4	49800
745709	0.08	7	18.1	<30	<0.4	30400
745710	0.08	5	17.8	<30	0.6	37900
745711	0.09	10	3.8	<30	<0.4	49200
745712	0.07	12	3.8	<30	0.5	35600
745713	0.08	2	45.3	<30	<0.4	740
745714	0.11	4	2.4	<30	0.6	40000
745715	0.09	5	3.5	<30	<0.4	43600
745716	0.07	6	4.8	<30	<0.4	7480
745717	0.06	7	8.3	<30	0.4	11700
745718	0.08	7	5.3	<30	<0.4	19500

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
745719	0.09	5	6.3	<30	<0.4	41500
745720	0.10	5	5.7	<30	<0.4	69700
745721	0.09	9	8.2	<30	0.5	55400
745722	0.10	9	8.6	<30	<0.4	30000
745723	0.10	7	25.9	<30	<0.4	68500
745724	0.07	3	8.2	<30	<0.4	43900
745725	0.09	4	14.6	<30	<0.4	24800
745726	0.07	5	13.2	<30	<0.4	18300
745727	0.12	6	12.8	<30	<0.4	39200
745728	0.10	7	6.9	<30	<0.4	23900
745729	0.14	4	6.3	<30	<0.4	21000
745730	0.11	7	10.6	40	0.5	22100
745731	0.11	11	10.3	<30	<0.4	27600
745732	0.10	6	16.3	<30	<0.4	31800
745733	0.08	16	9.2	<30	0.6	36500
745734	0.08	7	7.1	<30	0.6	30800
745735	0.09	4	24.3	<30	<0.4	23400
745736	0.08	8	9.2	<30	0.4	41400
745737	0.10	6	29.4	<30	<0.4	24400
745738	0.09	7	14.8	40	<0.4	42000
745739	0.08	3	11.3	<30	<0.4	36300
745740	0.10	3	13.3	<30	<0.4	19200
745741	0.10	<1	130	40	<0.4	2620
745742	0.11	5	13.0	<30	<0.4	26100
745743	0.09	5	12.8	<30	<0.4	17900
745744	0.13	7	11.8	<30	<0.4	5690
745745	0.08	4	18.9	<30	<0.4	16700
745746	0.09	8	21.9	<30	<0.4	27800
745747	0.11	10	13.9	<30	<0.4	30000

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
745748	0.09	7	12.5	60	<0.4	23500
745749	0.07	8	6.9	30	<0.4	18200
745750	0.11	7	11.8	<30	<0.4	49000
745751	0.08	5	14.3	40	<0.4	28500
745752	0.09	2	90.5	<30	<0.4	1210
745753	0.10	1	95.0	30	<0.4	1070
745754	0.08	1	115	<30	<0.4	2410
745755	0.09	1	169	40	<0.4	1150
745756	0.09	3	19.1	40	<0.4	20400
745757	0.07	4	11.9	<30	<0.4	15100
745758	0.08	6	50.1	<30	<0.4	14100
745759	0.10	5	118	<30	<0.4	5960
745760	0.07	6	20.7	<30	<0.4	24600
745761	0.09	9	14.6	<30	<0.4	19000
745762	0.08	4	26.7	30	<0.4	20400
745763	0.10	5	11.6	<30	<0.4	22800
745764	0.09	5	20.3	40	<0.4	15100
745765	0.09	5	18.1	<30	<0.4	25400
745766	0.09	7	48.3	50	<0.4	18100
745767	0.08	1	126	<30	<0.4	1300
745768	0.07	7	22.2	30	<0.4	14000
745769	0.09	<1	127	30	<0.4	1370
745770	0.08	3	39.7	60	<0.4	19800
745771	0.08	8	13.3	<30	<0.4	22600
745772	0.10	12	66.1	<30	<0.4	6760
745773	0.09	8	11.0	<30	<0.4	23600
745774	0.08	4	17.1	<30	<0.4	38200
745775	0.08	3	17.6	<30	<0.4	17300
745776	0.09	7	20.4	<30	<0.4	24500

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745777	0.09	2	12.0	<30	<0.4	20400
745778	0.07	5	14.0	<30	<0.4	18000
745779	0.07	6	23.0	<30	<0.4	35100
745780	0.10	1	82.3	40	<0.4	1350
745781	0.08	5	22.3	50	<0.4	27300
745782	0.07	6	15.0	40	<0.4	24600
745783	0.09	4	26.4	<30	<0.4	22100
745784	0.12	4	27.7	<30	<0.4	30000
745785	0.08	4	39.1	<30	<0.4	37100
745786	0.13	4	13.9	<30	<0.4	26400
745787	0.10	8	8.2	<30	<0.4	33200
*Rep 745692	-	11	16.0	<30	0.7	29600
*Std MMISRM19	-	30	46.9	<30	8.6	4660
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 745722	-	8	8.1	<30	<0.4	29200
*Rep 745734	-	7	7.1	<30	<0.4	30000
*Rep 745752	-	4	102	<30	<0.4	1210
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 745767	-	<1	132	<30	<0.4	1250
*Std AMIS0841	-	16	435	70	13.0	730
*Rep 745777	-	3	13.2	<30	<0.4	20900

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745690	2.5	2085	93	146	146	100
745691	2.5	2384	82	109	109	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745692	2.1	2419	94	68	68	100
745693	1.3	1008	127	46	46	100
745694	1.3	2082	266	51	51	100
745695	0.8	2236	87	111	111	<100
745696	0.6	1463	44	43	43	<100
745697	<0.5	2642	219	75	75	<100
745698	<0.5	2037	154	45	45	<100
745699	<0.5	1702	60	53	53	<100
745700	<0.5	2509	97	60	60	<100
745701	0.6	1152	131	32	32	<100
745702	<0.5	1073	43	37	37	<100
745703	<0.5	1910	95	41	41	<100
745704	<0.5	1642	117	35	35	<100
745705	0.8	1496	103	99	99	<100
745706	<0.5	1808	338	49	49	<100
745707	<0.5	1981	50	41	41	<100
745708	0.5	2900	107	36	36	100
745709	<0.5	2329	96	79	79	100
745710	<0.5	2104	193	41	41	<100
745711	<0.5	1953	91	35	35	100
745712	<0.5	1293	111	42	42	<100
745713	<0.5	1492	119	52	52	<100
745714	<0.5	2542	102	23	23	<100
745715	<0.5	1793	151	30	30	<100
745716	<0.5	844	29	41	41	<100
745717	0.9	1015	80	55	55	<100
745718	<0.5	1263	65	41	41	<100
745719	0.7	1917	180	53	53	100
745720	0.7	2463	234	50	50	<100

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 Number of Samples 98

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745721	0.6	2422	221	70	70	100
745722	0.5	2119	166	43	43	<100
745723	<0.5	2711	360	80	80	100
745724	<0.5	2008	264	39	39	100
745725	<0.5	2216	133	53	53	<100
745726	<0.5	2019	125	85	85	200
745727	<0.5	2558	96	68	68	<100
745728	<0.5	1466	96	39	39	200
745729	<0.5	1172	60	33	33	200
745730	<0.5	1306	72	39	39	100
745731	<0.5	1578	95	45	45	<100
745732	<0.5	2117	206	40	40	<100
745733	<0.5	2236	417	54	54	100
745734	<0.5	1604	195	30	30	100
745735	<0.5	2163	104	81	81	100
745736	<0.5	2572	277	45	45	100
745737	<0.5	2056	238	66	66	100
745738	<0.5	2571	139	66	66	100
745739	3.1	2475	34	43	43	<100
745740	2.5	1410	136	58	58	<100
745741	2.8	1243	234	144	144	<100
745742	1.1	1806	117	67	67	<100
745743	0.8	2358	54	68	68	<100
745744	1.0	1205	76	60	60	<100
745745	0.9	1829	92	103	103	<100
745746	0.7	2164	324	85	85	<100
745747	0.6	1653	218	70	70	100
745748	0.9	1178	181	62	62	<100
745749	<0.5	1137	62	39	39	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745750	0.5	1687	197	51	51	100
745751	0.6	2385	113	114	114	<100
745752	1.1	1131	207	61	61	<100
745753	3.2	1214	258	128	128	<100
745754	1.6	1406	359	110	110	<100
745755	4.9	1049	635	214	214	<100
745756	0.6	1407	107	39	39	<100
745757	<0.5	1297	158	50	50	<100
745758	<0.5	1625	262	61	61	<100
745759	<0.5	1672	664	81	81	<100
745760	0.6	2403	303	87	87	100
745761	<0.5	1815	112	76	76	100
745762	<0.5	1980	108	103	103	200
745763	<0.5	2212	41	85	85	100
745764	0.6	2065	57	140	140	100
745765	1.3	2524	176	80	80	100
745766	1.1	1539	243	97	97	100
745767	2.0	1389	198	233	233	<100
745768	<0.5	1416	82	82	82	100
745769	2.2	1693	182	99	99	<100
745770	<0.5	1719	205	78	78	100
745771	<0.5	1905	63	68	68	100
745772	<0.5	1697	332	77	77	<100
745773	<0.5	1640	118	62	62	200
745774	<0.5	2182	213	65	65	100
745775	<0.5	2104	78	64	64	100
745776	<0.5	2939	77	100	100	100
745777	<0.5	2062	33	80	80	100
745778	<0.5	2792	89	83	83	100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745779	<0.5	3133	85	87	87	100
745780	1.4	1520	185	127	127	<100
745781	<0.5	1845	81	61	61	<100
745782	<0.5	1985	129	71	71	<100
745783	<0.5	1633	79	57	57	200
745784	<0.5	2013	103	72	72	100
745785	<0.5	2184	98	51	51	<100
745786	<0.5	1956	59	46	46	<100
745787	<0.5	1691	81	47	47	100
*Rep 745692	1.8	2435	94	72	72	100
*Std MMISRM19	<0.5	1847	52	349	622	100
*Blk BLANK	0.6	<2	<2	<2	<1	<100
*Rep 745722	0.5	2130	167	40	40	<100
*Rep 745734	<0.5	1612	192	32	32	100
*Rep 745752	1.0	1119	224	60	60	<100
*Blk BLANK	0.6	<2	<2	<2	<1	<100
*Rep 745767	2.6	1360	203	243	243	<100
*Std AMIS0841	13.4	154	12	7490	944	100
*Rep 745777	<0.5	2121	29	88	88	100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745690	49.3	2200	12.2	6.7	6.9	34
745691	8.9	1600	8.3	4.7	6.5	35
745692	21.7	2410	5.8	2.9	4.6	31
745693	51.1	1940	4.1	2.2	2.7	14

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745694	10.4	1810	3.1	1.9	3.8	28
745695	9.2	1580	10.1	4.5	4.2	31
745696	11.9	1580	3.3	2.0	2.7	18
745697	23.0	1790	5.6	2.5	4.9	34
745698	12.0	1710	3.6	1.8	2.8	25
745699	11.8	1600	4.5	1.9	2.1	22
745700	18.9	1580	5.2	2.1	2.3	32
745701	11.0	1050	2.5	1.0	0.7	14
745702	12.3	1260	4.0	1.8	1.9	15
745703	29.2	1590	3.1	1.5	2.9	23
745704	48.8	1520	2.4	1.6	3.8	21
745705	6.6	1360	8.3	4.0	2.2	21
745706	7.8	2310	2.9	1.3	6.0	22
745707	75.0	1340	3.9	2.4	3.1	25
745708	145	1980	2.1	1.4	5.2	34
745709	17.5	1600	6.4	3.0	5.0	30
745710	31.7	1380	2.7	1.6	4.5	26
745711	3.6	2170	2.5	1.3	5.3	24
745712	2.2	3000	3.7	1.8	4.7	17
745713	2.9	1350	4.3	2.1	1.1	18
745714	35.6	2080	2.1	0.9	4.5	29
745715	15.7	980	2.4	1.4	4.7	21
745716	24.6	1260	3.7	1.6	1.7	12
745717	97.9	1310	5.3	3.0	2.4	14
745718	65.1	1410	2.9	1.5	3.1	16
745719	5.7	1590	3.8	2.2	5.3	24
745720	2.3	1340	3.0	1.9	8.0	30
745721	3.2	1880	4.8	2.4	7.0	31
745722	8.5	1630	2.9	1.1	4.0	26

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745723	7.2	1660	5.0	2.7	8.2	34
745724	9.8	1200	2.5	1.2	5.1	27
745725	46.4	1500	4.5	2.2	3.8	28
745726	17.8	1700	7.1	3.0	3.9	26
745727	13.0	1650	5.5	2.0	5.7	31
745728	8.5	2010	2.9	1.2	2.5	19
745729	8.5	1580	2.6	0.9	2.8	16
745730	11.7	1570	2.7	1.4	2.8	17
745731	17.7	1510	3.9	2.2	3.8	20
745732	13.4	1930	3.1	1.7	4.2	25
745733	8.9	3080	4.1	2.1	4.9	28
745734	13.1	1470	2.1	1.4	3.6	21
745735	127	1300	6.0	3.2	4.1	27
745736	73.9	1860	3.5	1.8	5.5	31
745737	34.9	1850	4.5	2.1	3.8	25
745738	94.9	1740	5.3	3.0	5.1	31
745739	15.0	1070	3.6	2.0	4.9	30
745740	35.4	1810	4.4	2.5	3.2	19
745741	4.1	1240	12.6	6.2	3.3	20
745742	14.5	1480	5.2	3.2	4.6	24
745743	4.1	850	5.7	2.3	3.3	28
745744	5.5	1090	4.7	2.3	2.1	16
745745	23.4	1120	8.6	3.9	3.9	24
745746	13.6	1400	7.8	3.3	4.9	28
745747	6.8	1460	5.9	3.0	4.6	23
745748	6.8	1920	4.6	1.8	3.9	17
745749	8.4	1440	3.2	1.5	3.0	15
745750	11.5	1460	3.3	1.9	6.7	21
745751	21.7	960	10.2	4.6	5.3	29

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 Lake/973 Samples (589-686)
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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745752	179	1190	3.7	1.8	1.1	14
745753	42.5	1410	10.9	5.5	3.0	24
745754	23.8	880	8.7	4.7	2.6	22
745755	11.9	1300	18.5	10.1	5.2	31
745756	74.1	1350	2.5	1.3	2.9	17
745757	20.8	1270	3.8	1.9	2.8	17
745758	37.1	1440	4.2	2.1	2.7	19
745759	48.3	1220	5.9	3.6	2.2	21
745760	13.9	1510	5.2	3.4	4.3	30
745761	11.9	2090	6.5	3.7	3.7	22
745762	20.2	1250	9.0	3.7	4.5	26
745763	4.6	1390	7.2	3.4	4.1	29
745764	6.7	1480	11.5	6.2	4.8	29
745765	10.9	1290	6.6	2.2	4.5	30
745766	53.7	1310	7.5	4.5	4.3	20
745767	64.4	1460	13.7	6.7	4.0	20
745768	67.4	1610	7.2	3.3	3.3	20
745769	96.6	1870	8.5	5.0	2.4	24
745770	34.7	1780	6.9	3.0	3.6	21
745771	52.2	2140	6.6	3.1	4.2	23
745772	13.8	1640	5.7	3.4	2.6	21
745773	33.4	2000	5.0	2.4	3.6	21
745774	49.0	1890	4.8	2.5	5.0	25
745775	29.5	1060	4.9	2.6	3.3	26
745776	4.5	1150	7.8	4.1	4.9	38
745777	3.8	710	5.9	3.0	4.1	27
745778	3.6	990	7.0	3.4	3.8	35
745779	4.3	920	7.1	4.0	5.5	39
745780	149	1340	9.9	5.8	2.8	21

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745781	29.7	1040	3.7	2.1	3.8	22
745782	23.3	1820	5.2	2.4	4.2	26
745783	28.2	1370	4.6	1.9	3.5	20
745784	32.3	1440	6.2	2.8	4.9	25
745785	21.2	1020	3.6	2.0	4.6	26
745786	26.2	1440	4.0	1.7	3.9	23
745787	113	1190	3.6	1.7	3.9	20
*Rep 745692	21.1	2420	5.2	3.2	5.0	32
*Std MMISRM19	32.6	3860	102	44.0	32.3	32
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.3	<1
*Rep 745722	8.7	1590	2.8	1.4	3.8	26
*Rep 745734	13.3	1470	1.8	1.1	3.5	20
*Rep 745752	174	1270	4.1	2.3	1.3	14
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.4	<1
*Rep 745767	65.5	1520	13.1	6.0	3.7	21
*Std AMIS0841	325	37500	1690	869	542	36
*Rep 745777	4.2	760	8.1	3.9	4.0	28

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745690	7	17.9	4	0.1	363	70.7
745691	6	11.1	4	<0.1	348	53.0
745692	7	6.2	6	<0.1	376	32.9
745693	3	4.0	1	<0.1	275	19.0
745694	7	5.8	2	<0.1	242	24.6
745695	4	14.0	3	<0.1	246	51.5

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745696	4	4.2	2	<0.1	223	19.0
745697	6	6.7	4	<0.1	389	35.0
745698	5	5.4	1	<0.1	241	20.4
745699	4	5.5	4	<0.1	330	23.5
745700	3	6.5	3	<0.1	230	25.4
745701	3	2.4	2	<0.1	336	13.4
745702	3	4.6	4	<0.1	260	14.7
745703	4	4.8	3	<0.1	244	18.0
745704	6	3.7	1	<0.1	333	15.7
745705	4	10.2	3	<0.1	256	39.9
745706	6	4.2	2	<0.1	299	22.0
745707	5	4.2	3	<0.1	255	17.5
745708	4	3.2	<1	<0.1	878	22.8
745709	8	6.7	9	0.2	323	38.5
745710	5	3.3	3	<0.1	286	18.5
745711	4	3.3	2	<0.1	232	15.7
745712	2	3.7	1	<0.1	266	17.4
745713	2	6.0	2	<0.1	225	19.0
745714	3	3.3	2	<0.1	1119	10.1
745715	3	3.2	<1	<0.1	222	13.9
745716	2	4.5	2	<0.1	224	15.7
745717	4	6.4	4	<0.1	375	24.8
745718	2	4.1	1	<0.1	247	15.4
745719	4	5.9	3	<0.1	267	25.6
745720	7	4.9	2	<0.1	178	25.4
745721	6	7.0	3	<0.1	237	33.7
745722	5	4.4	3	<0.1	287	20.8
745723	9	7.1	3	<0.1	260	43.0
745724	8	3.5	1	<0.1	333	23.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745725	4	5.0	5	<0.1	302	24.3
745726	8	8.5	5	<0.1	371	40.9
745727	4	6.4	1	<0.1	214	33.4
745728	3	2.5	<1	<0.1	290	16.8
745729	4	3.0	1	<0.1	384	14.7
745730	4	2.5	3	<0.1	374	16.4
745731	4	4.4	6	<0.1	322	21.1
745732	5	3.9	5	<0.1	285	18.7
745733	5	4.3	7	<0.1	403	25.3
745734	6	2.3	4	<0.1	427	14.4
745735	5	8.8	6	<0.1	327	37.3
745736	6	4.1	2	<0.1	228	20.2
745737	6	5.2	6	<0.1	346	31.6
745738	5	7.9	6	<0.1	393	32.3
745739	4	4.6	3	<0.1	256	22.6
745740	5	6.6	6	<0.1	390	29.0
745741	4	16.7	3	<0.1	209	60.9
745742	5	7.9	10	<0.1	367	34.8
745743	6	7.0	4	<0.1	193	33.0
745744	5	6.3	3	<0.1	264	28.1
745745	6	11.1	6	<0.1	278	48.4
745746	6	9.1	8	<0.1	301	42.1
745747	6	7.1	10	<0.1	296	32.6
745748	6	6.3	6	<0.1	421	29.6
745749	5	5.2	6	<0.1	296	16.7
745750	5	4.8	7	<0.1	273	24.7
745751	6	13.0	4	<0.1	247	51.5
745752	2	5.4	3	<0.1	392	27.8
745753	5	14.6	2	0.2	216	54.8

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745754	4	10.9	3	0.1	238	52.5
745755	8	22.5	4	0.4	368	92.9
745756	4	4.1	3	<0.1	292	18.5
745757	6	4.4	6	<0.1	352	25.1
745758	6	5.9	3	<0.1	268	31.0
745759	5	8.2	3	<0.1	235	40.6
745760	10	8.9	9	<0.1	333	41.7
745761	5	8.0	5	<0.1	353	35.8
745762	5	10.9	6	<0.1	323	48.6
745763	4	9.2	5	<0.1	212	38.7
745764	5	16.0	6	0.1	280	66.6
745765	7	7.8	6	<0.1	275	37.4
745766	5	10.9	6	<0.1	316	44.3
745767	4	18.2	3	<0.1	221	114
745768	6	8.5	9	<0.1	397	39.8
745769	5	10.9	4	0.1	409	44.2
745770	4	9.0	6	<0.1	317	36.6
745771	4	8.7	8	<0.1	380	28.3
745772	5	9.4	3	<0.1	322	34.1
745773	5	7.3	8	<0.1	319	29.3
745774	4	6.6	5	<0.1	256	30.9
745775	4	7.9	7	0.1	289	29.8
745776	7	11.1	4	<0.1	220	47.0
745777	5	8.0	2	<0.1	221	38.5
745778	6	8.9	4	<0.1	212	40.0
745779	7	10.4	3	<0.1	214	42.1
745780	3	12.1	4	0.2	254	61.7
745781	3	6.9	3	<0.1	252	30.3
745782	5	8.2	8	<0.1	317	31.8

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745783	5	7.0	4	<0.1	333	28.1
745784	4	8.1	7	<0.1	351	37.4
745785	4	4.9	4	<0.1	222	28.3
745786	4	5.3	4	<0.1	262	22.7
745787	5	4.4	2	<0.1	177	25.5
*Rep 745692	6	6.6	6	<0.1	375	32.5
*Std MMISRM19	4	133	6	<0.1	181	164
*Blk BLANK	<1	<0.2	<1	0.1	<1	0.6
*Rep 745722	5	3.3	2	<0.1	275	18.5
*Rep 745734	7	2.9	5	<0.1	418	14.8
*Rep 745752	3	5.2	2	<0.1	391	28.1
*Blk BLANK	<1	<0.2	<1	0.1	<1	<0.5
*Rep 745767	5	20.4	2	0.2	225	123
*Std AMIS0841	76	2220	1	1.0	186	5360
*Rep 745777	5	9.3	4	<0.1	239	40.3

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745690	<10	181	200000	5	5.9	78
745691	<10	206	223000	5	6.9	54
745692	10	237	259000	5	7.7	37
745693	<10	147	110000	4	6.6	24
745694	<10	173	271000	5	5.5	23
745695	<10	169	189000	4	3.4	59
745696	<10	179	123000	3	1.9	22
745697	<10	176	230000	5	2.7	38

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 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745698	<10	185	207000	4	2.6	22
745699	<10	205	152000	2	2.0	33
745700	<10	165	173000	3	2.0	34
745701	<10	194	164000	3	0.7	16
745702	<10	97	141000	3	0.9	22
745703	<10	211	211000	4	<0.5	21
745704	<10	197	256000	4	2.2	18
745705	<10	292	152000	4	<0.5	55
745706	<10	230	370000	6	1.4	24
745707	<10	204	162000	3	2.7	23
745708	<10	499	175000	4	8.5	16
745709	10	231	329000	5	1.2	36
745710	<10	275	289000	5	1.4	21
745711	<10	266	156000	2	<0.5	18
745712	<10	112	71200	3	1.6	22
745713	<10	253	78200	3	<0.5	31
745714	<10	203	115000	7	3.5	15
745715	<10	149	165000	3	2.4	16
745716	<10	81	125000	2	0.6	24
745717	<10	162	175000	5	2.3	31
745718	<10	103	159000	3	1.8	22
745719	<10	165	189000	4	1.5	25
745720	<10	171	366000	6	2.2	23
745721	<10	183	297000	4	0.8	34
745722	<10	217	264000	4	3.5	20
745723	<10	194	517000	9	<0.5	35
745724	<10	232	407000	6	1.5	17
745725	<10	202	174000	3	<0.5	28
745726	<10	192	285000	5	<0.5	42

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 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745727	<10	192	147000	2	<0.5	33
745728	<10	158	183000	4	1.7	16
745729	10	183	213000	3	7.6	15
745730	<10	220	186000	3	0.5	20
745731	<10	127	187000	4	0.7	25
745732	<10	177	293000	5	1.8	19
745733	<10	197	321000	6	1.0	25
745734	<10	150	272000	6	4.0	17
745735	10	294	192000	6	<0.5	42
745736	<10	296	274000	5	1.4	22
745737	<10	214	213000	4	<0.5	33
745738	<10	222	209000	5	<0.5	34
745739	<10	237	155000	3	8.0	24
745740	10	155	169000	2	7.3	29
745741	<10	174	69700	3	2.5	76
745742	<10	135	181000	4	2.5	35
745743	<10	168	190000	3	1.7	35
745744	<10	163	161000	3	3.3	31
745745	<10	192	188000	5	2.0	51
745746	<10	174	216000	2	1.0	43
745747	<10	133	217000	2	1.5	37
745748	<10	136	243000	3	4.4	32
745749	<10	99	139000	2	1.1	23
745750	<10	135	240000	4	1.2	25
745751	<10	201	167000	5	1.2	58
745752	<10	256	47300	<1	<0.5	29
745753	<10	177	62200	2	1.1	70
745754	<10	137	64800	3	<0.5	55
745755	<10	162	68600	5	0.7	112

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 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745756	10	227	144000	2	6.6	19
745757	<10	154	277000	3	1.8	23
745758	<10	237	233000	4	0.5	29
745759	<10	231	176000	4	0.5	43
745760	10	190	376000	4	1.4	43
745761	<10	198	182000	3	1.7	42
745762	10	229	184000	3	0.7	54
745763	<10	143	160000	4	0.6	48
745764	<10	156	166000	1	1.2	72
745765	<10	200	242000	5	2.7	45
745766	<10	214	145000	4	1.4	49
745767	<10	186	48800	<1	1.0	112
745768	10	178	175000	3	1.1	43
745769	<10	207	67300	<1	<0.5	55
745770	<10	213	168000	2	1.4	41
745771	<10	172	105000	2	<0.5	43
745772	<10	278	137000	3	<0.5	40
745773	<10	166	157000	3	1.2	33
745774	<10	172	201000	2	1.1	30
745775	<10	210	184000	1	<0.5	33
745776	<10	153	197000	5	<0.5	51
745777	<10	162	176000	5	0.6	43
745778	<10	120	295000	6	<0.5	43
745779	<10	120	173000	4	<0.5	43
745780	<10	239	43200	<1	<0.5	65
745781	<10	183	120000	3	1.3	29
745782	<10	191	182000	3	0.9	38
745783	<10	174	163000	<1	3.2	27
745784	10	282	176000	3	1.1	39

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 Number of Samples 98

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745785	<10	223	181000	2	1.4	23
745786	<10	188	128000	3	2.0	22
745787	<10	109	180000	1	3.2	24
*Rep 745692	10	234	262000	5	7.6	36
*Std MMISRM19	<10	277	15700	28	<0.5	485
*Blk BLANK	<10	<1	<10	<1	<0.5	<1
*Rep 745722	<10	218	258000	3	1.7	20
*Rep 745734	<10	153	277000	5	2.7	16
*Rep 745752	<10	268	50600	3	<0.5	29
*Blk BLANK	<10	<1	<10	<1	1.2	<1
*Rep 745767	<10	188	50500	2	0.6	123
*Std AMIS0841	<10	16	47900	63	0.9	11300
*Rep 745777	<10	163	179000	3	<0.5	47

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745690	610	108	2110	<1	20.3	0.3
745691	270	78.9	980	<1	13.9	<0.2
745692	340	67.8	400	2	10.2	<0.2
745693	320	73.9	330	1	6.2	0.2
745694	260	77.2	430	<1	6.4	<0.2
745695	320	80.4	990	<1	14.3	0.2
745696	210	54.9	230	<1	5.5	<0.2
745697	280	96.7	500	<1	9.5	<0.2
745698	220	58.4	380	<1	5.8	<0.2
745699	200	65.5	330	<1	6.9	<0.2

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745700	260	73.5	490	<1	7.9	0.4
745701	120	82.2	70	<1	4.2	<0.2
745702	140	62.4	100	<1	5.1	<0.2
745703	250	73.8	130	<1	5.3	0.3
745704	340	105	100	<1	4.1	<0.2
745705	540	86.1	430	<1	12.9	<0.2
745706	700	100	120	<1	6.4	0.3
745707	470	75.2	130	<1	5.3	<0.2
745708	340	63.5	350	<1	4.1	<0.2
745709	490	73.8	500	<1	9.1	0.2
745710	790	89.1	120	<1	5.1	<0.2
745711	840	72.0	100	<1	4.6	<0.2
745712	630	88.0	100	<1	5.4	<0.2
745713	260	61.5	170	<1	6.9	<0.2
745714	200	74.9	200	<1	2.9	0.2
745715	190	39.1	160	2	3.3	<0.2
745716	100	62.3	100	<1	5.4	<0.2
745717	210	131	160	<1	7.7	0.3
745718	170	71.1	90	<1	5.2	<0.2
745719	250	76.6	390	2	7.1	<0.2
745720	520	53.6	220	<1	5.9	<0.2
745721	490	62.8	370	<1	8.5	<0.2
745722	450	53.3	200	<1	4.8	<0.2
745723	630	59.5	530	2	9.5	<0.2
745724	400	53.0	150	<1	4.6	<0.2
745725	490	77.8	410	2	6.9	<0.2
745726	300	69.4	600	<1	10.9	<0.2
745727	440	57.1	550	1	7.9	<0.2
745728	180	50.2	130	<1	4.0	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745729	170	53.3	160	1	4.1	<0.2
745730	260	71.2	180	<1	4.5	<0.2
745731	250	93.1	330	<1	5.3	<0.2
745732	290	62.7	270	<1	5.1	<0.2
745733	310	86.4	410	4	6.6	<0.2
745734	310	57.8	190	<1	3.8	<0.2
745735	960	64.8	540	<1	10.3	<0.2
745736	990	64.8	250	1	5.3	<0.2
745737	860	58.5	420	<1	8.1	<0.2
745738	590	58.2	550	<1	8.2	<0.2
745739	470	56.8	310	<1	6.2	0.3
745740	540	61.5	360	<1	7.8	<0.2
745741	480	74.2	930	<1	19.3	<0.2
745742	420	68.2	410	<1	8.9	0.3
745743	290	57.6	400	<1	8.8	<0.2
745744	120	53.2	360	<1	7.7	<0.2
745745	270	65.4	1230	<1	13.1	<0.2
745746	320	77.8	640	<1	11.1	<0.2
745747	230	69.2	420	<1	9.1	0.2
745748	160	76.0	330	1	7.9	<0.2
745749	130	93.7	100	<1	5.3	<0.2
745750	210	71.4	360	2	6.5	0.3
745751	300	78.0	1130	<1	14.2	<0.2
745752	320	61.1	510	<1	8.1	<0.2
745753	570	63.1	3200	<1	17.1	<0.2
745754	280	79.8	1130	<1	14.2	<0.2
745755	520	96.8	3680	<1	27.7	<0.2
745756	330	39.8	190	<1	4.7	<0.2
745757	240	53.8	260	<1	5.9	<0.2

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745758	270	60.9	480	<1	8.0	<0.2
745759	400	86.3	1000	<1	11.1	<0.2
745760	380	78.7	530	<1	10.7	<0.2
745761	260	57.6	690	<1	9.5	<0.2
745762	370	67.1	860	2	12.8	<0.2
745763	230	60.7	510	<1	10.7	<0.2
745764	240	83.2	1330	<1	17.1	<0.2
745765	370	47.7	580	1	10.4	<0.2
745766	400	78.3	1000	2	12.9	<0.2
745767	430	59.9	2160	<1	30.0	<0.2
745768	330	90.0	550	<1	10.5	<0.2
745769	660	77.0	1920	<1	13.1	<0.2
745770	370	74.3	440	<1	10.2	<0.2
745771	410	106	980	2	8.6	<0.2
745772	490	91.0	390	2	9.4	<0.2
745773	330	70.5	410	1	7.9	<0.2
745774	530	77.3	540	1	7.8	<0.2
745775	330	48.9	380	<1	7.7	<0.2
745776	280	59.2	730	<1	12.4	0.4
745777	170	44.6	450	<1	9.9	<0.2
745778	240	53.8	460	<1	10.9	<0.2
745779	280	63.8	680	<1	10.6	<0.2
745780	410	55.7	1600	<1	16.1	<0.2
745781	350	49.7	370	<1	7.2	<0.2
745782	280	72.3	430	<1	8.7	<0.2
745783	490	52.4	410	<1	7.0	<0.2
745784	990	53.7	460	<1	9.3	<0.2
745785	1120	53.4	250	<1	6.4	<0.2
745786	970	46.1	350	1	5.9	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745787	1470	40.2	260	<1	6.1	<0.2
*Rep 745692	350	68.9	410	<1	9.0	<0.2
*Std MMISRM19	2930	4.0	3190	<1	91.3	0.4
*Blk BLANK	<10	<0.5	<40	<1	0.7	<0.2
*Rep 745722	450	48.8	190	<1	4.9	<0.2
*Rep 745734	300	57.3	190	<1	3.6	<0.2
*Rep 745752	310	62.2	510	<1	7.1	<0.2
*Blk BLANK	<10	<0.5	<40	<1	0.6	0.3
*Rep 745767	430	63.0	2250	<1	30.7	<0.2
*Std AMIS0841	660	4.7	830	1	2490	<0.2
*Rep 745777	190	52.5	500	<1	11.0	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745690	1820	15	26	17	<10	5690
745691	1200	13	25	12	<10	11000
745692	1970	13	28	7	<10	9390
745693	1850	5	23	5	<10	4070
745694	1020	7	21	5	<10	3990
745695	660	4	23	13	<10	6720
745696	731	2	12	4	<10	5410
745697	1300	1	19	7	<10	10800
745698	830	1	17	4	<10	4800
745699	1060	1	21	6	<10	5090
745700	858	3	21	6	<10	4940
745701	1380	<1	12	3	<10	1980

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Order Number CRITICAL RESOURCES
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 Number of Samples 98

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745702	1420	<1	15	5	<10	3460
745703	1660	<1	19	5	<10	5160
745704	2070	<1	17	2	<10	5420
745705	815	<1	16	10	<10	3370
745706	972	1	16	5	<10	7700
745707	2090	<1	22	4	<10	5800
745708	4790	2	19	3	<10	19400
745709	1580	<1	23	7	<10	7990
745710	1140	<1	21	4	<10	5820
745711	331	<1	21	3	<10	7770
745712	313	<1	20	4	<10	5430
745713	350	<1	14	5	<10	1770
745714	6420	<1	17	3	<10	13000
745715	1380	<1	17	4	<10	7800
745716	1250	<1	14	6	<10	2480
745717	2980	1	16	7	<10	4620
745718	1830	<1	15	4	<10	5360
745719	873	2	19	6	<10	18200
745720	301	<1	18	4	<10	12600
745721	585	1	26	6	<10	8780
745722	1340	1	22	4	<10	7600
745723	1270	<1	24	7	<10	12200
745724	2110	<1	26	4	<10	9320
745725	2100	<1	25	5	<10	6990
745726	2460	<1	31	10	<10	5310
745727	1070	<1	20	6	<10	10600
745728	1040	<1	26	3	<10	5500
745729	1390	<1	33	2	<10	4220
745730	1830	<1	25	4	<10	6240

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Order Number CRITICAL RESOURCES
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 Number of Samples 98

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745731	1510	<1	21	5	<10	6050
745732	1640	<1	24	4	<10	8870
745733	1230	<1	26	5	<10	10300
745734	2010	<1	23	3	<10	6830
745735	1660	<1	30	8	<10	7160
745736	1150	<1	29	5	<10	10000
745737	1660	<1	25	6	<10	7810
745738	1950	<1	23	8	<10	8790
745739	966	11	8	5	<10	9340
745740	2270	8	14	7	<10	5070
745741	829	5	14	18	<10	2660
745742	1300	5	12	7	<10	5510
745743	371	4	10	8	<10	7180
745744	789	4	14	6	<10	1890
745745	1140	3	15	12	<10	6920
745746	1780	4	15	9	<10	6300
745747	1400	2	18	8	<10	6480
745748	1480	4	16	7	<10	5010
745749	1110	3	15	5	<10	3690
745750	1370	3	18	6	<10	10400
745751	1160	2	15	14	<10	9020
745752	2340	1	<5	5	<10	3270
745753	1180	2	11	15	<10	2120
745754	899	3	12	12	<10	4170
745755	1110	4	23	23	<10	1620
745756	2040	2	16	4	<10	4480
745757	1970	2	8	5	<10	4940
745758	1640	<1	12	6	<10	5700
745759	993	1	12	9	<10	6010

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745760	1450	3	22	8	<10	7190
745761	1150	3	21	8	<10	4680
745762	1240	2	29	11	<10	5030
745763	536	2	23	10	<10	9160
745764	842	3	26	16	<10	6820
745765	803	3	17	9	<10	7870
745766	1400	2	21	10	<10	4920
745767	1080	2	17	20	<10	2970
745768	2120	3	23	9	<10	3700
745769	2030	1	14	10	<10	4260
745770	1260	2	19	10	<10	6440
745771	1870	4	24	9	<10	8760
745772	1000	1	15	8	<10	3850
745773	1270	3	22	8	<10	6600
745774	1610	<1	17	7	<10	9320
745775	1430	1	19	7	<10	6340
745776	514	3	21	11	<10	10400
745777	524	<1	18	8	<10	6940
745778	432	<1	23	7	<10	5830
745779	519	2	23	9	<10	8990
745780	1280	2	20	13	<10	3340
745781	996	1	16	6	<10	9070
745782	1510	2	15	7	<10	6260
745783	2050	<1	22	5	<10	7560
745784	1700	1	21	7	<10	9560
745785	948	<1	14	5	<10	8990
745786	1430	1	15	6	<10	9470
745787	1050	<1	17	4	<10	7980
*Rep 745692	2000	10	28	7	<10	9290

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
*Std MMISRM19	683	3	102	128	<10	7890
*Blk BLANK	<1	2	<5	<1	<10	<10
*Rep 745722	1290	<1	25	3	<10	7550
*Rep 745734	1950	1	25	3	<10	6920
*Rep 745752	2310	1	<5	5	<10	3160
*Blk BLANK	<1	2	<5	<1	<10	<10
*Rep 745767	1060	2	18	19	<10	2880
*Std AMIS0841	2970	12	2140	2500	<10	430
*Rep 745777	541	1	20	11	<10	6990

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745690	3	2.6	<10	12.5	500	6.4
745691	3	1.7	<10	7.4	400	2.2
745692	4	1.1	<10	4.4	300	2.8
745693	3	0.8	<10	2.2	300	3.1
745694	3	0.8	<10	2.6	300	2.1
745695	2	1.8	<10	10.2	400	3.3
745696	<2	0.6	<10	2.9	200	4.0
745697	2	1.1	<10	5.6	300	3.5
745698	<2	0.7	<10	2.1	200	2.7
745699	2	0.7	<10	3.1	300	0.5
745700	2	1.1	<10	3.5	300	3.6
745701	<2	0.6	<10	1.9	300	1.2
745702	<2	0.6	<10	3.4	200	3.7
745703	<2	0.8	<10	1.8	200	3.5

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745704	<2	0.5	<10	1.4	400	2.0
745705	<2	1.6	<10	6.0	300	2.2
745706	<2	0.6	<10	1.3	400	0.8
745707	<2	0.6	<10	2.3	300	3.7
745708	4	0.5	<10	1.3	200	12.3
745709	<2	1.2	<10	4.6	300	2.3
745710	<2	0.7	<10	1.4	300	1.5
745711	<2	0.7	<10	<0.5	300	0.6
745712	2	0.6	<10	1.6	300	0.2
745713	<2	0.7	<10	2.4	200	0.3
745714	<2	0.4	<10	<0.5	300	2.2
745715	<2	0.5	<10	<0.5	100	0.8
745716	<2	0.7	<10	2.0	200	1.1
745717	<2	1.0	10	6.9	500	3.0
745718	<2	0.6	<10	3.1	300	3.3
745719	<2	0.9	<10	2.5	300	1.1
745720	<2	0.5	<10	1.0	200	0.6
745721	<2	1.0	<10	2.1	300	0.5
745722	<2	0.6	<10	1.4	200	2.5
745723	<2	1.0	<10	3.1	300	2.2
745724	<2	0.6	<10	0.9	200	1.5
745725	<2	1.0	<10	1.6	300	7.7
745726	<2	1.3	<10	4.9	300	2.3
745727	<2	1.1	<10	2.5	200	3.3
745728	2	0.5	<10	1.2	200	0.5
745729	5	0.5	<10	<0.5	200	0.4
745730	<2	0.5	<10	1.5	300	2.1
745731	<2	0.7	<10	2.2	400	3.2
745732	<2	0.7	<10	0.9	300	2.8

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Order Number CRITICAL RESOURCES
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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745733	<2	0.8	<10	1.3	400	0.9
745734	2	0.4	<10	0.7	200	2.1
745735	<2	1.2	<10	5.3	300	10.0
745736	<2	0.6	<10	<0.5	200	4.6
745737	<2	1.1	<10	4.6	300	5.0
745738	<2	1.0	<10	3.8	300	3.4
745739	3	0.7	10	3.4	200	4.6
745740	3	1.1	<10	4.4	200	4.0
745741	2	2.4	20	13.1	200	2.6
745742	<2	0.9	10	5.2	200	4.6
745743	<2	1.1	10	4.5	200	1.8
745744	<2	1.1	10	3.5	200	2.6
745745	<2	1.7	<10	9.2	200	2.6
745746	<2	1.2	10	6.4	300	2.4
745747	<2	1.0	<10	4.3	200	1.7
745748	2	0.9	<10	3.2	300	1.4
745749	<2	0.5	<10	2.4	400	1.2
745750	<2	0.6	<10	2.6	300	2.2
745751	<2	1.9	<10	8.2	300	3.5
745752	<2	0.7	10	3.0	200	7.1
745753	<2	1.8	<10	8.2	200	6.5
745754	<2	1.4	<10	5.8	300	2.9
745755	<2	3.3	<10	16.3	400	1.6
745756	3	0.6	<10	1.3	100	6.6
745757	<2	0.7	<10	3.2	200	2.1
745758	<2	0.9	<10	3.7	200	6.2
745759	<2	1.2	<10	3.2	300	9.7
745760	<2	1.2	<10	4.4	300	1.2
745761	<2	1.1	<10	5.1	200	1.9

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745762	<2	1.5	10	9.0	300	4.3
745763	<2	1.3	<10	4.7	200	1.7
745764	<2	2.3	<10	9.0	400	2.0
745765	<2	1.2	10	6.7	200	2.5
745766	<2	1.7	<10	8.0	300	7.7
745767	<2	2.7	20	9.8	200	8.0
745768	<2	1.2	<10	5.3	400	4.0
745769	<2	1.4	<10	4.3	300	4.4
745770	<2	1.2	<10	6.2	300	5.1
745771	<2	1.1	<10	5.8	400	5.2
745772	<2	1.1	<10	6.3	300	5.1
745773	<2	0.9	<10	4.9	300	3.9
745774	<2	0.9	<10	3.0	300	4.4
745775	<2	0.9	<10	4.6	200	4.2
745776	<2	1.5	<10	7.0	300	1.5
745777	<2	1.3	<10	4.3	200	1.0
745778	<2	1.3	<10	3.8	200	0.6
745779	<2	1.5	<10	7.5	300	0.9
745780	<2	1.7	<10	11.7	200	6.4
745781	<2	0.7	<10	3.4	200	3.6
745782	<2	1.0	<10	5.0	300	1.6
745783	<2	0.7	<10	2.6	200	4.8
745784	<2	1.1	<10	4.6	200	6.8
745785	<2	0.6	<10	2.1	200	4.9
745786	<2	0.7	<10	1.8	200	1.4
745787	<2	0.6	<10	1.6	100	4.9
*Rep 745692	4	1.1	10	4.1	300	3.4
*Std MMISRM19	<2	18.1	<10	123	<100	3.9
*Blk BLANK	<2	0.2	<10	<0.5	<100	0.2

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 745722	<2	0.7	<10	1.0	200	2.1
*Rep 745734	3	0.4	<10	0.9	200	2.1
*Rep 745752	<2	0.8	<10	2.7	200	8.1
*Blk BLANK	<2	0.2	10	<0.5	<100	0.2
*Rep 745767	<2	3.0	<10	10.4	300	7.1
*Std AMIS0841	3	310	<10	1080	<100	8.4
*Rep 745777	<2	1.4	<10	4.7	200	1.0

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745690	6.4	<1	68	5.7	44500	19
745691	2.8	1	47	3.1	42300	13
745692	1.5	<1	30	2.1	61200	11
745693	1.1	<1	20	1.8	22100	5
745694	1.1	<1	22	1.4	39000	7
745695	3.4	<1	53	4.1	43600	17
745696	1.2	<1	19	1.7	30700	4
745697	1.6	<1	34	2.0	54100	9
745698	0.7	<1	19	1.3	38700	5
745699	1.1	<1	25	1.4	32800	7
745700	1.2	<1	28	2.1	35600	6
745701	1.2	<1	14	0.5	15400	5
745702	1.4	<1	18	1.3	11200	4
745703	0.8	<1	17	1.0	33700	4
745704	1.0	<1	14	1.0	35900	3
745705	3.0	<1	49	3.6	29800	10

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ANALYSIS REPORT BBM22-19261

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745706	0.8	<1	20	1.4	39800	4
745707	1.3	<1	20	1.4	31200	5
745708	0.7	<1	13	0.9	100000	3
745709	1.7	<1	33	2.2	39200	11
745710	0.9	<1	17	1.1	46500	4
745711	<0.5	<1	16	1.1	48400	<2
745712	0.8	<1	18	1.3	31900	4
745713	1.4	<1	23	1.9	22400	3
745714	<0.5	<1	13	0.9	43200	2
745715	<0.5	<1	13	0.8	26500	3
745716	0.9	<1	20	1.4	10000	5
745717	1.7	<1	26	2.4	12300	7
745718	0.8	<1	17	1.1	17500	3
745719	0.8	<1	23	1.8	45800	6
745720	<0.5	<1	18	1.4	49100	4
745721	0.9	<1	27	2.2	40700	6
745722	0.5	<1	17	1.3	48500	5
745723	1.1	<1	30	1.8	38600	6
745724	<0.5	<1	15	1.1	39800	5
745725	1.2	<1	23	1.8	32500	5
745726	1.6	<1	37	2.7	34000	10
745727	0.9	<1	27	1.9	38700	6
745728	<0.5	<1	13	0.8	31200	5
745729	<0.5	<1	13	1.0	30600	5
745730	0.9	<1	15	1.4	30400	5
745731	0.9	<1	20	1.4	25300	5
745732	0.5	<1	15	1.1	26500	6
745733	0.6	2	22	1.4	53200	6
745734	<0.5	<1	13	1.0	38600	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element Method	U GE_MMIMV	W GE_MMIMV	Y GE_MMIMV	Yb GE_MMIMV	Zn GE_MMIMV	Zr GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745735	2.2	<1	36	2.7	35400	7
745736	<0.5	<1	19	1.4	43800	5
745737	2.1	<1	28	2.0	44700	9
745738	1.2	<1	30	2.7	30100	10
745739	0.8	1	20	1.3	41300	5
745740	1.7	<1	24	2.0	33200	10
745741	4.9	1	68	4.8	25100	12
745742	1.7	2	29	2.3	20900	11
745743	1.4	<1	29	2.5	41200	8
745744	1.6	<1	27	2.0	24500	8
745745	3.5	1	46	3.4	41500	9
745746	3.0	<1	36	2.9	40700	10
745747	2.1	1	30	2.2	25400	11
745748	1.9	<1	25	1.6	25300	12
745749	1.2	1	18	1.0	9600	6
745750	1.3	<1	20	1.8	28400	6
745751	2.5	1	52	3.5	31600	8
745752	2.4	<1	24	1.9	17700	5
745753	4.5	2	63	4.7	28000	14
745754	3.3	<1	49	3.5	29500	357
745755	7.0	2	107	7.8	48300	24
745756	1.0	<1	15	1.2	35500	7
745757	1.5	<1	20	1.6	26000	9
745758	2.2	<1	27	1.8	28200	5
745759	3.4	<1	36	2.8	45700	6
745760	2.1	<1	34	2.7	29400	228
745761	2.0	1	35	2.6	38200	11
745762	3.8	1	46	3.4	65500	14
745763	2.2	1	41	2.8	33300	12

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745764	3.8	<1	64	4.4	51600	15
745765	1.8	1	32	2.1	81400	10
745766	3.5	1	43	2.8	32400	11
745767	4.0	1	84	4.8	23900	9
745768	2.9	1	35	3.0	35900	13
745769	3.6	<1	48	3.7	23900	10
745770	2.9	<1	35	2.9	34800	10
745771	2.0	<1	32	2.7	18800	10
745772	3.8	<1	36	2.6	36100	6
745773	2.0	<1	28	2.0	23000	10
745774	1.6	<1	25	1.6	38700	5
745775	1.8	<1	28	2.6	31300	9
745776	2.8	1	44	3.1	60300	16
745777	1.8	<1	35	3.1	32700	11
745778	1.7	<1	34	2.7	40000	11
745779	3.5	<1	42	2.9	51300	20
745780	4.8	<1	52	3.4	15900	8
745781	1.8	<1	25	1.9	41000	6
745782	1.9	<1	31	2.1	38800	13
745783	1.8	<1	23	2.2	25400	8
745784	2.1	<1	30	2.1	33900	11
745785	1.1	<1	19	1.4	51300	4
745786	0.9	<1	20	1.7	35700	5
745787	0.7	<1	18	1.4	38500	4
*Rep 745692	2.0	1	30	2.7	60600	13
*Std MMISRM19	128	3	496	35.3	6500	121
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 745722	<0.5	<1	16	1.2	47700	5
*Rep 745734	<0.5	3	13	0.8	38900	6

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (589-686)
 Number of Samples 98

ANALYSIS REPORT BBM22-19261

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 745752	1.9	<1	24	1.4	18900	5
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 745767	4.0	<1	85	5.2	24900	9
*Std AMIS0841	558	11	7440	762	1400	992
*Rep 745777	2.2	<1	41	2.4	33500	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19263

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number	CRITICAL RESOURCES/Graphic	Date Analysed	13-Jul-2022 - 08-Nov-2022
Lake/973 Samples (687-784)		Date Completed	23-Nov-2022
Number of Samples	98	SGS Order Number	BBM22-19263

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745788	0.13	5	13.4	<30	<0.4	33200
745789	0.09	7	15.4	<30	<0.4	27100
745790	0.16	4	10.4	<30	<0.4	27200
745791	0.08	10	20.1	<30	<0.4	38000
745792	0.12	1	176	<30	<0.4	3710
745793	0.10	7	31.5	60	<0.4	43700
745794	0.11	4	36.2	30	<0.4	15600
745795	0.09	5	26.5	<30	<0.4	33700
745796	0.13	2	142	<30	<0.4	3150
745797	0.10	3	35.1	<30	<0.4	21700
745798	0.10	5	16.3	40	<0.4	30600
745799	0.08	4	16.8	40	<0.4	41900
745800	0.12	7	16.8	<30	<0.4	18100
745801	0.12	8	14.6	30	<0.4	38700
745802	0.08	6	13.4	40	<0.4	31800
745803	0.09	8	15.8	<30	<0.4	36200
745804	0.08	7	10.7	<30	<0.4	15700
745805	0.11	3	22.4	<30	<0.4	45900
745806	0.10	5	16.5	<30	<0.4	50900
745807	0.08	7	10.2	<30	<0.4	9680
745808	0.08	6	26.9	50	<0.4	28200
745809	0.07	11	6.7	50	<0.4	24500
745810	0.08	4	10.4	<30	<0.4	21000
745811	0.06	10	12.6	<30	<0.4	16500
745812	0.10	6	6.1	<30	<0.4	17000
745813	0.08	2	14.4	40	<0.4	34000
745814	0.09	2	11.7	<30	<0.4	10300
745815	0.08	2	19.5	<30	<0.4	14000
745816	0.10	3	18.9	40	<0.4	8420

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
745817	0.11	4	23.6	60	<0.4	15700
745818	0.08	7	24.9	90	<0.4	63000
745819	0.09	8	10.7	<30	<0.4	12400
745820	0.11	5	14.8	<30	<0.4	7720
745821	0.12	3	12.0	30	<0.4	10900
745822	0.09	5	14.1	<30	<0.4	14100
745823	0.12	6	17.1	<30	<0.4	7680
745824	0.11	11	14.2	<30	<0.4	9280
745825	0.10	7	20.4	40	<0.4	24100
745826	0.10	6	14.5	30	<0.4	16100
745827	0.11	3	9.7	<30	<0.4	22000
745828	0.09	5	13.4	30	<0.4	22500
745829	0.10	5	25.1	<30	<0.4	37000
745830	0.09	9	23.0	<30	<0.4	32000
745831	0.11	2	12.1	40	<0.4	7640
745832	0.11	4	14.2	<30	<0.4	11800
745833	0.11	4	20.4	<30	<0.4	26100
745834	0.10	7	16.4	<30	<0.4	20500
745835	0.10	6	13.9	<30	<0.4	12600
745836	0.11	5	14.4	40	<0.4	16100
745837	0.10	6	38.1	<30	<0.4	26500
745838	0.10	4	27.1	40	<0.4	29400
745839	0.08	6	11.7	<30	<0.4	23700
745840	0.11	5	9.2	40	<0.4	25200
745841	0.11	4	16.2	40	<0.4	38400
745842	0.08	4	46.1	70	<0.4	36400
745843	0.10	6	11.4	30	<0.4	17000
745844	0.09	4	17.3	80	<0.4	27200
745845	0.10	4	11.6	<30	<0.4	24100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method	WTKG G_WGH_KG	Ag GE_MMIMV	Al GE_MMIMV	As GE_MMIMV	Au GE_MMIMV	Ba GE_MMIMV
Lower Limit	0.01	1	0.1	30	0.4	40
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
745846	0.08	6	16.4	<30	<0.4	57400
745847	0.10	8	14.0	<30	<0.4	68700
745848	0.11	5	24.5	<30	<0.4	32600
745849	0.10	11	26.1	30	<0.4	57300
745850	0.12	12	16.0	40	<0.4	44600
745851	0.07	11	9.8	<30	<0.4	39000
745852	0.09	7	17.7	80	<0.4	56400
745853	0.08	7	11.5	40	<0.4	27900
745854	0.07	7	13.3	70	<0.4	39200
745855	0.10	6	6.8	40	<0.4	47700
745856	0.10	<1	106	60	<0.4	3700
745857	0.08	12	14.1	40	<0.4	69500
745858	0.08	5	11.7	<30	<0.4	37500
745859	0.09	11	11.0	<30	<0.4	31700
745860	0.07	8	19.7	50	<0.4	41100
745861	0.10	7	13.5	<30	<0.4	53300
745862	0.07	16	11.5	40	<0.4	59000
745863	0.09	4	20.9	50	<0.4	20700
745864	0.08	2	108	40	<0.4	9180
745865	0.10	2	12.8	70	<0.4	38200
745866	0.08	6	24.7	60	<0.4	56200
745867	0.07	5	19.6	50	<0.4	51700
745868	0.07	7	19.6	30	<0.4	35900
745869	0.07	6	42.0	40	<0.4	61100
745870	0.08	6	18.5	60	<0.4	44400
745871	0.08	10	22.4	50	<0.4	46500
745872	0.08	12	20.7	<30	<0.4	101000
745873	0.09	14	5.4	<30	<0.4	56300
745874	0.10	7	16.5	70	<0.4	63100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745875	0.09	13	9.5	50	<0.4	53700
745876	0.09	8	4.8	<30	<0.4	27100
745877	0.07	4	9.8	<30	<0.4	28900
745878	0.10	3	11.6	<30	<0.4	93000
745879	0.08	11	17.1	<30	<0.4	50700
745880	0.08	7	5.5	50	<0.4	58000
745881	0.08	2	15.6	40	<0.4	30400
745882	0.05	8	23.9	40	<0.4	27900
745883	0.08	4	34.0	80	<0.4	11900
745884	0.08	7	17.1	<30	<0.4	25300
745885	0.07	5	19.0	<30	<0.4	45000
*Rep 745801	-	9	14.4	<30	<0.4	38800
*Rep 745815	-	3	19.1	<30	<0.4	14200
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Std MMISRM24	-	22	71.3	40	4.8	430
*Rep 745831	-	3	12.8	<30	<0.4	7420
*Rep 745844	-	4	16.0	<30	<0.4	27100
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 745868	-	8	20.1	70	<0.4	35400
*Std AMIS0841	-	21	562	100	8.5	950
*Rep 745873	-	14	5.5	<30	<0.4	56600

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745788	3.5	2818	149	47	47	100
745789	1.9	1793	94	50	50	100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745790	2.1	2082	123	21	21	200
745791	1.1	1983	138	49	49	200
745792	1.5	2150	303	136	136	<100
745793	0.8	1729	107	55	55	200
745794	0.8	2321	81	81	81	<100
745795	0.5	1643	94	54	54	100
745796	1.0	1389	373	89	89	<100
745797	0.7	1365	26	64	64	200
745798	0.9	1433	25	74	74	200
745799	<0.5	2493	104	49	49	100
745800	<0.5	2028	109	77	77	100
745801	0.7	2003	101	44	44	200
745802	0.5	2333	205	81	81	200
745803	<0.5	1796	153	73	73	100
745804	<0.5	1782	90	68	68	100
745805	<0.5	1551	120	41	41	<100
745806	<0.5	1765	90	59	59	100
745807	<0.5	1514	29	122	122	100
745808	<0.5	2360	77	115	115	200
745809	<0.5	2799	112	43	43	100
745810	<0.5	2007	190	48	48	100
745811	<0.5	1420	70	59	59	100
745812	<0.5	982	29	37	37	100
745813	<0.5	2866	140	110	110	<100
745814	1.4	2696	46	47	47	200
745815	1.2	2516	53	39	39	200
745816	0.6	2678	39	74	74	100
745817	<0.5	2265	54	97	97	100
745818	0.5	2579	147	87	87	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745819	<0.5	1690	37	78	78	100
745820	<0.5	2176	40	101	101	100
745821	<0.5	2024	48	64	64	100
745822	<0.5	2225	27	71	71	100
745823	<0.5	2222	31	88	88	100
745824	<0.5	2153	37	84	84	100
745825	<0.5	2149	39	94	94	200
745826	<0.5	2956	57	88	88	<100
745827	<0.5	2334	44	77	77	<100
745828	<0.5	2477	58	81	81	100
745829	<0.5	2461	119	90	90	100
745830	<0.5	2745	73	66	66	100
745831	<0.5	1679	40	73	73	100
745832	<0.5	2696	32	65	65	100
745833	<0.5	2844	57	76	76	100
745834	<0.5	2810	53	97	97	<100
745835	<0.5	2065	44	63	63	<100
745836	<0.5	1942	49	106	106	100
745837	2.1	1673	47	47	47	<100
745838	1.4	2285	106	58	58	<100
745839	1.4	1871	95	66	66	<100
745840	1.0	1602	100	41	41	100
745841	1.1	1566	124	49	49	100
745842	1.3	2387	164	131	131	100
745843	0.7	1848	136	34	34	100
745844	0.7	1759	96	82	82	<100
745845	0.7	1691	26	54	54	<100
745846	<0.5	1940	143	94	94	200
745847	<0.5	2549	191	49	49	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745848	<0.5	2098	59	70	70	200
745849	<0.5	2418	165	61	61	300
745850	<0.5	1828	120	52	52	300
745851	<0.5	2467	175	40	40	200
745852	<0.5	2648	123	62	62	200
745853	<0.5	2153	113	40	40	200
745854	<0.5	1822	150	41	41	100
745855	<0.5	1860	162	48	48	200
745856	0.9	1725	347	104	104	200
745857	<0.5	2660	165	58	58	300
745858	<0.5	2452	138	82	82	200
745859	<0.5	3256	214	78	78	200
745860	<0.5	2794	160	66	66	200
745861	<0.5	2229	158	56	56	200
745862	1.5	2538	255	61	61	300
745863	1.4	1950	173	80	80	300
745864	1.2	1888	264	153	153	100
745865	0.6	2492	75	98	98	300
745866	<0.5	2794	134	43	43	200
745867	<0.5	3455	214	96	96	300
745868	<0.5	2760	271	61	61	300
745869	<0.5	4615	243	68	68	300
745870	<0.5	4760	187	66	66	200
745871	<0.5	2416	180	75	75	300
745872	<0.5	2498	153	53	53	200
745873	<0.5	2689	97	67	67	200
745874	<0.5	2324	88	113	113	300
745875	<0.5	2090	142	51	51	300
745876	<0.5	1898	72	34	34	200

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745877	<0.5	2246	142	57	57	300
745878	<0.5	3838	166	29	29	100
745879	<0.5	1767	71	59	59	100
745880	<0.5	2168	197	36	36	100
745881	<0.5	1907	66	63	63	200
745882	<0.5	2421	82	95	95	200
745883	<0.5	2326	48	177	177	200
745884	<0.5	1661	65	51	51	200
745885	<0.5	2781	205	78	78	200
*Rep 745801	0.5	1961	100	46	46	200
*Rep 745815	0.9	2497	52	43	43	200
*Blk BLANK	0.6	<2	<2	<2	<1	<100
*Std MMISRM24	0.7	114	9	124	31	<100
*Rep 745831	<0.5	1635	37	75	75	100
*Rep 745844	0.7	1720	94	83	83	<100
*Blk BLANK	1.3	<2	<2	<2	<1	<100
*Rep 745868	<0.5	2704	271	66	66	300
*Std AMIS0841	13.2	168	13	8200	1240	300
*Rep 745873	<0.5	2777	101	62	62	300

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745788	27.4	1490	4.6	1.8	3.9	32
745789	18.0	1500	4.2	1.7	3.5	21
745790	42.5	1580	2.2	0.6	3.5	23
745791	14.8	1410	3.4	1.8	4.4	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745792	5.5	1190	11.7	4.8	3.5	25
745793	20.1	1050	3.8	1.7	5.1	20
745794	30.7	1030	7.8	4.0	3.8	26
745795	17.6	2010	4.5	2.5	4.4	19
745796	310	1200	7.1	4.4	2.2	18
745797	232	980	4.7	2.0	3.7	17
745798	127	1150	7.1	2.9	5.2	18
745799	22.6	1370	4.6	2.2	5.5	30
745800	46.6	1770	6.5	3.8	3.6	24
745801	15.8	1580	3.4	1.6	4.7	23
745802	11.7	1860	5.9	3.4	4.4	30
745803	7.1	1230	5.9	2.7	6.2	22
745804	18.6	1480	6.4	2.7	3.5	21
745805	12.2	1180	2.9	1.8	5.7	18
745806	12.3	1310	5.1	2.8	6.3	20
745807	15.9	1280	9.9	5.7	4.3	20
745808	21.1	1520	10.4	5.0	5.1	31
745809	80.8	1680	4.3	2.0	3.2	30
745810	11.2	1210	4.8	2.0	3.1	22
745811	17.9	1370	5.8	2.3	2.7	18
745812	27.5	1290	2.7	1.3	2.7	12
745813	7.7	1130	9.5	4.3	6.6	33
745814	3.7	990	3.8	2.2	2.5	33
745815	4.8	840	3.2	1.3	2.0	31
745816	4.2	960	7.5	3.2	3.2	33
745817	6.4	930	9.9	4.4	3.7	30
745818	19.5	1540	6.7	3.1	8.0	32
745819	5.2	1470	7.7	3.4	3.1	22
745820	6.4	1260	10.3	4.9	3.3	27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745821	7.3	930	5.3	2.3	2.6	24
745822	5.9	1130	5.9	3.8	3.4	28
745823	8.5	1230	7.4	4.5	3.2	26
745824	14.6	1630	7.3	3.4	3.4	25
745825	56.3	1240	8.0	4.2	4.5	27
745826	12.1	1270	9.7	4.3	4.3	34
745827	11.7	1070	7.3	3.9	4.3	27
745828	12.5	1190	8.2	3.7	4.3	28
745829	57.0	1290	5.4	3.0	5.3	29
745830	17.8	1480	6.1	2.9	4.5	31
745831	12.2	1240	6.7	3.0	2.7	21
745832	4.7	1190	5.7	3.0	3.0	32
745833	4.7	1000	7.0	3.3	4.4	33
745834	9.0	1040	9.4	4.7	4.8	33
745835	9.8	1130	6.3	3.0	2.5	24
745836	17.8	1250	9.5	5.0	3.8	25
745837	19.8	1160	4.2	1.3	3.7	21
745838	33.6	900	5.2	2.8	4.7	27
745839	24.1	1270	6.1	2.6	3.9	23
745840	54.5	1430	4.2	1.8	3.3	20
745841	66.5	1640	4.1	1.4	5.0	20
745842	72.9	1380	11.8	6.1	6.4	33
745843	24.2	1910	2.4	1.2	2.2	23
745844	40.4	1120	6.6	3.2	4.5	23
745845	7.2	970	4.6	2.5	3.7	21
745846	37.2	1490	8.2	4.4	6.9	26
745847	25.6	2030	4.0	1.8	7.4	30
745848	13.1	1380	5.5	2.9	4.7	25
745849	42.6	1910	4.8	2.5	6.6	29

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745850	22.5	2770	4.8	2.2	5.5	22
745851	11.3	1960	3.7	1.5	4.5	28
745852	48.9	1390	5.1	2.5	7.0	31
745853	43.2	1760	3.3	1.4	3.7	26
745854	23.8	1340	3.0	1.7	4.8	23
745855	17.2	2050	4.2	2.0	6.1	23
745856	88.9	1740	8.7	4.1	2.6	23
745857	42.3	1690	4.9	3.2	8.4	31
745858	24.5	1350	6.5	3.8	5.7	29
745859	7.4	1790	7.3	4.5	5.1	38
745860	29.9	1500	5.2	2.8	4.9	32
745861	27.2	1460	4.7	2.2	5.8	26
745862	20.4	2490	5.1	2.4	6.8	31
745863	39.2	1710	6.4	3.1	3.7	25
745864	45.3	1450	10.9	6.0	4.1	26
745865	13.0	1330	8.0	4.5	5.5	30
745866	53.1	1660	3.0	1.9	5.9	32
745867	56.9	1610	9.8	4.7	7.2	41
745868	83.3	1670	4.9	2.5	4.9	33
745869	147	1900	6.8	3.3	7.2	53
745870	119	2280	6.1	2.9	5.7	52
745871	31.6	2180	6.3	3.4	5.6	30
745872	34.0	1600	5.0	3.1	10.8	28
745873	46.1	2080	6.2	1.9	6.1	30
745874	21.1	1320	7.8	4.9	8.0	28
745875	32.0	1900	4.1	2.3	5.9	25
745876	19.3	1620	2.9	1.5	3.5	22
745877	38.1	1430	5.2	2.7	3.7	27
745878	380	1800	3.0	1.4	10.0	43

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745879	66.7	1770	5.2	2.9	6.1	22
745880	20.2	1490	2.7	1.4	6.4	25
745881	56.1	1130	5.3	2.5	4.6	24
745882	37.3	1720	8.4	3.9	4.9	32
745883	12.0	860	18.1	9.3	6.2	34
745884	42.2	1610	3.9	1.9	3.1	19
745885	38.1	1390	6.3	3.4	5.4	33
*Rep 745801	15.9	1500	4.3	2.2	4.9	24
*Rep 745815	5.3	880	2.8	1.6	2.3	30
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.2	<1
*Std MMISRM24	17.8	440	7.4	3.3	2.5	17
*Rep 745831	12.4	1220	6.6	3.4	2.7	21
*Rep 745844	39.7	1080	6.5	3.5	4.1	23
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 745868	87.7	1560	4.8	2.7	5.2	33
*Std AMIS0841	342	41200	1900	978	606	43
*Rep 745873	46.5	2160	5.1	2.2	7.0	31

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745788	6	4.5	4	<0.1	310	25.8
745789	3	6.1	5	<0.1	229	24.9
745790	3	2.4	<1	<0.1	921	12.9
745791	4	5.1	3	<0.1	240	29.5
745792	3	12.9	2	<0.1	238	62.6
745793	4	4.2	2	<0.1	397	38.5

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745794	2	9.2	3	<0.1	236	39.0
745795	4	6.3	4	<0.1	241	25.4
745796	4	9.4	1	0.3	223	35.2
745797	3	5.8	3	<0.1	262	30.6
745798	4	9.7	2	<0.1	425	31.6
745799	4	6.1	3	<0.1	294	26.7
745800	3	8.9	6	0.1	275	35.6
745801	5	4.5	5	<0.1	404	22.0
745802	6	7.3	4	<0.1	323	40.4
745803	5	7.5	3	<0.1	218	33.8
745804	3	8.0	2	<0.1	185	29.7
745805	5	4.5	3	<0.1	174	20.7
745806	3	6.6	2	<0.1	192	28.9
745807	3	14.1	5	0.1	277	48.6
745808	7	12.4	9	0.1	419	54.2
745809	4	4.6	3	<0.1	281	20.9
745810	4	5.4	3	<0.1	287	21.9
745811	5	8.2	7	<0.1	376	24.8
745812	3	3.2	2	<0.1	323	16.1
745813	6	11.6	8	<0.1	342	51.9
745814	4	6.4	3	<0.1	205	22.0
745815	6	4.2	2	<0.1	309	18.0
745816	5	7.5	3	<0.1	280	35.6
745817	7	11.5	6	<0.1	301	47.6
745818	6	9.4	6	<0.1	376	43.2
745819	4	9.6	5	<0.1	275	35.0
745820	4	12.1	6	<0.1	257	47.6
745821	3	7.3	2	<0.1	224	30.4
745822	3	8.3	4	<0.1	387	32.7

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745823	3	11.0	10	<0.1	265	40.6
745824	4	10.3	7	<0.1	297	38.0
745825	5	10.7	7	<0.1	310	43.8
745826	3	12.7	7	<0.1	219	38.2
745827	2	8.8	6	<0.1	206	31.8
745828	5	9.8	5	<0.1	244	38.4
745829	5	9.7	5	<0.1	226	42.0
745830	4	7.4	7	<0.1	239	30.2
745831	3	8.7	4	<0.1	203	31.4
745832	4	7.6	4	<0.1	195	29.3
745833	5	9.0	2	<0.1	182	36.5
745834	5	12.9	4	<0.1	246	46.9
745835	3	7.5	7	<0.1	234	27.9
745836	3	10.9	5	<0.1	212	48.1
745837	6	4.6	3	0.1	219	24.2
745838	4	6.0	3	<0.1	215	29.3
745839	3	8.5	3	0.1	262	31.7
745840	4	5.3	4	<0.1	313	20.8
745841	3	4.8	7	<0.1	329	25.0
745842	5	15.0	10	<0.1	294	62.8
745843	5	3.3	7	<0.1	397	18.8
745844	5	10.3	7	<0.1	289	39.8
745845	3	6.0	4	<0.1	188	25.6
745846	5	10.5	9	<0.1	429	43.7
745847	5	5.1	4	<0.1	279	26.4
745848	5	7.4	5	<0.1	258	34.9
745849	8	6.5	5	<0.1	404	30.2
745850	3	5.6	4	<0.1	318	27.2
745851	5	4.6	4	<0.1	313	21.5

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745852	4	6.0	6	<0.1	297	33.1
745853	5	3.4	3	<0.1	311	20.2
745854	4	4.9	5	<0.1	404	21.3
745855	5	4.9	4	<0.1	288	24.6
745856	4	10.3	3	<0.1	280	46.1
745857	4	7.1	6	<0.1	369	30.7
745858	4	9.1	5	<0.1	385	41.1
745859	4	9.3	5	<0.1	210	35.9
745860	7	6.8	7	<0.1	274	33.1
745861	5	6.0	2	<0.1	283	28.4
745862	7	6.4	6	<0.1	428	31.2
745863	7	9.7	7	<0.1	582	40.9
745864	3	16.4	5	0.1	258	69.3
745865	4	10.5	5	<0.1	281	46.5
745866	7	4.4	5	<0.1	423	26.4
745867	6	12.2	11	<0.1	468	48.3
745868	8	5.4	6	<0.1	369	32.6
745869	6	8.6	4	<0.1	676	36.4
745870	5	8.1	5	<0.1	685	33.1
745871	5	7.9	7	<0.1	411	37.1
745872	5	6.4	3	<0.1	301	26.4
745873	3	7.1	2	<0.1	270	31.7
745874	3	13.0	4	<0.1	280	60.2
745875	6	6.2	5	<0.1	403	24.7
745876	4	4.7	4	<0.1	345	15.5
745877	7	6.2	5	<0.1	429	28.9
745878	3	4.3	2	<0.1	821	14.8
745879	5	6.7	4	<0.1	367	27.5
745880	7	3.9	2	<0.1	294	19.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745881	3	6.4	6	<0.1	260	30.2
745882	5	11.0	7	0.1	502	46.0
745883	7	24.4	7	0.2	446	80.0
745884	5	4.9	4	0.1	293	26.4
745885	7	8.4	9	0.1	416	37.6
*Rep 745801	6	4.6	7	<0.1	403	21.9
*Rep 745815	5	4.3	2	<0.1	308	20.6
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std MMISRM24	9	11.7	9	<0.1	15	54.9
*Rep 745831	3	8.9	5	<0.1	207	33.7
*Rep 745844	5	9.9	9	<0.1	279	41.9
*Blk BLANK	<1	0.3	<1	<0.1	<1	1.1
*Rep 745868	5	6.8	5	<0.1	386	35.3
*Std AMIS0841	102	2380	<1	1.5	202	6330
*Rep 745873	3	7.7	3	<0.1	264	30.4

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745788	<10	231	211000	4	4.8	22
745789	<10	158	113000	<1	3.0	27
745790	<10	288	126000	4	7.0	11
745791	<10	180	180000	5	4.6	22
745792	<10	205	55700	<1	<0.5	69
745793	<10	204	198000	2	1.9	23
745794	<10	205	110000	2	0.9	47
745795	<10	177	116000	1	<0.5	29

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Order Number CRITICAL RESOURCES
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 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745796	<10	268	109000	1	<0.5	45
745797	10	172	93300	3	1.0	32
745798	<10	170	107000	4	1.2	43
745799	<10	188	173000	1	0.8	25
745800	<10	169	136000	4	<0.5	41
745801	<10	204	250000	5	1.6	22
745802	<10	210	259000	5	1.1	42
745803	<10	170	210000	2	0.8	36
745804	<10	155	107000	3	<0.5	38
745805	<10	177	189000	3	0.7	20
745806	<10	174	140000	<1	1.2	32
745807	<10	139	65900	<1	<0.5	68
745808	<10	216	206000	4	<0.5	59
745809	<10	259	192000	1	1.1	22
745810	<10	174	183000	2	1.4	24
745811	<10	98	153000	4	<0.5	32
745812	10	125	126000	<1	1.1	19
745813	<10	214	207000	5	<0.5	57
745814	<10	245	164000	3	2.8	26
745815	<10	203	230000	4	3.5	21
745816	<10	190	160000	2	1.2	42
745817	<10	189	206000	9	<0.5	52
745818	<10	205	266000	2	<0.5	41
745819	<10	163	169000	3	1.1	43
745820	<10	157	174000	3	<0.5	55
745821	<10	178	135000	4	2.3	33
745822	<10	245	158000	3	0.7	39
745823	<10	145	106000	3	<0.5	50
745824	<10	184	144000	2	<0.5	47

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 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745825	<10	206	206000	5	<0.5	48
745826	<10	161	124000	<1	<0.5	53
745827	<10	178	107000	2	<0.5	44
745828	<10	237	174000	3	<0.5	47
745829	<10	232	235000	4	<0.5	44
745830	<10	213	183000	<1	<0.5	37
745831	<10	148	122000	2	<0.5	41
745832	<10	148	158000	3	<0.5	36
745833	<10	192	201000	2	<0.5	42
745834	<10	151	168000	4	<0.5	57
745835	<10	179	121000	3	<0.5	34
745836	<10	178	99400	3	<0.5	60
745837	<10	206	209000	4	3.5	24
745838	<10	199	133000	3	1.3	30
745839	<10	178	109000	2	1.6	36
745840	<10	198	167000	4	2.7	24
745841	10	213	154000	3	1.7	27
745842	<10	161	143000	3	0.7	67
745843	<10	234	217000	4	3.1	18
745844	<10	232	200000	5	0.9	45
745845	<10	133	105000	3	0.7	32
745846	<10	178	194000	4	1.0	51
745847	<10	186	229000	3	1.3	26
745848	<10	187	194000	3	<0.5	35
745849	<10	270	343000	3	1.2	33
745850	<10	203	196000	4	2.1	29
745851	<10	160	226000	4	1.2	22
745852	<10	194	189000	2	0.8	32
745853	<10	232	260000	2	1.9	22

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 Lake/973 Samples (687-784)
 Number of Samples 98

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745854	<10	185	236000	3	0.9	19
745855	<10	146	189000	2	1.3	28
745856	<10	191	97700	2	<0.5	62
745857	<10	231	239000	2	<0.5	33
745858	<10	209	204000	4	<0.5	46
745859	<10	194	167000	<1	<0.5	43
745860	<10	203	262000	4	<0.5	34
745861	<10	198	211000	<1	0.5	31
745862	<10	207	303000	5	2.7	29
745863	20	233	279000	4	5.2	42
745864	<10	208	68600	1	<0.5	79
745865	<10	200	108000	2	<0.5	54
745866	10	291	313000	2	0.6	22
745867	<10	272	246000	4	<0.5	52
745868	10	218	364000	4	<0.5	27
745869	<10	335	205000	3	<0.5	39
745870	<10	328	205000	3	<0.5	40
745871	<10	238	268000	6	<0.5	38
745872	<10	242	227000	5	<0.5	29
745873	<10	320	124000	2	<0.5	37
745874	<10	214	109000	<1	<0.5	58
745875	<10	178	279000	4	<0.5	23
745876	<10	165	212000	3	0.6	20
745877	<10	191	235000	2	0.7	30
745878	<10	381	177000	3	<0.5	19
745879	<10	219	229000	2	<0.5	31
745880	<10	171	298000	4	0.6	19
745881	<10	182	107000	<1	0.8	34
745882	10	199	192000	3	<0.5	50

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745883	<10	165	164000	3	<0.5	107
745884	<10	138	181000	1	<0.5	26
745885	<10	224	311000	3	<0.5	41
*Rep 745801	<10	201	251000	3	1.7	22
*Rep 745815	<10	200	225000	4	3.2	19
*Blk BLANK	<10	<1	<10	<1	0.9	<1
*Std MMISRM24	<10	22	620	32	<0.5	60
*Rep 745831	<10	146	120000	2	<0.5	43
*Rep 745844	<10	220	193000	4	<0.5	44
*Blk BLANK	<10	<1	<10	<1	0.7	<1
*Rep 745868	10	217	362000	4	<0.5	32
*Std AMIS0841	<10	18	55100	80	<0.5	12600
*Rep 745873	<10	334	128000	3	<0.5	35

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745788	400	60.7	450	<1	7.0	0.3
745789	360	52.7	340	<1	6.8	<0.2
745790	340	32.6	130	<1	3.0	<0.2
745791	640	44.7	290	<1	5.6	<0.2
745792	470	62.2	1780	<1	17.5	<0.2
745793	580	62.4	220	<1	6.2	<0.2
745794	870	51.7	720	<1	10.4	<0.2
745795	510	70.2	310	<1	7.0	<0.2
745796	570	81.2	590	<1	11.1	<0.2
745797	390	56.1	380	<1	8.1	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745798	600	82.0	220	<1	10.4	<0.2
745799	830	41.7	420	<1	6.5	<0.2
745800	510	49.4	560	<1	9.8	<0.2
745801	200	73.0	350	<1	5.9	<0.2
745802	350	73.3	760	<1	9.9	<0.2
745803	310	75.5	470	<1	9.4	<0.2
745804	320	54.6	310	<1	9.2	<0.2
745805	360	45.7	290	<1	5.0	<0.2
745806	360	64.2	290	<1	8.3	<0.2
745807	200	97.3	400	<1	15.4	<0.2
745808	320	147	1350	<1	14.6	<0.2
745809	420	87.8	380	<1	5.7	<0.2
745810	260	63.2	500	<1	5.8	<0.2
745811	170	147	320	<1	7.6	<0.2
745812	150	65.3	200	<1	4.3	<0.2
745813	270	132	1260	<1	13.9	<0.2
745814	270	62.3	380	1	6.0	<0.2
745815	210	51.6	480	<1	4.5	0.4
745816	260	81.6	720	<1	9.7	<0.2
745817	270	79.7	1070	<1	12.7	<0.2
745818	450	81.7	1100	<1	10.7	<0.2
745819	210	76.3	720	<1	10.6	<0.2
745820	260	68.4	1600	<1	13.7	<0.2
745821	220	43.1	600	<1	8.3	<0.2
745822	270	73.5	580	<1	8.8	<0.2
745823	250	75.6	1050	<1	12.2	<0.2
745824	290	57.7	950	<1	10.7	<0.2
745825	270	81.1	1040	<1	11.0	<0.2
745826	300	72.4	890	<1	11.8	<0.2

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 Submission Number CRITICAL RESOURCES/Graphic
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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745827	290	62.9	650	<1	10.2	<0.2
745828	290	85.6	990	<1	10.4	<0.2
745829	570	56.1	520	<1	9.6	<0.2
745830	360	63.9	630	<1	7.8	<0.2
745831	180	49.5	520	<1	9.3	<0.2
745832	260	52.9	430	<1	8.4	<0.2
745833	340	45.0	520	<1	9.4	<0.2
745834	310	72.2	930	<1	12.6	<0.2
745835	250	57.6	480	<1	8.8	<0.2
745836	460	55.5	1480	<1	14.1	<0.2
745837	880	68.0	210	<1	6.1	0.3
745838	760	59.9	410	<1	7.6	0.3
745839	480	82.9	400	1	9.2	<0.2
745840	270	61.6	310	<1	6.0	<0.2
745841	590	60.7	430	<1	6.5	<0.2
745842	730	99.2	1620	<1	17.6	<0.2
745843	260	54.5	280	<1	4.0	<0.2
745844	330	51.9	610	<1	10.6	<0.2
745845	220	41.1	360	<1	7.8	0.3
745846	420	118	570	<1	12.7	<0.2
745847	1080	62.3	290	<1	6.2	<0.2
745848	490	70.2	450	<1	9.2	<0.2
745849	740	97.1	280	1	8.0	<0.2
745850	590	58.4	310	<1	7.0	<0.2
745851	670	83.7	300	<1	5.8	0.3
745852	1240	71.6	450	<1	7.8	<0.2
745853	510	88.5	300	<1	5.3	<0.2
745854	360	70.5	290	<1	5.2	<0.2
745855	290	57.1	380	<1	6.9	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745856	730	87.3	1800	2	13.9	<0.2
745857	700	78.1	450	1	8.3	<0.2
745858	460	65.0	730	<1	10.5	<0.2
745859	470	63.8	460	<1	10.7	<0.2
745860	670	72.5	590	<1	8.0	<0.2
745861	340	60.8	310	<1	6.5	<0.2
745862	510	93.8	620	<1	7.7	<0.2
745863	760	82.0	710	2	9.8	<0.2
745864	500	71.5	1800	<1	21.3	<0.2
745865	450	58.3	900	<1	12.9	<0.2
745866	610	59.6	250	<1	5.6	<0.2
745867	630	115	1040	<1	13.1	0.3
745868	630	62.4	310	<1	7.3	<0.2
745869	760	126	1000	2	9.1	<0.2
745870	440	96.5	1350	<1	9.3	<0.2
745871	610	88.4	510	<1	9.1	<0.2
745872	650	94.1	410	<1	7.1	<0.2
745873	530	52.6	340	1	9.0	<0.2
745874	800	80.2	690	<1	14.6	<0.2
745875	480	94.1	300	<1	6.9	<0.2
745876	270	71.4	160	<1	4.7	0.2
745877	450	69.6	240	1	7.3	<0.2
745878	470	89.7	190	<1	3.9	<0.2
745879	830	88.8	230	<1	8.0	<0.2
745880	520	50.9	180	<1	3.9	<0.2
745881	380	44.7	590	<1	8.9	<0.2
745882	550	123	690	<1	12.5	<0.2
745883	330	181	2010	<1	25.3	<0.2
745884	590	80.9	300	<1	5.8	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745885	1030	154	570	<1	9.5	<0.2
*Rep 745801	210	71.5	340	<1	5.2	<0.2
*Rep 745815	200	56.0	390	<1	5.0	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Std MMISRM24	280	1.6	510	8	15.5	5.4
*Rep 745831	180	49.7	530	<1	9.6	<0.2
*Rep 745844	320	49.7	580	2	11.0	0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Rep 745868	630	66.6	340	<1	7.9	<0.2
*Std AMIS0841	850	6.5	910	<1	2830	<0.2
*Rep 745873	560	50.2	340	<1	8.6	<0.2

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745788	1540	7	15	6	<10	7860
745789	1100	4	15	6	<10	6230
745790	3380	3	17	2	<10	7530
745791	1130	3	19	5	<10	7490
745792	704	2	17	15	<10	4340
745793	1930	2	20	5	<10	7730
745794	1190	2	20	10	<10	6250
745795	1070	2	21	7	<10	5660
745796	1370	<1	14	10	<10	4530
745797	1610	2	23	6	<10	8120
745798	2100	2	26	9	<10	5020
745799	1370	2	22	5	<10	10500

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745800	1630	2	28	9	<10	6590
745801	2290	2	24	4	<10	10000
745802	1760	3	25	8	<10	7870
745803	722	<1	19	8	<10	8220
745804	854	2	22	8	<10	5440
745805	814	1	16	4	<10	8200
745806	853	<1	22	7	<10	10700
745807	986	2	28	14	<10	4770
745808	1660	5	34	12	<10	7020
745809	2130	2	17	6	<10	7420
745810	1340	2	18	6	<10	6290
745811	1510	4	27	8	<10	3450
745812	2100	<1	18	3	<10	4440
745813	714	5	22	12	<10	15900
745814	442	3	18	5	<10	4960
745815	756	3	23	3	<10	5410
745816	563	4	27	9	<10	4270
745817	918	2	22	11	<10	6400
745818	1620	3	25	8	<10	11400
745819	802	2	22	8	<10	4920
745820	789	2	18	11	<10	3130
745821	673	2	24	7	<10	4470
745822	1030	2	28	8	<10	4830
745823	801	2	26	11	<10	4760
745824	1140	2	25	11	<10	3960
745825	1380	2	28	12	<10	5360
745826	701	1	24	12	<10	6700
745827	679	<1	18	8	<10	7790
745828	713	2	21	9	<10	7480

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745829	1320	1	19	7	<10	5660
745830	1050	2	16	7	<10	8500
745831	765	1	22	8	<10	2400
745832	600	1	16	8	<10	5690
745833	539	<1	18	9	<10	8730
745834	740	2	21	12	<10	6150
745835	627	2	18	6	<10	3000
745836	705	1	21	13	<10	3920
745837	1130	3	12	6	<10	4310
745838	1050	2	9	7	<10	6900
745839	1300	2	19	8	<10	7510
745840	1600	2	18	5	<10	6930
745841	1790	2	18	6	<10	6140
745842	1490	3	23	16	<10	9320
745843	2130	2	18	3	<10	4570
745844	1330	3	22	9	<10	7180
745845	627	2	17	6	<10	7950
745846	1800	4	36	11	<10	8670
745847	1340	3	30	5	<10	13100
745848	985	2	31	8	<10	7290
745849	2040	3	37	7	<10	8830
745850	1520	2	35	6	<10	6600
745851	1130	3	31	4	<10	8950
745852	1510	3	28	7	<10	10700
745853	1760	3	23	5	<10	10400
745854	2030	3	22	4	<10	7600
745855	1530	2	32	7	<10	7670
745856	1440	2	27	11	<10	4250
745857	1500	3	35	7	<10	17700

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745858	1640	3	36	9	<10	10600
745859	644	2	39	9	<10	12300
745860	1170	3	32	7	<10	9290
745861	1160	2	29	7	<10	9550
745862	1940	4	30	7	<10	13000
745863	2690	4	40	9	<10	7200
745864	1130	2	32	16	<10	6390
745865	1040	3	35	11	<10	11200
745866	2390	2	28	4	<10	13700
745867	2660	3	32	12	<10	16500
745868	1860	3	33	6	<10	12400
745869	3930	2	36	9	<10	18700
745870	4250	2	25	10	<10	28900
745871	1920	4	35	7	<10	10100
745872	1300	2	29	6	<10	16900
745873	1740	2	31	8	<10	18000
745874	907	3	38	12	<10	11900
745875	2440	2	32	6	<10	9410
745876	1700	2	29	5	<10	6150
745877	2100	3	32	5	<10	12900
745878	5010	1	18	3	<10	16700
745879	1760	2	24	8	<10	6620
745880	1550	2	18	4	<10	9970
745881	1520	2	25	8	<10	8510
745882	2130	6	35	10	<10	6910
745883	981	8	41	23	<10	5030
745884	1620	3	22	5	<10	6380
745885	1730	5	27	8	<10	6460
*Rep 745801	2250	2	20	5	<10	9890

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 745815	772	2	20	5	<10	5360
*Blk BLANK	2	<1	<5	<1	<10	<10
*Std MMISRM24	175	<1	23	11	<10	3280
*Rep 745831	778	2	19	8	<10	2380
*Rep 745844	1290	3	22	10	<10	7050
*Blk BLANK	<1	<1	<5	<1	<10	<10
*Rep 745868	1910	3	37	7	<10	12100
*Std AMIS0841	3180	14	2510	2840	<10	500
*Rep 745873	1700	3	29	7	<10	18400

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745788	<2	0.9	<10	4.1	300	4.3
745789	<2	1.0	<10	4.0	200	3.9
745790	3	0.3	<10	1.1	100	5.6
745791	2	0.8	<10	2.1	200	1.6
745792	<2	1.8	<10	11.1	200	8.6
745793	<2	0.6	<10	2.6	300	3.4
745794	<2	1.3	<10	7.3	200	4.3
745795	<2	0.9	<10	3.9	300	2.3
745796	<2	1.5	<10	3.9	300	11.8
745797	<2	0.8	<10	3.5	300	9.3
745798	<2	1.2	<10	5.9	300	7.4
745799	<2	0.8	<10	3.3	200	6.5
745800	<2	1.3	<10	5.0	200	4.1
745801	<2	0.8	<10	3.0	300	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745802	<2	1.1	<10	4.2	300	3.0
745803	<2	1.1	<10	4.0	300	0.7
745804	<2	1.0	<10	2.7	200	1.9
745805	<2	0.6	<10	2.4	200	2.4
745806	<2	1.0	<10	3.0	300	0.6
745807	<2	1.9	<10	8.7	400	1.7
745808	<2	1.9	<10	12.4	600	2.6
745809	<2	0.7	<10	1.6	300	3.9
745810	<2	0.7	<10	1.8	200	2.6
745811	<2	1.1	<10	4.9	600	2.0
745812	<2	0.6	<10	2.1	300	1.7
745813	<2	1.9	<10	8.4	500	1.4
745814	<2	0.7	<10	4.8	300	1.6
745815	<2	0.6	<10	2.5	200	1.9
745816	<2	1.3	<10	5.0	300	1.5
745817	<2	1.8	<10	9.8	400	2.0
745818	<2	1.1	<10	6.4	400	3.8
745819	<2	1.5	<10	5.9	300	0.8
745820	<2	1.7	<10	7.2	300	2.8
745821	<2	1.1	<10	2.4	200	2.3
745822	<2	1.4	<10	3.8	300	2.9
745823	<2	1.5	<10	5.9	300	1.3
745824	<2	1.3	<10	5.5	200	4.2
745825	<2	1.3	<10	8.9	400	6.4
745826	<2	2.0	<10	4.9	300	5.0
745827	<2	1.4	<10	3.9	200	4.0
745828	<2	1.5	<10	4.6	300	2.7
745829	<2	1.2	<10	5.9	200	6.5
745830	<2	1.1	<10	2.9	300	2.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745831	<2	1.1	<10	4.3	200	2.7
745832	<2	1.1	<10	3.2	200	2.0
745833	<2	1.3	<10	4.4	200	1.8
745834	<2	1.8	<10	4.7	300	1.0
745835	<2	1.0	<10	4.3	200	1.6
745836	<2	1.7	<10	7.7	200	4.3
745837	3	0.9	<10	4.4	300	5.9
745838	<2	1.1	10	5.0	200	4.4
745839	<2	1.2	10	5.3	300	3.4
745840	2	0.7	<10	3.4	200	1.5
745841	<2	0.7	<10	3.8	200	5.1
745842	<2	2.2	<10	14.4	400	2.0
745843	3	0.5	10	3.3	200	2.9
745844	2	1.3	<10	8.4	200	6.8
745845	<2	0.7	10	4.2	100	3.9
745846	<2	1.5	<10	6.5	600	4.5
745847	<2	0.7	<10	2.6	300	3.3
745848	<2	1.1	<10	4.5	300	2.5
745849	<2	1.1	<10	3.2	400	5.9
745850	2	0.9	<10	2.3	300	2.4
745851	<2	0.5	<10	2.7	400	4.0
745852	<2	1.0	<10	3.8	300	6.1
745853	2	0.7	10	1.7	400	5.1
745854	<2	0.6	<10	3.3	300	4.3
745855	<2	0.7	<10	2.6	300	1.4
745856	<2	1.4	<10	7.7	400	4.8
745857	<2	0.9	<10	3.6	400	4.6
745858	<2	1.3	<10	5.4	300	5.4
745859	<2	1.3	<10	4.2	300	3.0

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745860	<2	1.1	<10	3.7	300	5.5
745861	<2	0.8	<10	2.7	300	2.8
745862	<2	1.2	<10	6.8	400	4.7
745863	4	1.4	<10	6.8	400	6.6
745864	<2	2.1	<10	14.4	300	5.3
745865	<2	1.7	<10	7.2	300	4.2
745866	<2	0.6	<10	2.8	300	5.4
745867	<2	1.8	<10	7.8	500	4.0
745868	<2	0.8	<10	4.5	300	4.1
745869	<2	1.3	<10	4.8	500	5.7
745870	<2	1.1	<10	3.6	400	8.0
745871	<2	1.0	<10	5.8	400	3.3
745872	<2	0.9	<10	2.5	400	6.7
745873	<2	1.0	<10	2.0	300	7.6
745874	<2	1.6	<10	6.3	400	9.6
745875	<2	0.6	<10	2.3	400	1.6
745876	<2	0.6	<10	1.7	300	3.3
745877	<2	0.8	<10	2.6	300	5.0
745878	<2	0.6	<10	1.2	300	9.3
745879	<2	1.0	<10	4.6	400	5.3
745880	<2	0.5	<10	1.1	200	0.8
745881	<2	0.9	<10	3.9	200	1.4
745882	<2	1.4	<10	10.2	500	4.0
745883	<2	3.3	<10	22.7	800	1.1
745884	<2	0.6	<10	3.1	300	5.9
745885	<2	1.5	<10	5.8	600	4.9
*Rep 745801	<2	0.8	<10	3.2	300	3.1
*Rep 745815	<2	0.6	<10	2.4	200	2.3
*Blk BLANK	<2	0.2	<10	<0.5	<100	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM24	<2	1.4	<10	32.7	<100	0.5
*Rep 745831	<2	1.1	<10	4.9	200	2.9
*Rep 745844	<2	1.2	<10	8.5	200	6.6
*Blk BLANK	2	<0.1	20	1.1	<100	<0.1
*Rep 745868	<2	1.1	<10	5.1	400	5.2
*Std AMIS0841	3	338	<10	1130	100	9.2
*Rep 745873	<2	0.9	<10	1.9	300	7.3

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745788	0.8	<1	22	1.8	39200	7
745789	1.3	<1	23	1.6	17500	7
745790	<0.5	<1	10	1.0	51300	3
745791	1.0	<1	20	1.3	25800	5
745792	4.3	1	59	4.7	28600	8
745793	1.4	<1	18	1.4	32900	6
745794	2.6	<1	37	2.8	31900	8
745795	1.7	<1	25	2.2	21000	7
745796	3.3	<1	40	3.2	33500	7
745797	2.0	<1	26	1.6	23700	8
745798	2.3	<1	35	2.7	21700	9
745799	1.1	<1	21	2.4	30100	7
745800	2.3	<1	36	2.7	22000	9
745801	1.0	<1	19	1.5	27000	8
745802	1.6	<1	35	2.7	44000	10
745803	1.5	1	31	2.5	43300	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method	U GE_MMIMV	W GE_MMIMV	Y GE_MMIMV	Yb GE_MMIMV	Zn GE_MMIMV	Zr GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745804	1.4	<1	31	2.7	27500	5
745805	1.0	<1	18	1.4	29500	3
745806	1.5	<1	28	2.4	27000	5
745807	2.9	<1	56	4.5	13700	11
745808	4.1	1	50	3.8	47900	14
745809	<0.5	<1	18	1.7	39500	5
745810	0.8	<1	23	1.6	24100	6
745811	1.7	<1	27	2.3	14000	9
745812	0.5	<1	14	1.2	14100	4
745813	2.2	<1	51	3.8	54800	15
745814	1.0	1	22	1.7	57100	8
745815	1.1	<1	17	1.7	49200	7
745816	1.8	<1	35	3.0	38500	11
745817	3.6	<1	46	3.8	41200	18
745818	2.0	<1	38	2.5	32100	11
745819	2.0	<1	38	2.8	29500	10
745820	2.7	<1	48	3.8	30200	7
745821	1.3	<1	29	2.3	31100	7
745822	1.8	<1	34	2.3	35500	9
745823	2.8	<1	44	3.3	30700	11
745824	1.7	<1	39	3.3	44200	11
745825	3.0	<1	39	3.1	39300	11
745826	1.7	<1	47	3.6	27900	14
745827	1.4	<1	35	2.7	31700	9
745828	1.7	<1	40	3.1	42900	7
745829	2.3	<1	33	2.5	40300	8
745830	1.5	<1	30	2.3	39400	6
745831	2.0	<1	34	2.7	22900	8
745832	1.4	<1	31	2.5	38800	9

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Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745833	1.7	<1	34	2.7	47200	9
745834	2.2	<1	49	4.4	39100	9
745835	1.7	<1	29	2.4	46700	8
745836	3.0	<1	53	4.1	26900	8
745837	1.8	<1	19	1.7	38200	7
745838	1.7	<1	25	1.8	34600	5
745839	1.5	<1	30	2.5	21800	6
745840	1.0	<1	19	1.6	35000	7
745841	1.6	<1	21	1.9	32900	9
745842	5.1	1	62	4.3	32700	13
745843	0.7	<1	15	1.3	55000	9
745844	3.0	<1	36	2.9	42800	11
745845	1.6	2	25	2.0	33300	9
745846	3.1	<1	41	3.3	37000	14
745847	0.8	<1	21	1.7	33800	6
745848	1.7	<1	31	2.2	29600	7
745849	1.1	<1	26	2.1	41000	6
745850	1.0	<1	23	1.6	24500	6
745851	0.6	<1	17	1.5	32000	5
745852	1.2	<1	25	1.8	32800	6
745853	0.7	<1	16	1.4	46100	5
745854	0.9	<1	19	1.2	31900	6
745855	0.7	<1	21	1.8	29400	6
745856	4.5	1	47	3.9	33900	11
745857	1.0	<1	28	2.2	33000	5
745858	1.4	<1	37	2.7	28900	8
745859	1.2	<1	41	2.9	30500	7
745860	1.2	<1	26	2.3	42500	7
745861	1.0	6	24	1.5	38600	6

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745862	1.0	<1	27	1.9	38200	10
745863	2.2	<1	34	2.4	47300	13
745864	3.8	2	66	4.4	24500	8
745865	2.0	<1	43	3.2	32900	11
745866	0.8	<1	17	1.4	33700	6
745867	2.0	<1	46	2.9	32500	9
745868	1.4	<1	24	1.7	38700	12
745869	1.9	<1	35	2.8	93600	6
745870	0.9	<1	36	2.7	57700	5
745871	2.0	<1	32	1.8	45600	10
745872	1.4	<1	24	1.8	34700	5
745873	0.6	<1	30	2.0	44400	4
745874	2.2	<1	49	3.3	32800	9
745875	0.8	<1	21	1.4	38300	6
745876	<0.5	<1	17	1.0	20700	6
745877	1.0	<1	24	1.7	25400	7
745878	<0.5	<1	15	1.0	61800	3
745879	1.6	<1	27	1.9	30400	7
745880	<0.5	<1	14	0.9	33900	2
745881	1.4	<1	29	1.9	35600	7
745882	3.3	<1	44	3.8	31600	14
745883	6.0	1	87	6.4	32600	16
745884	1.5	<1	19	1.8	25900	6
745885	1.9	<1	33	2.5	44200	7
*Rep 745801	1.0	<1	17	1.7	26600	7
*Rep 745815	0.9	<1	18	1.6	48000	8
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std MMISRM24	18.5	1	49	2.5	300	62
*Rep 745831	2.1	<1	34	2.7	22600	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/Graphic
 Lake/973 Samples (687-784)
 Number of Samples 98

ANALYSIS REPORT BBM22-19263

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 745844	3.1	<1	38	2.9	41800	13
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 745868	1.7	<1	26	2.0	38300	13
*Std AMIS0841	601	13	8370	858	1700	1190
*Rep 745873	<0.5	<1	28	2.0	46700	4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19264

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (785-882)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 11-Dec-2022
Number of Samples	98	Date Completed	11-Dec-2022
		SGS Order Number	BBM22-19264

Methods Summary

Number of Sample	Method Code	Description
98	G_WGH_KG	Weight of samples received
98	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745886	0.09	6	14.4	<30	<0.4	24000
745887	0.09	4	26.0	40	<0.4	27700
745888	0.08	6	17.4	<30	<0.4	44500
745889	0.09	4	21.3	70	<0.4	34300
745890	0.08	9	30.6	30	<0.4	34600
745891	0.09	5	9.8	30	<0.4	50200
745892	0.08	3	12.6	<30	<0.4	24300
745893	0.08	8	25.3	<30	<0.4	31100
745894	0.07	7	11.9	<30	<0.4	37300
745895	0.11	5	15.7	<30	<0.4	41700
745896	0.06	5	16.3	<30	<0.4	17800
745897	0.09	7	21.5	<30	<0.4	18200
745898	0.10	5	18.9	50	<0.4	35200
745899	0.09	5	20.2	<30	<0.4	23900
745900	0.10	9	14.6	<30	<0.4	22900
745901	0.08	7	24.4	40	<0.4	29200
745902	0.10	3	10.8	30	<0.4	50700
745903	0.10	4	9.7	30	<0.4	16200
745904	0.10	4	35.7	<30	<0.4	32600
745905	0.10	4	7.5	<30	<0.4	34100
745906	0.10	4	11.3	<30	<0.4	30000
745907	0.09	3	35.3	<30	<0.4	33000
745908	0.10	5	19.8	<30	<0.4	35800
745909	0.08	6	47.9	<30	<0.4	58400
745910	0.09	6	8.3	<30	<0.4	40900
745911	0.10	6	4.4	40	<0.4	51300
745912	0.12	5	3.0	<30	<0.4	47200
745913	0.09	6	10.4	<30	<0.4	40200
745914	0.09	6	12.7	<30	<0.4	28600

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745915	0.13	<1	113	<30	<0.4	1330
745916	0.09	6	19.8	<30	<0.4	26700
745917	0.09	3	9.9	<30	<0.4	57200
745918	0.10	4	13.3	<30	<0.4	44500
745919	0.09	7	27.3	<30	<0.4	39400
745920	0.09	5	22.5	<30	<0.4	33800
745921	0.10	3	11.7	60	<0.4	18600
745922	0.09	3	9.2	<30	<0.4	20200
745923	0.10	2	15.4	<30	<0.4	9970
745924	0.06	5	33.5	<30	<0.4	9660
745925	0.08	5	21.8	50	<0.4	18000
745926	0.12	7	10.2	<30	<0.4	10700
745927	0.10	4	25.8	40	<0.4	41600
745928	0.09	5	14.9	60	<0.4	21200
745929	0.10	5	22.4	<30	<0.4	18500
745930	0.11	4	10.4	<30	<0.4	39700
745931	0.09	5	11.8	<30	<0.4	55600
745932	0.11	4	13.8	<30	<0.4	18900
745933	0.11	4	37.3	<30	<0.4	28200
745934	0.09	3	32.9	<30	<0.4	27100
745935	0.09	3	26.6	60	0.5	29700
745936	0.10	5	17.4	<30	0.6	31600
745937	0.10	4	21.8	<30	<0.4	38100
745938	0.11	4	8.4	<30	0.4	53200
745939	0.11	1	97.7	<30	<0.4	1290
745940	0.10	5	7.8	<30	<0.4	32900
745941	0.11	<1	143	40	<0.4	3560
745942	0.11	<1	102	<30	<0.4	1760
745943	0.10	<1	206	<30	<0.4	1000

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Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745944	0.09	3	15.4	<30	<0.4	37600
745945	0.11	<1	92.5	<30	<0.4	1880
745946	0.12	6	12.0	<30	0.5	18200
745947	0.11	3	5.6	<30	0.6	13700
745948	0.09	5	27.2	<30	<0.4	38700
745949	0.10	6	22.0	<30	<0.4	24900
745950	0.09	3	17.2	<30	<0.4	40500
745951	0.09	4	11.4	<30	<0.4	26100
745952	0.08	6	14.2	<30	<0.4	33200
745953	0.10	4	9.8	<30	<0.4	23200
745954	0.07	16	16.9	<30	<0.4	27700
745955	0.07	5	15.0	<30	<0.4	33000
745956	0.06	4	21.3	<30	<0.4	40400
745957	0.11	6	14.8	<30	<0.4	15400
745958	0.09	6	19.8	<30	0.4	34900
745959	0.09	12	13.1	40	0.5	18800
745960	0.11	7	16.2	<30	0.4	39500
745961	0.08	5	24.2	30	0.7	32300
745962	0.08	6	15.9	50	0.5	18500
745963	0.07	3	28.7	<30	<0.4	30300
745964	0.08	6	11.5	<30	<0.4	20300
745965	0.06	3	26.0	<30	0.4	38500
745966	0.09	4	11.0	<30	<0.4	28500
745967	0.06	10	18.3	<30	<0.4	26500
745968	0.08	3	17.8	<30	<0.4	50200
745969	0.09	8	9.4	<30	<0.4	39100
745970	0.08	11	11.1	60	<0.4	68200
745971	0.11	5	14.6	<30	<0.4	20800
745972	0.09	6	8.8	<30	<0.4	43300

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (785-882)
 Number of Samples 98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745973	0.08	5	11.8	<30	0.5	66200
745974	0.10	3	6.9	<30	<0.4	29000
745975	0.08	4	11.0	<30	<0.4	133000
745976	0.08	3	20.1	190	0.5	105000
745977	0.09	8	14.8	<30	0.6	189000
745978	0.08	5	10.9	<30	0.8	79700
745979	0.09	4	5.2	<30	<0.4	66700
745980	0.08	6	14.2	50	0.5	65400
745981	0.10	6	11.3	<30	<0.4	21100
745982	0.07	13	11.3	<30	<0.4	44600
745983	0.10	7	7.2	190	0.4	97200
*Rep 745956	-	2	22.7	<30	<0.4	42500
*Rep 745980	-	5	14.3	<30	0.6	64600
*Rep 745941	-	1	142	30	<0.4	3450
*Std AMIS0841	-	17	440	70	9.9	660
*Rep 745891	-	4	10.1	50	<0.4	47200
*Rep 745916	-	6	19.3	<30	<0.4	26600
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Rep 745934	-	3	34.4	<30	<0.4	27500

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745886	1.1	1643	174	60	60	<100
745887	1.1	2124	160	66	66	<100
745888	0.9	2207	262	56	56	<100
745889	0.7	1872	62	72	72	<100

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745890	1.1	2496	79	122	122	<100
745891	1.2	1456	162	47	47	<100
745892	0.6	1904	150	47	47	<100
745893	0.9	1934	199	54	54	<100
745894	0.6	1596	120	49	49	100
745895	<0.5	1924	228	72	72	<100
745896	0.5	2313	39	108	108	<100
745897	<0.5	2447	104	141	141	<100
745898	<0.5	1991	54	53	53	<100
745899	<0.5	1716	152	70	70	<100
745900	<0.5	1682	107	68	68	<100
745901	<0.5	2114	142	83	83	<100
745902	<0.5	2549	77	64	64	<100
745903	<0.5	2249	39	56	56	<100
745904	<0.5	2132	182	49	49	<100
745905	<0.5	1656	238	45	45	<100
745906	<0.5	1714	97	53	53	<100
745907	<0.5	2307	80	98	98	100
745908	<0.5	1937	90	105	105	<100
745909	<0.5	2262	101	51	51	100
745910	<0.5	2055	342	39	39	<100
745911	<0.5	2304	140	37	37	<100
745912	0.7	3406	57	37	37	<100
745913	<0.5	1919	129	52	52	<100
745914	<0.5	1974	77	91	91	<100
745915	0.8	1042	269	77	77	<100
745916	<0.5	1934	102	61	61	<100
745917	0.6	1698	144	30	30	100
745918	<0.5	2049	140	53	53	<100

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Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745919	<0.5	2360	182	87	87	<100
745920	<0.5	2345	86	94	94	<100
745921	<0.5	1962	36	84	84	<100
745922	<0.5	2956	89	55	55	100
745923	<0.5	2065	49	86	86	<100
745924	<0.5	2021	68	194	194	<100
745925	<0.5	2629	50	123	123	<100
745926	<0.5	2303	72	69	69	<100
745927	<0.5	1802	267	55	55	<100
745928	<0.5	2349	74	104	104	<100
745929	<0.5	2128	68	150	150	<100
745930	<0.5	1621	83	84	84	<100
745931	<0.5	2896	57	72	72	<100
745932	<0.5	1986	51	62	62	<100
745933	<0.5	1876	130	94	94	<100
745934	<0.5	2153	31	109	109	<100
745935	1.2	2393	120	68	68	200
745936	0.7	2222	298	58	58	200
745937	0.6	2144	76	58	58	200
745938	0.8	2032	187	41	41	200
745939	0.6	907	300	41	41	200
745940	<0.5	1502	120	41	41	<100
745941	1.5	1579	260	152	152	200
745942	1.0	1216	164	78	78	<100
745943	0.9	1218	217	101	101	100
745944	<0.5	2284	195	46	46	200
745945	1.3	1034	281	99	99	100
745946	0.5	1050	94	58	58	300
745947	<0.5	1271	59	40	40	200

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745948	<0.5	1849	170	66	66	200
745949	<0.5	2038	132	56	56	200
745950	<0.5	1996	145	53	53	200
745951	<0.5	1378	86	40	40	200
745952	<0.5	1437	134	41	41	200
745953	<0.5	1067	72	54	54	200
745954	<0.5	2010	252	39	39	300
745955	<0.5	1422	85	49	49	300
745956	<0.5	1884	191	96	96	200
745957	<0.5	1324	98	64	64	300
745958	<0.5	2282	212	82	82	200
745959	<0.5	1812	193	69	69	300
745960	<0.5	2531	329	44	44	300
745961	<0.5	1825	117	56	56	200
745962	<0.5	2170	159	55	55	200
745963	<0.5	1841	67	50	50	200
745964	<0.5	2370	81	65	65	200
745965	<0.5	1975	154	60	60	200
745966	<0.5	1714	45	39	39	200
745967	<0.5	2399	111	52	52	200
745968	<0.5	2079	316	69	69	200
745969	<0.5	2090	193	50	50	200
745970	<0.5	2614	422	50	50	<100
745971	<0.5	1552	65	63	63	300
745972	<0.5	2235	220	46	46	300
745973	<0.5	2074	145	46	46	200
745974	<0.5	2877	87	47	47	200
745975	<0.5	6439	86	100	100	1600
745976	<0.5	6767	166	91	91	1700

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745977	<0.5	5253	120	82	82	1700
745978	<0.5	5137	90	111	111	1800
745979	<0.5	3517	82	47	47	1500
745980	<0.5	4377	101	110	110	1600
745981	<0.5	1888	67	40	40	200
745982	<0.5	2188	93	36	36	200
745983	<0.5	4285	86	59	59	1800
*Rep 745956	<0.5	1991	208	93	93	300
*Rep 745980	<0.5	4340	98	111	111	1600
*Rep 745941	1.3	1554	239	137	137	<100
*Std AMIS0841	9.6	142	12	7050	940	<100
*Rep 745891	0.9	1404	159	48	48	<100
*Rep 745916	<0.5	1923	107	59	59	<100
*Blk BLANK	<0.5	<2	<2	<2	<1	<100
*Rep 745934	<0.5	2161	33	116	116	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745886	40.3	1650	4.5	2.6	3.8	20
745887	52.3	1490	5.2	3.1	4.3	26
745888	15.9	1640	3.4	2.0	5.7	26
745889	36.4	1170	6.0	3.1	5.1	23
745890	21.8	1280	9.2	5.4	6.6	30
745891	45.0	1160	3.7	1.7	6.7	18
745892	14.7	1110	3.3	2.0	3.4	23
745893	34.8	1960	4.2	2.1	4.4	24

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745894	12.5	1450	4.7	2.4	5.0	21
745895	18.7	1480	5.7	2.8	5.9	25
745896	5.6	830	9.1	4.5	4.7	29
745897	5.4	870	11.9	7.2	5.1	32
745898	23.0	1330	3.9	2.2	5.0	24
745899	47.3	1100	5.1	2.8	4.1	21
745900	29.3	1770	5.3	2.6	3.5	22
745901	75.2	1490	6.9	3.0	5.0	27
745902	32.5	1350	6.3	2.7	7.0	31
745903	13.1	1150	5.6	2.4	2.9	28
745904	72.7	1370	3.4	2.2	4.4	25
745905	20.0	1370	2.7	1.9	4.2	21
745906	23.6	1360	3.8	1.8	4.1	22
745907	34.5	1350	6.9	4.2	5.3	30
745908	28.0	1300	8.4	4.5	5.9	24
745909	85.8	1580	3.6	1.2	7.4	27
745910	24.7	1480	2.9	1.3	5.6	25
745911	8.9	1830	2.9	1.5	6.6	28
745912	21.9	2260	2.8	1.3	6.3	39
745913	32.4	1330	3.6	2.4	5.5	24
745914	14.8	1160	8.0	4.3	4.9	26
745915	67.7	1110	6.5	3.3	1.6	15
745916	32.2	1270	5.3	1.9	4.3	24
745917	48.5	1660	2.2	1.1	5.6	21
745918	42.7	1670	4.4	1.9	5.7	25
745919	41.2	1640	6.9	3.2	6.1	29
745920	54.5	1370	8.1	4.2	6.3	28
745921	9.8	920	7.9	3.5	3.9	26
745922	4.2	830	3.6	1.8	3.1	37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745923	5.3	770	7.0	4.3	2.8	27
745924	7.7	770	17.8	9.1	6.3	30
745925	6.1	760	10.7	6.0	4.6	33
745926	11.4	1680	6.1	2.6	2.6	28
745927	25.7	1870	3.9	2.0	5.0	21
745928	4.1	940	8.5	4.2	4.4	30
745929	8.1	840	14.0	7.3	6.1	32
745930	10.9	1340	6.4	3.6	6.1	22
745931	7.3	1070	6.6	3.0	7.7	35
745932	14.9	1030	4.9	2.3	2.8	24
745933	46.5	1470	7.1	3.9	5.7	25
745934	203	890	8.1	3.8	4.8	25
745935	114	1180	5.2	2.5	5.6	76
745936	50.5	1400	4.8	2.5	6.5	72
745937	24.1	1450	4.8	2.5	7.7	67
745938	22.6	1560	2.9	1.4	8.7	63
745939	18.1	410	2.9	1.9	1.5	29
745940	35.7	1250	4.0	1.1	5.7	21
745941	23.2	1190	10.1	5.4	3.4	23
745942	10.8	1600	6.9	3.1	2.0	19
745943	61.8	900	6.3	3.4	2.2	38
745944	24.6	2010	2.8	1.6	6.5	70
745945	14.6	1050	7.6	3.6	2.2	38
745946	24.7	1200	4.0	2.1	4.2	37
745947	19.3	730	2.7	1.8	2.8	38
745948	11.1	1340	5.2	2.6	6.7	59
745949	52.9	1190	4.7	2.6	4.8	62
745950	30.0	870	4.1	2.2	7.0	60
745951	25.3	1230	3.2	1.8	4.6	44

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
745952	16.9	760	3.4	1.6	5.8	42
745953	52.6	840	4.0	2.6	4.9	36
745954	74.7	1980	2.4	1.4	5.1	61
745955	46.4	930	4.2	2.0	5.6	44
745956	99.0	980	8.2	3.5	8.1	62
745957	33.1	1330	4.3	2.0	3.7	45
745958	28.9	1430	6.2	2.5	7.1	72
745959	25.0	1370	5.5	2.5	3.8	58
745960	81.2	1860	3.2	1.6	6.4	77
745961	34.8	1130	3.9	3.0	5.5	58
745962	34.7	880	4.8	2.8	3.9	69
745963	30.6	590	4.3	2.0	5.7	60
745964	51.6	1150	6.0	2.7	4.5	76
745965	56.8	740	5.3	2.3	6.1	63
745966	25.4	1210	3.0	1.7	5.1	55
745967	74.6	2290	4.7	2.2	5.3	75
745968	100	1030	4.4	2.4	8.8	67
745969	40.8	1330	3.7	2.2	7.0	66
745970	18.8	2370	4.2	2.2	9.9	33
745971	27.2	1430	5.7	2.6	4.1	53
745972	39.5	1540	3.7	1.7	7.6	73
745973	23.1	1330	3.7	1.7	10.1	66
745974	7.4	1210	3.2	1.8	4.7	90
745975	19.4	1210	7.5	2.9	19.6	186
745976	50.9	1410	6.6	3.0	14.5	166
745977	62.2	1470	5.3	2.4	24.5	128
745978	164	1550	7.9	4.1	11.2	133
745979	111	1930	3.2	1.4	8.8	92
745980	71.6	1900	7.2	3.2	10.1	117

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Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745981	59.7	1850	3.3	1.5	3.7	26
745982	38.0	1510	3.2	1.7	6.8	29
745983	16.8	3070	4.6	1.7	12.8	113
*Rep 745956	104	1070	7.5	3.5	7.8	64
*Rep 745980	72.9	2090	7.6	3.4	9.9	116
*Rep 745941	20.9	1280	10.4	5.2	3.6	23
*Std AMIS0841	305	35900	1700	874	547	36
*Rep 745891	45.1	1160	3.0	2.0	6.5	18
*Rep 745916	31.3	1300	4.3	2.8	4.8	23
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Rep 745934	217	910	8.2	4.0	5.3	26

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745886	4	7.3	5	<0.1	278	30.3
745887	6	7.2	8	0.1	352	34.5
745888	6	5.2	3	<0.1	312	29.3
745889	4	7.1	6	<0.1	427	35.5
745890	4	12.4	5	<0.1	340	55.6
745891	5	4.3	1	<0.1	536	24.7
745892	6	4.6	2	<0.1	266	23.4
745893	7	4.8	4	<0.1	550	26.7
745894	5	5.0	4	<0.1	344	23.5
745895	5	7.0	5	<0.1	305	35.4
745896	5	12.8	5	0.1	290	49.5
745897	7	16.6	4	0.1	316	67.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method	Ga GE_MMIMV	Gd GE_MMIMV	Hg GE_MMIMV	In GE_MMIMV	K GE_MMIMV	La GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745898	4	4.8	4	<0.1	273	25.3
745899	6	7.2	2	<0.1	377	32.5
745900	5	6.7	4	<0.1	305	32.1
745901	5	7.0	6	<0.1	330	38.6
745902	5	7.5	4	<0.1	263	33.1
745903	2	6.6	5	<0.1	206	24.3
745904	5	4.5	3	<0.1	276	24.8
745905	3	3.7	5	<0.1	333	25.9
745906	4	5.9	5	<0.1	252	27.1
745907	6	9.1	9	<0.1	365	48.8
745908	3	11.3	7	<0.1	252	45.4
745909	7	5.0	3	<0.1	277	29.7
745910	8	3.3	3	<0.1	383	20.0
745911	5	4.1	2	<0.1	217	19.2
745912	3	4.3	2	<0.1	884	20.1
745913	6	5.4	3	<0.1	266	26.6
745914	3	11.5	4	<0.1	258	43.7
745915	3	8.0	3	<0.1	225	34.6
745916	4	6.5	5	<0.1	260	29.4
745917	5	2.5	<1	<0.1	437	18.2
745918	6	5.0	2	<0.1	294	25.5
745919	6	8.5	7	<0.1	288	41.4
745920	5	10.3	7	<0.1	319	42.5
745921	5	9.6	2	<0.1	258	39.5
745922	6	6.0	3	<0.1	188	26.4
745923	4	10.8	3	<0.1	170	38.8
745924	6	25.7	5	<0.1	253	88.4
745925	3	16.1	8	<0.1	222	56.1
745926	5	7.7	7	<0.1	284	34.7

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745927	6	5.8	3	<0.1	194	28.9
745928	6	11.1	5	<0.1	230	48.5
745929	7	16.5	9	0.1	270	70.0
745930	5	7.8	3	<0.1	206	40.0
745931	5	7.0	8	<0.1	208	35.7
745932	4	6.8	5	<0.1	235	29.0
745933	4	10.3	6	<0.1	242	45.5
745934	2	10.1	7	<0.1	276	50.4
745935	31	7.5	7	<0.1	516	35.1
745936	27	7.4	6	<0.1	377	29.9
745937	19	5.4	5	<0.1	407	27.7
745938	23	4.5	4	<0.1	430	21.6
745939	15	4.5	3	<0.1	208	17.5
745940	5	4.0	6	<0.1	360	19.3
745941	4	13.8	3	0.1	203	56.3
745942	4	6.4	3	0.1	218	34.6
745943	8	8.4	4	<0.1	266	42.6
745944	19	4.6	4	<0.1	441	23.8
745945	16	9.9	2	<0.1	249	43.3
745946	14	5.6	4	<0.1	534	26.7
745947	9	4.5	2	<0.1	254	17.1
745948	17	6.9	5	<0.1	432	34.0
745949	15	5.7	5	<0.1	350	25.6
745950	18	4.9	3	<0.1	275	25.4
745951	17	4.3	3	<0.1	505	18.4
745952	12	4.8	5	<0.1	420	17.5
745953	11	5.4	5	<0.1	454	23.5
745954	20	3.8	5	<0.1	778	18.8
745955	14	4.7	4	<0.1	544	21.0

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
745956	11	9.5	4	<0.1	367	45.0
745957	10	6.6	5	<0.1	562	28.4
745958	8	8.0	5	<0.1	380	41.0
745959	13	7.8	3	<0.1	382	32.5
745960	22	4.4	4	<0.1	466	21.5
745961	11	5.6	4	<0.1	364	26.1
745962	10	6.1	4	<0.1	389	24.7
745963	9	4.9	3	<0.1	358	23.9
745964	4	7.0	5	0.1	383	31.3
745965	8	7.2	5	<0.1	379	29.0
745966	2	3.7	5	<0.1	380	19.3
745967	6	6.2	6	<0.1	421	25.6
745968	15	5.5	7	<0.1	591	32.4
745969	13	3.7	6	<0.1	528	23.5
745970	10	5.8	6	<0.1	324	25.3
745971	9	6.4	6	<0.1	809	28.4
745972	7	5.0	4	<0.1	378	22.6
745973	10	4.6	7	<0.1	497	22.5
745974	10	4.2	2	<0.1	421	21.1
745975	8	10.3	3	<0.1	1055	50.2
745976	3	7.7	4	<0.1	560	45.9
745977	9	7.0	5	<0.1	1050	42.4
745978	2	9.5	5	<0.1	675	53.6
745979	1	3.6	3	<0.1	666	22.9
745980	<1	10.4	4	<0.1	655	54.4
745981	8	4.4	4	<0.1	389	18.0
745982	8	4.4	4	<0.1	282	17.1
745983	5	5.3	3	<0.1	764	31.5
*Rep 745956	8	9.1	3	<0.1	369	45.2

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
*Rep 745980	2	9.8	4	<0.1	645	55.5
*Rep 745941	5	13.9	3	<0.1	210	58.0
*Std AMIS0841	56	2220	<1	0.7	181	4910
*Rep 745891	5	4.6	2	<0.1	533	23.4
*Rep 745916	5	5.9	4	<0.1	250	27.4
*Blk BLANK	<1	<0.2	<1	<0.1	<1	1.1
*Rep 745934	3	11.6	10	<0.1	293	54.9

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
745886	<10	153	162000	1	5.1	34
745887	<10	257	210000	4	4.4	36
745888	<10	182	230000	2	2.1	27
745889	<10	253	203000	5	0.8	35
745890	<10	184	105000	3	1.3	67
745891	10	274	204000	4	3.9	22
745892	<10	159	217000	5	1.4	25
745893	10	282	295000	4	1.5	28
745894	<10	185	187000	6	1.4	27
745895	<10	161	223000	5	1.0	37
745896	<10	145	143000	5	<0.5	60
745897	<10	185	233000	5	<0.5	76
745898	<10	128	200000	3	<0.5	25
745899	<10	199	189000	4	<0.5	36
745900	<10	159	173000	5	<0.5	35
745901	<10	200	175000	4	<0.5	43

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
745902	<10	248	217000	3	<0.5	33
745903	<10	106	89200	2	<0.5	31
745904	<10	207	249000	3	0.6	27
745905	<10	201	213000	5	0.6	20
745906	<10	166	163000	3	0.8	25
745907	<10	217	170000	2	<0.5	49
745908	<10	216	80700	3	<0.5	56
745909	<10	243	282000	4	1.2	24
745910	10	198	379000	5	0.7	19
745911	<10	198	183000	4	1.1	19
745912	<10	301	114000	3	1.2	21
745913	<10	230	212000	4	1.5	25
745914	<10	157	134000	4	<0.5	53
745915	<10	176	84400	5	<0.5	36
745916	<10	155	178000	3	<0.5	36
745917	<10	237	233000	5	2.4	13
745918	<10	217	229000	4	<0.5	27
745919	<10	229	210000	3	<0.5	45
745920	<10	214	170000	3	<0.5	49
745921	<10	178	213000	4	<0.5	44
745922	<10	166	288000	5	<0.5	28
745923	<10	97	178000	3	<0.5	46
745924	<10	188	166000	5	<0.5	114
745925	<10	136	123000	3	<0.5	72
745926	<10	184	229000	5	<0.5	39
745927	<10	169	285000	3	<0.5	28
745928	<10	217	258000	5	<0.5	52
745929	<10	155	183000	5	<0.5	87
745930	<10	151	226000	5	<0.5	41

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
745931	<10	193	203000	7	<0.5	39
745932	<10	209	207000	3	<0.5	31
745933	<10	211	185000	3	<0.5	49
745934	<10	180	74300	2	<0.5	54
745935	20	273	228000	6	5.6	34
745936	<10	223	172000	4	3.7	33
745937	10	224	128000	2	2.8	32
745938	10	170	223000	3	2.0	20
745939	<10	119	62700	1	2.0	21
745940	10	194	158000	3	9.3	20
745941	<10	184	60700	3	0.8	81
745942	<10	145	69100	<1	<0.5	40
745943	<10	194	64100	3	<0.5	53
745944	<10	239	245000	4	<0.5	22
745945	<10	176	86500	3	0.6	52
745946	10	148	122000	3	2.6	31
745947	<10	122	105000	3	0.8	21
745948	10	249	247000	4	0.6	33
745949	<10	211	179000	1	<0.5	30
745950	<10	235	207000	3	0.7	28
745951	20	175	197000	2	0.6	22
745952	10	156	164000	2	<0.5	21
745953	10	106	102000	2	<0.5	29
745954	<10	241	351000	6	<0.5	18
745955	20	181	206000	3	<0.5	26
745956	<10	214	146000	3	<0.5	49
745957	20	197	148000	3	0.6	31
745958	<10	174	167000	<1	<0.5	41
745959	<10	201	250000	3	<0.5	35

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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ANALYSIS REPORT BBM22-19264

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745960	10	189	356000	6	1.0	22
745961	<10	185	159000	2	0.8	29
745962	<10	166	147000	1	0.6	32
745963	20	192	175000	3	0.7	29
745964	<10	202	129000	1	<0.5	34
745965	<10	230	179000	4	<0.5	30
745966	<10	168	122000	<1	<0.5	19
745967	10	243	171000	2	<0.5	29
745968	10	185	278000	4	<0.5	33
745969	<10	239	227000	4	<0.5	25
745970	<10	210	282000	6	<0.5	27
745971	20	269	203000	5	0.6	31
745972	<10	149	176000	2	<0.5	28
745973	10	219	219000	4	<0.5	23
745974	10	201	268000	3	<0.5	23
745975	40	582	444000	8	1.0	53
745976	30	611	292000	6	1.1	48
745977	40	466	403000	7	1.5	41
745978	30	436	238000	4	1.6	57
745979	30	402	256000	3	1.0	22
745980	30	349	195000	4	1.2	58
745981	<10	318	218000	6	2.8	20
745982	<10	242	219000	4	3.8	21
745983	30	403	302000	3	1.3	29
*Rep 745956	20	230	155000	4	<0.5	47
*Rep 745980	30	355	196000	4	0.9	55
*Rep 745941	<10	195	61500	3	<0.5	74
*Std AMIS0841	<10	16	47900	71	0.6	11200
*Rep 745891	10	265	204000	3	3.0	24

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Rep 745916	<10	153	174000	2	0.6	32
*Blk BLANK	<10	<1	10	<1	<0.5	<1
*Rep 745934	<10	181	75100	4	<0.5	58

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745886	500	96.5	530	<1	8.3	0.2
745887	760	123	600	1	9.1	<0.2
745888	740	117	370	<1	7.2	0.2
745889	1010	109	420	<1	9.0	<0.2
745890	850	106	1350	<1	16.2	<0.2
745891	460	103	140	<1	5.8	<0.2
745892	520	77.4	220	1	5.8	0.3
745893	920	99.5	370	<1	7.0	<0.2
745894	290	88.4	410	<1	6.4	<0.2
745895	420	64.1	510	2	8.9	<0.2
745896	270	106	990	<1	14.5	<0.2
745897	320	109	1980	<1	17.4	<0.2
745898	400	72.7	400	<1	6.4	<0.2
745899	690	108	300	<1	8.6	<0.2
745900	570	96.4	280	<1	8.1	<0.2
745901	660	83.3	750	<1	10.0	<0.2
745902	360	54.8	490	1	7.6	0.3
745903	270	45.5	490	<1	7.7	<0.2
745904	960	60.4	260	<1	6.0	<0.2
745905	470	41.4	230	<1	5.1	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745906	470	52.6	320	<1	6.5	<0.2
745907	440	71.4	810	<1	11.9	<0.2
745908	820	78.3	1270	<1	13.5	<0.2
745909	1190	55.2	160	<1	5.6	<0.2
745910	690	47.5	140	<1	4.5	<0.2
745911	310	45.5	210	1	4.4	<0.2
745912	350	70.6	380	<1	5.1	<0.2
745913	400	67.7	230	<1	6.6	<0.2
745914	290	55.8	1500	<1	12.7	<0.2
745915	210	81.2	630	<1	9.7	<0.2
745916	510	63.7	420	<1	7.5	<0.2
745917	320	44.7	120	<1	3.6	<0.2
745918	750	79.3	280	<1	5.9	0.2
745919	860	85.3	560	<1	11.2	<0.2
745920	530	65.3	650	<1	11.3	<0.2
745921	220	67.7	510	<1	10.7	<0.2
745922	260	43.8	290	<1	6.9	<0.2
745923	230	47.2	620	<1	10.9	<0.2
745924	320	69.9	2780	<1	26.1	<0.2
745925	290	61.0	1340	<1	17.0	<0.2
745926	270	67.5	730	<1	8.5	<0.2
745927	500	47.7	360	<1	6.7	<0.2
745928	320	56.3	730	<1	13.4	<0.2
745929	270	69.5	2490	<1	20.4	0.2
745930	220	49.9	520	<1	10.6	<0.2
745931	310	57.0	600	<1	9.4	<0.2
745932	270	45.8	530	<1	7.8	<0.2
745933	900	66.5	940	<1	11.1	<0.2
745934	460	63.2	770	<1	13.9	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
745935	690	94.1	460	<1	10.3	0.2
745936	810	89.9	490	1	8.6	<0.2
745937	650	78.1	400	<1	8.4	0.3
745938	510	55.9	280	<1	6.2	<0.2
745939	270	66.3	300	2	5.5	<0.2
745940	270	64.6	280	<1	5.3	0.2
745941	410	58.9	1390	3	20.3	<0.2
745942	300	85.9	590	<1	9.9	<0.2
745943	430	27.8	530	2	13.6	<0.2
745944	670	78.2	260	1	6.0	0.2
745945	530	74.3	1120	3	13.4	<0.2
745946	350	97.8	400	<1	7.4	<0.2
745947	310	53.3	220	<1	5.2	<0.2
745948	830	95.0	260	2	8.3	<0.2
745949	570	69.4	470	<1	7.5	<0.2
745950	650	52.4	300	<1	6.3	<0.2
745951	490	90.4	220	1	4.9	<0.2
745952	530	124	190	<1	5.6	<0.2
745953	380	117	350	<1	7.5	<0.2
745954	760	145	420	2	4.9	<0.2
745955	500	123	160	<1	6.6	<0.2
745956	770	117	620	1	12.5	<0.2
745957	420	86.3	500	<1	8.4	<0.2
745958	530	89.4	570	3	9.8	<0.2
745959	410	100.0	420	2	8.3	<0.2
745960	700	103	420	2	5.9	0.3
745961	560	87.4	400	<1	7.2	0.3
745962	470	86.9	450	<1	7.0	<0.2
745963	570	75.9	370	<1	6.7	<0.2

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745964	730	77.0	680	<1	8.6	<0.2
745965	660	90.8	440	<1	6.9	<0.2
745966	420	68.4	320	<1	5.1	<0.2
745967	800	83.1	400	<1	7.1	<0.2
745968	810	131	470	3	8.2	<0.2
745969	560	53.7	300	<1	6.1	<0.2
745970	390	84.5	430	<1	6.4	<0.2
745971	440	65.6	400	<1	7.7	<0.2
745972	390	86.4	390	2	5.9	<0.2
745973	610	79.5	290	<1	5.7	<0.2
745974	400	47.2	340	1	6.0	<0.2
745975	1110	96.2	860	2	13.0	<0.2
745976	1350	80.7	640	<1	12.5	<0.2
745977	1250	169	420	<1	10.8	<0.2
745978	1460	138	510	1	14.3	<0.2
745979	1510	91.2	200	1	6.0	<0.2
745980	2070	133	600	<1	14.2	<0.2
745981	360	65.2	340	<1	5.6	0.4
745982	650	75.5	220	<1	4.6	0.4
745983	3120	106	280	2	7.9	<0.2
*Rep 745956	850	112	640	2	11.8	<0.2
*Rep 745980	2330	135	610	2	14.5	<0.2
*Rep 745941	400	69.1	1320	<1	18.7	<0.2
*Std AMIS0841	650	4.8	830	3	2420	<0.2
*Rep 745891	480	105	140	1	5.7	0.3
*Rep 745916	500	60.4	390	<1	7.6	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Rep 745934	450	72.1	870	<1	14.9	<0.2

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745886	1250	17	19	6	<10	4960
745887	1630	17	24	8	<10	7320
745888	1230	13	22	5	<10	6230
745889	1700	8	25	7	<10	9040
745890	1030	10	29	15	<10	11100
745891	2580	13	28	5	<10	6570
745892	1030	6	25	4	<10	5910
745893	3020	9	32	6	<10	4980
745894	1550	6	29	5	<10	6040
745895	1440	10	28	6	<10	9590
745896	593	4	28	13	<10	8080
745897	608	4	27	15	<10	6150
745898	1410	4	22	5	<10	8180
745899	2090	4	24	7	<10	6050
745900	1310	5	25	8	<10	6130
745901	1460	3	26	9	<10	7030
745902	1010	3	24	7	<10	9370
745903	707	2	21	8	<10	6010
745904	1350	3	19	4	<10	7810
745905	1360	3	22	5	<10	8820
745906	1230	2	22	5	<10	7740
745907	1650	3	37	8	<10	10900
745908	917	2	23	14	<10	9960
745909	1860	3	25	4	<10	12300
745910	1960	3	24	4	<10	9090
745911	974	2	13	5	<10	16700
745912	2400	2	20	4	<10	20700
745913	1020	1	23	6	<10	8700
745914	881	2	29	11	<10	10200

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
745915	1070	2	15	7	<10	1630
745916	1080	2	28	8	<10	6020
745917	2020	3	31	4	<10	14100
745918	1230	<1	25	6	<10	10100
745919	1100	2	25	8	<10	7260
745920	1340	2	24	9	<10	9390
745921	689	3	32	9	<10	8120
745922	526	2	28	6	<10	8000
745923	503	2	26	11	<10	3990
745924	743	2	31	25	<10	2360
745925	489	1	27	17	<10	5730
745926	935	2	26	7	<10	4350
745927	783	1	17	5	<10	8050
745928	579	2	26	11	<10	9620
745929	681	1	31	17	<10	8580
745930	701	1	24	9	<10	11200
745931	608	<1	24	8	<10	20500
745932	766	<1	26	7	<10	6350
745933	1170	2	22	9	<10	5970
745934	1550	1	28	11	<10	12700
745935	2180	33	55	7	<10	8650
745936	1450	18	42	7	<10	8880
745937	1160	17	46	7	<10	9360
745938	1380	16	43	5	<10	9730
745939	623	9	34	4	<10	1640
745940	1580	4	14	6	<10	7250
745941	617	3	11	16	<10	3870
745942	625	4	8	9	<10	2950
745943	822	5	27	9	<10	2130

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745944	1610	6	36	5	<10	7770
745945	961	6	36	11	<10	3160
745946	1850	5	56	6	<10	4820
745947	864	<1	35	4	<10	3010
745948	1080	2	55	7	<10	5360
745949	1500	<1	46	8	<10	6440
745950	898	2	40	7	<10	7590
745951	1740	1	43	5	<10	4900
745952	1150	<1	48	5	<10	6510
745953	1650	<1	44	6	<10	5420
745954	4750	3	49	3	<10	8850
745955	2270	<1	57	6	<10	5000
745956	1230	2	57	11	<10	7900
745957	2130	1	54	6	<10	3240
745958	1270	<1	47	9	<10	7710
745959	1730	<1	63	7	<10	4840
745960	2010	<1	51	5	<10	7370
745961	1230	1	56	7	<10	7800
745962	1280	<1	55	6	<10	6920
745963	847	1	49	5	<10	6330
745964	1180	<1	47	8	<10	8000
745965	1330	<1	49	7	<10	8950
745966	1220	<1	41	4	<10	7250
745967	1490	<1	51	5	<10	6860
745968	2220	<1	56	7	<10	8040
745969	2090	<1	49	5	<10	8700
745970	1500	1	<5	6	<10	13200
745971	2320	<1	54	6	<10	6000
745972	1470	<1	47	6	<10	9990

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Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745973	1470	<1	42	4	<10	15700
745974	999	<1	44	4	<10	9920
745975	2610	1	209	11	<10	16600
745976	1750	1	291	11	<10	19400
745977	3680	1	535	8	<10	19800
745978	1730	2	935	12	<10	13700
745979	2370	1	939	5	<10	8240
745980	1310	3	1420	11	<10	12000
745981	2030	2	7	4	<10	3150
745982	1150	2	9	4	<10	6250
745983	2000	14	1420	6	<10	10300
*Rep 745956	1250	3	55	11	<10	8210
*Rep 745980	1370	5	1390	12	<10	11900
*Rep 745941	623	2	9	14	<10	4340
*Std AMIS0841	2780	15	2070	2490	<10	390
*Rep 745891	2600	11	27	5	<10	6230
*Rep 745916	1080	2	25	6	<10	6040
*Blk BLANK	1	<1	<5	<1	<10	<10
*Rep 745934	1620	2	26	13	<10	12700

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745886	<2	1.2	20	7.8	400	4.3
745887	<2	1.1	20	7.0	500	7.4
745888	<2	1.0	10	3.9	400	1.5
745889	<2	1.2	10	5.7	400	4.9

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745890	<2	2.2	10	10.7	400	4.1
745891	<2	0.6	10	2.5	400	1.1
745892	<2	0.6	<10	1.9	300	2.8
745893	<2	0.8	<10	3.8	400	5.9
745894	<2	0.7	<10	3.6	400	3.9
745895	<2	0.9	<10	4.1	300	3.0
745896	<2	2.0	<10	7.6	400	1.3
745897	<2	2.3	<10	11.3	500	1.3
745898	<2	0.8	<10	3.7	300	5.0
745899	<2	1.1	<10	5.1	400	3.3
745900	<2	1.1	<10	4.1	400	1.0
745901	<2	1.2	<10	6.0	400	5.6
745902	<2	0.9	<10	2.8	200	6.2
745903	<2	0.8	<10	2.3	200	2.4
745904	<2	0.7	<10	2.1	300	4.8
745905	<2	0.7	<10	1.1	200	2.8
745906	<2	0.7	<10	2.2	200	4.3
745907	<2	1.5	<10	7.3	300	6.0
745908	<2	1.5	<10	4.7	300	4.7
745909	<2	0.7	<10	2.3	300	1.5
745910	<2	0.6	<10	1.0	200	2.1
745911	<2	0.7	<10	1.3	200	1.9
745912	<2	0.5	<10	0.7	300	1.9
745913	<2	0.7	<10	1.4	300	2.0
745914	<2	1.6	<10	6.0	300	3.6
745915	<2	1.1	<10	4.9	300	3.7
745916	<2	1.0	<10	2.6	300	4.3
745917	<2	0.3	<10	0.5	200	5.0
745918	<2	1.0	<10	2.1	300	2.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745919	<2	1.2	<10	6.7	300	2.5
745920	<2	1.4	<10	5.5	300	7.4
745921	<2	1.4	<10	4.4	300	0.9
745922	<2	0.8	<10	1.4	200	1.3
745923	<2	1.2	<10	4.9	300	1.4
745924	<2	3.4	<10	18.3	300	1.3
745925	<2	2.2	<10	7.8	300	0.5
745926	<2	1.0	<10	2.4	300	3.7
745927	<2	0.8	<10	1.6	200	3.8
745928	<2	1.4	<10	5.2	300	0.9
745929	<2	2.9	<10	18.2	400	2.5
745930	<2	1.2	<10	4.4	300	1.9
745931	<2	1.1	<10	4.0	300	1.5
745932	<2	1.0	<10	3.6	200	3.0
745933	<2	1.6	<10	6.9	300	2.7
745934	<2	1.5	<10	6.8	300	2.3
745935	2	1.3	260	7.0	300	6.6
745936	<2	1.5	120	5.0	200	6.7
745937	<2	1.1	110	4.3	200	1.7
745938	<2	0.7	40	2.3	200	2.2
745939	3	0.8	50	3.1	100	4.5
745940	<2	0.7	<10	2.8	300	3.0
745941	<2	2.4	<10	11.4	200	2.2
745942	<2	1.1	<10	6.5	300	2.4
745943	<2	1.3	30	5.5	300	2.0
745944	<2	0.8	40	1.4	200	2.9
745945	<2	1.9	30	6.5	200	3.1
745946	<2	0.8	40	2.3	200	2.7
745947	<2	0.8	20	0.6	<100	4.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
98

ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745948	<2	1.0	30	3.4	300	2.7
745949	<2	1.0	20	3.2	200	6.2
745950	<2	0.8	20	1.7	100	1.9
745951	<2	0.7	10	0.9	200	8.6
745952	<2	0.7	20	1.3	300	2.3
745953	<2	0.9	20	3.2	300	4.4
745954	<2	0.6	<10	0.5	400	2.8
745955	<2	0.9	<10	2.0	300	1.7
745956	<2	1.5	<10	4.9	300	2.5
745957	<2	1.0	10	4.0	200	1.5
745958	<2	1.1	<10	4.3	200	4.3
745959	<2	1.1	<10	3.2	200	4.2
745960	<2	0.6	20	1.0	300	3.7
745961	<2	0.9	10	3.5	200	4.7
745962	<2	0.9	10	2.5	300	5.6
745963	<2	0.9	30	2.7	200	6.7
745964	<2	1.3	20	2.2	200	6.5
745965	<2	1.0	20	3.4	200	3.7
745966	<2	0.7	<10	1.4	100	7.3
745967	<2	0.9	<10	1.8	200	1.2
745968	<2	1.0	20	3.2	300	5.0
745969	<2	0.8	<10	1.4	200	2.2
745970	<2	0.7	<10	3.0	300	1.4
745971	<2	0.9	<10	4.9	100	6.2
745972	<2	0.9	<10	1.0	200	5.5
745973	<2	0.8	10	1.4	200	4.2
745974	<2	0.8	<10	0.5	<100	3.0
745975	3	1.3	<10	2.9	600	10.4
745976	4	1.4	<10	4.4	600	16.2

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Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19264

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745977	5	1.0	<10	3.4	900	7.5
745978	5	1.4	<10	5.5	800	8.2
745979	4	0.7	<10	1.0	600	2.2
745980	3	1.4	<10	5.4	700	8.5
745981	<2	0.6	<10	2.6	200	4.0
745982	<2	0.6	<10	2.2	300	2.9
745983	4	0.8	<10	0.8	800	5.7
*Rep 745956	<2	1.3	<10	4.7	300	2.6
*Rep 745980	4	1.8	<10	5.7	800	8.6
*Rep 745941	<2	2.3	<10	11.0	300	1.7
*Std AMIS0841	4	319	<10	1060	<100	6.9
*Rep 745891	<2	0.7	<10	2.6	400	0.8
*Rep 745916	<2	0.8	<10	2.3	300	4.0
*Blk BLANK	<2	<0.1	<10	<0.5	<100	<0.1
*Rep 745934	<2	1.8	<10	8.0	300	1.8

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745886	1.8	1	26	2.0	28900	9
745887	2.3	<1	29	2.4	41200	11
745888	1.2	<1	22	1.6	36800	6
745889	1.9	<1	28	2.3	28800	8
745890	2.9	<1	55	4.0	27000	9
745891	0.8	<1	17	1.4	43000	7
745892	1.0	<1	18	1.0	39800	5
745893	1.7	<1	22	1.9	35100	11

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745894	1.1	<1	22	1.9	21500	8
745895	1.4	<1	29	1.8	29000	9
745896	2.4	<1	50	4.0	31100	10
745897	3.3	<1	68	5.5	41500	10
745898	1.4	<1	21	1.9	19100	6
745899	1.9	<1	28	2.4	27800	6
745900	2.1	<1	27	2.4	32200	10
745901	2.5	<1	34	2.6	42400	9
745902	1.1	<1	28	2.0	48800	8
745903	1.3	<1	24	1.6	25800	6
745904	1.5	<1	20	1.5	57000	3
745905	0.7	<1	16	1.1	18800	7
745906	1.3	<1	22	1.7	24800	8
745907	3.3	<1	39	2.6	42900	9
745908	2.8	1	46	3.6	24400	8
745909	1.4	<1	19	1.6	46700	6
745910	<0.5	<1	15	0.9	41600	6
745911	<0.5	<1	15	1.2	42300	3
745912	<0.5	<1	16	1.0	71300	3
745913	0.7	<1	19	1.1	44200	5
745914	2.0	1	41	3.6	33600	10
745915	2.8	<1	30	2.1	23200	8
745916	1.4	<1	29	2.1	26200	6
745917	<0.5	<1	11	0.7	29200	6
745918	0.9	<1	23	1.6	43700	5
745919	2.6	<1	35	2.6	47400	7
745920	2.2	<1	42	3.3	52600	7
745921	1.7	<1	36	2.9	29000	11
745922	0.9	<1	23	1.8	38600	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
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Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745923	2.2	<1	36	2.9	35700	9
745924	6.0	2	90	8.1	41600	12
745925	3.1	2	61	4.1	35000	9
745926	1.4	<1	31	2.0	43500	6
745927	1.2	<1	21	1.5	41400	3
745928	1.6	<1	43	3.4	73600	8
745929	5.6	1	73	5.4	34600	14
745930	1.7	<1	35	3.2	53200	8
745931	1.2	<1	31	2.6	73900	6
745932	1.5	<1	26	1.8	38700	8
745933	3.0	<1	38	2.9	47100	8
745934	2.9	<1	44	3.4	21800	8
745935	2.2	<1	29	1.9	65600	15
745936	1.8	<1	26	2.0	35800	11
745937	1.4	<1	25	2.0	36700	14
745938	0.6	<1	17	1.4	37100	8
745939	2.0	<1	18	1.6	35000	6
745940	0.7	<1	19	1.4	31400	10
745941	4.0	1	63	4.4	32700	8
745942	3.2	<1	34	2.6	25400	9
745943	3.0	<1	38	3.1	33700	7
745944	0.7	<1	18	1.1	47000	6
745945	3.3	1	46	3.8	27900	8
745946	1.4	<1	22	1.6	11200	11
745947	0.6	<1	16	1.4	24800	5
745948	2.1	<1	26	2.2	41800	11
745949	1.6	<1	24	1.8	32300	8
745950	1.3	<1	22	1.5	31000	6
745951	0.8	<1	18	1.3	32500	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (785-882)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19264

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
745952	1.5	1	19	1.4	18800	6
745953	1.4	<1	24	2.2	13400	8
745954	0.8	<1	14	1.0	25200	6
745955	1.1	<1	22	1.8	21500	9
745956	2.4	1	39	3.2	68700	9
745957	2.1	<1	25	1.9	30700	15
745958	1.7	1	33	2.3	67400	20
745959	1.5	<1	29	1.8	38200	8
745960	0.7	1	19	0.9	51300	8
745961	1.9	<1	25	1.7	31900	9
745962	1.3	<1	25	1.8	30800	7
745963	1.2	<1	22	1.4	44700	6
745964	1.2	<1	30	2.0	38200	7
745965	1.8	<1	26	2.0	43300	7
745966	0.9	<1	18	1.5	37700	5
745967	0.9	<1	25	1.4	44000	7
745968	1.8	<1	27	2.0	54400	8
745969	1.1	<1	21	1.3	45400	7
745970	0.5	<1	22	1.9	42300	5
745971	1.7	<1	27	2.4	48500	16
745972	0.7	<1	22	1.4	33800	6
745973	0.7	<1	19	1.4	40200	7
745974	<0.5	<1	20	1.3	46400	9
745975	4.5	<1	43	2.8	43400	10
745976	4.1	5	42	2.6	38800	5
745977	4.6	1	36	2.6	25100	10
745978	5.3	<1	44	2.9	33700	6
745979	1.6	<1	18	1.3	26800	4
745980	5.6	1	44	2.6	20200	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number CRITICAL RESOURCES
 Submission Number CRITICAL RESOURCES/973
 Samples (785-882)
 Number of Samples 98

ANALYSIS REPORT BBM22-19264

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745981	0.6	<1	19	1.2	40300	8
745982	<0.5	<1	18	1.5	37400	5
745983	2.3	<1	23	1.6	28300	5
*Rep 745956	2.4	<1	39	3.1	73900	8
*Rep 745980	5.5	2	44	2.6	19900	7
*Rep 745941	3.4	1	62	4.1	29000	8
*Std AMIS0841	572	10	7160	765	1500	953
*Rep 745891	1.0	<1	18	1.1	41700	6
*Rep 745916	1.2	<1	26	2.0	26600	5
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Rep 745934	3.1	<1	47	3.2	22600	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM22-19265

To COD SGS MINERALS - GEOCHEM VANCOUVER
CRITICAL RESOURCES- TROY GALLIK
SGS CANADA INC
WEST WING 5825 EXPLORER DRIVE
MISSISSAUGA L4W 5P6
ON
CANADA

Order Number	CRITICAL RESOURCES	Date Received	04-Jul-2022
Submission Number (883-973)	CRITICAL RESOURCES/973 Samples	Date Analysed	13-Jul-2022 - 04-Dec-2022
Number of Samples	91	Date Completed	04-Dec-2022
		SGS Order Number	BBM22-19265

Methods Summary

Number of Sample	Method Code	Description
91	G_WGH_KG	Weight of samples received
91	GE_MMIMV	Mobile Metal ION, Vegetation, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (883-973)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
91

ANALYSIS REPORT BBM22-19265

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
745984	0.08	4	19.9	50	<0.4	21200
745985	0.10	4	36.4	40	<0.4	15300
745986	0.08	5	37.5	<30	<0.4	52500
745987	0.08	3	37.1	40	<0.4	38700
745988	0.11	5	33.5	30	<0.4	31800
745989	0.12	8	11.7	<30	<0.4	19300
745990	0.11	5	9.9	40	<0.4	26100
745991	0.09	3	21.2	<30	<0.4	29200
745992	0.10	5	26.7	50	<0.4	24400
745993	0.08	5	18.6	<30	<0.4	25500
745994	0.11	1	27.8	40	<0.4	38700
745995	0.08	7	20.4	<30	<0.4	46200
745996	0.09	7	12.0	<30	<0.4	38500
745997	0.10	<1	120	30	<0.4	1790
745998	0.09	4	16.1	<30	<0.4	59000
745999	0.09	4	11.0	<30	<0.4	23600
746000	0.08	4	19.5	<30	<0.4	30900
795751	0.08	4	17.1	<30	<0.4	48600
795752	0.06	8	11.2	<30	<0.4	21400
795753	0.07	8	18.3	<30	<0.4	35800
795754	0.09	5	11.8	30	<0.4	35200
795755	0.08	7	28.4	50	<0.4	46100
795756	0.08	6	21.0	<30	<0.4	36000
795757	0.07	5	13.8	<30	<0.4	33000
795758	0.09	5	11.8	<30	<0.4	27900
795759	0.09	5	11.8	<30	<0.4	33500
795760	0.08	2	7.7	30	<0.4	38000
795761	0.11	3	5.3	50	<0.4	47700
795762	0.08	7	10.1	<30	<0.4	43800

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Order Number
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Samples (883-973)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
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ANALYSIS REPORT BBM22-19265

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
795763	0.09	4	14.3	<30	<0.4	35500
795764	0.06	8	11.1	<30	<0.4	38300
795765	0.08	6	10.5	<30	<0.4	31300
795766	0.11	4	7.8	50	<0.4	43000
795767	0.07	4	12.8	<30	<0.4	13700
795768	0.08	6	7.1	<30	<0.4	28400
795769	0.08	4	23.8	50	<0.4	34800
795770	0.09	4	9.6	<30	<0.4	41000
795771	0.08	6	20.6	<30	<0.4	41000
795772	0.07	4	8.0	<30	<0.4	29400
795773	0.08	7	26.0	30	<0.4	36000
795774	0.08	7	18.1	40	<0.4	18400
795775	0.07	3	10.3	<30	<0.4	23000
795776	0.09	4	9.0	30	<0.4	21800
795777	0.07	6	9.1	50	<0.4	18200
795778	0.07	4	20.2	<30	<0.4	49800
795779	0.07	2	24.3	<30	<0.4	50700
795780	0.08	10	14.3	40	<0.4	25700
795781	0.09	4	27.6	40	<0.4	26900
795782	0.08	4	13.3	30	<0.4	37900
795783	0.10	6	14.7	<30	<0.4	42000
795784	0.09	7	9.6	<30	<0.4	37200
795785	0.07	8	10.9	<30	<0.4	31100
795786	0.09	6	12.0	<30	<0.4	36600
795787	0.09	6	11.5	<30	<0.4	28400
795788	0.09	5	23.5	30	<0.4	35800
795789	0.07	7	10.8	<30	<0.4	34600
795790	0.09	6	17.3	<30	<0.4	28300
795791	0.09	3	17.5	<30	<0.4	30800

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
795792	0.09	3	10.9	<30	<0.4	25000
795793	0.10	3	16.4	<30	<0.4	36800
795794	0.09	8	18.6	<30	<0.4	38300
795795	0.08	6	11.3	<30	<0.4	42500
795796	0.10	4	12.1	<30	<0.4	21500
795797	0.11	2	14.2	<30	<0.4	28900
795798	0.08	5	22.7	40	<0.4	28300
795799	0.10	5	16.8	<30	<0.4	30200
795801	0.09	6	8.9	<30	<0.4	24600
795802	0.09	4	8.4	<30	<0.4	30700
795803	0.10	5	12.7	<30	<0.4	48300
795804	0.12	3	8.5	<30	<0.4	28300
795805	0.15	<1	112	<30	<0.4	1090
795806	0.14	<1	143	30	<0.4	1150
795807	0.09	4	15.6	<30	<0.4	29600
795808	0.10	4	27.2	<30	<0.4	22600
795809	0.10	8	21.4	<30	<0.4	16700
795810	0.09	12	13.2	<30	<0.4	28800
795811	0.11	1	123	<30	<0.4	2150
795812	0.12	<1	134	<30	<0.4	1320
795813	0.12	<1	128	<30	<0.4	1430
795814	0.10	17	13.1	<30	<0.4	22000
795815	0.10	2	11.8	<30	<0.4	27700
795816	0.10	4	12.3	<30	<0.4	19800
795817	0.12	<1	169	<30	<0.4	3480
795818	0.14	<1	177	<30	0.7	3020
795819	0.15	2	142	<30	<0.4	2490
795820	0.10	6	8.0	<30	<0.4	33100
795821	0.11	9	28.4	<30	<0.4	25600

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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIMV 1 -- ppb	Al GE_MMIMV 0.1 -- ppm m / m	As GE_MMIMV 30 -- ppb	Au GE_MMIMV 0.4 -- ppb	Ba GE_MMIMV 40 -- ppb
795822	0.09	4	17.8	<30	<0.4	34800
795823	0.11	6	20.2	60	<0.4	40300
795824	0.13	4	9.2	<30	<0.4	37600
795825	0.13	3	10.5	<30	<0.4	29000
*Rep 745985	-	4	34.9	50	<0.4	14800
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40
*Std AMIS0841	-	14	422	80	11.3	760
*Rep 795767	-	4	12.4	40	<0.4	13700
*Rep 795779	-	3	26.2	50	<0.4	52500
*Rep 795792	-	6	10.3	<30	<0.4	24800
*Rep 795807	-	6	16.3	<30	<0.4	28600
*Std SRM26	-	19	72.7	<30	11.3	680
*Rep 795823	-	7	21.3	<30	<0.4	41300
*Blk BLANK	-	<1	<0.1	<30	<0.4	<40

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
745984	1.0	1594	165	76	76	<100
745985	0.5	1613	90	84	84	100
745986	<0.5	2677	211	53	53	<100
745987	0.7	2233	78	119	119	<100
745988	<0.5	1873	59	112	112	<100
745989	<0.5	1264	101	42	42	<100
745990	<0.5	2176	42	88	88	<100
745991	<0.5	1840	78	82	82	<100
745992	<0.5	1662	88	74	74	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745993	<0.5	2065	86	64	64	<100
745994	<0.5	2176	45	55	55	<100
745995	<0.5	2119	181	32	32	<100
745996	<0.5	1973	164	58	58	<100
745997	1.6	1229	168	151	151	<100
745998	<0.5	1850	217	45	45	<100
745999	<0.5	1435	99	57	57	<100
746000	<0.5	1837	48	57	57	<100
795751	<0.5	2566	135	69	69	<100
795752	<0.5	1642	65	69	69	<100
795753	<0.5	1792	68	39	39	<100
795754	<0.5	2027	88	56	56	<100
795755	<0.5	2410	99	69	69	<100
795756	<0.5	2212	125	51	51	<100
795757	<0.5	2079	111	37	37	<100
795758	<0.5	1740	79	43	43	<100
795759	<0.5	1654	155	64	64	<100
795760	<0.5	2282	207	76	76	<100
795761	<0.5	3510	114	62	62	<100
795762	<0.5	2130	195	62	62	<100
795763	<0.5	1651	112	78	78	100
795764	<0.5	1908	85	53	53	100
795765	<0.5	1762	199	49	49	<100
795766	<0.5	1667	203	45	45	<100
795767	<0.5	1015	87	75	75	<100
795768	<0.5	1372	226	44	44	100
795769	<0.5	1626	120	61	61	<100
795770	<0.5	1462	77	42	42	<100
795771	<0.5	2014	230	44	44	<100

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIMV 0.5 -- ppb	Ca GE_MMIMV 2 -- ppm m / m	Cd GE_MMIMV 2 -- ppb	Ce GE_MMIMV 2 -- ppb	Co GE_MMIMV 1 -- ppb	Cr GE_MMIMV 100 -- ppb
795772	<0.5	2302	113	52	52	<100
795773	<0.5	2536	181	58	58	<100
795774	<0.5	2071	217	61	61	<100
795775	<0.5	1611	102	74	74	<100
795776	<0.5	1680	158	48	48	100
795777	<0.5	1189	52	55	55	<100
795778	<0.5	2141	186	48	48	<100
795779	<0.5	2647	157	81	81	<100
795780	<0.5	1541	140	64	64	<100
795781	<0.5	3272	79	58	58	<100
795782	<0.5	1760	188	52	52	<100
795783	1.5	1972	125	49	49	100
795784	2.6	1984	196	50	50	100
795785	0.9	2349	111	57	57	200
795786	0.7	1534	129	52	52	200
795787	0.9	1608	221	47	47	200
795788	<0.5	2855	124	62	62	100
795789	1.0	1587	55	59	59	200
795790	<0.5	1237	28	60	60	200
795791	0.5	1913	69	54	54	200
795792	<0.5	2268	307	63	63	200
795793	<0.5	1835	168	56	56	200
795794	<0.5	1956	146	51	51	200
795795	<0.5	2081	201	62	62	200
795796	<0.5	1390	74	58	58	200
795797	<0.5	1218	56	42	42	300
795798	<0.5	1858	222	83	83	400
795799	<0.5	1723	212	60	60	200
795801	<0.5	2204	74	65	65	200

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
795802	<0.5	1744	36	77	77	200
795803	<0.5	2193	139	72	72	200
795804	<0.5	2895	40	35	35	200
795805	0.7	1374	96	69	69	<100
795806	0.6	1183	207	55	55	100
795807	<0.5	1510	92	42	42	200
795808	<0.5	2251	52	121	121	300
795809	<0.5	1969	235	56	56	300
795810	<0.5	1536	190	55	55	200
795811	1.2	1248	166	92	92	200
795812	<0.5	1595	234	84	84	100
795813	1.1	1239	177	90	90	200
795814	<0.5	1813	218	70	70	200
795815	<0.5	1717	50	68	68	200
795816	<0.5	2271	153	55	55	200
795817	1.0	1474	354	127	127	200
795818	2.2	1419	183	117	117	100
795819	0.6	1400	291	97	97	100
795820	<0.5	2271	150	56	56	200
795821	<0.5	1875	219	97	97	200
795822	<0.5	2270	122	92	92	200
795823	<0.5	2222	107	66	66	200
795824	<0.5	1764	205	54	54	200
795825	<0.5	1413	49	33	33	100
*Rep 745985	0.5	1519	90	82	82	<100
*Bik BLANK	<0.5	<2	<2	<2	<1	<100
*Std AMIS0841	13.5	148	10	7440	685	<100
*Rep 795767	<0.5	990	65	80	80	<100
*Rep 795779	<0.5	2698	159	88	88	<100

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Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	2	2	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Rep 795792	<0.5	2305	311	64	64	200
*Rep 795807	<0.5	1461	88	49	49	200
*Std SRM26	1.9	131	14	864	62	<100
*Rep 795823	<0.5	2298	121	69	69	200
*Blk BLANK	<0.5	3	<2	<2	<1	<100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.2	20	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
745984	44.3	1400	6.5	3.0	4.3	27
745985	78.3	1670	6.5	3.6	3.8	28
745986	66.3	1750	4.2	2.1	6.2	43
745987	41.3	1350	8.9	4.2	7.3	37
745988	15.8	1440	8.5	3.8	6.3	29
745989	11.0	1990	2.9	1.4	2.8	20
745990	10.5	1140	6.0	3.2	4.4	34
745991	42.8	1210	6.7	2.7	5.1	30
745992	31.7	1680	5.6	3.0	4.0	28
745993	34.0	1560	5.0	2.5	4.1	33
745994	19.9	950	4.1	2.3	5.6	35
745995	23.8	1250	2.6	1.0	5.8	33
745996	24.2	1670	4.1	2.8	5.1	33
745997	22.3	1570	12.9	6.2	3.2	29
745998	19.8	1610	2.5	1.5	6.7	30
745999	19.6	1640	4.4	2.5	3.9	24
746000	64.6	1440	4.4	2.6	4.9	30
795751	49.8	1620	4.9	2.8	7.2	42

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
795752	29.8	1180	5.6	2.7	3.7	28
795753	8.1	1690	2.5	1.4	4.9	29
795754	13.1	1650	4.4	2.1	5.6	32
795755	19.4	1460	5.6	2.7	6.5	38
795756	30.7	1620	3.7	1.7	5.0	33
795757	22.9	1550	2.5	1.0	4.4	32
795758	27.8	1980	4.0	1.9	4.3	28
795759	16.2	1530	4.5	2.3	5.8	28
795760	5.7	1460	6.1	2.8	5.8	37
795761	5.1	1890	2.3	1.0	6.4	56
795762	14.6	1800	4.3	1.8	5.7	34
795763	27.8	1560	5.8	3.0	5.6	28
795764	53.1	1760	3.9	1.9	6.1	31
795765	24.8	3150	3.3	1.4	4.7	29
795766	24.5	2570	3.2	1.4	6.0	28
795767	33.3	1210	5.6	2.9	3.2	18
795768	17.5	2040	2.8	1.7	4.0	24
795769	166	1660	4.1	2.1	5.1	28
795770	46.3	1890	3.3	1.5	5.8	24
795771	24.6	1840	2.6	1.1	5.9	32
795772	41.0	1410	3.5	1.7	4.2	38
795773	19.2	1460	3.3	2.0	5.5	42
795774	39.3	1500	4.1	2.3	3.1	35
795775	47.1	1200	6.1	3.0	4.2	28
795776	32.9	2360	3.1	1.5	3.1	28
795777	36.2	1400	4.5	2.3	3.3	21
795778	52.1	1830	3.4	1.6	6.5	35
795779	47.3	1080	6.3	3.2	7.5	44
795780	22.4	2630	4.3	2.3	4.3	26

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
795781	282	1500	5.6	3.1	4.8	53
795782	92.8	2210	3.3	1.5	5.6	29
795783	36.2	1630	4.0	2.3	8.8	31
795784	36.8	2090	3.5	2.0	8.0	31
795785	52.1	1840	5.9	2.7	6.6	38
795786	23.3	1520	2.7	2.3	8.9	25
795787	27.2	1360	3.0	1.1	6.5	26
795788	41.2	1390	4.9	2.7	7.6	44
795789	97.2	1450	5.3	3.3	7.4	26
795790	75.0	1600	4.8	2.3	7.1	20
795791	16.9	1710	3.9	2.1	6.9	31
795792	9.9	1980	4.5	2.4	5.8	36
795793	22.1	1180	3.6	2.1	7.6	30
795794	97.6	1460	3.7	2.1	8.9	31
795795	87.0	1190	3.6	2.2	9.2	34
795796	91.4	1130	4.2	2.3	4.9	22
795797	42.2	1070	3.1	1.6	6.1	20
795798	73.5	1640	5.1	2.5	6.7	34
795799	28.5	1600	4.6	1.8	6.6	28
795801	3.8	1130	4.0	2.5	6.2	34
795802	6.6	1300	5.5	3.3	7.9	28
795803	31.9	1670	5.4	3.1	10.5	35
795804	15.6	1320	3.3	1.3	5.9	45
795805	6.2	1370	3.9	2.9	1.8	23
795806	8.1	1360	3.9	2.1	1.6	19
795807	28.3	1310	3.0	1.5	6.9	23
795808	11.0	1400	10.0	4.6	6.1	41
795809	9.3	1410	3.1	2.2	4.2	32
795810	64.8	1670	4.4	1.7	6.3	25

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIMV 0.2 -- ppb	Cu GE_MMIMV 20 -- ppb	Dy GE_MMIMV 0.5 -- ppb	Er GE_MMIMV 0.2 -- ppb	Eu GE_MMIMV 0.2 -- ppb	Fe GE_MMIMV 1 -- ppm m / m
795811	12.7	1870	6.9	4.0	1.9	24
795812	21.5	2090	5.5	2.7	1.7	26
795813	8.5	1390	6.8	3.5	2.2	24
795814	8.1	2610	4.6	2.9	5.0	29
795815	7.1	1760	6.4	3.0	7.1	29
795816	26.1	1190	4.4	2.2	4.5	35
795817	7.2	1690	10.3	5.0	2.9	26
795818	3.2	1000	8.6	4.6	3.3	25
795819	8.0	1420	7.9	3.6	2.9	24
795820	4.9	1360	5.3	2.2	7.2	34
795821	28.3	1820	5.4	3.0	6.0	32
795822	12.7	1190	6.8	3.9	7.2	36
795823	21.1	1420	4.5	2.4	8.6	35
795824	14.0	1650	4.1	1.7	7.7	29
795825	9.2	1180	2.3	0.5	5.7	21
*Rep 745985	73.6	1600	6.7	2.9	4.1	25
*Blk BLANK	<0.2	<20	<0.5	<0.2	<0.2	<1
*Std AMIS0841	333	34200	1650	836	544	29
*Rep 795767	33.4	1240	5.5	3.2	3.7	19
*Rep 795779	51.0	1200	6.8	3.4	7.8	46
*Rep 795792	8.6	2020	3.9	2.1	5.5	35
*Rep 795807	31.2	1360	3.2	1.0	5.6	23
*Std SRM26	34.1	680	34.5	16.0	13.6	14
*Rep 795823	22.7	1480	5.0	2.9	8.9	36
*Blk BLANK	<0.2	<20	<0.5	<0.2	0.2	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
745984	6	7.8	7	<0.1	432	37.3
745985	6	9.2	5	<0.1	338	39.4
745986	8	4.8	8	<0.1	442	27.2
745987	6	11.8	6	<0.1	272	61.8
745988	5	9.6	2	<0.1	184	52.1
745989	4	3.9	1	<0.1	205	20.6
745990	6	7.4	5	<0.1	159	39.6
745991	3	7.6	6	<0.1	275	37.1
745992	7	7.1	7	<0.1	337	36.2
745993	4	7.1	4	<0.1	253	30.2
745994	5	5.3	5	<0.1	206	26.8
745995	11	3.1	2	<0.1	330	16.3
745996	8	6.1	6	<0.1	351	29.5
745997	5	15.2	3	0.3	229	66.2
745998	8	3.6	6	<0.1	265	23.9
745999	5	5.7	3	<0.1	308	26.3
746000	4	5.5	3	<0.1	301	28.5
795751	7	7.1	8	<0.1	356	33.5
795752	5	7.4	10	<0.1	361	29.9
795753	5	4.4	3	<0.1	239	19.4
795754	6	5.2	7	<0.1	339	27.7
795755	4	8.5	4	<0.1	251	34.6
795756	5	4.3	4	<0.1	375	25.1
795757	6	3.7	4	<0.1	298	19.5
795758	5	4.8	4	0.1	238	22.5
795759	4	6.3	3	<0.1	295	33.3
795760	7	8.1	2	<0.1	194	40.5
795761	4	3.9	2	<0.1	997	44.8
795762	8	6.1	4	<0.1	334	32.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	1	0.2	1	0.1	1	0.5
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
795763	7	7.0	4	<0.1	424	37.3
795764	5	4.9	2	<0.1	629	24.9
795765	6	5.2	4	<0.1	346	25.3
795766	8	3.9	4	<0.1	346	24.3
795767	5	9.4	5	<0.1	369	30.7
795768	7	3.7	3	<0.1	439	23.0
795769	6	4.9	3	<0.1	327	32.5
795770	6	4.0	1	<0.1	272	21.8
795771	11	3.4	1	<0.1	363	21.9
795772	6	5.1	4	<0.1	294	26.0
795773	10	6.0	7	<0.1	504	30.8
795774	6	5.2	8	<0.1	436	32.3
795775	6	6.8	6	<0.1	418	35.5
795776	7	3.8	4	<0.1	508	24.7
795777	4	5.2	6	<0.1	358	23.1
795778	7	4.1	4	<0.1	558	24.8
795779	6	8.7	7	<0.1	266	41.4
795780	7	5.8	3	<0.1	411	31.8
795781	6	8.7	3	<0.1	741	26.9
795782	11	4.3	5	<0.1	418	26.3
795783	9	5.8	3	<0.1	278	26.4
795784	5	6.8	2	<0.1	335	23.6
795785	7	7.3	6	<0.1	271	28.5
795786	9	5.0	4	<0.1	215	26.4
795787	8	4.7	2	<0.1	278	23.2
795788	6	7.8	6	<0.1	256	29.0
795789	4	8.2	3	<0.1	421	25.7
795790	3	6.1	3	<0.1	298	27.2
795791	3	6.4	5	<0.1	217	25.8

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
795792	8	5.7	6	<0.1	243	32.4
795793	7	6.5	5	<0.1	383	28.3
795794	7	5.1	3	<0.1	214	25.5
795795	7	5.6	5	<0.1	323	31.8
795796	4	6.9	4	<0.1	294	27.1
795797	5	3.3	3	<0.1	252	21.9
795798	9	7.0	7	<0.1	733	41.9
795799	8	5.6	3	<0.1	324	30.3
795801	7	6.5	3	<0.1	144	30.3
795802	4	9.4	4	<0.1	222	34.2
795803	4	10.1	3	<0.1	192	36.9
795804	3	4.2	2	<0.1	767	18.4
795805	3	7.1	5	<0.1	247	30.4
795806	4	5.5	2	<0.1	206	25.3
795807	5	3.6	2	<0.1	282	19.2
795808	6	13.8	10	<0.1	300	57.1
795809	6	5.8	3	<0.1	294	27.8
795810	7	4.3	5	<0.1	359	28.6
795811	5	8.4	4	<0.1	379	41.8
795812	3	8.9	2	<0.1	220	32.4
795813	3	8.8	4	<0.1	181	41.3
795814	7	7.4	5	<0.1	319	34.9
795815	5	7.8	9	<0.1	255	32.5
795816	4	6.1	6	<0.1	285	25.8
795817	6	12.9	5	<0.1	242	55.5
795818	3	12.5	2	<0.1	181	49.6
795819	3	11.3	2	0.1	141	45.4
795820	7	5.8	4	<0.1	214	25.7
795821	5	10.3	8	<0.1	341	47.6

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIMV 1 -- ppb	Gd GE_MMIMV 0.2 -- ppb	Hg GE_MMIMV 1 -- ppb	In GE_MMIMV 0.1 -- ppb	K GE_MMIMV 1 -- ppm m / m	La GE_MMIMV 0.5 -- ppb
795822	6	8.3	7	<0.1	282	43.7
795823	5	6.6	5	<0.1	232	32.1
795824	7	5.2	10	<0.1	309	26.6
795825	2	3.3	2	<0.1	232	14.7
*Rep 745985	6	9.0	6	<0.1	318	39.6
*Blk BLANK	<1	<0.2	<1	<0.1	<1	<0.5
*Std AMIS0841	70	2210	2	0.7	191	5530
*Rep 795767	6	9.8	4	<0.1	365	31.8
*Rep 795779	6	9.8	6	<0.1	289	43.2
*Rep 795792	9	5.6	8	<0.1	229	31.3
*Rep 795807	7	5.2	4	<0.1	333	23.0
*Std SRM26	10	59.7	11	<0.1	35	345
*Rep 795823	5	7.1	6	<0.1	248	33.9
*Blk BLANK	<1	0.4	<1	<0.1	<1	<0.5

Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
745984	10	218	224000	1	3.7	40
745985	20	176	172000	2	1.1	44
745986	20	236	215000	2	0.7	26
745987	<10	230	186000	2	0.7	56
745988	<10	259	138000	<1	0.9	55
745989	<10	177	152000	<1	1.3	19
745990	<10	180	192000	3	0.9	38
745991	<10	208	91200	<1	<0.5	43
745992	20	240	198000	<1	<0.5	37

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIMV 10 -- ppb	Mg GE_MMIMV 1 -- ppm m / m	Mn GE_MMIMV 10 -- ppb	Mo GE_MMIMV 1 -- ppb	Nb GE_MMIMV 0.5 -- ppb	Nd GE_MMIMV 1 -- ppb
745993	<10	185	160000	<1	<0.5	32
745994	<10	177	118000	<1	<0.5	28
745995	<10	257	353000	2	1.3	16
745996	<10	173	228000	2	<0.5	30
745997	<10	146	66900	2	<0.5	77
745998	<10	203	251000	4	<0.5	20
745999	<10	146	110000	<1	<0.5	31
746000	10	279	157000	1	<0.5	31
795751	<10	245	216000	2	<0.5	34
795752	<10	152	136000	3	<0.5	40
795753	<10	168	152000	2	<0.5	20
795754	<10	176	172000	2	<0.5	26
795755	<10	222	145000	2	<0.5	36
795756	<10	250	203000	<1	<0.5	24
795757	<10	261	179000	<1	<0.5	18
795758	<10	197	155000	1	1.8	23
795759	<10	173	150000	2	1.1	33
795760	<10	209	214000	2	<0.5	36
795761	10	324	140000	1	1.0	23
795762	<10	216	242000	3	<0.5	28
795763	<10	209	189000	3	<0.5	37
795764	<10	192	160000	3	<0.5	26
795765	<10	178	216000	1	<0.5	22
795766	<10	171	261000	2	<0.5	21
795767	<10	134	129000	<1	<0.5	41
795768	20	177	200000	<1	<0.5	20
795769	<10	200	193000	3	<0.5	26
795770	<10	184	159000	<1	<0.5	23
795771	<10	237	357000	3	<0.5	23

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
795772	<10	194	184000	<1	<0.5	23
795773	10	358	366000	3	<0.5	27
795774	10	190	245000	<1	<0.5	30
795775	<10	220	167000	2	<0.5	40
795776	10	207	253000	2	<0.5	20
795777	<10	138	106000	<1	<0.5	28
795778	10	321	239000	1	<0.5	23
795779	<10	211	173000	<1	<0.5	44
795780	10	189	231000	2	<0.5	31
795781	<10	372	157000	<1	<0.5	33
795782	<10	198	323000	2	<0.5	22
795783	<10	193	274000	5	0.9	27
795784	10	169	162000	2	0.6	27
795785	<10	196	171000	4	<0.5	34
795786	<10	173	226000	4	0.5	26
795787	<10	165	271000	4	<0.5	25
795788	<10	279	161000	2	<0.5	35
795789	10	220	112000	2	<0.5	34
795790	10	198	84000	2	<0.5	31
795791	<10	225	126000	2	<0.5	27
795792	<10	230	317000	7	<0.5	30
795793	<10	260	270000	6	<0.5	28
795794	<10	222	265000	4	<0.5	26
795795	<10	141	222000	3	<0.5	27
795796	<10	137	143000	1	<0.5	31
795797	10	191	152000	3	<0.5	21
795798	30	283	340000	6	1.1	39
795799	10	195	281000	6	<0.5	29
795801	<10	160	287000	6	<0.5	31

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
795802	<10	145	148000	2	<0.5	40
795803	<10	135	199000	3	<0.5	38
795804	<10	334	93000	<1	<0.5	19
795805	<10	193	48200	<1	<0.5	35
795806	<10	191	72100	1	<0.5	28
795807	<10	172	204000	3	<0.5	22
795808	<10	195	135000	3	<0.5	64
795809	<10	214	240000	5	<0.5	28
795810	<10	189	243000	2	<0.5	24
795811	<10	169	81200	<1	<0.5	47
795812	<10	184	95700	2	<0.5	46
795813	<10	170	66200	2	<0.5	47
795814	10	174	282000	6	<0.5	37
795815	<10	173	134000	2	<0.5	36
795816	<10	237	136000	2	<0.5	31
795817	<10	217	104000	2	<0.5	68
795818	<10	239	62900	2	<0.5	64
795819	<10	152	93500	<1	<0.5	51
795820	<10	171	237000	6	<0.5	31
795821	10	205	186000	3	<0.5	43
795822	<10	211	185000	5	<0.5	44
795823	<10	219	207000	4	<0.5	33
795824	<10	204	276000	5	<0.5	27
795825	<10	125	79600	<1	<0.5	15
*Rep 745985	<10	171	170000	<1	<0.5	43
*Bik BLANK	<10	<1	<10	<1	1.2	<1
*Std AMIS0841	<10	18	46300	62	<0.5	11300
*Rep 795767	<10	134	127000	<1	<0.5	42
*Rep 795779	<10	219	179000	2	<0.5	42

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	1	10	1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Rep 795792	<10	230	315000	7	<0.5	33
*Rep 795807	<10	176	196000	4	<0.5	24
*Std SRM26	<10	30	780	55	<0.5	365
*Rep 795823	<10	224	213000	3	<0.5	32
*Blk BLANK	<10	<1	<10	<1	<0.5	<1

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
745984	400	71.0	480	<1	9.8	<0.2
745985	590	62.6	620	<1	10.0	<0.2
745986	1030	84.9	440	<1	6.5	<0.2
745987	940	59.2	960	<1	14.4	<0.2
745988	870	58.8	610	<1	13.3	<0.2
745989	470	39.8	170	<1	4.8	<0.2
745990	260	45.3	570	<1	10.1	<0.2
745991	500	65.4	540	<1	10.3	<0.2
745992	620	93.8	400	<1	9.4	<0.2
745993	580	58.1	390	<1	7.8	<0.2
745994	300	46.9	470	<1	6.2	<0.2
745995	820	69.6	80	<1	3.5	<0.2
745996	670	96.2	440	<1	6.6	<0.2
745997	510	85.7	1620	2	19.3	<0.2
745998	500	58.2	180	<1	5.1	<0.2
745999	340	48.2	270	<1	7.5	<0.2
746000	720	65.6	270	<1	7.4	<0.2
795751	460	108	580	<1	8.4	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
795752	300	125	210	<1	9.2	<0.2
795753	490	60.6	110	<1	4.5	<0.2
795754	380	74.1	320	<1	6.4	<0.2
795755	450	59.1	360	<1	8.5	<0.2
795756	410	89.7	330	<1	5.7	<0.2
795757	420	79.9	200	<1	4.5	<0.2
795758	500	49.2	280	<1	5.8	<0.2
795759	340	60.7	340	<1	7.8	<0.2
795760	290	62.5	390	1	8.9	<0.2
795761	610	56.2	290	<1	5.8	<0.2
795762	370	89.0	280	<1	7.0	<0.2
795763	380	116	200	<1	9.0	<0.2
795764	350	110	180	<1	6.3	<0.2
795765	590	77.7	250	<1	5.7	<0.2
795766	380	55.8	270	1	5.2	<0.2
795767	310	104	200	<1	9.2	<0.2
795768	500	59.9	210	<1	4.8	<0.2
795769	420	68.3	310	<1	7.1	<0.2
795770	500	69.9	130	<1	5.1	<0.2
795771	620	91.0	110	<1	4.9	<0.2
795772	470	85.2	490	<1	6.1	<0.2
795773	690	94.2	300	<1	6.5	<0.2
795774	460	73.2	380	<1	7.3	<0.2
795775	300	130	290	<1	8.8	<0.2
795776	370	87.0	240	1	5.2	<0.2
795777	290	94.4	140	<1	6.7	<0.2
795778	660	83.3	230	<1	5.1	<0.2
795779	520	68.3	540	<1	10.3	<0.2
795780	380	69.5	320	<1	7.1	<0.2

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Element Method Lower Limit Upper Limit Unit	Ni GE_MMIMV 10 -- ppb	P GE_MMIMV 0.5 -- ppm m / m	Pb GE_MMIMV 40 -- ppb	Pd GE_MMIMV 1 -- ppb	Pr GE_MMIMV 0.5 -- ppb	Pt GE_MMIMV 0.2 -- ppb
795781	450	121	390	<1	7.4	<0.2
795782	480	70.7	270	1	6.0	<0.2
795783	470	65.9	270	<1	7.5	0.2
795784	360	60.9	330	<1	6.5	0.3
795785	400	67.5	480	<1	7.7	<0.2
795786	360	47.0	330	<1	6.8	<0.2
795787	260	61.6	300	<1	5.7	0.4
795788	710	56.8	370	<1	8.0	<0.2
795789	370	78.5	140	<1	8.4	<0.2
795790	400	61.2	170	<1	7.4	<0.2
795791	470	48.4	260	<1	6.6	<0.2
795792	280	52.0	350	2	7.4	<0.2
795793	550	49.1	350	<1	6.8	<0.2
795794	580	59.6	260	<1	6.2	0.3
795795	630	96.9	460	<1	8.0	<0.2
795796	380	56.4	450	<1	6.8	<0.2
795797	360	46.4	190	<1	5.0	<0.2
795798	630	106	430	2	9.8	<0.2
795799	390	66.5	310	<1	7.3	<0.2
795801	250	36.3	240	1	7.8	<0.2
795802	250	52.0	440	<1	9.3	<0.2
795803	600	56.5	620	<1	9.5	<0.2
795804	350	58.8	300	<1	4.3	<0.2
795805	470	78.6	310	2	8.6	<0.2
795806	410	71.9	430	<1	7.5	<0.2
795807	500	77.5	100	<1	4.8	<0.2
795808	350	68.2	1100	<1	15.7	0.4
795809	520	66.9	320	<1	6.6	<0.2
795810	480	68.9	270	<1	6.6	<0.2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	10	0.5	40	1	0.5	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
795811	490	118	1000	<1	11.3	<0.2
795812	340	85.7	580	<1	10.4	<0.2
795813	270	51.9	1030	<1	10.7	<0.2
795814	460	63.5	380	<1	8.3	<0.2
795815	290	50.6	480	<1	8.6	<0.2
795816	420	59.0	340	<1	6.6	0.2
795817	470	101	1460	<1	16.7	<0.2
795818	550	59.3	810	<1	14.2	<0.2
795819	300	61.9	1300	<1	13.2	<0.2
795820	320	62.6	400	<1	6.8	<0.2
795821	540	65.4	810	1	11.8	<0.2
795822	420	68.6	940	1	10.7	<0.2
795823	440	47.9	580	<1	8.0	<0.2
795824	700	56.0	330	<1	6.1	<0.2
795825	220	38.7	150	<1	3.7	0.2
*Rep 745985	580	55.8	600	<1	10.1	<0.2
*Blk BLANK	<10	<0.5	<40	<1	<0.5	<0.2
*Std AMIS0841	520	5.3	790	<1	2580	<0.2
*Rep 795767	300	103	210	<1	9.8	<0.2
*Rep 795779	540	79.1	590	<1	10.8	<0.2
*Rep 795792	310	47.9	350	1	7.7	<0.2
*Rep 795807	490	94.9	120	<1	6.3	<0.2
*Std SRM26	220	1.3	1440	7	89.8	3.2
*Rep 795823	460	50.2	610	<1	7.9	<0.2
*Blk BLANK	20	<0.5	<40	<1	<0.5	<0.2

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
745984	2620	19	21	8	<10	5390
745985	1870	10	17	10	<10	5800
745986	2340	8	6	6	<10	10700
745987	1310	7	9	12	<10	11500
745988	696	5	6	11	<10	6130
745989	943	5	<5	5	<10	5200
745990	626	6	<5	8	<10	4930
745991	1080	5	6	9	<10	7190
745992	1430	8	7	8	<10	4690
745993	982	3	<5	7	<10	4950
745994	744	6	<5	6	<10	9150
745995	1610	4	<5	3	<10	6750
745996	1640	3	<5	6	<10	7940
745997	932	5	8	15	<10	3270
745998	993	3	<5	5	<10	8910
745999	997	5	<5	5	<10	4490
746000	1300	2	<5	6	<10	5950
795751	2080	3	<5	7	<10	9440
795752	2360	3	<5	8	<10	5420
795753	736	4	<5	4	<10	7890
795754	1290	4	<5	6	<10	7990
795755	990	2	<5	8	<10	10300
795756	1680	1	<5	4	<10	8260
795757	1440	2	<5	3	<10	6460
795758	1130	2	<5	5	<10	5350
795759	1160	3	<5	6	<10	7210
795760	400	2	<5	8	<10	11200
795761	2310	3	<5	4	<10	23100
795762	1130	1	<5	5	<10	8030

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
795763	1540	4	5	8	<10	6090
795764	2850	3	<5	5	<10	6840
795765	1510	2	<5	5	<10	7610
795766	1900	2	<5	4	<10	8860
795767	1500	3	<5	8	<10	2770
795768	2060	3	<5	4	<10	5300
795769	1470	2	<5	5	<10	7870
795770	1300	3	<5	4	<10	4760
795771	1320	2	<5	4	<10	7230
795772	1120	2	<5	5	<10	8460
795773	2000	2	<5	6	<10	9490
795774	1760	2	<5	5	<10	6470
795775	1570	1	<5	8	<10	6970
795776	2370	2	<5	4	<10	7610
795777	1630	2	<5	6	<10	4880
795778	2680	2	<5	5	<10	9280
795779	1080	<1	<5	9	<10	11800
795780	1790	2	<5	7	<10	5070
795781	4360	2	<5	7	<10	12700
795782	2380	1	<5	5	<10	6790
795783	1140	4	19	6	<10	8000
795784	1780	5	13	7	<10	8210
795785	1550	3	18	7	<10	6960
795786	1350	4	14	6	<10	8510
795787	1680	3	14	4	<10	5950
795788	1970	2	14	7	<10	12300
795789	2870	3	15	8	<10	11500
795790	1780	3	19	8	<10	7670
795791	1020	2	12	5	<10	7970

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Element Method	Rb GE_MMIMV	Sb GE_MMIMV	Sc GE_MMIMV	Sm GE_MMIMV	Sn GE_MMIMV	Sr GE_MMIMV
Lower Limit	1	1	5	1	10	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
795792	994	2	14	7	<10	7640
795793	1450	3	17	6	<10	10300
795794	1210	<1	11	6	<10	8280
795795	1820	2	17	7	<10	11900
795796	1760	3	16	6	<10	5190
795797	1220	2	16	4	<10	6010
795798	3240	4	26	10	<10	9050
795799	1560	<1	12	4	<10	8540
795801	458	1	10	7	<10	6290
795802	629	3	16	8	<10	7410
795803	641	2	13	7	<10	8210
795804	2760	2	12	4	<10	16300
795805	654	1	10	7	<10	2240
795806	625	1	8	6	<10	2400
795807	1530	2	14	5	<10	4740
795808	885	3	21	14	<10	6060
795809	1100	1	15	5	<10	4340
795810	1930	2	14	7	<10	6320
795811	1370	5	13	10	<10	2690
795812	882	2	9	8	<10	2980
795813	687	2	11	7	<10	2930
795814	1430	2	16	7	<10	5740
795815	943	2	12	8	<10	7600
795816	1820	1	13	5	<10	8940
795817	767	1	15	13	<10	3320
795818	433	1	13	11	<10	3000
795819	573	1	11	11	<10	3710
795820	824	1	11	6	<10	7690
795821	1620	1	16	10	<10	6810

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIMV 1 -- ppb	Sb GE_MMIMV 1 -- ppb	Sc GE_MMIMV 5 -- ppb	Sm GE_MMIMV 1 -- ppb	Sn GE_MMIMV 10 -- ppb	Sr GE_MMIMV 10 -- ppb
795822	1200	2	13	9	<10	9470
795823	1070	<1	10	6	<10	8430
795824	1260	<1	10	5	<10	7070
795825	951	<1	12	3	<10	5260
*Rep 745985	1760	9	10	9	<10	5500
*Blk BLANK	<1	2	<5	<1	<10	<10
*Std AMIS0841	2880	15	2110	2520	<10	410
*Rep 795767	1480	3	<5	10	<10	2810
*Rep 795779	1180	2	<5	9	<10	12100
*Rep 795792	954	1	11	5	<10	7440
*Rep 795807	1710	2	10	5	<10	4570
*Std SRM26	285	<1	59	72	<10	3070
*Rep 795823	1090	2	14	9	<10	8650
*Blk BLANK	<1	<1	<5	<1	<10	<10

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745984	<2	1.3	10	6.5	300	5.8
745985	<2	1.3	<10	9.0	300	1.8
745986	<2	1.0	<10	4.3	300	3.5
745987	<2	1.8	<10	10.3	300	5.5
745988	<2	1.8	20	7.8	200	0.8
745989	<2	0.6	<10	2.4	200	1.9
745990	<2	1.3	<10	5.6	200	1.1
745991	<2	1.2	<10	7.6	300	2.9
745992	<2	1.0	<10	4.0	400	4.3

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIMV 2 -- ppb	Tb GE_MMIMV 0.1 -- ppb	Te GE_MMIMV 10 -- ppb	Th GE_MMIMV 0.5 -- ppb	Ti GE_MMIMV 100 -- ppb	Tl GE_MMIMV 0.1 -- ppb
745993	<2	0.9	<10	5.3	200	4.7
745994	<2	0.7	<10	4.2	200	6.2
745995	<2	0.3	<10	1.3	300	2.4
745996	<2	0.7	<10	2.7	400	3.8
745997	<2	2.2	<10	13.1	400	2.6
745998	<2	0.3	<10	2.1	200	2.7
745999	<2	0.8	<10	3.2	200	3.3
746000	<2	0.9	<10	4.3	300	5.8
795751	<2	0.9	<10	3.6	400	2.7
795752	<2	1.0	<10	4.7	500	1.4
795753	<2	0.4	<10	2.3	300	0.6
795754	<2	0.7	<10	3.2	300	1.8
795755	<2	1.0	<10	4.7	200	5.7
795756	<2	0.5	<10	2.6	300	3.1
795757	<2	0.4	<10	2.1	300	5.4
795758	<2	0.9	<10	6.4	200	4.4
795759	<2	0.9	<10	5.6	300	3.1
795760	<2	1.0	<10	5.0	300	1.4
795761	<2	0.5	<10	1.9	200	3.5
795762	<2	0.9	<10	2.3	400	3.0
795763	<2	1.0	<10	5.7	400	2.2
795764	<2	0.7	<10	2.9	400	5.2
795765	<2	0.5	<10	2.6	300	3.2
795766	<2	0.4	<10	2.0	200	0.7
795767	<2	1.1	<10	7.1	400	3.7
795768	<2	0.6	<10	2.0	300	1.4
795769	<2	0.5	<10	2.4	300	3.1
795770	<2	0.6	<10	1.4	300	0.9
795771	<2	0.5	<10	1.7	400	1.8

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
795772	<2	0.7	<10	1.5	300	0.7
795773	<2	0.6	<10	2.5	400	2.7
795774	<2	0.8	<10	3.7	300	4.1
795775	<2	1.2	<10	4.5	500	2.2
795776	<2	0.4	<10	2.2	400	1.5
795777	<2	0.6	<10	3.5	400	4.1
795778	<2	0.6	<10	2.1	400	6.7
795779	<2	1.2	<10	6.8	300	4.6
795780	<2	0.7	<10	2.8	300	2.7
795781	<2	1.2	<10	3.1	500	6.4
795782	<2	0.5	<10	2.8	300	2.8
795783	<2	1.1	<10	4.3	300	2.2
795784	<2	1.1	<10	4.5	200	1.4
795785	<2	0.9	<10	4.2	300	6.5
795786	<2	0.6	<10	2.1	200	4.8
795787	<2	0.7	<10	1.9	200	2.9
795788	<2	1.0	<10	4.1	200	1.3
795789	<2	0.7	<10	3.2	300	3.4
795790	<2	0.7	<10	4.4	200	4.0
795791	<2	0.6	<10	1.7	200	5.9
795792	<2	1.0	<10	2.6	200	1.6
795793	<2	0.6	<10	3.1	200	3.2
795794	<2	0.7	<10	1.3	200	6.0
795795	<2	0.8	<10	2.6	400	3.3
795796	<2	0.7	<10	1.4	200	6.0
795797	<2	0.4	<10	1.6	200	0.6
795798	<2	0.9	<10	5.6	400	3.2
795799	<2	0.7	<10	1.4	200	4.3
795801	<2	0.8	<10	1.5	200	1.6

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
795802	<2	1.2	<10	3.3	200	1.9
795803	<2	0.8	<10	3.0	200	2.1
795804	<2	0.4	<10	<0.5	200	9.3
795805	<2	0.9	<10	6.1	300	1.9
795806	<2	0.6	<10	2.7	200	2.5
795807	<2	0.4	<10	1.4	300	0.3
795808	<2	2.4	<10	10.4	300	3.7
795809	<2	0.8	<10	1.1	200	1.3
795810	<2	0.5	<10	1.4	200	2.5
795811	<2	1.1	<10	3.8	400	3.5
795812	<2	0.8	<10	3.0	300	5.5
795813	<2	1.1	<10	5.1	200	1.8
795814	<2	0.9	<10	3.1	200	1.8
795815	<2	1.0	<10	3.9	200	2.3
795816	<2	0.6	<10	2.0	200	7.7
795817	<2	1.9	<10	7.7	300	2.0
795818	<2	1.5	<10	8.1	200	3.7
795819	<2	1.7	<10	4.3	200	2.4
795820	<2	0.7	<10	1.0	200	0.5
795821	<2	1.2	<10	6.2	300	6.2
795822	<2	1.2	<10	3.6	200	4.2
795823	<2	0.8	<10	2.7	100	5.5
795824	<2	0.5	<10	2.1	200	2.1
795825	<2	0.1	<10	<0.5	100	2.6
*Rep 745985	<2	1.4	<10	8.5	200	1.6
*Blk BLANK	<2	<0.1	10	0.5	<100	<0.1
*Std AMIS0841	<2	308	<10	1060	<100	6.4
*Rep 795767	<2	1.1	<10	7.5	400	4.0
*Rep 795779	<2	1.3	<10	6.7	500	4.5

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	2	0.1	10	0.5	100	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 795792	<2	0.9	<10	1.7	200	1.4
*Rep 795807	<2	0.6	<10	2.3	300	0.4
*Std SRM26	<2	7.9	<10	48.6	<100	1.6
*Rep 795823	<2	0.9	<10	2.9	200	6.2
*Blk BLANK	<2	<0.1	<10	<0.5	<100	<0.1

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV	GE_MMIMV
Lower Limit	0.5	1	1	0.2	100	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
745984	2.2	<1	32	2.8	36400	12
745985	3.2	<1	37	2.7	33800	12
745986	1.6	<1	22	1.4	44600	8
745987	3.4	<1	49	3.9	38600	10
745988	3.0	<1	43	3.5	31900	7
745989	0.7	<1	16	1.1	24500	2
745990	1.7	<1	34	2.8	37400	7
745991	2.3	<1	35	2.2	21400	7
745992	2.9	<1	29	2.2	47200	10
745993	1.5	<1	28	2.0	33100	9
745994	1.4	<1	23	1.6	37800	5
745995	<0.5	<1	12	0.6	33800	3
745996	1.2	<1	24	1.8	27900	6
745997	5.0	1	69	5.0	23400	15
745998	0.7	<1	16	1.1	32600	5
745999	1.4	<1	23	1.5	15500	4
746000	1.7	<1	25	1.8	38200	5
795751	1.7	<1	30	2.0	32100	6

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Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
795752	2.0	<1	33	1.9	12400	7
795753	1.0	<1	17	1.0	23800	3
795754	1.1	<1	22	1.8	32900	6
795755	1.6	<1	30	2.3	31700	5
795756	1.2	<1	20	1.1	33400	4
795757	0.6	<1	15	0.9	36300	4
795758	1.1	<1	19	1.4	31500	4
795759	1.2	<1	27	1.9	26500	7
795760	1.1	<1	32	2.0	35800	5
795761	<0.5	<1	15	1.0	102000	5
795762	0.9	<1	23	1.6	29500	4
795763	2.1	<1	32	2.3	28600	10
795764	0.8	<1	22	1.3	25500	3
795765	0.8	<1	20	1.3	36600	6
795766	<0.5	<1	18	1.0	28000	6
795767	2.2	<1	35	2.4	12400	8
795768	0.7	<1	16	1.0	31900	8
795769	1.3	<1	22	1.7	39600	6
795770	0.5	<1	16	1.0	25600	5
795771	0.7	<1	17	1.1	37700	5
795772	0.7	<1	19	1.4	23500	3
795773	1.0	<1	21	1.4	49700	7
795774	1.4	<1	24	1.7	39000	8
795775	1.8	<1	32	2.2	21300	9
795776	0.6	<1	18	1.2	33800	8
795777	1.4	<1	24	1.4	12800	6
795778	1.0	<1	19	1.1	35400	6
795779	2.1	<1	34	2.0	41300	5
795780	1.2	<1	26	1.9	32000	9

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (883-973)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
91

ANALYSIS REPORT BBM22-19265

Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
795781	1.2	<1	34	2.2	60900	4
795782	1.0	<1	19	1.1	32100	5
795783	0.9	<1	21	1.8	32000	7
795784	1.0	<1	22	1.8	30800	5
795785	1.6	<1	27	1.8	34600	5
795786	1.0	<1	21	1.7	27200	5
795787	0.6	<1	17	1.3	29500	6
795788	1.3	<1	30	2.0	35700	3
795789	1.0	1	30	1.9	23900	4
795790	2.2	<1	25	1.5	22100	8
795791	1.3	<1	24	2.0	26900	5
795792	1.2	<1	26	1.9	54000	5
795793	1.0	<1	23	2.2	45300	9
795794	0.9	<1	20	1.5	38700	3
795795	1.6	<1	25	1.9	43200	8
795796	1.6	<1	24	2.0	23900	8
795797	1.3	<1	17	1.5	22700	5
795798	2.2	<1	35	2.5	60500	23
795799	1.2	<1	23	2.1	41100	8
795801	1.0	<1	27	1.6	60100	6
795802	1.7	<1	35	3.1	29300	6
795803	1.6	<1	32	1.9	26100	8
795804	<0.5	<1	18	0.8	63900	<2
795805	3.3	1	28	2.4	23300	8
795806	2.3	1	24	1.6	27600	5
795807	1.2	<1	17	1.7	29100	4
795808	3.6	<1	56	4.1	39400	18
795809	1.4	1	23	1.9	35000	6
795810	1.2	<1	19	1.0	23800	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Samples (883-973)
Number of Samples

CRITICAL RESOURCES
CRITICAL RESOURCES/973
91

ANALYSIS REPORT BBM22-19265

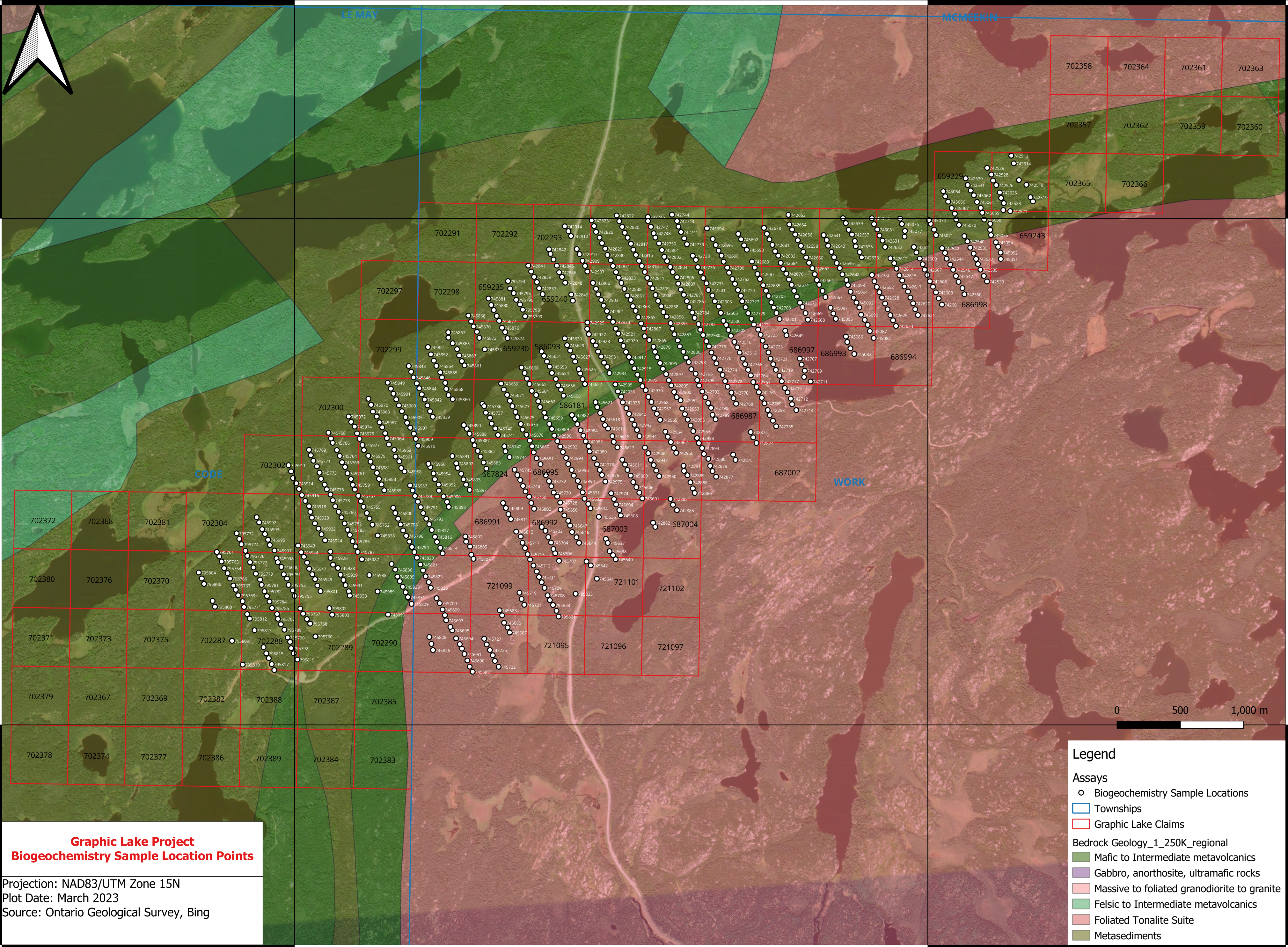
Element Method Lower Limit Upper Limit Unit	U GE_MMIMV 0.5 -- ppb	W GE_MMIMV 1 -- ppb	Y GE_MMIMV 1 -- ppb	Yb GE_MMIMV 0.2 -- ppb	Zn GE_MMIMV 100 -- ppb	Zr GE_MMIMV 2 -- ppb
795811	4.1	<1	38	3.1	26000	10
795812	2.6	<1	31	1.9	32300	6
795813	2.6	<1	38	3.0	22000	10
795814	1.1	<1	28	2.6	33600	8
795815	1.8	<1	31	2.5	27400	8
795816	0.9	<1	25	2.0	32900	5
795817	5.4	<1	58	4.7	37500	13
795818	4.8	3	49	3.4	27900	7
795819	3.2	<1	47	3.5	25400	7
795820	0.7	<1	26	1.9	25000	5
795821	2.4	<1	37	2.8	37200	10
795822	1.8	<1	36	2.4	27900	8
795823	1.5	<1	27	1.8	52500	5
795824	0.8	<1	20	1.3	35000	6
795825	<0.5	<1	11	0.9	19200	2
*Rep 745985	2.8	<1	33	2.5	33100	12
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2
*Std AMIS0841	544	9	7510	733	1400	947
*Rep 795767	2.5	<1	37	2.4	12500	6
*Rep 795779	2.1	<1	39	2.7	41900	5
*Rep 795792	0.8	<1	25	1.6	55700	5
*Rep 795807	1.6	<1	21	1.6	27600	5
*Std SRM26	44.4	<1	208	10.2	400	53
*Rep 795823	1.7	<1	28	2.0	55300	5
*Blk BLANK	<0.5	<1	<1	<0.2	<100	<2

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

APPENDIX C – LARGE FORMAT MAP WITH BIOGEOCHEMISTRY SAMPLE POINT

420000

425000



5496000

5496000

5492000

5492000

420000

425000

**Graphic Lake Project
Biogeochemistry Sample Location Points**

Projection: NAD83/UTM Zone 15N
 Plot Date: March 2023
 Source: Ontario Geological Survey, Bing

Legend

Assays

- Biogeochemistry Sample Locations
- ▭ Townships
- ▭ Graphic Lake Claims

Bedrock Geology_1_250K_regional

- Mafic to Intermediate metavolcanics
- Gabbro, anorthosite, ultramafic rocks
- Massive to foliated granodiorite to granite
- Felsic to Intermediate metavolcanics
- Foliated Tonalite Suite
- Metasediments

APPENDIX D – LITHOGEOCHEMISTRY SAMPLE WORKSHEET

Sample ID	Easting	Northing	Date	Sampler	Mapped Bed	Sample Des
742551	425576.1	5495679	02/06/2022	SP	Metasedimentary Rocks	Dk grey weak/moderately foliated metased.
742552	425574.6	5495730	02/06/2022	SP	Foliated Tonalite Suite	Dk grey to lt grey weak to moderately foliated tonalite. 3% bt, trace sulphides.
742553	425493.2	5495957	02/06/2022	SP	Foliated Tonalite Suite	Lt grey fine to med grained tonalite. Weak to moderately foliated. 5% bt in 3 mm patches or foliations.
742554	425445.1	5495990	02/06/2022	SP	Foliated Tonalite Suite	Pinkish med grained granite, lesser qtz?. 3% 3-5 mm elongated and patcy bt.
742555	425430.2	5496045	02/06/2022	SP	Metasedimentary Rocks	Fk grey fine grained weakly foliated metased. 3% fg bt.
742556	425417.5	5496083	02/06/2022	SP	Foliated Tonalite Suite	Mottled pinkish, lt grey 1-5 mm med grained granite. 5% 1-3 mm bt, 3% bt?
742557	425388.4	5496130	02/06/2022	SP	Metasedimentary Rocks	Dk grey fine grained weakly foliated metased.
742558	425363.7	5496182	02/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased.
742559	425121.9	5496214	04/06/2022	SP	Metasedimentary Rocks	Dk grey fine grained metased. 5% fg bt?
742560	425137.6	5496174	04/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased. 5% fg bt.
742561	425160.5	5496132	04/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased.
742562	425188.2	5496082	04/06/2022	SP	Metasedimentary Rocks	Dk grey fine grained weakly foliated metased.
742563	425213.3	5496037	04/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 5% fg bt.
742564	425007.9	5495986	04/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased.
742565	424781.2	5495998	04/06/2022	SP	Metasedimentary Rocks	Grey fg weakly foliated metased. 5% vfg bt?
742566	424795.3	5495955	04/06/2022	SP	Metasedimentary Rocks	Lt to dark grey moderately foliated fine grained metased. 10% fg bt.
742567	424819.5	5495901	04/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 5% bt.
742568	424575.6	5495954	04/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. 5% fg bt.
742569	424419.5	5494929	05/06/2022	SP	Foliated Tonalite Suite	Pinkish grey fine to med grained tonalite. 3% fg bt.
742570	424388.7	5494974	05/06/2022	SP	Foliated Tonalite Suite	Pinkish dark grey fine to medium grained tonalite. 3% bt.
742571	424364.1	5495024	05/06/2022	SP	Foliated Tonalite Suite	Pinkish grey fine to med grained tonalite. 3% fg bt.
742572	424353.5	5495067	05/06/2022	SP	Foliated Tonalite Suite	Pinkish dk grey weakly foliated fine to med grained tonalite. 3% fg bt.
742573	424572.6	5495055	05/06/2022	SP	Foliated Tonalite Suite	Pinkish Dk grey fine to medium grained weak to moderately foliated tonalite. 5% fg bt.
742574	424541.9	5495110	05/06/2022	SP	Foliated Tonalite Suite	Pinkish dark grey medium grained weakly foliated tonalite. 3% fg bt.
742575	424524.9	5495159	05/06/2022	SP	Foliated Tonalite Suite	Pinkish dark grey fine to medium grained weakly foliated tonalite. 3% fg bt.
742576	424501.8	5495199	05/06/2022	SP	Foliated Tonalite Suite	Pinkish grey medium grained moderately foliated tonalite. 5% fg bt.

742577	424473.1	5495240	05/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to medium grained moderatly foliated tonalite. 5% fg bt.
742578	424459.1	5495297	05/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to mecium grained weak to moderatly foliated tonalite. 5% fg bt.
742579	424436.7	5495335	05/06/2022	SP	Foliated Tonalite Suite	Grey medium grained moderatly foliated tonalite. 10% foliated bt.
742580	424414.3	5495374	05/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metaseds. 3% fg bt.
742581	424389.9	5495420	05/06/2022	SP	Foliated Tonalite Suite	Dark grey to grey fine to medium grained moderatly foliated tonalite. 3% fg bt.
742582	424273.5	5495207	05/06/2022	SP	Foliated Tonalite Suite	Pink dk grey med grained weakly foliated tonalite. 5% fg bt.
742583	424254.2	5495249	05/06/2022	SP	Foliated Tonalite Suite	Pinkish dk grey fine to med grained weakly foliated tonalite. 3% fg bt.
742584	424232.2	5495294	05/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderatly foliated metased. 5% foliated fg bt.
742585	424369.4	5495473	05/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 5% fg bt.
742586	424559.2	5495553	05/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderatly foliated metased. 5% foliated bt.
742587	424578.3	5495503	05/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderatly foliated metased. 10% fg bt.
742588	424596.9	5495459	05/06/2022	SP	Foliated Tonalite Suite	Grey fg to mg moderatly foliated tonalite. 5% foliated fg bt.
742589	424039.4	5495691	06/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 5% fg bt.
742590	424062.6	5495649	06/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 3% fg bt.
742591	424088.4	5495606	06/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 5% fg bt.
742592	424107.5	5495559	06/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderatly foliated metased. 5% foliated bt.
742593	424052.7	5495200	06/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to med grained weakly foliated tonalite. Few pinkish spots. 3% fg bt.
742594	424034.4	5495252	06/06/2022	SP	Foliated Tonalite Suite	Pinkish dk grey to grey medium grained moderatly foliated granite. 5% fine to medium graine and foliated bt.
742595	423990.6	5495334	06/06/2022	SP	Metasedimentary Rocks	Dk grey moderately foliated fg metased. 3% fg bt.
742596	423966	5495382	06/06/2022	SP	Metasedimentary Rocks	Dk grey foliated fg metased. 5% fg bt.
742597	423882.6	5495563	06/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 3% fg bt.
742598	423989.4	5494893	07/06/2022	SP	Metasedimentary Rocks	Grey fg weakly foliated metased. 5% fg bt?
742599	424004.1	5494846	07/06/2022	SP	Foliated Tonalite Suite	Dk grey with few pink spots fine to med grained weakly foliated tonalite. 5% fg bt.
742600	424028.6	5494797	07/06/2022	SP	Foliated Tonalite Suite	Greenish pink weakly foliated med grained grano. 5 % patchy bt. Trace fg grnt?
745001	423386.5	5495191	02/06/2022	EH	Metasedimentary Rocks	fine grained, borderline phaneritic. Dar colored, composed mainly of biotite? Close to minir vein
745002	423426.2	5495118	02/06/2022	AC	Metasedimentary Rocks	Fine grained, black, moderately foliated metased, dominantly fine grained bi, fine sub mm layers/lenses of qtz likely represent qtz rich layers in protolith.
745003	423445.2	5495072	02/06/2022	EH	Metasedimentary Rocks	Medium grained, moderately foliated equigranular granitic Composition. Composed dominantly of white feldspar with minor pink kspar. Moderate abundance of biotite. Trace abundances of muscovite and quartz.
745004	423472.7	5495025	02/06/2022	EH	Foliated Tonalite Suite	Lt grey pinkish fine grained tonalite. 5% bio. Mild foliation.
745005	423495.5	5494981	02/06/2022	EH	Foliated Tonalite Suite	Pinkish gray phaneritic intermediate to felsic intrusive. Mostly composed of feldspar with approx 15% biotite. Minor foliation.

745006	423514	5494940	02/06/2022	EH	Foliated Tonalite Suite	Pinkish dark grey Phaneritic intermediate to felsic intrusive mostly composed of feldspar with minor quartz and 15%biotite. Minor fine grained yellow gren mineral presnt. Foliated.
745007	425658.9	5496495	03/06/2022	AC	Metasedimentary Rocks	Medium grained, equigranular, weakly foliated, dominantly fsp, with mod qtz content, mod bi 10-20%, trace musc, tonalite. Circular blebs of peg within host rock
745008	425679.1	5496434	03/06/2022	AC	Metasedimentary Rocks	Fine to medium grained phaneritic, equigranular, non-foliated tonalite/granite. Large abundance of alkali feldspar, and moderate abundance of quartz. Two mica type, with larger abundance of biotite compared to muscovite.
745009	425709.1	5496395	03/06/2022	AC	Metasedimentary Rocks	Medium grained phaneritic, equigranular, non-foliated tonalite or granodiorite. Large abundance of alkali feldspar, and moderate abundance of quartz. Biotite approximately 15%.
745010	425724.8	5496357	03/06/2022	AC	Metasedimentary Rocks	Medium grained phaneritic, equigranular, non-foliated tonalite or granodiorite. Mod abundance of alkali feldspar, and moderate abundance of quartz. Biotite approximately 20%.
745011	425719.3	5496302	03/06/2022	AC	Metasedimentary Rocks	Fine to medium grained, moderately foliated, fissile rock, mostly dark black biotite with lenses of qtz parallel to foliation. Potentially a metased that has undergone a degree of recrystallisation.
745012	425600	5496121	03/06/2022	AC	Metasedimentary Rocks	Fine to medium grained, moderately foliated, fissile rock, mostly dark black biotite with trace lenses of qtz parallel to foliation. Potentially a metased that has undergone a degree of recrystallisation
745013	425578.9	5496161	03/06/2022	AC	Metasedimentary Rocks	Light gray Medium grained equigranular phaneritic granodiorite/tonalite. Weakly foliated. Approximately 5% biotite. Composed mostly of quartz and feldspar.
745014	425568.7	5496204	03/06/2022	AC	Metasedimentary Rocks	Dark black akly foliated fine to medium grained metaseds composed mainly of biotite. Garnet-rich.
745015	425540.7	5496263	03/06/2022	D	Metasedimentary Rocks	Dark grey foliated fine to medium grained metaseds composed mainly of biotite. Does not contain garnet. Some lighter bands
745016	425514.8	5496299	02/06/2022	EH	Metasedimentary Rocks	Finely crystalline phaneritic, equigranular, mildly foliated tonalite (granitic in composition). Large abundance of white feldspar, with moderate abundance of biotite. Minor quartz.
745017	425468.4	5496399	03/06/2022	AC	Metasedimentary Rocks	Dark grey fine equigranular phaneritic weakly foliated granodiorite. Minor quartz with more abundant 20% biotite
745018	425298.6	5496316	03/06/2022	AC	Metasedimentary Rocks	Medium grained, dark grey, dominantly white fsp, mod qtz, mod bi(20%), weak ksp, potential granodiorite or tonalite
745019	425467.3	5495502	04/06/2022	AC	Foliated Tonalite Suite	Equigranular, phaneritic, medium grained granite, minor to mod qtz dominantly white fsp(30%) and pink ksp(70%). Mod patchy bi.

745020	425415.4	5495595	04/06/2022	AC	Foliated Tonalite Suite	Fine to medium grained, foliated, 70% bi, 30% qtz, less fissile than med sed yesterday, some cm scale qtz veins
745021	425395.1	5495639	04/06/2022	AC	Foliated Tonalite Suite	Fine to medium grained, foliated, 70% bi, 30% qtz, less fissile than med sed yesterday, some cm scale qtz veins
745022	425381.4	5495680	04/06/2022	AC	Foliated Tonalite Suite	Dark slightly fissile foliated metased composed mainly of biotite with approximately 20% quartz.
745023	425112.8	5495764	04/06/2022	AC	Metasedimentary Rocks	Fine to medium grained, foliated, dark black to light gray colour, dominantly bi, 30% qtz, compositional banding between high bi and high bqtz layers, cm scale lenses of qtz parallel to foliation.
745024	425136.2	5495727	04/06/2022	AC	Foliated Tonalite Suite	Dark grry foliated metased. Fine to medium grained. Appears crystalline. 70% biotite 30% quartz
745025	425177.1	5495635	04/06/2022	AC	Foliated Tonalite Suite	Fine to medium grained, dark black to grey, foliated, dominantly bi and qtz(15-20%)
745026	425200.2	5495594	04/06/2022	AC	Metasedimentary Rocks	Fine to medium grained, dark black to grey, foliated, dominantly bi and qtz(15-20%). Mm to cm scale qtz veins parallel to foliation
745027	425242.5	5495499	04/06/2022	AC	Foliated Tonalite Suite	Medium grained granodiorite/tonalite, dominantly white fsp, 10-15% ksp, mod bi, trace musc, trace to minor sub mm/mm rounded green prismatic crystals.
745028	425273.5	5495449	04/06/2022	AC	Foliated Tonalite Suite	Medium grained, equigranular granodiorite/tonalite, mod bi, dominantly fsp, ksp 5%
745029	425289	5495400	04/06/2022	AC	Foliated Tonalite Suite	Medium grained mildly foliated granodiorite/tonalite, dominantly white fsp, 10-15% ksp, mod bi, trace musc, trace to minor sub mm/mm rounded green prismatic crystals.
745030	425111.8	5495319	04/06/2022	AC	Foliated Tonalite Suite	Medium grained, weakly foliated, equigranular, dominantly fsp, mod qtz, mod bi, ksp. 20-30%, slightly higher than previous samples, crosscut by potassic aplite veins
745031	425064	5495415	03/06/2022	AC	Foliated Tonalite Suite	Medium grained, unfoliated granite, dominantly fsp, high ksp 40%, weak bi, mod qtz
745032	425040.9	5495460	04/06/2022	AC	Foliated Tonalite Suite	Medium grained, weakly foliated, equigranular, dominantly fsp, mod qtz, ksp 10-15%, mod biotite
745033	425016.5	5495503	05/06/2022	EH	Foliated Tonalite Suite	Foliated, equigranular, finely crystalline phaneritic granite. Dominantly feldspar, with moderate biotite. Minor quartz. Minor k-spar
745034	424975.8	5495595	05/06/2022	EH	Foliated Tonalite Suite	Dark grey to black, highly foliated, non-fissile metaseds. Thin lenses of white quartz. Moderate biotite
745035	424959.4	5495638	05/06/2022	EH	Foliated Tonalite Suite	Fine grained, dark grey, fissile metaseds. Oxidised red colouration. Cm scale Lenses of quartz
745036	424909.8	5495730	05/06/2022	EH	Metasedimentary Rocks	Highly foliated, dark grey to black in colour. Fine grained. Dominated by mud with moderate abundance of biotite. Cm scale qtz lenses. Trace pyrite observed in qtz lenses

745037	424889.8	5495774	05/06/2022	EH	Metasedimentary Rocks	Moderately foliated, black, metasediments. Large abundancen of biotite (30-35%). No qtz lenses noted as previous.
745038	424704.7	5495684	05/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, moderately foliated, dark grey metaseds. Mild, dark green hue. ~15% biotite.
745039	424752.3	5495603	05/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, moderately foliated, dark grey metaseds. ~20% biotite. Teace quartz lenses parallel to foliation. Thin, cross course veining with green alteration noted in outcrop. Trace fine pyrite observed.
745040	424775.6	5495550	05/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, moderately foliated metased. Moderately abundant biotite (25-30%). Biotite is coarser than groundmass.
745041	424797.9	5495509	05/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, moderately foliated, highly fissile metased. Abundant biotite (40%). Moderate abundance of qtz in groundmass and in lenses parallel to foliation
745042	424815.5	5495462	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, very mildly foliated, equigranular granitoid. Appears banded with darker more granodiorite composition bands, and bands of more k-spar rich sections. Feldspar dominated with minor abundances of biotite and qtz.
745043	424844.1	5495422	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, very mildly foliated, equigranular granitoid (granodiorite)moderate abundance of feldspar and quartz, with minor musc and biotite
745044	424900.7	5495282	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, strongly foliated, equigranular granite. Appears banded from foliation. Large abundance of feldspar, moderately abundant biotite. Minor qtz and msc.
745045	424921.7	5495236	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, strongly foliated, equigranular granite. Appears banded from foliation. Large abundance of feldspar, moderately abundant biotite. Minor qtz and msc.
745046	424725.5	5495195	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular graodiorite. Large abundance of feldspar dominates composition,with moderately abundant biotite (~35%). Minor qtz. Trace musc. Biotite appears in clusters
745047	424682.1	5495282	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular granite. Banded with lighter fsp rich bands, and darker bands rich in bio. Large abundance of feldspar dominates composition,with moderately abundant biotite (~35%). Minor qtz. Trace musc.
745048	424662.8	5495327	05/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular granite. Large abundance of feldspar dominates composition, with minorly abundant biotite (~15%). Minor qtz. Trace musc.Odd dark grak green mineral present
745049	424617.7	5495417	05/06/2022	EH	Foliated Tonalite Suite	Dark grey, medium grained, metaseds. Quite flakey appearance. Large abundance of mica. oxidised redlayer between beds of metaseds. No foliation observed.
745050	424618	5495864	06/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, black, Foliated, fissile metased. Rich in biotite mica. Trace quartz lenses parallel to foliation

745101	424352.5	5495962	06/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, fissile, foliated, dark grey to black metaseds. High mica content. No other discernable minerals
745102	424259.9	5495692	06/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, foliated, fissile, dark grey to black metaseds. High abundance of biotite. Trace coarser quartz clasts.
745103	424280.2	5495647	06/06/2022	EH	Metasedimentary Rocks	Medium grained, foliated, equigranular granodiorite. Banded. Dominated in composition by white feldspar with minor orange creamy feldspar. Moderate abundance of biotite which appears slightly oxidised. minor quartz
745104	424304.5	5495607	06/06/2022	EH	Metasedimentary Rocks	Fine grained, foliated, medium to dark grey metased. Highly banded in outcrop with veins of granitic composition intruding between beds.
745105	423883.9	5495077	06/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular granodiorite. Compositionally dominated by white feldspar with minor pink/orange k-spar. Moderate abundance of biotite. Minor qtz.
745106	423874	5495113	06/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular granodiorite. Compositionally dominated by white feldspar with minor pink/orange k-spar. Moderate abundance of biotite. Minor qtz. Trace, odd green mineral
745107	423850.9	5495161	06/06/2022	EH	Foliated Tonalite Suite	Medium grained, moderately foliated, equigranular granite. Compositionally dominated by pink k-spar with minor white feldspar. Moderate abundance of biotite. Minor qtz.
745108	423829.6	5495205	06/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, foliated, medium to dark grey metased. Fissile. Lenses of white quartz throughout
745109	423805	5495252	06/06/2022	EH	Felsic to Intermediate MetaVolcanic Rocks	Medium grained, equigranular, highly foliated granite. Compositionally dominated by pink fsp and biotite with minor qtz.
745110	423838.3	5495648	07/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey (with blue hue), foliated metaseds. Lenses of quartz parallel to foliation. Trace diagenetic pyrite
745111	423700.4	5495472	07/06/2022	EH	Metasedimentary Rocks	Pinkish light grey coarse grained phaneritic granite. Composed of quartz and mostly k feldspar with minor plagioclase. Also contains approximately 10% biotite. Non foliated.
745112	423549.3	5495787	07/06/2022	D	Metasedimentary Rocks	Non foliated dark grey fine grained metasediment. Composed of approximately 70% biotite and 30% quartz. Appears crystalline.
745113	423525.7	5495834	07/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, non-foliated metased.
745114	423503.3	5495877	07/06/2022	D	Metasedimentary Rocks	Non foliated fine grained dark grey metasediment composed of 70% biotite and 30% quartz. Appears crystalline
745115	423255.9	5495921	07/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium grey, foliated metaseds. Large abundance of mica, minor quartz. Slightly fissile
745116	423301.6	5495837	07/06/2022	D	Metasedimentary Rocks	Light grey coarse phaneritic granite. Composed of quartz and mainly k feldspar and lesser plagioclase. Also contains approximately 20% biotite. Non foliated.

745117	423325	5495790	07/06/2022	EH	Metasedimentary Rocks	Medium grained, foliated, equigranular granite. Composed dominantly of pink kspar (55%), moderate biotite (30%, and minor qtz.
745118	423348	5495745	07/06/2022	D	Metasedimentary Rocks	Non foliated dark grey fine grained metasediment. Composed mainly of biotite with minor quartz
745119	423371.5	5495705	07/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, foliated metased. Large abundance of biotite with minor quartz thin veinlets with dark green alteration observed
745120	423802.7	5494358	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, foliated granite. Large abundance of pink k-spar with minor white fsp. Moderate abundance of biotite. Minor quartz
745121	423777.2	5494402	08/06/2022	D	Foliated Tonalite Suite	Pinkish grey medium grained, phaneritic, equigranular, weakly foliated granite. Large abundance of pink k-spar with minor white plagioclase and quartz. Approximately 20% biotite
745122	423751.6	5494446	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, moderately foliated granite. Appears banded from foliation. Large abundance of pink k-spar with minor white fsp. Moderate abundance of biotite. Minor quartz
745123	423735.5	5494486	08/06/2022	D	Foliated Tonalite Suite	Medium grained, equigranular, weakly foliated granite. Large abundance of pink k-spar with minor white fsp. Approximately 30% biotite. Minor quartz
745124	423710	5494539	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, weakly foliated granite. Large abundance of creamy k-spar with minor white fsp. Approximately 20% biotite. Minor quartz
745125	423688.9	5494583	08/06/2022	Other	Foliated Tonalite Suite	Weathered grey, fresh white pink Medium grained, equigranular, granite. Minor abundance of pink k-spar with minor white fsp. Approximately 20% biotite. Minor quartz
745126	423666.2	5494627	08/06/2022	Other	Foliated Tonalite Suite	Weathered grey, fresh white Fine grained, equigranular, granite/Tonalite. minor white fsp. Approximately 10% biotite. Abundant quartz, weakly foliated
745127	423648	5494669	08/06/2022	D	Foliated Tonalite Suite	Light grey, Medium grained, phaneritic equigranular, granodiorite/tonalite. Minor abundance of pink k-spar with mostly white fsp and quartz. Approximately 10% biotite. Weakly foliated
745128	423622.3	5494707	08/06/2022	EH	Foliated Tonalite Suite	Light grey, Medium grained, phaneritic equigranular, granodiorite/tonalite. Minor abundance of pink k-spar with mostly white fsp and quartz. Approximately 10% biotite. Weakly foliated. Incontact with granite
745129	423602.6	5494760	08/06/2022	EH	Foliated Tonalite Suite	Weathered grey red, fresh pink white, coarse to fine grained, granite abundant pink kspar, 15 % biotite minor white kspar
745130	423580.8	5494804	08/06/2022	D	Foliated Tonalite Suite	Weathered grey red, fresh pink white, coarse to medium grained phaneritic, granite. abundant pink kspar, 10% biotite minor white kspar and quartz
745131	423557.8	5494848	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, minorly foliated, pink granite. Abundant pink k-spar, moderate biotite, minor qtz.

745132	423540.1	5494892	08/06/2022	Other	Foliated Tonalite Suite	Medium grained, equigranular, minorly foliated, pink granite. Abundant pink k-spar, moderate biotite, moderate qtz. Potential anhedral garnet
745133	423486.3	5494536	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, moderately foliated, pink granite. Abundant pink k-spar, moderate biotite, minor qtz. Minor white fsp
745134	423465.5	5494580	08/06/2022	Other	Foliated Tonalite Suite	Medium grained, equigranular, minorly foliated, pink granite. Abundant pink k-spar, moderate biotite, moderate qtz.
745135	423449.3	5494624	08/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, moderately foliated, light grey granodiorite/tonalite. Mostly composed of plag and quartz. 10% biotite. Minor aplite veins within with more abundant kspar
745136	423419.2	5494670	08/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, mildly foliated granodiorite. Dominated in composition by white feldspar with moderate abundance of biotite. Minor quartz. Trace pink k-spar
745137	423400.3	5494714	08/06/2022	Other	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, moderately foliated, light grey granodiorite. Mostly composed of plag and quartz with possible anhedral garnet throughout. 20% biotite. abundant kspar and quartz potential chloritization of bio.
745138	423379.6	5494763	08/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, mildly foliated, pink granite. Compositionally dominated by pink k-spar, with moderately abundant biotite. Minor abundance of quartz. Potential trace chloritization of biotite. Minor white fsp
745139	423359.6	5494805	08/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, weakly foliated, pinkish grey granodiorite. Mostly composed of kspar and quartz with lesser plagioclase. 10% biotite
745140	423331.1	5494855	08/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, mildly foliated, light grey granodiorite. Composed dominantly of white fsp with moderate biotite and quartz. A thin vein of k-spar rich granite cuts rock
745141	423313.5	5494898	08/06/2022	Other	Foliated Tonalite Suite	Medium grained phaneritic, equigranular, minor foliated, light grey granodiorite. Mostly composed of plag and quartz. 20% biotite. abundant kspar and quartz potential chloritization of bio.
745142	423272	5494989	08/06/2022	EH	Felsic to Intermediate MetaVolcanic Rocks	Fine grained (phaneritic), equigranular, light brown/grey colour. Meta-volcanic? Felsic in composition. Moderate abundance of biotite. Moderately foliated
745143	423251.5	5495030	08/06/2022	Other	Felsic to Intermediate MetaVolcanic Rocks	Weathered blue grey, fresh dark grey-black meta sedstone with heavy biotite with scattered minor quartz, weakly foliated
745144	423226.5	5495078	08/06/2022	EH	Metasedimentary Rocks	Fine grained (phaneritic), equigranular, light brown/grey colour. Meta-volcanic? Felsic in composition. Moderate abundance of biotite. Moderately foliated. Slight pramfe oxidised colour
745145	422941.3	5495662	09/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, mildly foliated metased. Large abundance of mica. Minor fsp and qtz

745146	422966.4	5495616	09/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, mildly foliated metased. Abundant mica, with minor qtz.
745147	422985.6	5495576	09/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, weakly foliated metased. Abundant mica, with minor qtz.
745148	423029.4	5495484	09/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, noj-foliated metased. Abundant mica, with minor qtz. Trace fsp which is coarser than groundmass
745149	423049.8	5495437	09/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, mildly foliated metased. Abundant mica (60%), with minor qtz (20%).
745150	422806.9	5495485	09/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, mildly foliated metased. Abundant biotite, minor qtz
745151	424023.5	5494747	07/06/2022	SP	Foliated Tonalite Suite	Greenish pink weakly foliated medium grained grano. 3% fg bt.
745152	424074.7	5494712	07/06/2022	SP	Foliated Tonalite Suite	Pinkish grey med grained moderatly foliated tonalite. 5% patchy bt.
745153	423918.3	5494576	07/06/2022	SP	Foliated Tonalite Suite	Pinkish grey fine to medium grained moderatly foliated tonalite.
745154	423928.3	5494532	07/06/2022	SP	Foliated Tonalite Suite	Pinkish grey fine to med grained weakly foliated tonalite. 5% fg bt.
745155	423892.4	5494625	07/06/2022	SP	Foliated Tonalite Suite	Pinkish grey med grained modrratly foliated tonalite. 5% fg bt.
745156	423870.3	5494661	07/06/2022	SP	Foliated Tonalite Suite	Dk grey with pinkish spots moderatly foliated medium grained tonalite. 3% fg bt.
745157	423847.1	5494714	07/06/2022	SP	Foliated Tonalite Suite	Lt grey with pinkish patches moderatly foliated medium grained tonalite. 3% fg bt?
745158	423828.4	5494757	07/06/2022	SP	Foliated Tonalite Suite	Pinkish Dk grey moderatly foliated fine to medium grained tonalite. 3% fg bt.
745159	423800.3	5494804	07/06/2022	SP	Foliated Tonalite Suite	Dk grey with pinkidh patches fine to med grained moderstly foliated tonalite. 5% fg foliated bt.
745160	423779.7	5494848	07/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to medium grained weakly foliated tonalite. 3% fg bt.
745161	423758.5	5494892	07/06/2022	SP	Foliated Tonalite Suite	Dk grey with pinkish spots fine to med grained weakly foliated. 2% fg bt.
745162	423741.7	5494941	07/06/2022	SP	Foliated Tonalite Suite	Pinkisk dk grey moderatly foliated medium grained tonalite. 5% fg bt.
745163	423719.9	5494988	07/06/2022	SP	Foliated Tonalite Suite	Dk grey to grey and pinkish gine to med grsined weak to moderstly foliated tonalite. 3% fg bt.
745164	423679.8	5495080	07/06/2022	SP	Foliated Tonalite Suite	Ck grey with pinkish spots fine to medium grained moderatly foliated. 3% fg bt.
745165	423534.5	5495345	08/06/2022	SP	Foliated Tonalite Suite	Pinkish grey fine to med grained moderatly foliated tonalite. 3% fg foliated bt?
745166	423561.5	5495298	08/06/2022	SP	Metasedimentary Rocks	Dk grey moderatly foliated fine grained metased. 5% fg foliated bt.
745167	423627	5495162	08/06/2022	SP	Felsic to Intermediate MetaVolcanic Rocks	Dk grey non foliated fine to med grained tonalite with fewer pinkish patches. 5% fg bt.
745168	423660.2	5495122	08/06/2022	SP	Foliated Tonalite Suite	Patchy pink green weakly foliated medium grained tonalite. 3% fg bt?
745169	423253.1	5495487	08/06/2022	SP	Metasedimentary Rocks	Dk grey moderatly foliated metased. Predominantly bt.
745170	423168.6	5495673	08/06/2022	SP	Metasedimentary Rocks	Dk Grey weakly foliated fg metased. 2% vfg bt?
745171	423117.5	5495750	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased. 5% fg bt.
745172	423098.2	5495796	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased. Mostly bt?
745173	423076.3	5495842	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. 5% fg bt?

745174	423051.7	5495892	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased.
745175	423031.3	5495935	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased.
745176	423020.3	5495979	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased.
745177	422980.3	5496029	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased.
745178	422789.7	5496011	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased. 5% fg bt.
745179	422790.3	5495978	08/06/2022	SP	Metasedimentary Rocks	Dk grey moderately foliated fine grained metased.
745180	422813.8	5495934	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated metased.
745181	422835.4	5495883	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fine grained metased. 5% fg bt?
745182	422848.6	5495848	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased.
745183	422877.9	5495802	08/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. 5% fg bt?
745184	422900.8	5495750	08/06/2022	SP	Metasedimentary Rocks	Grey fg weakly foliated metased.
745185	422919.1	5495697	08/06/2022	SP	Metasedimentary Rocks	Dk grey vfg weakly foliated metased.
745186	423324.4	5494413	09/06/2022	SP	Foliated Tonalite Suite	Grey to dk grey pinkish medium grained equigranular non foliated granite. Fsp, ksp, lesser atz, 3% fg bt.
745187	423299.8	5494449	09/06/2022	SP	Foliated Tonalite Suite	Grey to mottled pink to pink fine to medium grained non foliated granite. Ksp dominant? (less pink away from more weathered surfaces). 5% patchy to fg bt.
745188	423289.3	5494504	09/06/2022	SP	Foliated Tonalite Suite	Dk grey with grey and pinkish patches fine to medium grained non foliated almost equigranular granodiorite. 3% fg bt.
745189	423266.1	5494542	09/06/2022	D	Foliated Tonalite Suite	Light grey phaneritic medium grained granite composed of mostly ksp and qtz with lesser plagioclase. Minor foliation. 10% biotite
745190	423242.9	5494587	09/06/2022	D	Foliated Tonalite Suite	Dk grey to grey fine to med grained equigranular weakly foliated. Fewer pinkish flecks. 5% fg and weakly foliated bt?
745191	423219.2	5494632	09/06/2022	D	Foliated Tonalite Suite	Pinkish grey phaneritic medium grained equigranular granite. Composed of mainly ksp with lesser plag and qtz. 15% biotite. Non foliated
745192	423194.4	5494680	09/06/2022	D	Foliated Tonalite Suite	Dk grey medium grained equigranular non foliated granodiorite. Few pinkish 2-3 cm pinkish alt bands. 5% fg bt.
745193	423179.7	5494723	09/06/2022	D	Foliated Tonalite Suite	Pinkish grey phaneritic medium to coarse grained granite. Composed mostly of k-feldspar with lesser plagioclase and quartz. Moderately foliated. 10% bio
745194	423166.7	5494773	09/06/2022	D	Foliated Tonalite Suite	Grey fine grained non foliated equigranular granodiorite. 10% fg bt.
745195	422999.1	5495084	09/06/2022	D	Felsic to Intermediate MetaVolcanic Rocks	Dark grey fine grained well foliated metased with compositional banding. Slightly fissile. Composed mostly of biotite with lesser quartz. Appears crystalline
745196	422969.3	5495173	09/06/2022	D	Metasedimentary Rocks	Dark grey very well foliated mica rich metasedimentary phyllite. Fine grained. Lesser quartz. Minor veining.
745197	422714.4	5495220	09/06/2022	D	Foliated Tonalite Suite	Weakly foliated dark grey fine grained metasediment composed of mainly biotite with lesser quartz. Fissile

745198	422736.6	5495170	09/06/2022	SP	Metasedimentary Rocks	Dk grey to grey moderately foliated fine grained metased. Mica rich.
745199	422801.1	5495039	09/06/2022	D	Metasedimentary Rocks	Weakly foliated with minor compositional bands. Metased. Fine grained. Composed mainly of bio with moderate qtz. Appears crystalline
745200	423601.1	5494312	10/06/2022	SP	Foliated Tonalite Suite	Lt grey with lesser pink patches fine grey unfoliated equigranular granite. 5% fg bt.
745201	422191.7	5493523	13/06/2022	SP	Foliated Tonalite Suite	Lt grey grey pinkish brown stained med grained mod foliated equigran granite. 5% fg foliated bt.
745202	422025.3	5493440	13/06/2022	SP	Foliated Tonalite Suite	Dk grey, grey pinkish brown med grained non foliated equigran grano. 5% fg bt.
745203	422058.1	5493355	13/06/2022	SP	Foliated Tonalite Suite	Dk grey, pinkish brown staining med grained equigran non foliated grano. 5% fg bt.
745204	422088.3	5493296	13/06/2022	SP	Foliated Tonalite Suite	Dk grey, grd greenish pinkish fine to med grained equigran non foliated grano. 3% fg bt.
745205	421997.8	5493024	13/06/2022	SP	Foliated Tonalite Suite	Lt grey mottled pinkish med grained non foliated equigran granite. 5% fg bt.
745206	421951.2	5493126	13/06/2022	SP	Foliated Tonalite Suite	Grey med grained weakly foliated equigran grano. 5% fg foliated bt.
745207	421886.4	5493258	13/06/2022	SP	Foliated Tonalite Suite	Dk grey med grained mod foliated equigran grano. 8% fg foliated bt.
745208	421839.9	5493348	13/06/2022	SP	Foliated Tonalite Suite	Lt grey pinkish fg equigran non foliated granite. 3% fg bt.
745209	421638.9	5492865	14/06/2022	DK	Foliated Tonalite Suite	Dark grey medium grained phaneritic equigranular granodiorite. Composed of mainly plag with lesser ksp and minor qtz. 15% bio. Weakly foliated
745210	421654.4	5492807	14/06/2022	SP	Foliated Tonalite Suite	Lt grey to grey pinkish med grained equigran moderately foliated grano. 5% fg bt.
745211	421682.3	5492769	14/06/2022	DK	Foliated Tonalite Suite	Medium to coarse grained phaneritic pinkish grey granodiorite. Mostly plag with lesser ksp and qtz. 5% bio
745212	421699.6	5492729	14/06/2022	SP	Foliated Tonalite Suite	Weakly foliated medium to coarse grained phaneritic gran. Equally composed of plag and ksp with lesser qtz. 5% bio
745213	421364.2	5492509	14/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to med grained mod foliated equigran grano. 5% fg foliated bt?
745214	421053.2	5494984	15/06/2022	SP	Metasedimentary Rocks	Dk grey brown stained fg mod foliated metased. 10% fg mica.
745215	421076.6	5494926	15/06/2022	DK	Metasedimentary Rocks	Black fine grained nonfoliated metasediment. Composed of dominantly qtz.
745216	421100	5494876	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Fg mica rich.
745217	421150.5	5494784	15/06/2022	SP	Metasedimentary Rocks	Dk grey brown stained fg mod foliated metased. Fg mica rich.
745218	421164.1	5494744	15/06/2022	DK	Metasedimentary Rocks	Moderately foliated fine grained dark grey metasediments. Composed of qtz and bio. May contain minor granodiorite
745219	421198.3	5494653	15/06/2022	DK	Metasedimentary Rocks	Moderately foliated dark grey fine grained metased composed of qtz and bio. Appears crystalline
745220	421248.5	5494572	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg brown stained mod foliated metased. Fg mica rich.
745221	421342.1	5494839	15/06/2022	SP	Foliated Tonalite Suite	Grey med grained moderately foliated equigran grano. 5% fg musc.
745222	421299.4	5494917	15/06/2022	SP	Metasedimentary Rocks	Dk grey brown fg mod foliated metased. Mica rich.
745223	421283.5	5494967	15/06/2022	DK	Metasedimentary Rocks	Fine grained dark grey moderately foliated metased. Composed of qtz and bio. Fissile
745224	421214.5	5495058	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Fg mica rich.

745225	421214.1	5495101	15/06/2022	DK	Metasedimentary Rocks	Weakly foliated dark grey fine grained metased. Composed of bio and qtz. Minor veining in outcrop
745226	421372.1	5495233	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Fg mica rich.
745227	421394.2	5495186	15/06/2022	DK	Metasedimentary Rocks	Weakly foliated dark grey fine grained metased. Composed of bio and qtz
745228	421439.8	5495104	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderatly foliated metased. Fg mica rich,
745229	421459.3	5495056	15/06/2022	DK	Metasedimentary Rocks	Well foliated fine grained dark grey metasediment. Composed of biotite and qtz. Fissile
745230	421681.3	5495054	15/06/2022	SP	Metasedimentary Rocks	Grey fg mod foliated metased. 10% fg mica.
745231	421637.9	5495137	15/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to med grained moderatly foliated grano. 5% fg bt.
745232	421595.6	5495230	15/06/2022	SP	Metasedimentary Rocks	Lt grey mod foliated fg metased. Brown stining. Mica poor.
745233	421572.8	5495276	15/06/2022	DK	Metasedimentary Rocks	Generally massive fine grained medium grey metased. Composed of mainly qtz with lesser bio.
745234	421553.4	5495315	15/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica poor.
745235	421531.6	5495367	15/06/2022	DK	Metasedimentary Rocks	Weakly foliated but generally massive dark grey fine grained metasediment. Mainly composed of qtz with slightly lesser bio
745236	421468.9	5494118	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated with some lt brown and brown staining metased. Mica poor?
745237	421445.6	5494163	16/06/2022	DK	Metasedimentary Rocks	Fine grained well foliated dark grey metasediment. Minor compositional banding. Composed of mainly biotite with lesser quartz. White bands are qtz rich. Fissile.
745238	421421	5494208	16/06/2022	SP	Metasedimentary Rocks	Grey to dk grey fg mod foliated metased. Mica rich, lt brown staining.
745239	421406.7	5494249	16/06/2022	DK	Foliated Tonalite Suite	Fine grained phaneritic equigranular medium grey granodiorite. Composed dominantly of plag and qtz with lesser kspar. 5% bio. Nonfoliated
745240	421381.6	5494299	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica poor?
745241	421359.7	5494338	16/06/2022	DK	Foliated Tonalite Suite	Medium grained phaneritic equigranular weakly foliated medium grey granodiorite. Composed of dominantly qtz and plag with lesser kspar. 5% bio
745242	421246.4	5494123	16/06/2022	DK	Metasedimentary Rocks	Dark grey moderately foliated metased. Dominantly composed of biotite and quartz. Minor compositional bands, lighter bands more qtz rich.
745243	421276.7	5494065	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745244	421287.8	5494028	16/06/2022	DK	Metasedimentary Rocks	Moderately foliated fine grained dark grey metasediment. Composed dominantly of bio with lesser quartz
745245	421203.8	5493762	16/06/2022	SP	Metasedimentary Rocks	Dk grey mod foliated fg metased. Mica poor.
745246	421176.9	5493805	16/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained moderately foliated metased. Composed of bio and qtz. Minor pegmatitic veining in outcrop
745247	421140	5493850	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745248	421138.1	5493898	16/06/2022	DK	Metasedimentary Rocks	Well foliated grey fine grained metased. Composed of dominantly quartz and bio. Fissile

745249	421107.9	5493940	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich
745250	421097.4	5493986	16/06/2022	DK	Foliated Tonalite Suite	Dark grey fine to medium grained granodiorite composed of dominantly qtz and plag. Minor kspar. 10% bio
745251	423621.5	5494270	10/06/2022	D	Foliated Tonalite Suite	Reddish dark grey foliated granite. Medium grained phaneritic. Composed of mainly kspar with lesser wtz and plag. 10% bio. Potentiwl drsk red garnets.
745252	423647	5494226	10/06/2022	SP	Foliated Tonalite Suite	Lt grey with some pinkish patches fine to med grained granite. 5% fg bt.
745253	423481.6	5494092	10/06/2022	D	Foliated Tonalite Suite	Pinkish grey medium grained phaneritic equigranular weakly foliated granite. Composed mostly of kspar with lesser qtz and plag. 5 % biotite.
745254	423463.3	5494134	10/06/2022	SP	Foliated Tonalite Suite	Grey woth pink weathering ed grained equigranular non foliated granodiorite. 10% fg bt.
745255	423300.3	5494004	10/06/2022	SP	Foliated Tonalite Suite	Grey with some pinkish patches on edges of rock, medium grained equigranular non foliated granodiorite. 5% fg bt.
745256	423281.7	5494045	10/06/2022	D	Foliated Tonalite Suite	Pinkish lihht grey medium grained weakly foliated granodiorite. Composed of mostly kspar and plag with slightly lesser qtz. 5% biotite
745257	423267.5	5494101	10/06/2022	SP	Foliated Tonalite Suite	Grey with pink on exposed surfaces medium grained non foliated granodiorite. 5% fg bt.
745258	423018.8	5493695	10/06/2022	SP	Foliated Tonalite Suite	Lt grey pinkish gine to med grained equigranular non foliated granite. 3% fg bt. 3% fg musc?
745259	423159.1	5493831	10/06/2022	D	Foliated Tonalite Suite	Well foliated medium to fine grained pinkish grey granite. 15% biotite. Composed of dominantly kspar with lessercplag and qtz. Interfingered with nearby metaseds but area is dominantly granite.
745260	423144.5	5493867	10/06/2022	SP	Foliated Tonalite Suite	Lt grey with lesser pink near edges fine to med grained equigran non foliated granite. 5% fg bt.
745261	423125.6	5493916	10/06/2022	D	Foliated Tonalite Suite	Pinkish dark grey well foliated phaneritic medium grained granite. Composed of dominantly kspar with much lesser plag and qtz. 20% biotite. Interfingered with nearby metaseds but area is dominantly granite
745262	423102.1	5493971	10/06/2022	SP	Foliated Tonalite Suite	Greenish pink with patchy grey medium grained weakly foliated equigranular granodiorite. 5% fg bt. 1% fg grnt?
745263	423075.1	5494006	10/06/2022	D	Foliated Tonalite Suite	Light grey medium grained phaneritic equigranular granite. Composed of roughly equal kspar/plag/qtz. 5% biotite. Nonfoliated. Metaseds below but area is dominantly granite
745264	423070.9	5494046	10/06/2022	SP	Foliated Tonalite Suite	Pinkish greenish grey medium grained weskly foliatdd equigranular granodiorite. 5% fg bt.
745265	423232	5494139	09/06/2022	D	Foliated Tonalite Suite	Moderately foliated medium grained phaneritic equigranular granodiorite/tonalite. Light grey. Composed of mostly plag and qtz with lesservkspar. 15% bio
745266	423217.9	5494186	09/06/2022	SP	Foliated Tonalite Suite	Lt grey pinkish fine to med grained equigran non goliated granodiorite. 5% fg bt.

745267	422662.8	5494865	11/06/2022	SP	Metasedimentary Rocks	Dk grey moderatly foliated fg metased. Do brown staining in so e spots. Bt rich. Few granitic intrusive fingers in outcrop.
745268	422640.6	5494905	11/06/2022	SP	Foliated Tonalite Suite	Grey to dk grey with pink and brown staining, medium graine equogranular non folited grano. 5% fg bt.
745269	422617.4	5494945	11/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. 5% fg bt?
745270	422536.4	5495129	11/06/2022	SP	Metasedimentary Rocks	Dk grey moderatly foliated fg metased. Fg bt rich.
745271	422485.1	5495219	11/06/2022	SP	Foliated Tonalite Suite	Dk grey to mottled brown fine to medium grained non foliated grano. 10% fine grained bt.
745272	422310.7	5495127	11/06/2022	SP	Metasedimentary Rocks	Dk grey mod foliated fg metased. Mica rich.
745273	422323.8	5495085	11/06/2022	SP	Foliated Tonalite Suite	Dk grey, pinkish orange fine to medium grained moderatly foliated equigranular grano. 15% fg foliated bt.
745274	422469.2	5494827	11/06/2022	SP	Metasedimentary Rocks	Grey moderatly foliated fg metased.brown orange staining. 5% fg foliated bt.
745275	422766.8	5494190	11/06/2022	SP	Foliated Tonalite Suite	Dk grey, pinkish, med grained, equigranular non foliated grano. 10% fg bt.
745276	422793.2	5494145	11/06/2022	SP	Foliated Tonalite Suite	Dk grey to grey pinkish fine to med grained equigran non foliated grano. 5% fg bt.
745277	422812	5494092	11/06/2022	SP	Foliated Tonalite Suite	Lt grey pinkish med grained non foliated equigran granite. 5% fg bt.
745278	422835.9	5494051	11/06/2022	SP	Foliated Tonalite Suite	Dk grey to grey med grained equigran non foliated grano. 10% fg bt.
745279	422879.6	5493964	11/06/2022	SP	Foliated Tonalite Suite	Grey to dk grey with lesser pinkish brown staining fine to med graindd equigran grano. 5% fg bt.
745280	422745.5	5493789	11/06/2022	SP	Foliated Tonalite Suite	Dk grey to grey mottled brown/pink equigran med grained non foliated grano. 10% fg bt.
745281	422722.1	5493834	11/06/2022	SP	Foliated Tonalite Suite	Grey to Lt grey brownish/pink stained fine to med grained equigran granite. 5% fg bt.
745282	422522.1	5493783	12/06/2022	SP	Foliated Tonalite Suite	Dk grey, grey med grained non foliated equigran grano. 5% fg bt.
745283	422538.9	5493741	12/06/2022	SP	Foliated Tonalite Suite	Dk grey med grained equigran non foliated grano. 10% fg bt?
745284	422575.7	5493654	12/06/2022	SP	Foliated Tonalite Suite	Pinkish grey weakly foliated med graind equigran granite. 5% fg foliated bt.
745285	422699	5493877	12/06/2022	SP	Foliated Tonalite Suite	Lt grey pinkish fine to med grained weakly foliated equigranular granite. 5% fg bt.
745286	422654.3	5493969	12/06/2022	SP	Foliated Tonalite Suite	Pinkish Lt grey med grained weakly foliated equigran granite. 5% fg bt.
745287	422628.3	5494013	12/06/2022	SP	Foliated Tonalite Suite	Lt grey med grained equigran non foliated granite. 5% fg bt.
745288	422475.4	5494340	12/06/2022	SP	Foliated Tonalite Suite	Grey to dk grey, pinkish, med grained, equigranular, non foliated granodiorite. 10% fg bt.
745289	422450.6	5494367	12/06/2022	SP	Foliated Tonalite Suite	Grey to dk grey pinkish med grained equigran non foliated grano. 10% fg bt.
745290	422293.2	5494691	12/06/2022	SP	Foliated Tonalite Suite	Pink medium grained non foliated equigranular granite. 5% fine to med musc.
745291	422215.3	5494869	12/06/2022	SP	Metasedimentary Rocks	Dk grey mod foliated equigran fine grained metased. Bt rich.
745292	422200.1	5494908	12/06/2022	SP	Metasedimentary Rocks	Lt Grey mod foliated fg metased. 5% fg foliated bt. Few cm sized qtz veins parrallel to folition as well. Felsic metavolc?
745293	422176.3	5494956	12/06/2022	SP	Metasedimentary Rocks	Grey fg mod foliated equigran metased. 10% fg foliated bt.

745294	422134.3	5495052	12/06/2022	SP	Metasedimentary Rocks	Dk grey mod foliated fg metased. Mica rivh. In contactwith few granitic fingers.
745295	422402.5	5493643	13/06/2022	SP	Foliated Tonalite Suite	Dk grey pinkish mdd grained non foliatd equigran grano. 5% fg bt.
745296	422472.3	5493437	13/06/2022	SP	Foliated Tonalite Suite	Grey to lt grey med grained weakly foliated equigran grano. 5% fg bt.
745297	422486.9	5493372	13/06/2022	SP	Foliated Tonalite Suite	Grey med grained equigran non foliated grano. 5% fg bt.
745298	422514.9	5493340	13/06/2022	SP	Foliated Tonalite Suite	Grey pinkish med grained equigran non foliated grano. 5% fg bt.
745299	422535.7	5493308	13/06/2022	SP	Foliated Tonalite Suite	Grey, dk grey, pinkish, brown staining, med grained non foliated grano. 5% fg bt.
745300	422338.7	5493259	13/06/2022	SP	Foliated Tonalite Suite	Dk grey fine to med grained equigran non foliated grano. 5% fg bt.
745301	422785.1	5495530	09/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Abundant biotite, minor qtz. Slightly orange oxidised sections
745302	422765.1	5495577	09/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, moderately foliated metased. Largely abundant mica, minorly abundant quartz. Trace oxidation between beds. Outcrop has an oxidised orange colour
745303	422741.3	5495624	09/06/2022	EH	Metasedimentary Rocks	Light grey, fine to medium grained, strongly foliated metased. Large abundance of mica. Rich bands of quartz and fsp. Slight green colour of potential alteration
745304	422720	5495665	09/06/2022	EH	Metasedimentary Rocks	Medium to darkgrey, fine to medium grained, moderately foliated metased. Abundant mica. Trace qtz. Trace fine pyrite observed
745305	422695.4	5495711	09/06/2022	EH	Metasedimentary Rocks	Medium to dark grey, fine grained, mildly foliated metased. Abundant mica. Trace qtz. Oxidised sections between beds
745306	422655.9	5495799	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, mildly foliated metased. Abundant mica. Trace qtz. Trace diagenetic fine pyrite. Oxidised appearance
745307	422607.2	5495886	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, mildly foliated metased. Abundant mica. Trace qtz.
745308	422587.1	5495933	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated, slightly fissile, metased. Abundant mica. Trace qtz. Oxidised layer between beds. Trace lenses of quartz
745309	422563.9	5495978	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated, slightly fissile, metased. Abundant mica. Minor abundance of qtz. Trace lenses of quartz parallel to foliation
745310	422543.8	5496023	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated, fissile, metased. Abundant mica. Minor abundance of qtz. Trace lenses of quartz parallel to foliation. Trace oxidation
745311	422345.8	5495984	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated metased. Abundant mica. Minor abundance of qtz. Trace lenses of quartz parallel to foliation.
745312	422365.2	5495939	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated, fissile metased. Abundant mica. Minor abundance of qtz. Trace lenses of quartz parallel to foliation. Minor oxidation
745313	422408.1	5495848	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, moderatly foliated, fissile metased. Abundant mica. Minor abundance of qtz. Minor oxidation
745314	422470.5	5495711	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine to medium grained, mildly foliated metased. Abundant mica. Minor abundance of qtz. Minor oxidised patches. Trace purplish metallic looking mineral

745315	422496.7	5495668	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine to medium grained, mildly foliated, Fissile metased. Abundant mica. Minor abundance of qtz. Minor oxidised patches
745316	422514.4	5495623	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine to medium grained, mildly foliated metased. Abundant mica. Minor abundance of qtz in lenses parallel to foliation.
745317	422538.3	5495575	09/06/2022	EH	Metasedimentary Rocks	Dark grey to black (with blue hue), fine to medium grained, mildly foliated metased. Abundant mica. Minor abundance of qtz in lenses parallel to foliation. Outcrop is moderately oxidised on surface
745318	422559.5	5495532	09/06/2022	EH	Metasedimentary Rocks	Medium to dark grey (with blue hue), fine to medium grained, mildly foliated metased. Largely abundant mica. Minor abundance of qtz. Outcrop is moderately oxidised on surface
745319	422581	5495490	09/06/2022	EH	Metasedimentary Rocks	Medium to dark grey (with blue hue), fine to medium grained, mildly foliated metased. Largely abundant mica. Minor qtz. Sub-crop has a green hue. Dark green veinlets observed. Vuggy qtz with pyrite observed in rock
745320	421958.5	5495401	10/06/2022	EH	Metasedimentary Rocks	Fine grained, mildly foliated, dark grey metased. Large abundance of mica (biotite) with minor qtz. Dark, muddy groundmass.
745321	421931.3	5495448	10/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light to medium grey, foliated and fissile metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass.
745322	421913.3	5495497	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass.
745323	421891.3	5495538	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Quite hard. Cross course qtz Veining in OC
745324	422111.7	5495538	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Slightly fissile. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Quite hard. Purplish oxidised patches
745325	422137	5495492	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Quite hard. Qtz Veining parallel to foliation
745326	422184.5	5495399	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Fissile. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Slight orange oxidised, weathered surface
745327	422197.2	5495350	10/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey (with a blue hue), foliated metased. Fissile. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Slight orange oxidised, weathered surface

745328	422398.2	5495400	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey (with a dark blue hue), mildly foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. In contact with a granitic pegmatite
745329	422380.3	5495444	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. In contact with a granitic pegmatite and quite hard to hammer
745330	422356.1	5495491	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Dark orange oxidised colour on outcrop. Qtz lenses parallel to foliation
745331	422337	5495533	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Qtz lenses parallel to foliation. Banded due to strong foliation. Slight dark green hue
745332	422294.1	5495625	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Quite flaky appearance. Qtz lenses parallel to foliation. Cross course qtz Veining observed
745333	422273.5	5495665	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Fissile. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Qtz lenses parallel to foliation.
745334	422227.6	5495758	10/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metased. Fissile. Largely abundant mica (biotite), with minor qtz and a dark, muddy groundmass. Qtz lenses parallel to foliation.
745335	422997.2	5494629	11/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular grey coloured granodiorite. Compositionally dominated by white plag fsp. Moderate abundance of biotite. Minor quartz and msc.
745336	423017	5494588	11/06/2022	D	Foliated Tonalite Suite	Medium to coarse grained phaneritic, mildly foliated, equigranular pinkish dark grey coloured granite. Compositionally dominated by pink ksp. 10% biotite. Lesser quartz and plag
745337	423047.7	5494563	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pinkish white coloured granite. Compositionally dominated by pink ksp. 15% biotite. Lesser quartz and plag
745338	423060	5494498	11/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pinkish grey coloured granite. Compositionally dominated by pink ksp. 15% biotite. Lesser quartz and plag
745339	423082.1	5494453	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pinkish grey coloured granite. Compositionally dominated by pink ksp. 20% biotite. Minor abundance quartz, plag and msc

745340	423103.9	5494410	11/06/2022	D	Foliated Tonalite Suite	Fine to medium grained phaneritic, mildly foliated, equigranular pinkish dsrk grey coloured granite. Compositionally dominated by pink ksp. 20% biotite. Lesser quartz, plag
745341	423148.3	5494320	11/06/2022	D	Foliated Tonalite Suite	Fine to medium grained phaneritic, moderately foliated, equigranular light grey coloured granodiorite. Compositionally dominated by white plag. 20% biotite. Lesser quartz, plag
745342	423176.8	5494265	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular light grey coloured granodiorite. Compositionally dominated by white plag. 20% biotite. Lesser quartz
745343	423192.1	5494225	11/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pinkish dark grey coloured granite. Compositionally dominated by roughly equal white plag and pink ksp. 20% biotite. Lesser quartz
745344	423013.8	5494148	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular light grey coloured granite. Compositionally dominated by white plag. Moderately abundant (20%) biotite. Lesser quartz. Trace, red anhedral garnets
745345	422970.9	5494233	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pink and light grey coloured granite. Compositionally dominated by k-spar. Moderately abundant (20%) biotite. Minor muscovite. Lesser quartz.
745346	422946.9	5494275	11/06/2022	D	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pinkishgrey coloured granite. Compositionally dominated by k-spar. Moderately abundant (15%) biotite. Minor muscovite. Lesser quartz.
745347	422927.5	5494315	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pink coloured granite. Compositionally dominated by k-spar. Moderately abundant (15%) biotite. Minor plag fsp and muscovite. Lesser quartz.
745348	422818	5494550	11/06/2022	EH	Foliated Tonalite Suite	Medium grained phaneritic, mildly foliated, equigranular pink coloured granite. Compositionally dominated by k-spar with minor white plag fsp. Moderately abundant (15%) biotite. Minor muscovite. Lesser quartz. Trace red anhedral garnets
745349	422476.2	5493870	11/06/2022	D	Foliated Tonalite Suite	Dark grey medium grained phaneritic equigranular moderately foliated granite. Dominantly kspar and biotite with lesser qtz and plag. In contact with minor pegmatite
745350	422500.2	5493829	11/06/2022	D	Foliated Tonalite Suite	Moderately foliated medium grained phaneritic granite. Composed of mostly kspar and plag with lesser qtz. 15% biotite
745351	422299.1	5494239	12/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular grey granodiorite. Composed dominantly of white plag fsp. Moderately abundant biotite. Minor qtz
745352	422280.3	5494284	12/06/2022	DK	Foliated Tonalite Suite	Fine to medium grained phaneritic moderately foliated granite. Dominantly pink kspat with lesser qtz and plag. 15% biotite

745353	422258.7	5494326	12/06/2022	DK	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular pinkish grey granite. Dominated by fsp of both k-spar and plag. Moderately abundant biotite (~20%), minor Qtz. Odd patches of green alteration
745354	422232.8	5494375	12/06/2022	DK	Foliated Tonalite Suite	Light pinkish white moderately foliated medium grained equigranular phaneritic granite. Dominantly k-spar with lesser plag and Qtz. 15% biotite
745355	422074.8	5494240	12/06/2022	DK	Foliated Tonalite Suite	Medium grained, non-foliated, equigranular, grey granite. Compositionally dominated by white plag fsp, with minor pink k-spar. Moderately abundant biotite. Minor quartz
745356	421950.8	5494950	13/06/2022	PS	Metasedimentary Rocks	Light grey fine grained meta siltstone with minor foliation, 1-4mm quartz veins paralleling foliation
745357	422190.1	5494447	12/06/2022	DK	Foliated Tonalite Suite	Coarse grained phaneritic equigranular non foliated granodiorite. Composed of mostly Qtz and plag with lesser k-spar. 10% biotite
745358	421970	5494913	13/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Compositionally dominated by biotite with minor quartz.
745359	422014.8	5494829	13/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Compositionally dominated by biotite with minor Qtz.
745360	422031.9	5494779	13/06/2022	PS	Metasedimentary Rocks	Dark grey biotite rich meta sed., Housing moderate quartz veins 1-3mm and 4cm quartz lenses
745361	421924.2	5494556	13/06/2022	PS	Metasedimentary Rocks	Dark grey Biotite rich meta sed showing minor foliation but generally massive, 1cm pink orange peg vein crosscutting through foliation (showing minor muscovite sheets)
745362	421908.2	5494605	13/06/2022	DK	Metasedimentary Rocks	Dark grey Biotite rich meta sed showing minor foliation but generally massive
745363	421873	5494638	13/06/2022	PS	Other	dark grey fine grained granodiorite, 10% bio, minor k-spar moderate quartz, very silicious
745364	421854.7	5494692	13/06/2022	DK	Other	dark grey fine grained phaneritic equigranular granodiorite, 10% bio, minor k-spar moderate quartz, very silicious
745365	421834.4	5494734	13/06/2022	SP	Other	Dark grey mica rich metased. Abundant biotite, minor muscovite, moderate Qtz. moderate foliation, massive
745366	421816.5	5494778	13/06/2022	DK	Other	Dark grey fine grained mica rich metased. Abundant biotite, minor muscovite, moderate Qtz. moderately foliated
745367	421791.7	5494822	13/06/2022	SP	Other	Dark grey fine grained metased. moderately foliated but generally massive, 1-2cm muscovite rich vein within
745368	421631.1	5494696	13/06/2022	DK	Other	Dark grey fine grained metased. moderately foliated but generally massive. In contact with minor pegmatite. Composed of mainly biotite with lesser Qtz and musc
745369	421652.9	5494648	13/06/2022	DK	Other	Black fine grained metased. Biotite rich moderately foliated but generally massive very hard

745370	421700	5494559	13/06/2022	PS	Metasedimentary Rocks	Black fine grained metased. moderately foliated but generally massive very hard (silicicous)
745371	421720.3	5494517	13/06/2022	PS	Metasedimentary Rocks	Black fine grained metased. moderately foliated but generally massive very hard (silicicous)
745372	421744	5494471	13/06/2022	PS	Metasedimentary Rocks	Black fine grained metased. moderately foliated but generally massive very hard (silicicous), some quartz lenses less than 3cm
745373	421759.4	5494430	13/06/2022	DK	Metasedimentary Rocks	Black fine grained metased. moderately foliated but generally massive very hard (siliceous). Slightly fissile. Dominantly biotite with qtz lenses
745374	421888.6	5494152	13/06/2022	DK	Metasedimentary Rocks	Pinkish light grey medium grained phaneritic weakly foliated granite. Composed of mostly kspar with lesser plag and qtz. 15% bio
745375	421564.9	5492549	14/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, mildly foliated two-mica granite. Compositionally dominated by pink kspar, with minor white fsp. Moderate abundance of biotite. Minor qtz and musc
745376	421542.4	5492591	14/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, mildly foliated granodiorite. Compositionally dominated by white plag fsp, with trace pink kspar. Moderate abundance of biotite. Minor qtz and musc
745377	421467	5492755	14/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, mildly foliated granodiorite. Compositionally dominated by white plag fsp, with trace pink kspar. Moderate abundance of biotite. Minor qtz and musc. Cross course pegmatite and aplite veins in outcrop
745378	420287.7	5492432	14/06/2022	EH	Metasedimentary Rocks	Fine to medium, light to medium grey, highly foliated, fissile metaseds. Moderate abundance of biotite which is coarser than the groundmass. Groundmass composed of fsp, qtz, and mud/clay
745379	420269.6	5492491	14/06/2022	EH	Metasedimentary Rocks	Fine to medium, light to medium grey, highly foliated metaseds. Moderate abundance of biotite coarser than groundmass. Groundmass composed of fsp, qtz, and mud/clay. Rock is quite hard from being g heated by granodiorite dykes in outcrop.
745380	420483.7	5492474	15/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium grey and light brown in colour, highly foliated metased. Large abundance of biotite which is coarser than groundmass
745381	420420.6	5492615	15/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium grey and light brown in colour, highly foliated metased. Large abundance of biotite which is coarser than groundmass
745382	420619	5492689	15/06/2022	EH	Felsic to Intermediate MetaVolcanic Rocks	Fine to medium grained, medium grey colour, highly foliated metased. Large abundance of biotite which is coarser than groundmass of qtz and fsp. Toumsline bearing pegmatite veins observed cross cutting foliation
745383	420636.2	5492636	15/06/2022	EH	Other	Finely crystalline, dark grey to black, highly foliated, mafic metavolcanic. Composed largely of biotite. Unable to see crystals of other minerals

745384	420800.8	5492718	15/06/2022	EH	Other	Medium grained, equigranular, foliated, cream coloured granodiorite. Compositionally dominated by creamy white fsp with trace pink fsp. moderate qtz. Minor mica
745385	421156.2	5492442	16/06/2022	EH	Foliated Tonalite Suite	Medium grained, equigranular, mildly foliated granodiorite. Largely composed of white plag fsp, with a large abundance of smokey qtz. Minor biotite. Trace orange grts.
745386	421118.2	5492541	16/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular granodiorite. Compositionally dominated by white plag fsp with trace pink kspar. Moderate abundance of biotite and qtz
745387	420941.1	5492908	16/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular granodiorite. Compositionally dominated by white plag fsp with trace pink kspar. Moderate abundance of biotite and qtz
745388	420923.5	5492955	16/06/2022	EH	Foliated Tonalite Suite	Fine grained, equigranular, strongly foliated metavolcanics. Dark grey in colour. Bands of more intermediate/felsic material. Large abundance of biotite
745389	420766.2	5493271	16/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, highly foliated metaseds. Large abundance of biotite which is slightly coarser than the groundmass. Sample appears slightly oxidised
745390	420749	5493315	16/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, highly foliated metaseds. Large abundance of biotite which is slightly coarser than the groundmass.
745391	420717.7	5493369	16/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, highly foliated, fissile metaseds. Large abundance of mica which is slightly coarser than the groundmass. Slight oxidation in outcrop
745392	420685.6	5493412	16/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, highly foliated, fissile metaseds. Large abundance of mica which is slightly coarser than the groundmass. Slight oxidation in outcrop
745393	420675.7	5493446	16/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, highly foliated, fissile metaseds. Large abundance of mica which is slightly coarser than the groundmass.
745394	420656.7	5493496	16/06/2022	EH	Metasedimentary Rocks	Fine grained, medium, highly foliated, metaseds. Large abundance of mica which is slightly coarser than the groundmass.
745395	421091.4	5494433	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, highly foliated metaseds. Large abundance of mica. Minor qtz and creamy fsp
745396	421048.8	5494522	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, highly foliated, fissile metaseds. Large abundance of biotite. Qtz lenses parallel to foliation
745397	421027.5	5494569	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, highly foliated, fissile metaseds. Large abundance of biotite. Qtz lenses parallel to foliation. Outcrop is quite hard compared to other metaseds
745398	420985	5494658	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated metaseds. Large abundance of biotite. Thick Qtz lenses parallel to foliation.

745399	420939.5	5494744	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated metaseds. Large abundance of biotite. Qtz lenses parallel to foliation.
745400	420920.7	5494789	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated, fissile metaseds. Large abundance of biotite, minor qtz. Qtz lenses parallel to foliation.
745401	420901.3	5494834	17/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, foliated, fissile metaseds. Large abundance of biotite, minor qtz. Qtz lenses parallel to foliation.
745402	421483.3	5494535	15/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained meta sed minor quartz and abundant biotite, minor foliation
745403	421510.2	5494465	15/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained meta sed abundant qtz, minor biotite, minor foliation but generally massive
745404	421556.5	5494379	15/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained meta sed abundant qtz, moderate biotite, minor to moderate foliation but generally massive
745405	421584.8	5494341	15/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained meta sed minor qtz, moderate biotite, minor to moderate foliation but generally massive
745406	421606.1	5494289	15/06/2022	PS	Metasedimentary Rocks	W.tangreyc, f. Dark grey fine grained meta sed minor qtz, moderate biotite, minor to moderate foliation but generally massive, 2-5mm quartz veins following foliation 205/90
745407	421737.3	5494015	15/06/2022	PS	Foliated Tonalite Suite	Dark green-black red medium grained equigranular granodiorite/tonalite moderately foliated 20%bio, moderate quartz, minor massive garnet, moderate white kspar
745408	421354.8	5493447	15/06/2022	PS	Other	Dark green black Coarsely crystalline amphibolite/diabase, equal parts fsp and amphi in core of body, slightly finer at margins of body and 80% amph, 20% fsp
745409	421395.4	5493344	15/06/2022	PS	Foliated Tonalite Suite	W. light grey pink, F. red green coarse grained granite/tonalite, moderately foliated 25% black pyx and biotite, 5-10% d. red anhedral garnets, minor white kspar, abundant qtz, 0.5-2cm pink white peg
745410	420734.9	5494702	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metaseds. Large abundance of biotite, minor qtz. Qtz lenses parallel to foliation. Oxidises patches on outcrop
745411	420760.4	5494655	17/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metaseds. Large abundance of biotite, minor qtz.
745412	420781.1	5494615	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, foliated metaseds. Large abundance of biotite, minor qtz. Slight purple metallic hue
745413	420803.1	5494571	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, foliated and fissile metaseds. Large abundance of biotite, minor qtz. Weathered orange appearance to outcrop
745414	420824.3	5494522	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, foliated and fissile metaseds. Large abundance of biotite, minor qtz. Red weathered colour to outcrop under a tree.
745415	420847.9	5494477	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, mildly foliated metaseds. Large abundance of biotite, minor qtz. Cross course veinlets observed on outcrop

745416	420876	5494430	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light to medium grey, mildly foliated metaseds. Large abundance of biotite, minor qtz. Cross course veinlets observed on outcrop
745417	420888.6	5494385	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light to medium grey, mildly foliated, fissile metaseds. Large abundance of biotite, minor qtz.
745418	420913.6	5494347	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light to medium grey, mildly foliated, fissile metaseds. Large abundance of biotite, minor qtz. Qtz lenses parallel to foliation
745419	420976	5494204	17/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light to medium grey, mildly foliated, fissile metaseds. Appears to have schistosity. Large abundance of biotite, minor qtz. Qtz lenses parallel to foliation
745420	420418.2	5493540	18/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, foliated metaseds. Large abundance of biotite. Minor qtz. Fine, dark muddy groundmass.
745421	420436.6	5493499	18/06/2022	DK	Metasedimentary Rocks	Fine grained, dark grey, moderately foliated metaseds. Large abundance of biotite. Minor qtz. Fine, dark muddy groundmass.
745422	420458.1	5493451	18/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, moderately foliated metaseds. Large abundance of biotite. Minor qtz. Fine, dark muddy groundmass. Pegmatite veins observed in outcrop
745423	420481.9	5493409	18/06/2022	DK	Metasedimentary Rocks	Fine grained, dark grey, well foliated metaseds. Large abundance of biotite. Minor qtz. Fine, dark muddy groundmass. Fissile.
745424	420498	5493366	18/06/2022	DK	Metasedimentary Rocks	Fine grained, dark grey, well foliated metaseds. Large abundance of biotite. Minor qtz. Fine, dark muddy groundmass. Fissile. Heavily oxidised with strong orange colour. Purplish metallic sheen seen on surfaces
745425	420932.3	5493851	18/06/2022	DK	Metasedimentary Rocks	Dark grey coarse grained phaneritic diabase/Gabbro. Composed dominantly of hornblende and pyroxene with lesser plag and bio. Non foliated/massive. Slight orange weathering.
745426	420951.3	5493808	18/06/2022	EH	Metasedimentary Rocks	Dark grey, coarse grained phaneritic diabase/Gabbro. Composed dominantly of hornblende and pyroxene with lesser plag and bio. Non foliated/massive. Slight orange weathering.
745427	420973.8	5493763	18/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Composed dominantly of biotite with lesser quartz. Slightly fissile.
745428	420996.6	5493719	18/06/2022	EH	Metasedimentary Rocks	Dark grey to black, fine grained, well foliated, fissile metased. Composed dominantly of biotite with lesser quartz. Oxidised between layers
745429	421016	5493672	18/06/2022	DK	Metasedimentary Rocks	Dark grey to black, fine grained, well foliated, fissile metased. Composed dominantly of biotite with lesser quartz. Minor qtz rich bands present.
745430	421040	5493628	18/06/2022	DK	Metasedimentary Rocks	Medium to dark grey, fine grained, well foliated metased. Composed dominantly of biotite with lesser quartz. Minor qtz rich bands present.

745431	420926.5	5493405	18/06/2022	DK	Felsic to Intermediate MetaVolcanic Rocks	Medium grey, fine to medium grained phaneritic, moderately foliated granodiorite. Composed dominantly of plag and qtz. 5% bio.
745432	420906.5	5493448	18/06/2022	DK	Metasedimentary Rocks	Medium grey, fine to medium grained phaneritic, moderately foliated granodiorite. Composed dominantly of plag and qtz. 5% bio. Largely dominated by finely crystalline grey material
745433	420881.4	5493493	18/06/2022	DK	Metasedimentary Rocks	Dark grey, fine grained, moderately foliated metased. Composed dominantly of bio. Minor qtz.
745434	420857.1	5493535	18/06/2022	DK	Metasedimentary Rocks	Medium grained, equigranular, mildly foliated granite. Composed largely of white plag fsp, with moderately abundant biotite. Minor abundance of qtz
745435	420837.9	5493583	18/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Composed largely of biotite with minor abundance of qtz
745436	420817.7	5493628	18/06/2022	EH	Metasedimentary Rocks	Dark grey, fine grained, moderately foliated metased. Composed largely of biotite with minor abundance of qtz
745437	420796.1	5493673	18/06/2022	EH	Metasedimentary Rocks	Dark grey, fine grained, weakly foliated, slightly fissile. Composed largely of biotite with lesser qtz.
745438	420532	5493307	18/06/2022	EH	Metasedimentary Rocks	Medium grey with a light brown hue, fine grained, weakly foliated, slightly fissile metased. Composed largely of biotite with lesser qtz.
745439	420570.2	5493229	18/06/2022	EH	Metasedimentary Rocks	Medium grey fine grained, weakly foliated, metased. Composed largely of biotite with lesser qtz. Granitic Veining throughout outcrop
745440	420590.9	5493183	18/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, highly foliated, fissile metaseds. Large abundance of biotite. Minor qtz. Boudinage qtz lenses observed in outcrop
745441	420655.4	5493054	18/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, moderately foliated metased. Large abundance of mica. Minor qtz. Rare lenses of qtz parallel to foliation
745442	419833.9	5493812	19/06/2022	EH	Metasedimentary Rocks	Medium grained, dark grey, mildly foliated metased. Large abundance of biotite. Minor qtz
745443	419853.4	5493776	19/06/2022	EH	Metasedimentary Rocks	Medium grained, dark grey, foliated, fissile metased. Large abundance of biotite. Minor qtz
745444	419880.9	5493733	19/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey to black, foliated metased. Large abundance of biotite. Minor qtz. Very dark and muddy.
745445	419921.5	5493635	19/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated and fissile metased. Shaley sections in outcrop. Large abundance of biotite. Minor qtz. Very dark and muddy.
745446	419943.7	5493600	19/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated and fissile metased. Shaley sections in outcrop. Large abundance of biotite. Minor qtz. Very dark and muddy.
745447	419965	5493551	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, foliated and fissile metased. Large abundance of biotite. Minor qtz. Very dark and muddy. Qtz lenses parallel to foliation

745448	419988.7	5493504	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, foliated metased. Large abundance of biotite. Minor Qtz. Very dark and muddy. Qtz lenses parallel to foliation
745449	420011.2	5493456	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, foliated metased. Abundant of biotite. Minor Qtz. Very dark and muddy. Qtz lenses parallel to foliation. Qtz vein with trace chalcopyrite observed
745450	420027.5	5493416	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey with a blue hue, foliated metaseds. Large abundance of biotite. Minor Qtz. Qtz bands in outcrop
745451	421071.5	5494035	16/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Very mica rich.
745452	421057	5494061	16/06/2022	DK	Metasedimentary Rocks	Fine grained dark grey well foliated metased. Dominantly composed of biotite and quartz. Slightly fissile with thin beds.
745453	420912.4	5493890	16/06/2022	SP	Other	Porphyritic mottled dark grey non foliated amphibolite/porph gabbro. Mostly pyroxene/hbl with lesser fsp. 5% fg bt?
745454	420868.1	5494001	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745455	420826.9	5494082	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Moderate mica. Brown staining.
745456	420797.2	5494119	17/06/2022	DK	Metasedimentary Rocks	Well foliated metased composed of bio and Qtz. Dark grey, fine grained. Minor pegmatite vein in outcrop
745457	420787	5494172	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Moderate mica.
745458	420745.1	5494214	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Composed of Qtz and bio
745459	420728.8	5494263	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica poor?
745460	420715.7	5494303	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Composed of bio and Qtz.
745461	420671.2	5494389	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745462	420648.9	5494435	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Composed of quartz and biotite
745463	420619	5494474	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mod mica?
745464	420427.4	5494435	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745465	420447	5494393	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Composed of quartz and biotite
745466	420548.5	5494170	17/06/2022	SP	Metasedimentary Rocks	Grey fg weakly foliated metased. Mica rich.
745467	420582.2	5494125	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Composed of quartz and biotite
745468	420600	5494078	17/06/2022	SP	Metasedimentary Rocks	Grey fg mod foliated metased. Mica rich.
745469	420600	5494078	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained massive metased. Composed of quartz and biotite.
745470	420650.1	5493990	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.

745471	420666.5	5493943	17/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained massive metased. Composed of quartz and biotite
745472	420687	5493899	17/06/2022	SP	Metasedimentary Rocks	Grey fg mod foliated metased. Mica rich.
745473	420708.1	5493852	17/06/2022	DK	Metasedimentary Rocks	Dark grey massive fine grained metased. Composed of quartz and biotite
745474	420779.1	5493714	17/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich. Few alternating mm sized dk grey and lt grey bands.
745475	419972.6	5494002	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Moderate mica.
745476	419988.3	5493948	18/06/2022	SP	Metasedimentary Rocks	Lt grey fg moderately foliated metased. Mica poor?
745477	420035.6	5493863	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Moderate mica. Cm sized qtz veins within outcrop.
745478	420058.1	5493814	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica poor.
745479	420085.2	5493769	18/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. Mica rich.
745480	420114.8	5493726	18/06/2022	SP	Metasedimentary Rocks	Grey fg weakly foliated metased. Mica rich.
745481	420124.9	5493682	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Moderate mica.
745482	420137.3	5493637	18/06/2022	SP	Metasedimentary Rocks	Lt grey fg weakly foliated metased. Mica rich, 5% fg foliated bt.
745483	420284.1	5493318	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Moderate fg weakly foliated mica.
745484	420304	5493265	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg moderately foliated metased. Mica rich.
745485	420428.8	5493055	18/06/2022	SP	Metasedimentary Rocks	Dk grey fine with lesser almost med grained clasts moderately foliated metased. 5% fg foliated bt?
745486	420436.5	5493021	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg massive metased. Mica poor.
745487	420493.8	5492915	18/06/2022	SP	Metasedimentary Rocks	Pinkish grey med grained equigranular weakly foliated granodiorite. 5% fg weakly foliated bt.
745488	420518	5492862	18/06/2022	SP	Metasedimentary Rocks	Dk grey fg very foliated metased. Lighter and darker mm to cm sized metased bands. 5% fg bt.
745489	420528.8	5492822	18/06/2022	SP	Metasedimentary Rocks	Lt grey to pinkish med grained mod foliated grano. 5% fg foliated bt. More pinkish coarse musc bearing pegmatitic granitic intrusions in outcrop (not sample)
745490	419700.5	5493640	19/06/2022	SP	Metasedimentary Rocks	Dk grey vfg weakly foliated metased. Mica poor?
745491	419720.7	5493599	19/06/2022	DK	Metasedimentary Rocks	Moderately foliated dark grey fine grained metased. Composed of dominantly biotite with minor quartz
745492	419744.5	5493545	19/06/2022	SP	Metasedimentary Rocks	Dk grey to grey fg weakly foliated metased. Mica poor.
745493	419766.4	5493507	19/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained moderately foliated metased. Composed dominantly of biotite with minor quartz
745494	419790.8	5493462	19/06/2022	SP	Metasedimentary Rocks	Dk grey to grey fg weakly foliated metased. 5% fg bt?
745495	419805	5493420	19/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated but generally massive metased. Biotite rich with lesser qtz
745496	419841.4	5493377	19/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated to massive vfg metased. No apparent min or xtals.

745497	419857.7	5493315	19/06/2022	DK	Metasedimentary Rocks	Dark grey to black fine grained moderately foliated metased composed of biotite
745498	419868	5493284	19/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica poor?
745499	419896.2	5493247	19/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained moderately foliated metased. Composed of dominantly biotite with lesser qtz
745500	419914.9	5493189	19/06/2022	SP	Metasedimentary Rocks	Dk grey mod foliated fg equigran metased. mica rich.
745501	420615.1	5493581	17/06/2022	PS	Metasedimentary Rocks	Black fine grained crystalline metased. Biotite-rich
745502	420592	5493629	17/06/2022	PS	Metasedimentary Rocks	Fine grained, grey/black bi rice metased, massive and moderately foliated
745503	420570.4	5493672	17/06/2022	SP	Metasedimentary Rocks	Black fine grained biotite rich meta sed with moderate foliation
745504	420544.4	5493722	17/06/2022		Metasedimentary Rocks	Fine grained black to grey micaceous metased, very hard and silicious, biotite rich
745505	420503.5	5493809	17/06/2022	SP	Metasedimentary Rocks	Jet black slightly silicious fine grained meta sed. Biotite dominated and minor foliation but generally massive
745506	420459.6	5493896	17/06/2022	SP	Metasedimentary Rocks	Jet black slightly silicious fine grained meta sed. Biotite dominated and minor foliation but generally massive
745507	420445.8	5493941	17/06/2022	SP	Metasedimentary Rocks	Jet black silicious fine grained meta sed. Biotite dominated and minor foliation but generally massive
745508	420333.9	5494170	17/06/2022	SP	Metasedimentary Rocks	Jet black blue slightly silicious very fine grained/crystalline meta sed. minor foliation but generally massive
745509	420301.1	5494228	17/06/2022	SP	Metasedimentary Rocks	Light blue grey crystalline to fine grained metased. Too fine grained to get visible minerals, appears to be quartz rich with v.little biotite, minor foliation, very massive
745510	420287.9	5494261	17/06/2022	SP	Metasedimentary Rocks	Light grey blue crystalline metased. (siltstone) Quartz rich with small 4mm quartz vein running through it
745511	420267.8	5494307	17/06/2022	SP	Metasedimentary Rocks	Dark grey to black slightly silicious crystalline to fine grained meta sed. Quartz dominated. minor foliation showing signs of schistosity via micas
745512	420114.2	5494173	17/06/2022	SP	Metasedimentary Rocks	Light grey blue fine grained to crystalline meta siltstone with minor sub 1mm quartz veins
745513	420128.4	5494129	17/06/2022	SP	Metasedimentary Rocks	Light grey metased, slightly dom by biotite showing low schistosity, still very silicious and massive, minor foliation
745514	420148.7	5494086	17/06/2022	SP	Metasedimentary Rocks	Light grey metased, slightly dom by biotite showing low schistosity, still very silicious and massive, minor foliation
745515	420176.5	5494041	17/06/2022	SP	Metasedimentary Rocks	Light grey blue metased, microcrystalline quartz dom showing low schistosity, still very silicious and massive,
745516	420348.3	5493682	17/06/2022	SP	Metasedimentary Rocks	Light grey blue metased, microcrystalline quartz dom, very silicious and massive
745517	420371.3	5493639	17/06/2022	SP	Metasedimentary Rocks	Light grey blue metased, microcrystalline quartz dom, very silicious and massive, slightly micaceous minor foliation

745518	420073.5	5493328	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, foliated metaseds. Large abundance of biotite. Minor qtz.
745519	420099	5493281	19/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium to dark grey, foliated metaseds. Large abundance of biotite. Minor qtz.
745520	420115.5	5493233	19/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated, fissile metaseds. Large abundance of biotite. Minor qtz.
745521	420140	5493189	19/06/2022	EH	Metasedimentary Rocks	Fine grained, dark grey, foliated metaseds. Large abundance of biotite. Minor qtz. Pegmatite veins observed in outcrop
745522	420162.8	5493151	19/06/2022	EH	Metasedimentary Rocks	Fine grained, medium grey, foliated metaseds. Abundant of biotite. Minor qtz. Sandy lenses within outcrop
745523	420179.8	5493100	19/06/2022	EH	Metasedimentary Rocks	Fine grained, light to medium grey, foliated metaseds. Abundant of biotite. Minor qtz. Qtz lenses parallel to foliation
745524	420297	5492870	19/06/2022	EH	Felsic to Intermediate MetaVolcanic Rocks	Medium grained, phaneritic, mildly foliated equigranular diabase/gabbro. Co posed do inantly of black pyroxene and amphiboles, with moderately abundant plag fsp
745525	419221	5493240	20/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, mildly foliated metased. Abundant mica (biotite), with minor qtz. fine dark, muddy groundmass.
745526	419244	5493203	20/06/2022	EH	Metasedimentary Rocks	Fine grained, medium to dark grey, mildly foliated metased. Abundant mica (biotite), with minor qtz. fine dark, muddy groundmass.
745527	419267.8	5493156	20/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained meta sed. Minor foliation with mica of moderate schistocity
745528	419285.8	5493113	20/06/2022	PS	Metasedimentary Rocks	Dark grey fine grained metased. Minor foliation but generally massive, minor schistocity, moderate micas
745529	419310.3	5493066	20/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, light grey, foliated metaseds. Abundant mica (biotite).Minor qtz. Some biotite coarser than groundmass
745530	419352.7	5492979	20/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, medium, to dark grey, foliated metaseds. Abundant mica (biotite).Minor qtz. Some biotite coarser than groundmass. Qtz lenses parallel to foliation
745531	419394.3	5492882	20/06/2022	PS	Metasedimentary Rocks	Dark grey to black fine grained foliated metaseds. Abundant mica (biotite).Minor qtz. Some biotite coarser than groundmass. 3mm Qtzlenses parallel to foliation
745532	419419	5492840	20/06/2022	PS	Metasedimentary Rocks	Dark grey to black fine grained foliated metaseds. Possible magic metavolcanics, Abundant mica (biotite).Minor qtz. Some biotite. foliation
745533	419440.8	5492793	20/06/2022	EH	Metasedimentary Rocks	Dark grey to black fine grained foliated metaseds. Abundant mica (biotite).Minor qtz. fissile
745534	419464.3	5492750	20/06/2022	EH	Metasedimentary Rocks	Dark grey to black fine grained foliated metaseds. Abundant mica (biotite).Minor qtz.
745535	419506.6	5492664	20/06/2022	EH	Metasedimentary Rocks	Dark grey to black fine grained, foliated metaseds. Abundant mica (biotite).Minor qtz. Qtz lenses parallel to foliation

745536	419532.5	5492622	20/06/2022	EH	Metasedimentary Rocks	Light to dark grey fine grained meta volc(meta tuff) minor foliation minor biotite pods
745537	419555.6	5492572	20/06/2022	PS	Metasedimentary Rocks	Dark grey to black fine grained, foliated metaseds. Abundant mica (biotite). Minor qtz.
745538	419570.4	5492524	20/06/2022	EH	Metasedimentary Rocks	Medium grained, equigranular, mafic to intermediate, foliated metavolcanics. Largely composed of dark piroxenes and amphiboles with moderate abundance of white plag
745539	419626.1	5492874	21/06/2022	EH	Metasedimentary Rocks	Fine grained, equigranular, black, mafic metavolcanics. Abundant pyroxene and mica
745540	419646.8	5492839	21/06/2022	EH	Metasedimentary Rocks	Fine grained, equigranular, black, intermediate metavolcanics. Abundant pyroxene and mica, with minor qtz
745541	419663.7	5492795	21/06/2022	EH	Metasedimentary Rocks	Medium grained, equigranular, black, intermediate metavolcanics. Abundant pyroxene and biotite, with minor qtz. Cross course qtz Veining in outcrop
745542	419710.9	5492705	21/06/2022	EH	Metasedimentary Rocks	Medium grained, black, mafic metavolcanics. Composed of pyroxene, amphibole and biotite. Thin qtz veinlets in outcrop
745543	419796.2	5492527	21/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey to black, foliated metaseds. Large abundance of biotite. Minor qtz. Dark, muddy groundmass. Cross course qtz veinlets in outcrop
745544	419819.4	5492480	21/06/2022	EH	Metasedimentary Rocks	Medium grained, dark grey to black, mildly foliated diabase/gabbro. Large abundance of pyroxene and biotite. Minor plag fsp. Cross course qtz veinlets in outcrop
745545	419840.2	5492433	21/06/2022	EH	Metasedimentary Rocks	Fine to medium grained, dark grey, highly foliated and fissile metased. Large abundance of mica. Minor qtz. Dark muddy groundmass
745546	422085.2	5492855	22/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular, pink granite. Composed dominantly of pink kspar with minor white plag fsp. Moderate abundance of biotite. Minor qtz
745547	422041.1	5492946	22/06/2022	EH	Foliated Tonalite Suite	Medium grained, mildly foliated, equigranular, pink granite. Composed dominantly of pink kspar with minor white plag fsp. Moderate abundance of biotite. Minor qtz
745548	422015.6	5492985	22/06/2022	EH	Foliated Tonalite Suite	Weathered grey, fresh dark grey red green medium, grained equigranular granodiorite, moderate red quartz, moderate biotite, minor white kspar
745549	422219.3	5493035	22/06/2022	EH	Foliated Tonalite Suite	Grey medium grained equigranular granodiorite abundant qtz, minor bio moderate fdsp
745551	419940.5	5493155	19/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained moderately foliated metased. Composed of bio and qtz
745552	419952.8	5493105	19/06/2022	SP	Metasedimentary Rocks	Grey fg mod foliated equigran metased. 5% fg foliated bt.
745553	420000.5	5493018	19/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica rich
745554	420045.5	5492919	19/06/2022	DK	Metasedimentary Rocks	Dark grey moderately foliated fine grained metased. Composed of biotite and quartz
745555	420067.8	5492878	19/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich.
745556	419405.8	5493331	20/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mod fg mica?
745557	419470.9	5493198	20/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mod mica.
745558	419490.4	5493155	20/06/2022	DK	Metasedimentary Rocks	Dark grey to black fine grained moderately foliated metased. Composed dominantly of biotite

745559	419516.9	5493101	20/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica rich.
745560	419535.7	5493067	20/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Composed of biotite and lesser quartz.
745561	419555.2	5493023	20/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. Mica rich.
745562	419589.9	5492977	20/06/2022	DK	Metasedimentary Rocks	Dark grey weakly foliated fine grained metased. Composed mainly of biotite and lesser quartz.
745563	419600.9	5492931	20/06/2022	SP	Metasedimentary Rocks	Lt grey fg mod foliated metased? Mica rich. Visible fine grained clasts/fg? Intermediate volcanoclast?
745564	419543	5493513	21/06/2022	SP	Metasedimentary Rocks	Dk grey weakly foliated fg metased. Mod mica.
745565	419563.8	5493468	21/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated metased. Composed of dominantly biotite
745566	419580.8	5493427	21/06/2022	SP	Metasedimentary Rocks	Dk grey to grey vfg weakly foliated to massive metased. Mica poor?
745567	419612.4	5493375	21/06/2022	DK	Metasedimentary Rocks	Moderately foliated dark grey fine grained metased. Composed of dominantly biotite with lesser quartz
745568	419627.5	5493334	21/06/2022	SP	Metasedimentary Rocks	Gk grey fg massive to weakly foliated metased. Mica poor?
745569	419648.9	5493284	21/06/2022	DK	Metasedimentary Rocks	Medium grey fine to medium grained metased. Weakly foliated. Composed of biotite and quartz
745570	419676	5493243	21/06/2022	SP	Metasedimentary Rocks	Dk grey vfg to fg weakly foliated to massive metased. 3% fg foliated bt?
745571	419694.6	5493194	21/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained weakly foliated metased. Composed of biotite and quartz
745572	419728	5493147	21/06/2022	SP	Metasedimentary Rocks	Gk grey vfg to fg massive to weakly foliated metased. Mod mica.
745573	419740.2	5493106	21/06/2022	DK	Metasedimentary Rocks	Fine grained dark grey to black moderately foliated metased. Minor bands throughout outcrop. Visible feldspar crystals. Groundmass dominantly biotite and quartz. Possible metavolc?
745574	419762.7	5493055	21/06/2022	SP	Metasedimentary Rocks	Dk grey to grey fg massive to weakly foliated metased. 3% fg bt? Fg fsp/clasts, intermediate volcanoclast?
745575	419782.2	5493016	21/06/2022	DK	Metasedimentary Rocks	Fine grained dark grey to black weakly foliated metased. Composed of dominantly biotite.
745576	419802.2	5492974	21/06/2022	SP	Metasedimentary Rocks	Dk grey to grey fg weakly foliated metased. 3% fg weakly foliated bt? Fg fsp/clasts? Intermediate metavolc?
745577	419821.9	5492923	21/06/2022	SP	Metasedimentary Rocks	Dk grey fg mod foliated metased. Mica rich. Few 1-2 cm qtz veins in rest of rock.
745578	419862.2	5492875	21/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Composed dominantly of biotite with lesser quartz. Moderate veining throughout outcrop
745579	419868.5	5492838	21/06/2022	SP	Metasedimentary Rocks	Grey to dk grey fg weakly foliated metased, mica rich.
745580	421701.9	5495447	22/06/2022	SP	Metasedimentary Rocks	Dk grey fg weakly foliated metased. 3% fg foliated bt.
745581	421730.3	5495409	22/06/2022	DK	Metasedimentary Rocks	Dark grey well foliated fine grained metased. Composed of biotite and quartz
745582	421750	5495357	22/06/2022	SP	Metasedimentary Rocks	Dk grey fg massive to weakly foliated metased. Mica poor. Few bands of weakly foliated fg granitic with other parts of outcrop?

745583	421780.3	5495320	22/06/2022	DK	Metasedimentary Rocks	Dark grey fine grained well foliated metased. Composed of biotite and lesser quartz
745584	421802.2	5495279	22/06/2022	SP	Metasedimentary Rocks	Dk grey fg massive to weakly foliated metased. Mica rich.
745585	421820.5	5495227	22/06/2022	DK	Metasedimentary Rocks	Dark grey to black fine grained well foliated metased. Composed of biotite with lesser quartz

APPENDIX E – LITHOGEOCHEMISTRY ANALYTICAL CERTIFICATES FROM ACTIVATION LABS



Report No.: A22-08702
Report Date: 07-Sep-22
Date Submitted: 23-Jun-22
Your Reference: Graphic Lake

Canada Critical Resources Corp
1400C-250 Howe Strret
Vancouver
BC V6C3S7
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

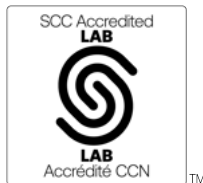
584 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: UT-7 (Li up to 5%) and QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES + ICPMS). Row 2: Testing Date: 2022-08-16 15:16:35

REPORT A22-08702

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS S-MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS S-MS- Na2O2 ppm	Ca_FUS S-MS- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS S-MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS S-MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S-MS- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS S-MS- Na2O2 ppm	In_FUS S-MS- Na2O2 ppm
742551	7.03	< 5	60	46	< 3	< 2	7.03	< 2	11.2	43.7	50	1.8	54	4.2	3.2	0.9	10.7	20.4	3.4	2.0	1.1	< 10	< 0.2
742552	8.52	< 5	50	517	< 3	< 2	1.67	< 2	14.1	5.1	40	3.1	27	1.1	0.8	0.6	1.99	21.4	1.4	1.3	0.3	< 10	< 0.2
742553	7.67	< 5	50	18	< 3	41	0.31	< 2	20.5	< 0.2	< 30	9.2	< 2	6.9	3.5	< 0.1	0.87	37.9	4.4	3.4	1.3	< 10	< 0.2
742554	7.67	< 5	40	49	< 3	< 2	0.08	< 2	4.8	0.4	30	18.3	< 2	0.9	0.4	< 0.1	0.66	35.3	1.6	3.6	< 0.2	< 10	< 0.2
742555	9.38	< 5	50	864	< 3	< 2	2.94	< 2	45.2	9.5	140	27.2	10	1.3	0.8	1.1	3.87	23.6	2.0	1.6	0.2	< 10	< 0.2
742556	7.93	< 5	50	9	3	< 2	0.32	< 2	13.9	< 0.2	30	16.0	< 2	3.2	1.8	< 0.1	0.75	29.5	2.7	1.6	0.6	< 10	< 0.2
742557	10.1	< 5	80	654	< 3	< 2	1.22	< 2	41.9	24.1	150	7.8	21	3.0	1.7	0.9	5.95	28.2	3.2	1.5	0.6	< 10	< 0.2
742558	8.12	< 5	30	1170	< 3	< 2	1.48	< 2	34.0	5.3	50	2.6	10	1.2	0.6	0.7	1.90	21.3	1.8	1.2	0.2	< 10	< 0.2
742559	8.42	< 5	40	653	< 3	< 2	1.68	< 2	38.1	27.8	160	4.3	40	3.0	1.8	0.7	5.72	20.8	2.8	2.4	0.6	< 10	< 0.2
742560	8.82	< 5	40	684	< 3	< 2	1.84	< 2	42.1	30.3	180	3.9	37	3.1	2.0	1.0	5.93	21.4	3.3	1.6	0.7	< 10	< 0.2
742561	6.67	< 5	100	331	< 3	< 2	4.39	< 2	30.6	17.3	110	7.8	28	2.3	1.5	1.0	11.3	20.2	3.2	5.5	0.5	10	< 0.2
742562	8.29	< 5	30	405	< 3	< 2	2.55	< 2	15.8	15.4	170	4.6	40	2.3	1.7	0.8	4.90	19.4	1.7	1.7	0.5	< 10	< 0.2
742563	7.05	< 5	50	138	< 3	< 2	4.71	< 2	28.2	19.0	100	24.4	13	2.6	1.8	0.9	10.9	16.4	2.5	4.6	0.6	< 10	< 0.2
742564	8.33	< 5	30	633	< 3	< 2	2.11	< 2	35.6	27.6	160	4.1	76	3.0	1.8	0.9	7.64	20.3	3.0	3.6	0.6	< 10	< 0.2
742565	8.42	< 5	30	523	4	< 2	1.63	< 2	36.3	5.1	40	6.1	7	1.1	0.6	0.7	2.09	24.7	2.2	1.9	< 0.2	< 10	< 0.2
742566	9.17	< 5	50	889	< 3	< 2	1.01	< 2	70.4	19.9	150	12.1	11	2.5	1.2	1.1	5.73	24.7	4.0	3.6	0.5	< 10	< 0.2
742567	7.29	< 5	30	381	< 3	< 2	1.13	< 2	35.3	4.0	40	1.8	5	1.2	0.7	0.7	2.66	19.7	1.7	2.1	< 0.2	< 10	< 0.2
742568	7.35	< 5	70	708	< 3	< 2	3.45	< 2	76.4	16.7	160	8.3	9	2.7	1.3	1.5	10.4	18.7	4.5	3.0	0.5	< 10	< 0.2
742569	8.54	< 5	30	619	< 3	< 2	2.22	< 2	15.2	4.6	< 30	4.0	2	1.3	0.6	0.7	1.99	26.3	2.0	< 0.7	0.3	< 10	< 0.2
742570	8.47	< 5	40	788	< 3	< 2	2.07	< 2	20.8	4.2	40	4.5	< 2	1.3	0.5	0.7	2.09	25.5	1.9	0.8	0.2	< 10	< 0.2
742571	8.04	< 5	30	1530	< 3	< 2	1.08	< 2	33.4	1.4	< 30	4.1	< 2	0.5	0.2	0.6	1.46	23.0	1.5	1.1	< 0.2	< 10	< 0.2
742572	8.41	< 5	30	518	< 3	< 2	3.13	< 2	8.0	9.3	120	4.4	16	0.8	0.6	0.3	2.80	24.8	1.4	1.0	0.2	< 10	< 0.2
742573	8.63	< 5	40	463	< 3	< 2	2.98	< 2	15.6	9.8	30	3.5	13	1.4	0.6	0.6	3.43	25.7	2.2	1.0	0.2	< 10	< 0.2
742574	8.52	< 5	40	493	< 3	< 2	2.39	< 2	23.0	5.3	30	4.4	6	1.1	0.6	0.6	2.06	22.5	2.1	1.6	0.2	< 10	< 0.2
742575	8.54	< 5	30	497	< 3	< 2	2.42	< 2	17.4	5.4	30	5.7	3	1.2	0.8	0.5	2.18	26.0	1.6	1.1	< 0.2	< 10	< 0.2
742576	8.70	< 5	30	410	< 3	< 2	2.35	< 2	19.6	5.6	120	23.5	6	1.0	0.5	0.6	2.13	27.7	1.6	1.3	< 0.2	< 10	< 0.2
742577	8.33	< 5	30	280	< 3	< 2	7.16	< 2	23.8	29.0	580	5.2	< 2	1.2	0.6	0.6	4.36	16.4	1.5	1.9	0.2	< 10	< 0.2
742578	8.57	< 5	20	356	4	5	2.35	< 2	10.8	6.3	40	38.7	5	1.1	0.7	0.5	2.44	26.5	1.6	1.6	0.2	< 10	< 0.2
742579	8.60	< 5	30	233	< 3	< 2	2.65	< 2	18.7	5.1	40	6.1	3	1.4	0.6	0.6	2.14	24.4	1.9	0.9	0.3	< 10	< 0.2
742580	8.02	< 5	30	58	< 3	< 2	7.09	< 2	9.2	37.2	140	2.7	6	2.9	1.7	0.6	7.18	17.1	2.6	1.8	0.5	< 10	< 0.2
742581	8.48	< 5	20	1020	< 3	< 2	2.04	< 2	5.7	2.9	50	2.8	8	0.6	0.3	0.4	1.36	18.8	1.1	1.1	< 0.2	< 10	< 0.2
742582	8.17	< 5	40	425	3	< 2	2.02	< 2	16.9	4.7	40	20.7	< 2	1.7	0.9	0.4	1.89	23.7	2.1	1.0	0.3	< 10	< 0.2
742583	8.45	< 5	30	495	< 3	< 2	1.91	< 2	7.2	2.9	40	2.5	18	0.9	0.6	0.3	1.54	25.4	1.2	0.8	< 0.2	< 10	< 0.2
742584	7.42	< 5	30	79	< 3	< 2	7.54	< 2	7.5	31.5	40	1.7	10	3.1	2.0	0.6	7.93	17.3	2.3	2.2	0.7	< 10	< 0.2
742585	7.56	9	30	842	< 3	< 2	1.33	< 2	30.1	9.2	140	5.8	41	1.5	1.0	0.6	3.14	18.0	1.6	2.1	0.3	< 10	< 0.2
742586	8.32	< 5	90	1180	< 3	4	1.10	< 2	19.1	5.8	80	15.1	24	0.8	0.4	0.4	2.08	21.5	1.0	1.4	< 0.2	10	< 0.2
742587	5.56	7	30	490	< 3	< 2	2.06	< 2	15.5	8.8	100	3.8	19	1.2	0.9	0.7	16.0	19.0	1.3	2.9	0.3	< 10	< 0.2
742588	8.56	< 5	30	295	< 3	< 2	2.61	< 2	13.7	5.4	30	21.2	20	0.8	0.3	0.5	1.94	22.2	1.1	1.1	< 0.2	10	< 0.2
742589	8.85	< 5	30	1100	< 3	< 2	1.80	< 2	35.1	15.2	130	20.9	17	1.7	0.9	0.9	4.57	23.3	1.9	1.7	0.4	10	< 0.2
742590	8.43	< 5	20	1320	< 3	< 2	2.14	< 2	72.9	12.6	90	15.6	3	1.8	1.0	1.4	4.94	21.8	3.3	2.1	0.4	< 10	< 0.2
742591	6.81	< 5	20	527	< 3	< 2	1.14	< 2	25.2	13.6	90	21.9	14	1.8	1.0	0.8	14.1	19.4	2.4	5.7	0.4	< 10	< 0.2
742592	7.97	7	40	533	< 3	< 2	2.27	< 2	28.4	20.6	140	16.4	36	2.0	1.4	0.8	7.82	19.6	2.5	2.8	0.5	< 10	< 0.2
742593	8.59	< 5	40	482	3	< 2	2.31	< 2	16.2	6.0	40	20.3	2	1.4	0.8	0.6	2.23	26.8	2.0	< 0.7	0.2	10	< 0.2
742594	8.48	< 5	20	340	< 3	< 2	2.85	< 2	25.9	5.4	50	8.0	2	1.8	0.8	0.8	2.45	24.7	2.6	1.6	0.3	< 10	< 0.2
742595	8.90	< 5	30	263	< 3	< 2	3.90	< 2	20.3	6.5	40	2.9	31	1.1	0.7	0.6	2.00	22.3	1.5	1.1	0.2	< 10	< 0.2
742596	7.60	11	20	773	< 3	< 2	1.48	< 2	37.7	10.5	160	5.6	21	1.8	1.1	0.7	3.83	17.7	2.0	1.6	0.4	< 10	< 0.2
742597	7.78	< 5	30	659	< 3	< 2	1.32	< 2	25.0	5.5	40	7.1	13	1.1	0.4	0.5	5.19	21.0	1.7	2.9	0.2	< 10	< 0.2
742598	8.34	< 5	20	805	< 3	< 2	2.06	< 2	40.1	5.6	50	2.5	10	1.5	0.6	1.0	1.79	22.2	2.5	0.7	0.2	< 10	< 0.2
742599	8.81	< 5	10	365	< 3	< 2	2.80	< 2	17.4	5.0	< 30	2.3	5	1.5	0.5	0.6	1.95	25.5	2.2	< 0.7	0.2	< 10	< 0.2
742600	8.32	< 5	20	314	< 3	< 2	1.46	< 2	20.9	6.0	40	1.8	4	1.3	0.5	0.5	1.71	23.4	1.4	1.3	< 0.2	< 10	< 0.2
745001	8.62	< 5	30	887	< 3	< 2	1.99	< 2	14.9	2.3	50	6.9	5	0.6	0.2	0.5	1.17	23.1	1.2	0.8	< 0.2	< 10	< 0.2
745002	6.82	< 5	20	51	< 3	< 2	6.19	< 2	13.5	39.6	30	0.4	25	6.1	4.3	1.1	11.9	22.5	5.3	3.3	1.3	< 10	< 0.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS-MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
745003	8.01	< 5	20	1360	< 3	3	0.95	< 2	24.2	1.6	50	12.5	3	0.4	0.2	0.5	1.10	18.7	0.9	< 0.7	< 0.2	50	< 0.2
745004	8.04	< 5	20	652	< 3	< 2	1.49	< 2	24.6	4.8	40	3.2	7	0.9	0.5	0.5	1.64	25.9	1.0	< 0.7	< 0.2	< 10	< 0.2
745005	9.99	< 5	70	1390	3	< 2	2.43	< 2	14.8	2.2	30	14.6	4	0.6	0.3	0.7	1.54	24.3	1.5	1.4	< 0.2	< 10	< 0.2
745006	8.29	< 5	30	377	< 3	< 2	2.10	< 2	19.1	4.5	40	1.1	11	1.8	0.7	0.6	1.74	24.0	2.5	1.2	0.3	< 10	< 0.2
745007	8.21	< 5	50	769	< 3	< 2	2.49	< 2	77.5	14.6	80	15.1	39	1.9	0.9	1.3	4.46	18.0	3.1	2.2	0.4	< 10	< 0.2
745008	8.04	< 5	70	631	< 3	< 2	2.31	< 2	87.6	15.8	100	20.7	39	2.1	1.1	1.2	4.73	21.7	3.6	2.2	0.4	< 10	0.9
745009	8.06	< 5	50	758	< 3	< 2	2.44	< 2	44.4	11.2	80	5.8	8	1.8	1.0	1.1	3.24	17.7	2.6	2.3	0.3	< 10	< 0.2
745010	8.03	< 5	20	726	< 3	< 2	1.75	< 2	20.2	14.3	100	6.8	7	1.1	0.8	0.6	5.86	19.1	1.3	2.5	0.2	< 10	< 0.2
745011	3.67	< 5	< 10	331	< 3	< 2	1.45	< 2	12.7	10.3	80	7.1	14	1.8	1.1	0.7	26.8	9.8	1.6	7.3	0.3	< 10	< 0.2
745012	5.53	< 5	20	258	< 3	< 2	2.48	< 2	37.4	10.6	100	9.7	20	1.7	0.8	0.8	17.1	14.7	2.7	5.7	0.4	< 10	< 0.2
745013	7.80	< 5	20	1080	8	< 2	1.25	< 2	15.4	0.7	< 30	9.6	< 2	0.6	0.3	0.4	0.89	18.3	0.8	1.3	< 0.2	< 10	< 0.2
745014	6.37	< 5	20	198	< 3	< 2	2.64	< 2	24.6	18.7	130	20.3	20	2.1	1.4	0.7	15.5	14.5	2.1	4.7	0.5	< 10	< 0.2
745015	5.95	< 5	20	503	< 3	< 2	2.07	< 2	14.8	7.9	120	3.3	16	1.6	0.8	0.7	14.0	15.4	1.4	3.6	0.3	< 10	< 0.2
745016	7.93	< 5	10	547	< 3	< 2	1.74	< 2	26.6	10.1	70	4.5	< 2	1.2	0.8	0.5	4.85	19.8	1.2	2.3	0.3	< 10	< 0.2
745017	8.45	< 5	30	1460	< 3	< 2	5.57	< 2	106	15.5	100	0.9	17	3.9	1.8	2.8	5.05	24.2	6.8	2.1	0.7	< 10	< 0.2
745018	8.36	< 5	20	599	< 3	< 2	5.18	< 2	120	21.8	80	1.0	14	3.4	1.8	2.7	5.22	21.2	7.5	2.1	0.6	< 10	< 0.2
745019	8.26	< 5	20	536	< 3	< 2	2.00	< 2	11.4	3.2	40	6.8	< 2	1.6	0.6	0.7	1.52	25.8	1.9	0.9	0.2	< 10	< 0.2
745020	7.33	< 5	10	91	< 3	< 2	7.91	< 2	6.0	55.2	110	1.3	14	1.6	1.3	0.4	8.98	16.7	1.5	1.3	0.4	< 10	< 0.2
745021	6.94	< 5	< 10	61	< 3	< 2	6.11	< 2	10.9	42.7	40	2.1	72	3.6	2.3	0.9	9.93	17.6	3.1	1.7	0.8	< 10	< 0.2
745022	8.66	< 5	10	408	< 3	< 2	2.40	< 2	15.5	5.8	< 30	9.8	11	1.1	0.6	0.5	2.01	21.8	1.1	1.0	< 0.2	< 10	< 0.2
745023	8.12	< 5	70	533	< 3	< 2	1.36	< 2	35.5	8.6	70	6.1	14	1.5	0.9	0.7	3.41	24.9	2.1	1.8	0.3	< 10	< 0.2
745024	8.08	< 5	20	613	< 3	< 2	1.45	< 2	59.2	11.5	120	5.2	28	2.3	1.4	1.1	3.24	18.4	3.0	1.7	0.5	< 10	< 0.2
745025	8.90	< 5	20	341	< 3	8	2.53	< 2	29.0	3.7	30	4.6	15	1.5	0.8	0.8	2.03	23.3	1.8	0.8	0.3	< 10	< 0.2
745026	7.80	< 5	10	56	< 3	< 2	8.87	< 2	6.3	44.8	80	1.6	19	2.3	1.6	0.6	7.81	15.2	1.9	1.7	0.5	< 10	< 0.2
745027	8.25	< 5	10	602	< 3	< 2	2.11	< 2	18.0	4.9	30	1.6	< 2	1.3	0.6	0.5	1.75	24.1	1.8	< 0.7	0.2	< 10	< 0.2
745028	8.64	< 5	10	431	< 3	< 2	2.73	< 2	29.9	7.1	30	2.5	3	1.7	0.7	0.8	2.58	27.1	2.5	0.9	0.3	< 10	< 0.2
745029	8.20	< 5	20	504	4	< 2	2.06	< 2	15.7	4.0	< 30	8.6	3	1.0	0.5	0.5	1.72	26.7	1.7	1.6	< 0.2	< 10	< 0.2
745030	8.32	< 5	60	345	< 3	< 2	1.99	< 2	18.4	4.4	30	14.1	6	1.1	0.6	0.5	1.62	24.0	1.5	1.0	0.2	< 10	< 0.2
745031	6.93	< 5	20	148	3	< 2	0.52	< 2	17.5	< 0.2	< 30	19.2	< 2	1.8	1.1	0.1	0.63	20.6	1.9	1.2	0.3	< 10	< 0.2
745032	8.85	< 5	< 10	391	< 3	< 2	2.94	< 2	19.7	6.1	30	2.5	9	1.3	0.7	0.7	2.47	25.5	2.2	1.2	0.2	< 10	< 0.2
745033	7.44	< 5	< 10	1350	< 3	< 2	1.17	< 2	8.0	4.0	30	6.6	< 2	0.7	0.3	0.4	2.00	28.2	1.2	1.1	< 0.2	< 10	< 0.2
745034	8.85	< 5	20	279	< 3	< 2	3.40	< 2	20.5	6.6	< 30	23.7	9	1.1	0.7	0.6	2.11	22.1	1.6	1.1	< 0.2	< 10	< 0.2
745035	7.02	< 5	20	931	< 3	< 2	1.36	< 2	39.4	14.1	150	4.3	39	1.5	0.9	0.7	3.47	17.5	2.2	1.5	0.4	< 10	< 0.2
745036	7.80	< 5	20	696	< 3	< 2	2.67	< 2	68.4	18.0	140	10.8	37	2.1	1.1	1.2	6.23	20.3	3.8	2.8	0.5	20	< 0.2
745037	8.46	< 5	30	1550	< 3	< 2	1.60	< 2	53.5	15.5	100	8.9	20	1.7	1.0	1.3	4.12	23.1	2.6	1.5	0.4	20	< 0.2
745038	7.89	< 5	30	911	< 3	< 2	3.03	< 2	64.0	22.7	320	4.8	29	2.6	1.1	1.2	4.99	18.7	3.7	1.7	0.5	< 10	< 0.2
745039	8.30	< 5	20	433	< 3	< 2	2.41	< 2	11.2	5.7	< 30	4.7	9	0.8	0.5	0.5	2.06	23.7	1.0	< 0.7	< 0.2	< 10	< 0.2
745040	8.59	< 5	30	441	< 3	< 2	1.99	< 2	26.2	6.5	40	5.7	15	1.2	0.5	0.8	2.13	24.1	2.0	< 0.7	0.2	< 10	< 0.2
745041	7.21	< 5	10	164	< 3	< 2	7.98	< 2	5.4	40.8	150	6.1	31	2.1	1.5	0.5	7.62	18.3	1.7	3.2	0.4	< 10	< 0.2
745042	7.84	< 5	< 10	511	< 3	< 2	1.77	< 2	13.1	3.0	50	1.6	4	0.9	0.4	0.5	1.50	23.4	1.4	0.8	< 0.2	< 10	< 0.2
745043	8.19	< 5	20	441	< 3	< 2	2.34	< 2	18.7	4.3	< 30	3.0	3	1.5	0.8	0.7	1.96	22.0	2.0	0.9	0.3	< 10	< 0.2
745044	8.50	< 5	10	362	< 3	< 2	2.38	< 2	23.8	9.5	< 30	1.6	29	1.6	0.9	0.6	2.19	26.0	1.8	1.4	0.3	< 10	< 0.2
745045	7.82	< 5	40	1200	5	14	0.94	< 2	25.8	0.9	< 30	26.4	2	0.9	0.3	0.5	0.97	21.8	1.1	1.4	< 0.2	20	< 0.2
745046	8.35	< 5	50	351	< 3	< 2	2.15	< 2	15.2	5.8	< 30	3.4	7	0.9	0.5	0.6	1.65	26.1	1.5	1.0	0.2	< 10	< 0.2
745047	7.69	< 5	10	883	< 3	< 2	1.27	< 2	6.3	1.4	< 30	3.9	3	0.4	0.1	0.3	0.91	24.2	0.6	1.7	< 0.2	< 10	< 0.2
745048	8.53	< 5	< 10	404	< 3	< 2	2.04	< 2	12.9	2.3	< 30	2.8	< 2	0.7	0.3	0.4	1.31	20.5	1.2	0.9	< 0.2	< 10	< 0.2
745049	8.30	< 5	10	691	< 3	< 2	2.23	< 2	62.3	5.9	< 30	5.0	7	1.3	0.5	1.2	1.88	22.5	3.0	1.1	0.3	< 10	< 0.2
745050	2.16	< 5	20	82	< 3	< 2	3.70	< 2	9.9	3.3	40	0.7	2	1.2	0.6	0.6	29.7	7.3	1.6	10.5	0.3	< 10	< 0.2
745101	8.43	< 5	20	676	< 3	< 2	2.55	< 2	46.9	21.7	200	22.8	21	2.3	1.2	1.1	5.47	18.5	2.9	1.9	0.4	10	< 0.2
745102	7.72	< 5	160	900	< 3	< 2	1.83	< 2	64.2	10.0	110	13.7	25	1.9	1.0	1.2	8.86	22.8	2.4	3.7	0.3	< 10	< 0.2
745103	8.11	< 5	20	678	< 3	< 2	2.97	< 2	64.9	10.6	40	1.8	15	2.2	1.2	1.1	3.41	20.3	3.1	1.7	0.5	< 10	< 0.2
745104	7.63	< 5	30	646	< 3	< 2	1.38	< 2	28.8	5.5	40	9.7	12	1.4	0.7	0.6	5.71	20.6	2.0	1.7	0.2	< 10	< 0.2

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS S-MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS S-MS- Na2O2 ppm	Ca_FUS S-MS- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS S-MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS S-MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S-MS- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS S-MS- Na2O2 ppm	In_FUS S-MS- Na2O2 ppm
745105	7.76	< 5	10	649	< 3	< 2	2.28	< 2	17.7	5.2	< 30	7.1	< 2	1.4	0.7	0.6	1.99	25.6	1.7	0.9	0.2	< 10	< 0.2
745106	7.18	< 5	10	378	< 3	< 2	1.83	< 2	19.0	4.2	< 30	6.6	< 2	1.1	0.6	0.5	1.81	21.0	1.5	1.5	0.2	< 10	< 0.2
745107	7.61	< 5	20	968	< 3	< 2	1.44	< 2	10.1	2.1	30	2.0	5	0.8	0.4	0.3	1.17	21.4	0.8	1.2	< 0.2	< 10	< 0.2
745108	6.60	< 5	10	186	< 3	< 2	6.00	< 2	10.9	38.4	< 30	1.3	33	3.3	2.4	0.8	8.93	24.8	3.3	2.5	0.8	< 10	< 0.2
745109	8.25	< 5	20	486	< 3	< 2	2.07	< 2	17.4	5.0	< 30	3.9	7	1.5	0.7	0.8	2.01	24.6	2.2	1.1	0.3	< 10	< 0.2
745110	4.41	< 5	110	302	< 3	< 2	2.05	< 2	35.1	8.3	70	7.6	5	1.3	0.7	0.8	20.1	11.2	1.9	2.8	0.2	< 10	< 0.2
745111	8.45	< 5	50	845	10	3	2.58	< 2	71.2	10.8	70	80.0	< 2	2.0	0.9	1.2	2.93	24.8	3.4	3.2	0.4	< 10	< 0.2
745112	8.74	< 5	30	1110	< 3	< 2	3.05	< 2	63.7	17.1	130	3.8	7	1.9	1.2	1.4	4.50	22.4	3.4	1.4	0.3	10	< 0.2
745113	7.33	< 5	30	761	< 3	< 2	3.55	< 2	51.7	15.0	120	1.7	28	2.0	0.9	1.1	4.51	19.4	2.5	2.0	0.4	30	< 0.2
745114	8.73	< 5	20	2010	< 3	< 2	1.10	< 2	45.8	13.7	130	2.0	41	1.9	1.2	1.1	3.85	22.1	2.6	1.0	0.3	< 10	< 0.2
745115	8.52	< 5	20	645	< 3	< 2	2.39	< 2	31.8	13.9	130	3.8	15	1.4	0.9	0.8	3.61	21.0	2.1	1.3	0.3	< 10	< 0.2
745116	8.18	< 5	< 10	1260	< 3	< 2	2.63	< 2	89.9	13.2	120	1.2	6	3.2	1.7	1.3	3.30	21.7	4.8	1.9	0.7	30	< 0.2
745117	8.49	< 5	< 10	2280	< 3	< 2	3.80	< 2	103	16.7	250	1.6	< 2	3.9	2.0	2.1	5.94	21.7	5.0	1.6	0.8	10	< 0.2
745118	7.80	< 5	20	676	< 3	< 2	2.86	< 2	57.4	16.9	140	3.7	32	2.1	1.2	1.0	5.78	22.6	3.2	3.3	0.4	< 10	< 0.2
745119	8.55	< 5	10	885	< 3	< 2	2.26	< 2	67.9	17.9	140	6.3	31	2.0	1.1	1.2	4.50	21.9	2.9	2.1	0.4	< 10	< 0.2
745120	8.22	< 5	10	321	< 3	< 2	2.04	< 2	16.9	3.5	< 30	1.6	< 2	0.6	0.1	0.5	1.73	25.1	1.0	1.1	< 0.2	< 10	< 0.2
745121	9.41	< 5	20	326	< 3	< 2	2.59	< 2	17.0	4.6	30	20.3	14	0.6	0.3	0.5	2.35	26.5	0.9	1.0	< 0.2	< 10	< 0.2
745122	8.38	< 5	10	466	< 3	< 2	2.32	< 2	22.1	6.2	< 30	1.8	4	1.2	0.7	0.5	2.35	25.6	1.9	1.0	0.2	< 10	< 0.2
745123	8.46	< 5	20	513	< 3	< 2	1.81	< 2	17.3	3.8	< 30	3.6	2	1.2	0.4	0.7	1.73	22.4	1.9	0.7	0.2	< 10	< 0.2
745124	8.46	< 5	< 10	449	< 3	< 2	2.29	< 2	13.3	4.7	30	4.9	12	0.6	0.4	0.5	2.15	23.7	1.2	0.8	< 0.2	< 10	< 0.2
745125	9.01	< 5	10	554	< 3	< 2	2.43	< 2	26.5	4.5	< 30	1.0	5	1.1	0.5	0.7	2.00	22.7	2.0	1.2	0.2	< 10	< 0.2
745126	8.33	< 5	10	486	< 3	< 2	1.95	< 2	14.7	3.5	< 30	3.7	3	0.9	0.4	0.5	1.87	20.4	1.2	1.2	< 0.2	< 10	< 0.2
745127	8.29	< 5	40	333	< 3	< 2	2.39	< 2	20.8	6.4	90	5.3	6	1.6	0.6	0.7	2.32	26.5	2.3	< 0.7	0.3	< 10	< 0.2
745128	8.20	< 5	< 10	607	< 3	< 2	2.56	< 2	66.3	10.0	60	2.4	2	1.9	0.8	1.2	2.95	24.5	3.7	1.8	0.3	< 10	< 0.2
745129	8.26	< 5	20	1030	3	< 2	0.97	< 2	17.2	1.2	< 30	3.3	< 2	0.4	0.2	0.2	0.93	20.9	0.5	0.9	< 0.2	< 10	< 0.2
745130	7.95	< 5	20	1200	< 3	< 2	1.04	< 2	16.6	1.4	< 30	10.4	< 2	0.5	0.1	0.4	1.23	19.4	1.2	1.5	< 0.2	< 10	< 0.2
745131	8.16	< 5	10	591	< 3	< 2	2.12	< 2	22.9	4.2	30	1.2	< 2	1.5	0.9	0.8	1.91	25.1	2.2	1.5	0.2	10	< 0.2
745132	8.15	< 5	10	462	< 3	< 2	2.00	< 2	16.0	4.1	< 30	3.3	6	1.6	0.8	0.5	1.95	25.4	1.8	1.2	0.3	< 10	< 0.2
745133	8.56	< 5	30	445	< 3	< 2	2.21	< 2	18.6	6.2	< 30	1.0	4	1.4	0.4	0.6	2.37	25.5	1.7	0.9	< 0.2	20	< 0.2
745134	8.34	< 5	30	539	< 3	< 2	2.18	< 2	26.9	5.4	40	5.5	5	1.3	0.7	0.6	2.14	25.3	2.0	0.9	0.2	< 10	< 0.2
745135	8.61	< 5	30	449	< 3	< 2	2.16	< 2	30.1	8.6	100	1.2	39	1.8	0.9	0.8	2.24	27.8	2.3	1.0	0.3	< 10	< 0.2
745136	8.40	< 5	50	764	< 3	< 2	1.93	< 2	16.4	5.5	50	2.3	24	0.8	0.4	0.5	2.01	25.6	1.7	< 0.7	< 0.2	< 10	< 0.2
745137	8.59	< 5	20	425	< 3	< 2	2.46	< 2	28.8	6.1	40	2.5	4	1.4	0.8	0.8	2.21	26.3	2.4	< 0.7	0.3	< 10	< 0.2
745138	8.65	< 5	30	461	< 3	< 2	2.06	< 2	14.4	4.5	50	5.7	7	1.2	0.6	0.5	1.90	26.7	1.9	0.7	0.3	< 10	< 0.2
745139	8.76	< 5	20	415	< 3	< 2	2.36	< 2	16.5	5.5	70	1.0	8	1.3	0.8	0.5	2.26	27.1	2.2	1.2	0.3	< 10	< 0.2
745140	8.48	< 5	40	554	< 3	< 2	1.97	< 2	13.6	6.3	40	1.8	3	0.8	0.6	0.5	1.97	30.2	1.4	< 0.7	< 0.2	< 10	< 0.2
745141	8.72	< 5	30	579	< 3	< 2	2.58	< 2	24.1	6.1	50	1.3	4	1.7	0.7	0.9	2.20	25.6	2.6	1.1	0.3	< 10	< 0.2
745142	8.39	< 5	20	705	< 3	< 2	1.60	< 2	24.0	4.8	40	3.7	12	0.8	0.5	0.5	1.94	24.9	1.4	0.9	< 0.2	< 10	< 0.2
745143	8.60	< 5	50	67	< 3	< 2	8.53	< 2	3.5	38.4	900	6.4	18	1.2	0.6	0.2	5.27	13.7	1.1	2.0	0.2	30	< 0.2
745144	8.36	< 5	20	1020	< 3	< 2	1.51	< 2	16.0	1.5	< 30	1.4	7	0.8	0.3	0.7	1.60	25.0	1.7	< 0.7	< 0.2	< 10	< 0.2
745145	8.68	< 5	20	1750	< 3	< 2	2.05	< 2	130	8.9	80	1.3	20	2.8	1.0	2.1	3.15	20.5	5.3	1.1	0.4	< 10	< 0.2
745146	8.80	< 5	30	801	< 3	< 2	2.24	< 2	77.9	13.3	110	2.5	24	1.8	1.0	1.5	3.38	19.5	3.7	1.3	0.4	< 10	< 0.2
745147	8.17	< 5	20	1510	< 3	< 2	1.80	< 2	52.1	11.8	100	1.4	19	1.6	0.8	0.9	4.67	22.0	2.1	1.3	0.3	< 10	< 0.2
745148	10.3	< 5	20	1590	< 3	< 2	1.88	< 2	116	18.9	110	0.9	< 2	2.5	1.4	1.5	4.75	17.2	4.2	< 0.7	0.5	< 10	< 0.2
745149	5.96	< 5	30	471	< 3	< 2	1.75	< 2	18.7	14.0	100	5.9	22	1.2	0.6	0.4	8.39	17.7	1.6	3.4	0.2	< 10	< 0.2
745150	8.50	< 5	30	766	< 3	< 2	2.57	< 2	73.9	13.4	130	6.5	29	2.0	0.8	1.4	3.90	23.0	3.2	0.9	0.3	< 10	< 0.2
745151	8.46	< 5	20	349	< 3	< 2	1.83	< 2	19.3	4.0	30	1.9	7	1.0	0.5	0.5	2.06	25.0	1.7	< 0.7	< 0.2	< 10	< 0.2
745152	8.58	< 5	20	458	< 3	< 2	2.41	< 2	22.2	6.6	30	1.8	< 2	1.4	0.8	0.8	2.64	29.5	2.2	< 0.7	0.3	< 10	< 0.2
745153	7.75	< 5	10	202	< 3	< 2	3.67	< 2	10.7	14.8	40	0.6	11	3.6	2.5	0.7	6.43	24.5	3.4	1.3	0.8	20	< 0.2
745154	8.40	< 5	20	588	< 3	< 2	1.97	< 2	8.9	5.0	90	9.5	3	0.8	0.4	0.3	1.65	27.2	1.2	< 0.7	< 0.2	< 10	< 0.2
745155	8.18	< 5	50	557	< 3	< 2	2.10	< 2	16.3	5.3	60	5.6	14	0.9	0.5	0.6	2.30	26.3	1.2	0.9	< 0.2	< 10	< 0.2
745156	8.56	< 5	40	642	< 3	< 2	2.08	< 2	15.3	5.3	40	2.5	16	0.9	0.3	0.4	2.20	22.4	1.1	1.0	< 0.2	< 10	< 0.2

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - S-MS- Na2O2 ppm	B_FUS - MS- Na2O2 ppm	Ba_FUS - S-MS- Na2O2 ppm	Be_FUS - S-MS- Na2O2 ppm	Bi_FUS - MS- Na2O2 ppm	Ca_FUS - S- Na2O2 %	Cd_FUS - S-MS- Na2O2 ppm	Ce_FUS - S-MS- Na2O2 ppm	Co_FUS - S-MS- Na2O2 ppm	Cr_FUS - MS- Na2O2 ppm	Cs_FUS - S-MS- Na2O2 ppm	Cu_FUS - S-MS- Na2O2 ppm	Dy_FUS - S-MS- Na2O2 ppm	Er_FUS - MS- Na2O2 ppm	Eu_FUS - S-MS- Na2O2 ppm	Fe_FUS - S- Na2O2 %	Ga_FUS - S-MS- Na2O2 ppm	Gd_FUS - S-MS- Na2O2 ppm	Ge_FUS - S-MS- Na2O2 ppm	Ho_FUS - S-MS- Na2O2 ppm	Hf_FUS - MS- Na2O2 ppm	In_FUS - MS- Na2O2 ppm
745157	8.59	<5	40	303	<3	<2	2.48	<2	20.2	5.7	30	1.7	<2	0.9	0.4	0.6	2.20	24.7	1.5	<0.7	<0.2	<10	<0.2
745158	8.18	<5	30	322	<3	<2	2.21	<2	12.1	4.0	30	1.6	3	1.5	0.6	0.7	1.88	24.9	2.2	<0.7	0.3	<10	<0.2
745159	8.42	<5	30	318	<3	<2	2.43	<2	14.6	5.1	<30	3.5	<2	0.8	0.5	0.5	1.98	29.4	1.6	0.8	<0.2	<10	<0.2
745160	8.28	<5	30	940	<3	<2	1.92	<2	22.1	6.3	40	4.6	8	0.9	0.6	0.6	2.18	25.2	1.3	<0.7	<0.2	<10	<0.2
745161	8.48	<5	30	475	<3	<2	2.54	<2	18.8	4.2	40	1.0	<2	1.3	0.7	0.5	1.78	27.2	1.9	1.4	0.2	<10	<0.2
745162	8.92	<5	20	600	<3	<2	2.73	<2	15.7	10.8	70	2.6	16	1.3	0.6	0.6	2.97	24.6	1.7	<0.7	0.2	<10	<0.2
745163	8.71	<5	20	367	<3	<2	2.67	<2	15.0	6.4	50	2.7	13	1.2	0.6	0.5	2.29	23.9	1.6	0.8	0.3	<10	<0.2
745164	8.70	<5	20	528	<3	<2	2.56	<2	26.6	5.7	40	1.0	2	1.4	0.7	0.9	2.27	27.0	2.5	1.1	0.3	<10	<0.2
745165	7.83	<5	30	1070	<3	<2	0.90	<2	13.6	1.8	40	10.2	7	0.6	0.2	0.5	1.07	21.9	1.0	0.8	<0.2	<10	<0.2
745166	8.31	<5	20	1370	<3	<2	1.46	<2	34.8	15.3	180	10.9	32	1.5	0.8	0.6	4.91	27.8	1.7	1.5	0.3	<10	<0.2
745167	8.50	<5	30	904	<3	<2	1.79	<2	23.9	2.1	40	13.9	3	0.5	0.2	0.6	1.29	24.7	1.4	1.4	<0.2	<10	<0.2
745168	8.45	<5	10	487	<3	<2	2.17	<2	18.8	5.2	30	1.4	9	1.0	0.4	0.6	1.95	25.1	1.2	0.9	<0.2	<10	<0.2
745169	8.63	<5	50	650	<3	<2	1.43	<2	44.5	35.0	190	11.9	60	3.4	2.0	0.9	9.38	23.0	3.7	2.9	0.8	<10	<0.2
745170	8.12	<5	20	690	<3	<2	3.19	<2	68.1	17.1	150	6.7	23	2.1	0.8	1.4	5.69	20.1	3.3	2.2	0.4	<10	<0.2
745171	8.48	<5	20	807	<3	<2	2.32	<2	31.0	12.8	130	13.3	22	1.1	0.5	0.8	4.61	26.5	1.8	1.4	0.2	<10	<0.2
745172	2.27	<5	30	25	<3	<2	2.75	<2	38.7	3.3	60	0.9	20	0.9	0.6	0.5	>30.0	11.7	1.5	3.8	<0.2	<10	<0.2
745173	8.67	<5	20	1080	<3	<2	2.06	<2	45.7	15.4	130	39.0	33	1.6	1.0	1.2	4.32	21.5	2.7	1.1	0.4	<10	<0.2
745174	8.52	<5	10	1570	<3	<2	1.93	<2	37.1	11.5	140	3.1	34	1.6	0.9	1.0	3.83	21.4	2.0	1.1	0.3	<10	<0.2
745175	6.43	<5	20	226	<3	<2	2.49	<2	47.1	12.0	110	8.1	6	1.7	0.8	1.1	12.6	17.2	2.8	3.4	0.4	<10	<0.2
745176	8.70	<5	20	590	<3	<2	1.98	<2	46.7	13.0	110	3.0	19	1.8	1.0	1.0	3.32	22.0	2.1	2.3	0.3	<10	<0.2
745177	8.81	<5	30	1490	<3	<2	2.10	<2	76.3	11.4	120	4.6	17	2.0	1.0	1.4	3.27	23.8	3.3	1.3	0.3	<10	<0.2
745178	8.36	<5	40	693	<3	<2	2.39	<2	88.7	15.9	140	3.8	17	2.1	1.3	1.4	3.36	22.9	3.4	1.6	0.4	<10	<0.2
745179	8.62	<5	10	703	<3	<2	2.14	<2	23.7	10.7	120	3.4	9	1.5	0.9	1.0	3.35	22.2	2.1	1.8	0.3	<10	<0.2
745180	8.97	<5	80	568	<3	<2	2.68	<2	84.0	14.3	120	6.1	35	2.0	1.1	1.3	4.27	24.1	3.0	1.0	0.3	<10	<0.2
745181	8.41	<5	20	734	<3	<2	2.54	<2	29.6	13.4	120	3.9	45	1.4	0.8	0.9	4.32	22.9	1.7	1.9	0.3	<10	<0.2
745182	8.67	<5	20	680	<3	<2	2.34	<2	36.8	11.8	120	2.0	20	1.6	0.7	0.9	3.44	22.1	2.0	1.4	0.3	<10	<0.2
745183	8.03	<5	30	1360	<3	<2	1.44	<2	27.8	11.5	130	5.7	16	1.5	0.9	0.8	2.94	22.3	1.9	1.1	0.3	<10	<0.2
745184	8.44	<5	20	845	<3	<2	2.55	<2	54.7	12.1	120	3.4	18	1.6	1.0	1.3	2.91	21.0	2.9	1.4	0.4	<10	<0.2
745185	7.85	<5	20	1230	<3	<2	3.35	<2	108	7.5	70	2.4	5	2.7	1.2	2.2	2.68	23.5	5.0	1.8	0.5	<10	<0.2
745186	8.56	<5	<10	296	<3	<2	2.26	<2	14.7	4.8	30	1.2	<2	0.8	0.4	0.4	1.85	24.2	1.2	1.0	<0.2	<10	<0.2
745187	7.96	<5	10	943	<3	<2	1.49	<2	5.8	0.9	40	0.7	<2	0.3	0.2	0.2	0.75	25.7	0.7	<0.7	<0.2	<10	<0.2
745188	8.98	<5	10	299	<3	<2	2.83	<2	22.3	6.7	30	0.9	<2	1.6	0.8	0.7	2.45	27.2	2.2	<0.7	0.3	<10	<0.2
745189	8.10	<5	<10	331	<3	<2	1.85	<2	18.2	3.4	30	2.4	2	1.1	0.5	0.5	1.38	24.1	1.4	<0.7	<0.2	<10	<0.2
745190	8.24	<5	10	597	<3	<2	1.97	<2	16.2	6.3	50	2.7	<2	0.9	0.5	0.5	2.03	25.3	1.1	<0.7	<0.2	<10	<0.2
745191	8.35	<5	10	872	<3	<2	2.02	<2	13.3	4.8	30	2.0	13	1.1	0.5	0.5	1.83	28.0	1.7	<0.7	0.2	<10	<0.2
745192	8.68	<5	<10	345	<3	<2	2.32	<2	16.1	5.5	30	3.4	<2	1.1	0.5	0.5	2.01	24.8	1.7	0.8	0.2	<10	<0.2
745193	9.82	<5	<10	680	<3	<2	2.43	<2	24.5	4.6	70	2.7	2	1.2	0.5	0.6	2.18	31.7	1.8	<0.7	<0.2	<10	<0.2
745194	7.98	<5	<10	1210	<3	<2	2.52	<2	29.0	4.7	50	3.9	18	1.0	0.5	0.6	1.71	21.6	1.7	1.2	0.2	<10	<0.2
745195	8.76	<5	20	554	4	<2	2.19	<2	7.9	7.2	110	37.6	9	1.1	0.8	0.5	3.05	27.9	1.2	1.1	0.3	<10	<0.2
745196	8.92	<5	20	868	<3	<2	1.08	<2	71.2	19.1	210	7.2	14	3.1	1.6	1.2	5.22	25.6	4.0	1.5	0.6	<10	<0.2
745197	7.78	<5	10	836	<3	<2	1.35	<2	58.6	14.2	190	6.3	15	2.4	1.3	1.1	4.42	24.0	3.3	1.6	0.5	<10	<0.2
745198	8.04	<5	<10	764	<3	<2	1.52	<2	47.1	12.1	180	47.1	14	2.2	1.0	0.8	4.23	20.9	3.1	1.3	0.5	<10	<0.2
745199	8.37	<5	10	807	<3	<2	2.33	<2	69.2	5.7	30	3.8	8	1.7	0.8	1.3	2.36	27.4	3.2	0.8	0.3	<10	<0.2
745200	8.34	<5	<10	354	<3	<2	2.08	<2	27.7	4.5	<30	2.7	<2	1.1	0.6	0.7	1.97	23.4	2.2	<0.7	<0.2	<10	<0.2
745201	9.02	<5	<10	322	<3	<2	2.58	<2	24.0	6.4	50	1.1	8	1.0	0.5	0.6	2.31	25.8	1.9	<0.7	0.2	<10	<0.2
745202	8.68	<5	<10	575	<3	<2	2.45	<2	12.2	5.7	30	1.5	25	0.8	0.3	0.5	2.09	27.7	1.4	<0.7	0.2	<10	<0.2
745203	8.30	<5	10	838	<3	<2	1.75	<2	45.6	4.9	40	3.5	5	1.1	0.4	0.8	1.89	27.8	2.1	1.1	<0.2	<10	<0.2
745204	8.39	<5	10	1020	<3	<2	1.69	<2	68.2	5.4	90	2.2	7	1.3	0.5	1.1	2.13	25.5	2.6	0.9	0.2	<10	<0.2
745205	8.30	<5	<10	258	<3	<2	2.18	<2	22.4	6.1	<30	1.1	<2	1.3	0.6	0.6	2.01	29.8	2.0	<0.7	<0.2	<10	<0.2
745206	10.0	<5	10	932	<3	<2	2.16	<2	16.1	4.4	<30	5.0	21	1.2	0.5	0.6	1.68	33.5	1.7	1.0	0.2	<10	<0.2
745207	8.36	<5	<10	349	<3	<2	2.32	<2	19.5	6.5	40	1.0	<2	1.4	0.5	0.7	2.17	28.5	2.1	1.0	0.2	<10	<0.2
745208	8.19	<5	<10	337	<3	<2	1.86	<2	16.9	3.1	<30	0.7	<2	0.4	0.1	0.5	1.56	25.8	1.6	0.9	<0.2	10	<0.2

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - S-MS- Na2O2 ppm	B_FUS - MS- Na2O2 ppm	Ba_FUS - S-MS- Na2O2 ppm	Be_FUS - S-MS- Na2O2 ppm	Bi_FUS - MS- Na2O2 ppm	Ca_FUS - S- Na2O2 %	Cd_FUS - S-MS- Na2O2 ppm	Ce_FUS - S-MS- Na2O2 ppm	Co_FUS - S-MS- Na2O2 ppm	Cr_FUS - MS- Na2O2 ppm	Cs_FUS - S-MS- Na2O2 ppm	Cu_FUS - S-MS- Na2O2 ppm	Dy_FUS - S-MS- Na2O2 ppm	Er_FUS - MS- Na2O2 ppm	Eu_FUS - S-MS- Na2O2 ppm	Fe_FUS - S- Na2O2 %	Ga_FUS - S-MS- Na2O2 ppm	Gd_FUS - S-MS- Na2O2 ppm	Ge_FUS - S-MS- Na2O2 ppm	Ho_FUS - S-MS- Na2O2 ppm	Hf_FUS - MS- Na2O2 ppm	In_FUS - MS- Na2O2 ppm
745209	8.90	< 5	< 10	369	< 3	< 2	2.08	< 2	21.1	8.4	< 30	2.1	53	1.3	0.6	0.5	2.50	26.0	1.6	< 0.7	0.2	< 10	< 0.2
745210	8.72	< 5	< 10	649	< 3	< 2	1.98	< 2	29.0	6.1	40	2.1	14	1.4	0.7	0.8	1.67	28.6	2.0	0.9	0.3	< 10	< 0.2
745211	8.81	< 5	10	268	< 3	< 2	1.99	< 2	21.4	8.5	< 30	9.9	4	0.9	0.4	0.5	2.19	26.8	1.6	1.2	< 0.2	< 10	< 0.2
745212	8.01	< 5	< 10	625	< 3	< 2	1.24	< 2	8.7	1.8	30	1.9	< 2	0.4	0.2	0.4	1.06	28.0	0.7	0.8	< 0.2	< 10	< 0.2
745213	8.53	< 5	< 10	613	< 3	< 2	2.11	< 2	19.0	4.7	< 30	1.7	< 2	1.1	0.5	0.6	1.93	25.9	1.9	1.0	< 0.2	< 10	< 0.2
745214	8.47	< 5	30	805	< 3	< 2	1.48	< 2	45.0	9.3	110	5.3	18	1.8	0.8	1.0	3.83	23.0	2.5	1.4	0.3	< 10	< 0.2
745215	8.32	< 5	10	845	< 3	< 2	3.36	< 2	56.2	10.6	110	3.5	19	1.7	0.8	1.5	3.03	25.7	2.7	1.8	0.3	< 10	< 0.2
745216	9.01	< 5	70	976	< 3	< 2	1.64	< 2	46.5	15.7	130	8.4	14	2.0	1.2	1.0	4.06	26.3	3.0	1.9	0.4	< 10	< 0.2
745217	6.50	< 5	50	642	< 3	< 2	1.61	< 2	23.0	12.5	90	9.0	4	1.3	0.6	0.6	11.2	17.0	1.4	2.1	0.2	< 10	< 0.2
745218	8.42	< 5	< 10	1850	< 3	< 2	2.00	< 2	139	11.2	70	4.7	11	3.1	1.3	2.5	3.05	21.4	5.1	1.7	0.6	< 10	< 0.2
745219	8.58	< 5	< 10	727	< 3	< 2	2.19	< 2	47.6	14.8	110	4.3	26	1.5	0.8	1.1	3.47	22.8	1.9	1.5	0.3	< 10	< 0.2
745220	8.59	< 5	< 10	1210	< 3	< 2	1.82	< 2	35.4	10.0	150	6.8	20	1.6	1.0	1.1	3.82	23.2	1.5	1.2	0.3	< 10	< 0.2
745221	7.39	< 5	30	330	4	< 2	0.49	< 2	30.8	1.0	< 30	43.4	24	1.8	1.2	0.2	1.02	23.2	1.2	1.5	0.4	< 10	< 0.2
745222	8.53	< 5	20	613	< 3	< 2	2.30	< 2	28.0	10.6	110	8.1	27	1.2	0.8	0.9	3.95	23.9	1.6	1.1	0.3	< 10	< 0.2
745223	8.71	< 5	< 10	1110	< 3	< 2	1.90	< 2	24.6	9.7	140	60.7	22	1.6	1.0	0.9	6.11	25.5	1.4	1.7	0.3	< 10	< 0.2
745224	9.17	< 5	< 10	590	< 3	< 2	3.34	< 2	78.7	25.5	140	6.2	98	2.3	1.1	1.5	4.64	22.5	3.2	1.3	0.4	< 10	< 0.2
745225	8.71	< 5	< 10	762	< 3	< 2	2.13	< 2	50.9	11.0	110	6.5	14	1.9	0.9	1.2	3.59	22.0	2.2	1.2	0.3	< 10	< 0.2
745226	8.94	< 5	< 10	589	< 3	< 2	2.67	< 2	65.3	13.3	120	5.5	38	1.8	1.0	1.4	3.77	22.1	2.4	1.3	0.4	20	< 0.2
745227	8.58	< 5	130	896	< 3	< 2	1.01	< 2	77.2	14.6	130	7.7	17	2.2	1.0	1.5	4.72	23.1	2.8	1.5	0.4	< 10	< 0.2
745228	8.88	< 5	< 10	794	< 3	< 2	2.60	< 2	15.6	9.8	120	11.2	18	1.3	1.0	0.9	3.70	23.3	1.4	0.9	0.3	10	< 0.2
745229	7.82	< 5	20	1110	< 3	< 2	1.71	< 2	44.9	10.4	100	5.4	22	1.5	1.0	1.0	5.86	23.5	1.2	1.6	0.4	< 10	< 0.2
745230	8.37	< 5	< 10	1200	< 3	< 2	2.61	< 2	143	12.4	70	4.3	22	2.8	1.1	2.4	3.09	18.0	4.8	1.8	0.5	< 10	< 0.2
745231	8.39	< 5	< 10	1760	< 3	< 2	1.92	< 2	86.2	10.6	70	4.8	9	2.5	1.1	2.1	3.09	22.1	4.0	1.3	0.4	< 10	< 0.2
745232	8.81	< 5	< 10	889	3	< 2	2.08	< 2	40.9	10.5	110	36.3	20	1.9	0.8	1.1	3.31	23.7	2.7	0.9	0.3	20	< 0.2
745233	7.56	< 5	< 10	588	< 3	< 2	4.14	< 2	72.4	19.1	140	12.3	52	2.2	0.9	1.9	4.23	21.1	2.7	1.7	0.4	10	< 0.2
745234	8.73	< 5	< 10	830	< 3	< 2	2.92	< 2	70.4	17.4	130	6.2	3	2.1	1.0	1.4	6.93	24.6	3.0	2.3	0.4	< 10	< 0.2
745235	8.68	< 5	< 10	568	< 3	< 2	2.42	< 2	68.5	16.1	130	6.9	38	2.1	1.1	1.5	3.21	21.2	3.0	1.7	0.4	< 10	< 0.2
745236	7.62	< 5	< 10	825	< 3	< 2	1.34	< 2	19.5	10.8	160	10.1	27	1.4	1.1	0.7	3.88	17.4	1.2	1.3	0.4	< 10	< 0.2
745237	7.05	< 5	< 10	486	< 3	< 2	1.86	< 2	40.5	10.0	150	7.2	19	1.9	1.3	0.8	3.57	17.3	1.8	2.0	0.4	10	< 0.2
745238	9.46	< 5	40	898	< 3	< 2	1.34	< 2	74.1	21.2	230	15.2	25	3.5	1.8	1.4	5.78	30.0	3.8	1.9	0.7	< 10	< 0.2
745239	8.45	< 5	< 10	1030	7	< 2	1.76	< 2	42.2	5.2	40	26.1	8	1.5	0.8	1.0	1.83	25.5	2.3	1.6	0.3	< 10	< 0.2
745240	7.58	< 5	< 10	832	< 3	< 2	3.60	< 2	101	25.3	270	4.7	14	3.3	1.7	2.0	4.88	22.3	5.8	2.6	0.6	< 10	< 0.2
745241	8.13	< 5	< 10	945	< 3	< 2	1.54	< 2	15.3	2.5	30	9.4	6	0.8	0.3	0.6	1.40	21.6	1.3	< 0.7	< 0.2	10	< 0.2
745242	7.83	< 5	< 10	626	< 3	< 2	1.51	< 2	34.5	13.2	170	7.0	30	1.9	1.1	0.8	3.92	21.5	1.8	1.2	0.4	< 10	< 0.2
745243	7.25	< 5	< 10	1070	< 3	< 2	0.95	< 2	33.4	4.8	60	5.5	6	1.5	0.9	0.4	1.94	18.5	1.2	1.3	0.4	10	< 0.2
745244	8.39	< 5	10	670	< 3	< 2	1.23	< 2	51.8	13.9	170	7.9	19	2.1	1.4	1.0	4.21	23.8	3.2	1.7	0.5	< 10	< 0.2
745245	7.28	< 5	< 10	788	< 3	< 2	1.39	< 2	38.9	10.1	160	9.3	20	1.5	1.1	0.5	3.65	18.6	1.2	1.5	0.3	< 10	< 0.2
745246	8.38	< 5	< 10	746	4	< 2	2.05	< 2	46.8	16.8	250	33.2	16	2.8	1.4	1.0	5.40	24.4	2.9	2.2	0.6	< 10	< 0.2
745247	8.20	< 5	< 10	640	< 3	< 2	1.49	< 2	49.1	14.4	180	8.9	16	2.3	1.5	1.0	4.56	23.1	2.5	1.3	0.5	< 10	< 0.2
745248	7.79	< 5	< 10	581	< 3	< 2	1.60	< 2	50.2	10.8	170	6.1	23	2.4	1.3	0.8	4.20	19.5	2.2	1.4	0.4	< 10	< 0.2
745249	8.27	< 5	< 10	1760	< 3	< 2	3.77	< 2	180	36.9	220	7.5	55	5.2	2.4	3.4	5.78	24.4	9.3	2.2	0.9	20	< 0.2
745250	8.01	< 5	< 10	631	< 3	< 2	1.31	< 2	36.1	4.6	40	3.2	5	1.3	0.4	0.7	1.73	24.8	1.5	1.3	0.2	10	< 0.2
745251	9.05	< 5	< 10	339	< 3	< 2	2.52	< 2	12.4	6.1	< 30	2.8	3	0.9	0.4	0.5	2.20	26.8	1.4	< 0.7	< 0.2	< 10	< 0.2
745252	8.91	< 5	< 10	329	< 3	< 2	2.57	< 2	15.5	5.1	< 30	1.4	7	0.9	0.5	0.5	2.19	27.0	1.2	< 0.7	< 0.2	< 10	< 0.2
745253	8.87	< 5	< 10	333	< 3	< 2	2.80	< 2	14.7	5.2	30	2.1	5	0.8	0.4	0.6	2.16	28.3	1.4	< 0.7	< 0.2	< 10	< 0.2
745254	8.93	< 5	< 10	308	< 3	< 2	2.60	< 2	15.4	5.9	< 30	1.5	< 2	0.9	0.4	0.5	2.15	24.4	1.3	0.8	< 0.2	< 10	< 0.2
745255	8.98	< 5	< 10	326	< 3	< 2	2.59	< 2	12.7	4.9	50	1.7	3	0.8	0.3	0.4	2.08	25.3	1.4	< 0.7	< 0.2	< 10	< 0.2
745256	8.96	< 5	< 10	373	< 3	< 2	2.60	< 2	17.1	6.1	30	1.2	3	1.3	0.6	0.8	2.21	24.9	1.9	< 0.7	0.2	< 10	< 0.2
745257	8.98	< 5	< 10	366	< 3	< 2	2.77	< 2	21.6	5.9	40	2.7	3	0.8	0.4	0.6	2.22	28.3	1.5	< 0.7	< 0.2	< 10	< 0.2
745258	8.74	< 5	< 10	286	< 3	< 2	2.29	< 2	17.5	3.9	30	3.6	4	0.7	0.4	0.6	1.70	22.8	1.1	< 0.7	< 0.2	30	< 0.2
745259	9.23	< 5	< 10	335	< 3	< 2	2.66	< 2	23.1	6.9	30	1.3	4	1.0	0.4	0.7	2.45	29.5	1.4	0.7	< 0.2	10	< 0.2
745260	8.79	< 5	< 10	375	< 3	< 2	2.32	< 2	20.7	4.4	30	2.4	5	1.2	0.5	0.6	1.97	26.2	1.3	1.0	0.2	10	< 0.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
745261	8.12	< 5	< 10	401	< 3	< 2	2.28	< 2	17.6	4.6	< 30	4.1	16	4.8	3.0	0.9	3.02	27.4	3.5	1.0	1.0	20	< 0.2
745262	8.95	< 5	< 10	421	< 3	< 2	2.77	< 2	18.0	9.3	40	1.8	15	0.9	0.4	0.6	2.48	33.2	1.6	1.1	0.2	< 10	< 0.2
745263	8.96	< 5	< 10	480	< 3	< 2	2.23	< 2	16.0	4.6	50	6.7	9	0.8	0.6	0.6	2.09	27.8	1.2	1.0	< 0.2	< 10	< 0.2
745264	8.82	< 5	< 10	346	< 3	< 2	2.36	< 2	11.7	4.8	< 30	3.8	5	0.8	0.4	0.6	2.06	26.3	1.0	1.1	< 0.2	10	< 0.2
745265	8.54	< 5	< 10	733	< 3	< 2	1.99	< 2	20.6	4.0	< 30	2.4	< 2	0.9	0.5	0.6	1.78	26.8	1.2	0.9	< 0.2	< 10	< 0.2
745266	8.52	< 5	< 10	665	< 3	< 2	1.74	< 2	12.1	3.4	40	15.3	8	0.5	0.2	0.4	1.76	24.8	1.3	0.9	< 0.2	< 10	< 0.2
745267	7.00	< 5	< 10	59	< 3	< 2	6.55	< 2	9.8	41.3	< 30	0.3	104	5.5	3.5	0.9	9.73	20.4	4.3	1.7	1.3	< 10	< 0.2
745268	8.01	< 5	< 10	971	< 3	< 2	1.41	< 2	17.8	1.4	< 30	7.3	8	0.9	0.4	0.5	1.12	26.1	1.7	1.4	< 0.2	20	< 0.2
745269	7.56	< 5	< 10	790	< 3	< 2	1.23	< 2	6.2	12.9	140	25.3	14	1.6	1.3	0.5	3.73	22.0	1.1	1.4	0.3	< 10	< 0.2
745270	7.81	< 5	< 10	631	7	< 2	1.18	< 2	48.7	15.8	160	126	9	2.0	1.3	0.8	3.96	20.9	2.3	1.3	0.4	20	< 0.2
745271	8.84	< 5	< 10	959	4	< 2	3.26	< 2	32.3	11.4	50	9.2	12	2.3	0.9	1.6	4.18	26.4	4.0	1.2	0.4	< 10	< 0.2
745272	7.94	< 5	< 10	626	< 3	< 2	1.51	< 2	42.9	13.0	170	51.5	18	1.5	1.1	0.7	4.37	22.2	1.0	2.0	0.4	10	< 0.2
745273	8.44	< 5	< 10	1070	< 3	< 2	1.91	< 2	22.3	3.1	50	8.6	8	1.7	0.5	1.1	2.33	26.9	2.1	1.4	0.2	< 10	< 0.2
745274	7.24	< 5	< 10	766	< 3	< 2	1.52	< 2	21.3	10.2	130	7.4	13	1.4	0.9	0.7	3.36	20.0	0.9	1.0	0.3	< 10	< 0.2
745275	8.76	< 5	< 10	641	< 3	< 2	2.54	< 2	34.4	8.4	40	10.0	19	2.0	1.0	1.0	2.30	26.2	3.1	1.1	0.3	< 10	< 0.2
745276	8.25	< 5	< 10	965	< 3	< 2	1.77	< 2	12.1	2.8	30	4.7	6	0.5	0.3	0.4	1.52	26.2	0.7	0.7	< 0.2	< 10	< 0.2
745277	8.60	< 5	< 10	412	< 3	< 2	2.16	< 2	16.0	4.3	< 30	1.4	< 2	0.9	0.3	0.5	1.99	27.9	1.4	< 0.7	< 0.2	< 10	< 0.2
745278	8.83	< 5	< 10	406	< 3	< 2	2.38	< 2	13.2	5.3	< 30	1.4	12	1.1	0.7	0.6	2.13	24.4	1.2	1.2	0.2	< 10	< 0.2
745279	10.4	< 5	< 10	366	< 3	< 2	3.19	< 2	19.4	5.9	< 30	10.0	16	1.0	0.5	0.8	2.43	24.9	1.6	0.8	< 0.2	10	< 0.2
745280	8.51	< 5	< 10	378	< 3	< 2	2.27	< 2	10.3	5.5	50	2.3	3	0.5	0.2	0.3	1.99	22.8	0.9	0.9	< 0.2	< 10	< 0.2
745281	9.12	< 5	< 10	375	< 3	< 2	2.57	< 2	23.3	5.6	< 30	1.4	3	1.2	0.6	0.7	2.20	26.7	1.9	1.0	< 0.2	< 10	< 0.2
745282	8.72	< 5	< 10	326	< 3	< 2	2.41	< 2	23.0	5.6	30	7.4	5	1.0	0.5	0.6	2.16	23.6	1.5	1.3	< 0.2	< 10	< 0.2
745283	8.65	< 5	< 10	455	< 3	< 2	3.15	< 2	38.0	7.2	50	0.9	6	2.4	1.0	1.1	2.39	24.2	3.5	0.8	0.4	< 10	< 0.2
745284	8.75	< 5	< 10	389	< 3	< 2	2.76	< 2	16.8	5.3	< 30	0.8	< 2	1.3	0.5	0.6	1.96	22.9	1.6	0.7	0.2	< 10	< 0.2
745285	8.61	< 5	< 10	388	< 3	< 2	2.50	< 2	18.2	4.7	< 30	11.9	3	1.0	0.5	0.5	2.08	23.9	1.5	< 0.7	< 0.2	10	< 0.2
745286	8.71	< 5	< 10	298	< 3	< 2	2.48	< 2	6.1	4.7	30	3.8	6	0.8	0.3	0.4	1.87	24.2	1.2	< 0.7	< 0.2	< 10	< 0.2
745287	8.47	< 5	< 10	467	< 3	< 2	3.10	< 2	35.9	7.5	30	1.1	< 2	2.4	1.2	1.1	2.67	23.6	3.3	1.0	0.4	< 10	< 0.2
745288	8.43	< 5	< 10	397	< 3	< 2	2.65	< 2	16.1	4.9	< 30	1.9	< 2	1.4	0.6	0.7	2.05	24.9	1.5	< 0.7	0.3	< 10	< 0.2
745289	9.19	< 5	< 10	782	< 3	< 2	2.15	< 2	18.6	4.1	< 30	2.3	3	1.1	0.4	0.6	1.61	30.0	1.5	< 0.7	0.2	< 10	< 0.2
745290	7.80	< 5	< 10	23	6	108	0.11	< 2	4.1	0.3	< 30	25.7	4	0.9	0.4	< 0.1	0.78	37.4	1.0	3.3	< 0.2	< 10	< 0.2
745291	7.85	< 5	< 10	557	< 3	< 2	2.24	< 2	34.5	13.1	180	19.9	21	2.7	1.5	0.9	4.04	20.1	2.2	1.4	0.5	< 10	< 0.2
745292	8.94	< 5	< 10	562	< 3	< 2	2.96	< 2	35.1	5.5	< 30	2.8	7	1.4	0.6	0.7	2.42	24.5	1.1	1.1	0.3	< 10	< 0.2
745293	8.25	< 5	20	663	5	< 2	1.27	< 2	41.2	12.6	120	206	4	2.7	1.4	0.6	4.13	23.2	2.5	1.2	0.6	< 10	< 0.2
745294	8.93	< 5	< 10	814	5	4	1.50	< 2	47.6	12.9	140	138	8	1.8	0.9	0.7	4.31	22.2	1.9	2.1	0.3	< 10	< 0.2
745295	8.69	< 5	< 10	437	< 3	< 2	2.66	< 2	16.1	5.4	< 30	1.6	4	1.0	0.6	0.6	1.95	25.3	1.6	0.8	< 0.2	< 10	< 0.2
745296	8.39	< 5	< 10	879	< 3	< 2	2.26	< 2	20.5	4.2	30	2.0	6	0.8	0.4	0.6	1.67	23.3	1.2	0.8	< 0.2	< 10	< 0.2
745297	8.69	< 5	< 10	401	< 3	< 2	3.31	< 2	28.9	6.5	< 30	1.1	3	1.3	0.5	0.5	2.30	23.4	2.0	1.0	0.2	50	< 0.2
745298	8.65	< 5	< 10	249	< 3	< 2	2.84	< 2	16.7	5.8	< 30	1.9	4	0.9	0.4	0.4	2.07	26.6	1.3	< 0.7	< 0.2	< 10	< 0.2
745299	7.56	< 5	< 10	1170	< 3	< 2	0.89	< 2	16.1	1.1	< 30	8.1	5	0.4	0.2	0.4	0.96	20.7	0.9	0.9	< 0.2	< 10	< 0.2
745300	8.67	< 5	< 10	1440	< 3	< 2	2.36	< 2	102	8.2	40	4.1	22	2.4	0.9	1.9	2.82	23.7	3.7	1.0	0.4	< 10	< 0.2
745301	7.67	< 5	< 10	762	< 3	< 2	1.53	< 2	104	13.3	120	3.6	9	2.9	1.3	2.4	8.04	22.7	4.4	3.5	0.5	20	< 0.2
745302	6.10	< 5	70	242	< 3	< 2	4.75	< 2	37.2	8.7	80	2.5	22	1.3	0.9	0.8	14.0	22.7	1.7	4.2	0.3	50	< 0.2
745303	8.14	< 5	40	1040	< 3	< 2	3.74	< 2	61.9	12.6	100	5.3	11	2.1	1.0	1.3	2.68	18.2	2.3	1.6	0.4	60	< 0.2
745304	8.82	< 5	40	839	< 3	< 2	2.44	< 2	61.3	16.2	130	3.3	35	2.2	1.3	1.6	3.82	22.3	2.7	0.7	0.4	90	< 0.2
745305	8.33	< 5	20	1290	< 3	< 2	2.68	< 2	52.7	14.3	120	5.3	27	1.5	1.0	1.2	3.91	22.7	2.3	1.7	0.3	30	< 0.2
745306	8.25	< 5	20	672	< 3	< 2	2.68	< 2	53.4	12.6	130	1.7	28	1.9	1.0	1.2	3.50	20.4	3.0	1.2	0.3	< 10	< 0.2
745307	7.51	< 5	30	601	< 3	< 2	2.43	< 2	97.4	8.3	100	5.1	17	1.4	0.8	1.0	3.93	18.1	0.6	2.4	0.3	10	< 0.2
745308	7.89	< 5	70	707	< 3	< 2	1.33	< 2	72.6	10.0	120	13.1	19	1.5	0.9	1.0	3.75	22.4	1.9	1.0	0.3	< 10	< 0.2
745309	8.64	< 5	10	754	< 3	< 2	3.10	< 2	38.8	11.7	60	7.0	18	2.4	1.2	1.5	3.12	25.0	3.2	< 0.7	0.4	< 10	< 0.2
745310	9.49	< 5	40	1290	< 3	< 2	1.79	< 2	56.2	15.1	110	10.6	18	2.3	1.1	1.2	3.63	22.3	2.4	1.1	0.4	20	< 0.2
745311	8.21	< 5	40	1310	< 3	< 2	1.28	< 2	38.8	8.7	80	13.7	21	1.8	0.9	0.9	3.51	22.6	1.7	1.2	0.3	< 10	< 0.2
745312	7.82	< 5	110	813	< 3	< 2	1.26	< 2	51.2	13.4	80	14.3	9	1.4	0.8	0.8	4.98	20.4	1.3	2.3	0.3	< 10	< 0.2

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS -MS- Na2O2 ppm	B_FUS -MS- Na2O2 ppm	Ba_FUS -MS- Na2O2 ppm	Be_FUS -MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FUS -MS- Na2O2 %	Cd_FUS -MS- Na2O2 ppm	Ce_FUS -MS- Na2O2 ppm	Co_FUS -MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FUS -MS- Na2O2 ppm	Cu_FUS -MS- Na2O2 ppm	Dy_FUS -MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FUS -MS- Na2O2 ppm	Fe_FUS -MS- Na2O2 %	Ga_FUS -MS- Na2O2 ppm	Gd_FUS -MS- Na2O2 ppm	Ge_FUS -MS- Na2O2 ppm	Ho_FUS -MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
745313	8.17	< 5	< 10	544	< 3	< 2	3.15	< 2	45.1	10.8	120	5.4	50	1.6	1.0	1.2	3.12	20.0	2.7	1.0	0.3	20	< 0.2
745314	8.22	< 5	10	498	< 3	< 2	3.11	< 2	67.6	14.5	110	4.5	56	2.0	1.0	1.4	4.66	20.1	3.1	2.1	0.4	< 10	< 0.2
745315	8.67	< 5	30	1100	< 3	< 2	1.48	< 2	64.3	19.5	120	1.8	35	2.2	1.2	1.3	4.22	23.4	2.9	1.6	0.4	< 10	< 0.2
745316	8.76	< 5	10	710	< 3	< 2	2.21	< 2	68.1	17.0	120	1.9	39	2.0	1.2	1.3	3.58	22.5	3.0	1.4	0.3	< 10	< 0.2
745317	8.73	< 5	< 10	1240	< 3	< 2	3.23	< 2	63.5	15.0	130	1.4	23	2.0	1.0	1.3	4.01	21.7	2.7	1.2	0.4	10	< 0.2
745318	8.37	< 5	< 10	552	< 3	< 2	2.81	< 2	69.8	12.8	110	0.8	< 2	1.9	0.9	1.4	3.77	20.2	2.8	1.2	0.4	10	< 0.2
745319	7.74	< 5	< 10	482	4	< 2	1.58	< 2	92.5	12.4	80	3.5	18	2.0	1.1	1.6	4.67	20.5	3.4	1.3	0.4	20	< 0.2
745320	7.92	< 5	< 10	774	< 3	< 2	2.85	< 2	48.4	13.8	110	7.1	22	1.5	0.8	1.2	3.04	19.2	2.0	1.8	0.3	20	< 0.2
745321	8.06	< 5	< 10	764	< 3	< 2	2.86	< 2	41.2	10.3	100	9.8	17	1.8	0.8	0.9	3.29	18.6	1.7	0.8	0.3	100	< 0.2
745322	8.45	< 5	< 10	563	< 3	< 2	2.74	< 2	35.2	11.3	130	22.0	15	1.3	0.7	0.9	3.47	22.1	1.6	1.1	0.2	10	< 0.2
745323	8.66	< 5	< 10	700	5	< 2	2.41	< 2	49.0	15.4	120	99.8	27	1.6	0.8	1.1	3.91	22.3	1.9	1.5	0.3	< 10	< 0.2
745324	8.69	< 5	< 10	585	< 3	< 2	2.80	< 2	38.2	9.3	110	24.4	20	1.4	0.6	1.0	3.21	18.9	1.5	1.7	0.3	< 10	< 0.2
745325	8.20	< 5	< 10	1060	< 3	< 2	2.56	< 2	26.8	11.5	100	11.0	19	1.1	0.9	0.8	3.09	20.3	1.5	0.7	0.2	10	< 0.2
745326	8.68	< 5	< 10	1470	< 3	< 2	1.68	< 2	57.3	21.1	150	11.9	33	2.5	1.4	1.4	4.03	25.2	3.6	1.1	0.5	< 10	< 0.2
745327	8.32	< 5	10	1040	< 3	< 2	4.83	< 2	83.1	17.3	140	5.9	13	2.3	1.1	1.9	7.40	20.5	3.4	3.1	0.5	10	< 0.2
745328	8.09	< 5	< 10	939	< 3	< 2	3.78	< 2	74.2	18.2	140	5.3	15	2.5	1.4	1.6	4.07	20.3	3.3	1.9	0.4	< 10	< 0.2
745329	7.99	< 5	< 10	1060	< 3	< 2	1.95	< 2	74.9	9.4	90	14.8	19	1.6	0.9	1.2	3.31	21.7	2.5	< 0.7	0.3	< 10	< 0.2
745330	7.22	< 5	< 10	648	< 3	< 2	2.85	< 2	27.0	11.6	110	7.4	38	1.2	0.8	0.8	8.10	19.4	1.6	3.0	0.3	< 10	< 0.2
745331	8.35	< 5	10	987	< 3	< 2	2.87	< 2	64.2	14.1	100	35.7	22	1.8	1.1	1.3	3.62	22.4	2.2	1.4	0.3	< 10	< 0.2
745332	8.57	< 5	< 10	881	< 3	< 2	2.61	< 2	60.9	14.9	120	4.2	27	1.9	1.1	1.2	3.50	18.4	2.3	1.2	0.3	< 10	< 0.2
745333	9.13	< 5	10	1080	< 3	< 2	1.85	< 2	31.8	6.7	50	3.9	7	1.1	0.6	0.6	2.99	24.1	1.3	1.1	0.2	< 10	< 0.2
745334	8.43	< 5	< 10	716	< 3	< 2	1.92	< 2	53.6	11.8	70	5.4	29	1.4	0.8	1.0	2.54	22.1	2.2	1.7	0.2	< 10	< 0.2
745335	8.71	< 5	< 10	436	< 3	< 2	3.12	< 2	27.7	8.1	30	4.9	2	1.4	0.8	0.8	2.51	24.9	2.3	0.9	0.3	< 10	< 0.2
745336	9.55	< 5	< 10	135	< 3	< 2	2.76	< 2	18.2	5.2	40	1.6	< 2	1.5	0.7	0.6	1.90	14.0	1.6	< 0.7	0.2	< 10	< 0.2
745337	8.85	< 5	< 10	502	< 3	< 2	2.15	< 2	22.9	3.6	40	6.0	< 2	0.6	0.3	0.5	1.58	25.9	1.0	0.8	< 0.2	< 10	< 0.2
745338	8.84	< 5	< 10	336	< 3	< 2	2.94	< 2	20.9	7.4	40	1.8	3	1.8	0.9	0.8	2.46	27.4	2.2	1.8	0.3	< 10	< 0.2
745339	8.65	< 5	< 10	363	< 3	< 2	2.89	< 2	20.8	6.3	30	2.0	< 2	1.8	0.8	0.7	2.36	23.9	2.2	0.9	0.2	10	< 0.2
745340	8.39	< 5	< 10	929	< 3	< 2	2.26	< 2	26.2	4.7	50	2.6	4	0.9	0.3	0.4	1.90	23.6	0.9	0.7	< 0.2	< 10	< 0.2
745341	8.56	< 5	< 10	448	< 3	< 2	2.98	< 2	29.1	6.2	30	1.2	8	1.1	0.7	0.8	2.27	23.4	1.8	1.0	0.2	< 10	< 0.2
745342	9.01	< 5	< 10	436	< 3	< 2	3.19	< 2	27.4	6.2	< 30	2.2	< 2	1.7	0.7	0.8	2.66	26.8	2.0	0.7	0.3	< 10	< 0.2
745343	8.90	< 5	< 10	387	< 3	< 2	2.80	< 2	14.4	5.9	50	2.5	< 2	0.9	0.4	0.7	2.04	23.8	1.4	0.8	< 0.2	< 10	< 0.2
745344	8.91	< 5	< 10	432	< 3	< 2	2.56	< 2	8.4	4.8	40	1.2	4	0.5	0.4	0.3	1.97	25.0	0.9	0.9	< 0.2	< 10	< 0.2
745345	8.68	< 5	< 10	458	< 3	< 2	2.69	< 2	14.3	4.6	30	1.9	6	1.1	0.4	0.6	2.11	24.1	1.8	< 0.7	< 0.2	< 10	< 0.2
745346	8.43	< 5	< 10	376	< 3	< 2	2.45	< 2	18.0	4.5	< 30	0.9	7	0.7	0.4	0.5	1.86	20.1	1.4	< 0.7	< 0.2	< 10	< 0.2
745347	7.60	< 5	< 10	1480	< 3	< 2	0.92	< 2	29.6	1.1	< 30	5.0	< 2	0.5	0.2	0.5	0.96	17.5	1.0	0.7	< 0.2	< 10	< 0.2
745348	8.55	< 5	< 10	1090	< 3	< 2	2.43	< 2	18.6	4.0	< 30	3.9	3	0.9	0.4	0.5	1.88	22.9	1.3	< 0.7	< 0.2	< 10	< 0.2
745349	7.74	< 5	< 10	723	< 3	< 2	1.76	< 2	11.2	4.1	40	1.8	5	0.8	0.4	0.4	1.68	23.2	0.9	1.0	< 0.2	10	< 0.2
745350	8.32	< 5	< 10	614	< 3	< 2	2.32	< 2	15.7	4.1	< 30	3.5	13	0.8	0.4	0.4	1.73	24.3	1.2	1.0	< 0.2	< 10	< 0.2
745351	8.32	< 5	< 10	410	< 3	< 2	2.79	< 2	25.0	4.9	30	0.8	3	1.3	0.7	0.7	2.02	24.9	1.8	< 0.7	0.3	< 10	< 0.2
745352	8.57	< 5	< 10	449	< 3	< 2	2.97	< 2	28.1	5.3	30	1.5	5	1.9	0.8	0.8	2.13	23.1	2.7	< 0.7	0.3	< 10	< 0.2
745353	7.66	< 5	< 10	314	4	< 2	2.97	< 2	52.2	4.3	40	9.3	< 2	2.5	1.3	1.4	1.66	26.9	4.0	1.0	0.5	< 10	< 0.2
745354	8.28	< 5	< 10	371	< 3	< 2	2.28	< 2	23.7	5.9	< 30	4.2	3	1.3	0.5	0.9	2.03	22.9	2.0	0.8	0.2	< 10	< 0.2
745355	8.24	< 5	< 10	569	< 3	< 2	2.15	< 2	10.9	3.8	160	4.1	< 2	1.0	0.5	0.5	1.51	22.3	1.3	< 0.7	< 0.2	< 10	< 0.2
745356	8.36	< 5	< 10	345	< 3	< 2	2.66	< 2	20.0	5.3	40	1.5	< 2	1.3	0.5	0.7	2.04	25.3	1.8	0.9	0.3	< 10	< 0.2
745357	7.41	< 5	< 10	522	< 3	< 2	2.05	< 2	21.2	10.9	170	6.3	16	1.9	1.2	0.7	3.91	18.9	1.2	1.6	0.4	< 10	< 0.2
745358	9.91	< 5	50	1230	< 3	< 2	0.96	< 2	56.0	22.8	210	41.8	18	3.0	1.9	0.9	6.03	26.6	2.9	1.9	0.5	< 10	< 0.2
745359	7.44	< 5	10	652	< 3	< 2	1.60	< 2	47.4	11.3	170	38.4	8	2.1	1.1	1.0	3.99	21.0	1.9	1.9	0.4	< 10	< 0.2
745360	7.73	< 5	10	655	< 3	< 2	1.47	< 2	38.6	14.9	170	8.7	31	2.1	1.1	0.9	4.26	18.4	1.7	1.4	0.4	< 10	< 0.2
745361	7.39	< 5	20	845	4	< 2	1.23	< 2	41.1	9.4	140	49.1	13	2.1	1.1	0.8	3.33	19.0	2.7	1.6	0.4	< 10	< 0.2
745362	7.87	< 5	< 10	945	< 3	< 2	2.09	< 2	74.0	12.3	120	6.4	19	1.9	0.9	1.4	3.52	23.5	2.5	1.2	0.4	10	< 0.2
745363	8.30	< 5	< 10	1250	3	< 2	1.70	< 2	60.4	2.8	30	11.0	5	1.4	0.6	1.2	1.46	23.0	2.2	1.0	0.2	10	< 0.2
745364	8.57	< 5	< 10	554	< 3	< 2	2.95	< 2	21.1	4.5	< 30	4.6	3	1.3	0.8	0.9	2.32	25.3	1.4	< 0.7	0.2	< 10	< 0.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - MS- Na2O2 ppm	B_FUS - MS- Na2O2 ppm	Ba_FUS - MS- Na2O2 ppm	Be_FUS - MS- Na2O2 ppm	Bi_FUS - MS- Na2O2 ppm	Ca_FUS - S- Na2O2 %	Cd_FUS - MS- Na2O2 ppm	Ce_FUS - MS- Na2O2 ppm	Co_FUS - MS- Na2O2 ppm	Cr_FUS - MS- Na2O2 ppm	Cs_FUS - MS- Na2O2 ppm	Cu_FUS - MS- Na2O2 ppm	Dy_FUS - MS- Na2O2 ppm	Er_FUS - MS- Na2O2 ppm	Eu_FUS - MS- Na2O2 ppm	Fe_FUS - S- Na2O2 %	Ga_FUS - MS- Na2O2 ppm	Gd_FUS - MS- Na2O2 ppm	Ge_FUS - MS- Na2O2 ppm	Ho_FUS - MS- Na2O2 ppm	Hf_FUS - MS- Na2O2 ppm	In_FUS - MS- Na2O2 ppm
745365	8.02	< 5	10	644	< 3	< 2	1.86	< 2	64.6	15.2	170	9.0	24	2.7	1.8	1.2	4.57	21.2	3.3	1.5	0.6	< 10	< 0.2
745366	7.93	< 5	10	1000	< 3	< 2	3.41	< 2	108	24.3	80	53.9	29	3.7	1.9	2.2	5.27	21.9	5.4	2.3	0.7	< 10	< 0.2
745367	6.94	< 5	40	795	< 3	< 2	1.15	< 2	38.4	7.7	140	3.4	39	1.9	1.4	0.9	3.28	16.6	2.0	1.1	0.4	< 10	< 0.2
745368	9.75	< 5	6570	504	5	< 2	1.58	< 2	47.8	13.0	180	60.7	14	1.8	1.1	0.9	4.01	28.0	2.2	1.3	0.4	< 10	< 0.2
745369	7.22	< 5	110	482	< 3	< 2	5.71	< 2	94.4	44.5	470	35.0	5	3.9	2.7	2.2	7.45	19.3	6.3	2.3	0.9	< 10	< 0.2
745370	8.58	< 5	70	1010	4	< 2	1.52	< 2	77.3	3.8	30	22.4	11	1.4	0.6	1.0	1.83	26.9	2.6	1.3	0.2	< 10	< 0.2
745371	7.95	< 5	60	721	< 3	< 2	1.29	< 2	53.2	11.8	160	6.0	18	2.4	1.4	1.1	4.04	19.8	2.6	1.7	0.4	< 10	< 0.2
745372	8.21	< 5	50	1050	< 3	< 2	1.60	< 2	15.3	5.5	60	2.7	9	1.5	0.7	1.0	2.19	23.6	2.4	1.3	0.3	< 10	< 0.2
745373	8.50	< 5	40	482	< 3	< 2	2.04	< 2	8.9	5.0	40	1.3	5	1.3	0.6	0.6	2.08	24.6	1.8	< 0.7	0.2	< 10	< 0.2
745374	8.66	< 5	40	476	< 3	< 2	2.27	< 2	16.0	5.9	< 30	1.3	3	1.5	0.7	0.7	2.08	24.1	2.3	1.3	0.3	< 10	< 0.2
745375	8.09	< 5	40	886	< 3	< 2	1.46	< 2	26.3	3.1	30	2.3	7	0.8	0.4	0.7	1.31	23.8	1.8	0.8	< 0.2	< 10	< 0.2
745376	8.11	< 5	50	744	< 3	< 2	1.75	< 2	11.0	4.2	30	2.5	4	1.3	0.7	0.8	1.67	24.2	2.4	< 0.7	0.3	< 10	< 0.2
745377	8.54	< 5	40	1100	< 3	< 2	2.32	< 2	68.7	7.9	50	4.5	19	2.0	1.1	1.5	2.65	24.7	3.3	1.3	0.3	< 10	< 0.2
745378	8.40	< 5	50	705	< 3	< 2	1.46	< 2	43.9	14.0	160	7.8	21	2.5	1.2	0.9	4.42	22.3	2.4	1.5	0.4	< 10	< 0.2
745379	8.37	< 5	40	600	< 3	< 2	4.66	< 2	33.0	21.1	70	9.5	34	2.1	1.3	0.9	4.88	18.4	2.6	1.2	0.3	< 10	< 0.2
745380	8.29	< 5	40	730	< 3	< 2	2.76	< 2	29.0	8.3	90	4.1	12	1.7	0.8	0.8	3.63	23.5	1.8	1.2	0.3	< 10	< 0.2
745381	8.78	< 5	90	279	< 3	< 2	2.86	< 2	21.4	3.5	40	58.7	4	0.8	0.5	0.6	2.10	20.5	1.2	1.4	< 0.2	< 10	< 0.2
745382	7.99	< 5	50	41	< 3	< 2	8.96	< 2	7.2	43.4	160	1.3	13	2.4	1.9	0.7	7.09	16.5	2.2	1.8	0.5	< 10	< 0.2
745383	7.63	< 5	30	1280	< 3	< 2	0.81	< 2	12.7	1.6	30	2.1	8	0.9	0.5	0.4	1.03	24.7	1.1	1.4	< 0.2	< 10	< 0.2
745384	8.50	< 5	30	472	< 3	< 2	2.07	< 2	19.6	5.6	< 30	1.8	5	0.9	0.4	0.6	1.97	24.4	1.6	1.5	0.2	< 10	< 0.2
745385	8.40	< 5	70	576	< 3	< 2	2.00	< 2	13.3	5.2	< 30	1.4	5	0.8	0.4	0.5	1.87	22.8	1.7	< 0.7	< 0.2	< 10	< 0.2
745386	8.16	< 5	40	336	< 3	7	1.76	< 2	11.4	3.7	30	14.2	12	0.8	0.5	0.4	1.54	24.0	1.0	0.9	< 0.2	< 10	< 0.2
745387	5.19	< 5	30	216	< 3	< 2	0.93	< 2	8.2	0.9	< 30	27.4	28	5.3	5.8	0.4	2.39	18.0	2.3	0.9	1.6	< 10	0.3
745388	7.42	< 5	40	515	< 3	< 2	2.18	< 2	49.9	14.8	170	6.1	42	2.1	1.4	1.0	4.31	17.5	2.6	1.3	0.5	< 10	< 0.2
745389	7.13	< 5	50	929	< 3	< 2	0.44	< 2	41.8	5.7	60	5.9	8	1.6	1.2	0.3	2.01	17.2	1.4	1.1	0.3	< 10	< 0.2
745390	7.81	< 5	50	653	< 3	< 2	1.43	< 2	51.6	11.8	190	20.6	15	2.0	1.3	1.1	4.47	19.5	2.7	2.1	0.4	< 10	< 0.2
745391	8.61	< 5	40	689	< 3	< 2	1.29	< 2	55.5	19.1	210	6.0	35	2.7	1.6	1.2	4.53	21.2	3.2	1.8	0.6	< 10	< 0.2
745392	8.56	< 5	40	620	< 3	< 2	1.46	< 2	53.0	15.0	180	6.6	37	2.5	1.4	1.1	4.66	20.4	3.6	1.6	0.5	< 10	< 0.2
745393	7.57	< 5	40	565	< 3	< 2	1.60	< 2	48.8	11.2	170	5.6	43	1.7	1.2	0.9	4.38	19.3	2.2	0.9	0.4	< 10	< 0.2
745394	8.78	< 5	40	525	< 3	< 2	3.23	< 2	76.6	16.1	140	5.6	43	2.0	1.0	1.6	3.74	19.9	3.8	1.0	0.4	< 10	< 0.2
745395	9.51	< 5	40	1370	< 3	< 2	1.89	< 2	45.4	9.1	100	3.8	41	2.1	1.3	1.0	3.95	25.3	2.4	0.9	0.4	< 10	< 0.2
745396	8.16	< 5	40	510	< 3	< 2	1.90	< 2	52.6	9.9	110	7.0	38	1.5	0.7	1.2	3.58	21.2	2.8	0.9	0.3	< 10	< 0.2
745397	8.86	< 5	50	681	< 3	< 2	2.45	< 2	34.6	20.4	150	11.9	4	1.8	1.1	1.4	3.59	23.1	2.8	2.1	0.4	< 10	< 0.2
745398	8.40	< 5	30	505	< 3	< 2	2.12	< 2	32.0	9.5	110	5.3	22	1.7	0.8	1.0	3.36	20.6	1.9	0.9	0.3	< 10	< 0.2
745399	7.87	< 5	40	710	< 3	< 2	1.81	< 2	50.5	13.0	120	9.1	15	1.8	0.8	1.2	6.93	21.3	2.5	2.2	0.3	< 10	< 0.2
745400	7.97	< 5	80	883	< 3	< 2	1.04	< 2	49.1	9.8	100	8.0	29	1.6	1.0	1.0	4.58	17.2	2.5	2.2	0.3	< 10	< 0.2
745401	8.55	< 5	40	797	< 3	< 2	1.29	< 2	55.0	14.3	200	17.8	23	2.2	1.2	1.0	4.76	20.0	3.2	1.2	0.5	< 10	< 0.2
745402	8.22	< 5	40	817	< 3	< 2	1.45	< 2	31.5	5.2	< 30	4.2	9	1.2	0.5	1.0	1.80	24.1	2.5	< 0.7	< 0.2	< 10	< 0.2
745403	8.61	< 5	40	833	< 3	< 2	2.61	< 2	59.9	11.5	80	34.4	21	2.0	1.1	1.4	3.04	26.7	3.5	1.2	0.4	< 10	< 0.2
745404	7.33	< 5	40	548	< 3	< 2	1.39	< 2	53.7	10.1	190	6.2	30	1.9	1.3	0.8	4.47	17.8	2.2	1.8	0.4	< 10	< 0.2
745405	6.79	< 5	30	516	< 3	< 2	1.28	< 2	18.9	9.6	130	2.4	13	1.5	1.0	0.7	3.12	17.3	1.4	1.4	0.3	< 10	< 0.2
745406	8.27	< 5	40	668	< 3	< 2	2.10	< 2	12.9	4.5	40	2.6	5	1.0	0.5	0.5	1.93	22.2	1.4	1.4	0.2	< 10	< 0.2
745407	7.06	< 5	40	61	< 3	< 2	6.85	< 2	23.3	48.8	80	1.5	67	7.6	5.1	1.9	12.4	21.2	7.4	1.7	1.6	< 10	< 0.2
745408	8.54	< 5	40	646	< 3	< 2	1.90	< 2	19.0	4.7	90	0.9	5	1.1	0.6	0.6	1.77	22.3	1.5	0.7	< 0.2	< 10	< 0.2
745409	9.33	< 5	50	264	< 3	< 2	3.44	< 2	26.1	12.5	110	2.7	14	1.8	1.0	1.1	3.16	23.7	2.8	1.2	0.4	< 10	< 0.2
745410	8.84	< 5	50	666	< 3	< 2	2.80	< 2	78.7	15.9	120	6.5	32	2.0	1.0	1.8	3.66	21.2	3.6	1.4	0.4	< 10	< 0.2
745411	9.03	< 5	70	888	< 3	< 2	1.55	< 2	41.2	12.1	100	7.6	29	1.4	0.7	0.6	4.00	24.5	1.9	1.9	< 0.2	< 10	< 0.2
745412	8.40	< 5	40	701	< 3	< 2	2.90	< 2	63.6	12.1	110	7.5	27	1.7	1.0	1.3	3.21	20.0	2.8	1.2	0.3	< 10	< 0.2
745413	8.85	< 5	40	626	< 3	< 2	2.45	< 2	65.7	12.3	130	8.2	39	1.8	0.8	1.4	4.15	19.8	2.5	1.0	0.3	< 10	< 0.2
745414	8.78	< 5	40	908	< 3	< 2	2.16	< 2	41.3	12.6	140	6.6	24	1.4	1.0	1.0	4.12	23.5	1.9	1.1	0.3	< 10	< 0.2
745415	8.95	< 5	40	986	< 3	< 2	3.03	< 2	75.2	22.1	170	3.6	30	2.2	1.3	1.5	5.21	25.4	3.9	2.3	0.5	< 10	< 0.2
745416	7.53	< 5	50	754	< 3	< 2	1.78	< 2	48.3	16.0	110	9.0	5	1.5	0.8	1.0	6.44	17.9	2.3	1.7	0.3	< 10	< 0.2

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS S-MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS S-MS- Na2O2 ppm	Ca_FUS S-MS- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS S-MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS S-MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S-MS- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS S-MS- Na2O2 ppm	In_FUS S-MS- Na2O2 ppm
745417	8.42	< 5	40	1180	< 3	< 2	2.13	< 2	163	12.2	80	6.6	21	3.0	1.5	3.0	3.23	18.9	6.9	1.4	0.4	< 10	< 0.2
745418	8.37	< 5	50	1030	< 3	< 2	2.28	< 2	41.9	14.1	110	5.0	16	1.5	0.9	1.2	5.87	20.1	1.9	2.2	0.3	< 10	< 0.2
745419	10.3	< 5	70	814	< 3	< 2	0.82	< 2	67.2	21.3	220	15.3	30	3.0	1.8	1.0	6.09	28.2	4.1	1.3	0.7	< 10	< 0.2
745420	8.29	< 5	40	923	< 3	< 2	2.46	< 2	79.1	14.2	110	6.2	13	2.8	1.2	1.7	3.69	22.4	4.1	1.0	0.5	< 10	< 0.2
745421	8.86	< 5	50	704	< 3	< 2	2.02	< 2	66.4	10.4	130	6.4	30	1.9	1.1	1.5	4.14	22.1	2.9	1.5	0.3	< 10	< 0.2
745422	8.72	< 5	80	932	< 3	< 2	1.07	< 2	32.9	16.0	190	11.0	16	1.9	1.1	0.8	4.78	23.8	1.8	1.1	0.4	< 10	< 0.2
745423	7.95	< 5	80	1800	< 3	< 2	0.41	< 2	39.7	9.1	70	9.5	5	2.1	1.2	0.6	2.74	18.0	1.6	1.3	0.4	< 10	< 0.2
745424	8.70	< 5	50	209	< 3	< 2	7.30	< 2	11.7	34.3	320	2.4	49	2.6	1.8	0.9	3.82	18.3	2.6	1.2	0.5	< 10	< 0.2
745425	6.64	< 5	30	65	< 3	< 2	7.05	< 2	18.7	58.0	70	2.9	86	6.8	4.2	1.5	14.2	21.6	6.2	1.7	1.3	< 10	< 0.2
745426	7.06	< 5	30	67	< 3	< 2	6.77	< 2	22.0	52.3	100	2.0	124	7.5	5.3	1.7	12.6	24.5	7.3	1.7	1.6	< 10	< 0.2
745427	8.93	< 5	40	623	< 3	< 2	1.89	< 2	57.8	19.0	190	5.4	40	3.0	1.8	1.4	5.45	21.2	3.7	1.2	0.6	< 10	< 0.2
745428	9.73	< 5	70	938	< 3	< 2	0.87	< 2	57.2	23.6	220	7.1	44	2.5	1.5	1.2	5.84	27.1	3.5	1.1	0.5	40	< 0.2
745429	7.49	< 5	30	586	< 3	< 2	1.41	< 2	48.9	11.7	170	6.4	31	2.2	1.3	0.8	4.10	16.3	3.2	1.5	0.4	10	< 0.2
745430	7.13	< 5	30	665	< 3	< 2	1.38	< 2	32.5	12.8	160	3.7	36	1.8	1.4	0.7	3.69	15.3	2.1	1.3	0.4	< 10	< 0.2
745431	7.90	< 5	40	665	< 3	< 2	1.52	< 2	23.9	6.2	40	3.1	10	1.5	0.8	0.7	2.05	26.5	1.8	< 0.7	0.3	30	< 0.2
745432	8.53	< 5	40	500	< 3	< 2	1.86	< 2	15.2	5.9	30	1.8	12	0.7	0.4	0.5	2.05	23.2	1.6	< 0.7	< 0.2	< 10	< 0.2
745433	7.92	< 5	50	647	< 3	< 2	1.46	< 2	57.9	14.2	180	46.2	21	2.3	1.3	1.0	4.63	21.2	2.8	1.5	0.5	< 10	< 0.2
745434	9.10	< 5	40	1410	3	< 2	1.54	< 2	52.1	4.7	40	12.4	17	1.7	0.6	1.3	2.17	27.6	2.9	1.0	0.2	< 10	< 0.2
745435	8.09	< 5	40	618	< 3	< 2	1.22	< 2	36.8	16.1	170	7.6	24	1.7	1.1	0.7	4.53	19.3	1.8	1.0	0.3	< 10	< 0.2
745436	7.39	< 5	40	763	< 3	< 2	1.50	< 2	21.9	12.8	150	7.4	19	1.2	1.0	0.5	4.20	20.7	1.3	1.2	0.3	< 10	< 0.2
745437	7.42	< 5	40	695	< 3	< 2	2.06	< 2	45.7	15.2	160	6.6	50	2.1	1.3	1.1	4.16	17.6	2.4	1.7	0.5	< 10	< 0.2
745438	8.16	< 5	50	606	< 3	< 2	1.54	< 2	59.4	14.8	170	70.9	21	2.4	1.6	1.2	4.59	20.8	3.7	2.0	0.5	< 10	< 0.2
745439	8.63	< 5	40	573	< 3	< 2	1.53	< 2	35.2	6.9	80	5.6	14	1.6	0.9	0.8	2.98	25.5	1.9	1.2	0.3	10	< 0.2
745440	8.03	< 5	50	871	< 3	< 2	1.36	< 2	29.8	15.6	180	6.5	38	1.6	1.1	0.8	5.07	20.1	1.7	0.8	0.3	< 10	< 0.2
745441	7.30	< 5	40	669	< 3	< 2	1.45	< 2	23.7	11.5	150	5.2	16	1.4	0.9	0.7	3.99	16.9	1.3	1.5	0.3	< 10	< 0.2
745442	9.37	< 5	40	690	< 3	< 2	5.75	< 2	106	25.2	60	20.6	31	3.8	2.1	2.3	6.31	24.2	5.9	1.2	0.7	< 10	< 0.2
745443	8.40	< 5	50	2520	< 3	< 2	0.82	< 2	30.7	6.6	50	7.4	6	0.9	0.6	0.6	2.47	21.5	1.1	< 0.7	< 0.2	< 10	< 0.2
745444	10.0	< 5	190	1400	< 3	< 2	1.14	< 2	79.9	21.5	170	8.1	7	2.6	1.2	1.6	3.91	29.4	3.7	1.9	0.4	< 10	< 0.2
745445	8.29	< 5	70	700	< 3	< 2	2.11	< 2	38.9	15.4	140	13.4	46	1.4	1.0	1.0	5.07	19.9	1.8	1.7	0.3	< 10	< 0.2
745446	8.39	< 5	70	568	< 3	< 2	1.88	< 2	74.6	17.7	130	7.8	39	2.4	1.1	1.6	4.37	22.9	3.6	1.4	0.4	< 10	< 0.2
745447	7.88	< 5	40	1390	< 3	< 2	2.28	< 2	46.8	12.0	100	12.0	9	1.5	0.9	1.0	6.20	19.3	2.0	2.5	0.3	< 10	< 0.2
745448	7.13	< 5	40	919	< 3	< 2	3.25	< 2	60.5	14.0	110	8.6	7	1.8	1.1	1.6	8.76	22.4	3.7	1.5	0.3	< 10	< 0.2
745449	7.35	5	40	740	< 3	< 2	2.01	< 2	35.6	10.0	100	4.4	25	1.1	0.7	0.7	4.95	16.5	1.5	2.3	0.3	< 10	< 0.2
745450	8.31	< 5	40	1050	< 3	< 2	2.64	< 2	51.4	18.1	290	24.0	35	2.0	0.9	1.5	4.84	26.0	3.4	1.1	0.4	< 10	< 0.2
745451	8.71	< 5	70	722	5	< 2	1.83	< 2	51.8	15.1	120	42.3	7	1.9	1.5	1.1	3.73	24.0	2.8	1.4	0.5	20	< 0.2
745452	7.63	< 5	60	568	< 3	< 2	1.52	< 2	45.9	12.7	160	30.8	17	2.1	1.4	0.9	4.45	17.8	2.6	1.9	0.4	< 10	< 0.2
745453	6.88	< 5	60	129	< 3	< 2	4.48	< 2	45.3	31.2	60	2.3	57	11.0	7.4	3.2	11.3	22.5	11.5	1.4	2.2	< 10	< 0.2
745454	7.31	< 5	60	626	< 3	< 2	1.34	< 2	54.4	13.2	150	22.6	42	2.2	1.5	1.1	3.97	18.4	2.6	1.8	0.5	< 10	< 0.2
745455	9.07	< 5	50	343	< 3	< 2	1.59	< 2	18.1	55.9	140	2.4	238	2.4	1.7	0.9	5.27	11.4	2.6	2.1	0.6	< 10	< 0.2
745456	8.87	< 5	60	970	< 3	< 2	2.07	< 2	40.8	15.4	110	24.2	22	1.9	0.9	1.1	3.31	22.6	2.2	0.9	0.3	< 10	< 0.2
745457	8.52	< 5	50	746	< 3	< 2	2.32	< 2	53.4	11.7	110	5.2	27	1.8	1.0	1.2	3.50	22.0	2.8	1.4	0.4	< 10	< 0.2
745458	7.98	< 5	40	828	< 3	< 2	3.16	< 2	111	13.7	120	4.9	3	2.4	1.3	2.2	4.97	17.0	5.3	1.9	0.4	10	< 0.2
745459	6.08	< 5	50	1260	< 3	< 2	3.29	< 2	46.2	11.2	100	8.0	25	1.4	0.7	1.0	11.2	15.6	1.9	1.3	0.3	< 10	< 0.2
745460	7.14	< 5	50	703	< 3	< 2	1.74	< 2	41.7	16.6	110	8.4	22	1.6	0.9	0.9	9.95	16.3	2.6	1.6	0.3	< 10	< 0.2
745461	8.55	< 5	40	716	< 3	< 2	2.36	< 2	61.6	11.8	110	44.3	36	1.9	0.8	1.5	3.73	21.4	3.2	1.2	0.4	< 10	< 0.2
745462	8.48	< 5	40	624	< 3	< 2	2.32	< 2	45.9	11.9	110	6.0	33	1.3	0.8	1.0	3.93	19.2	2.0	1.0	0.3	< 10	< 0.2
745463	8.40	< 5	50	848	< 3	< 2	2.21	< 2	34.2	17.1	90	4.9	15	1.4	1.0	1.1	3.28	18.8	2.0	1.1	0.3	10	< 0.2
745464	8.58	< 5	30	459	< 3	< 2	2.56	< 2	40.9	7.2	60	7.6	16	1.2	0.6	1.0	2.93	22.4	1.9	1.8	0.2	< 10	< 0.2
745465	7.44	< 5	40	559	< 3	< 2	2.48	< 2	22.2	4.8	50	4.8	21	1.1	0.6	0.7	2.23	17.5	1.6	1.1	< 0.2	10	< 0.2
745466	8.71	< 5	50	1170	< 3	< 2	2.37	< 2	43.0	13.2	120	4.1	14	1.5	1.0	1.1	4.02	21.4	2.3	1.0	0.3	10	< 0.2
745467	8.24	< 5	30	1120	< 3	< 2	5.80	< 2	78.5	33.0	160	20.9	43	4.5	2.4	2.3	7.86	22.0	6.5	1.4	0.8	< 10	< 0.2
745468	9.41	< 5	50	1640	< 3	< 2	2.05	< 2	65.1	25.5	130	14.6	27	2.9	1.5	1.8	5.54	28.5	4.2	1.0	0.5	10	< 0.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FUS S- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
745469	8.09	<5	40	774	<3	<2	2.27	<2	53.1	9.9	130	6.9	29	1.4	0.8	1.1	3.77	18.0	2.1	1.8	0.2	<10	<0.2
745470	8.24	<5	40	736	<3	<2	2.27	<2	16.3	10.5	100	8.7	18	1.0	0.8	0.8	4.67	22.0	1.2	0.9	0.2	<10	<0.2
745471	8.61	<5	30	730	<3	<2	2.17	<2	69.6	14.2	120	4.9	13	2.1	0.9	1.3	4.36	22.0	3.0	1.9	0.4	20	<0.2
745472	7.86	<5	50	608	<3	<2	1.99	<2	35.6	14.8	190	7.4	26	1.9	1.2	0.7	4.87	18.7	1.7	0.9	0.4	<10	<0.2
745473	8.82	<5	30	947	<3	<2	2.48	<2	69.7	6.1	30	4.0	13	2.0	0.9	1.5	3.24	23.3	3.9	1.3	0.4	<10	<0.2
745474	7.79	<5	40	716	<3	<2	1.28	<2	43.9	14.7	160	8.9	33	2.1	1.2	0.9	4.19	18.3	2.3	1.1	0.4	<10	<0.2
745475	8.02	<5	30	372	<3	<2	2.68	<2	17.2	5.3	50	3.8	13	0.9	0.5	0.7	2.05	20.3	1.0	1.3	<0.2	<10	<0.2
745476	8.60	<5	40	491	<3	<2	3.81	<2	67.8	10.9	60	4.5	28	1.4	0.9	1.5	3.13	19.6	3.1	1.7	0.3	<10	<0.2
745477	10.4	<5	40	919	<3	<2	2.02	<2	52.8	13.0	120	40.8	26	1.6	1.0	1.3	4.30	24.6	2.8	1.1	0.4	<10	<0.2
745478	8.39	<5	50	604	<3	<2	2.07	<2	57.0	12.1	120	7.9	35	1.9	0.9	1.3	4.42	19.4	2.6	1.0	0.3	<10	<0.2
745479	8.31	<5	60	766	<3	<2	2.05	<2	61.9	11.9	120	4.3	27	1.5	0.9	1.5	3.64	23.0	2.6	0.8	0.3	<10	<0.2
745480	8.54	<5	50	788	<3	<2	2.36	<2	53.1	12.7	110	31.1	4	1.6	1.0	1.4	3.84	19.6	2.6	1.4	0.3	<10	<0.2
745481	8.44	<5	40	988	<3	<2	2.38	<2	67.4	14.9	110	9.0	22	2.0	1.1	1.3	3.21	20.7	3.0	1.1	0.4	<10	<0.2
745482	8.59	<5	30	1180	<3	<2	2.75	<2	51.7	15.2	150	17.5	12	2.1	1.1	1.9	3.87	23.0	3.7	1.2	0.4	<10	<0.2
745483	8.62	<5	30	906	<3	<2	1.61	<2	40.7	11.5	110	2.1	9	1.6	0.7	0.8	2.83	23.5	2.1	1.4	0.3	<10	<0.2
745484	7.95	<5	30	787	<3	<2	2.52	<2	63.9	19.5	170	10.2	28	2.0	0.9	1.3	5.31	21.3	3.4	1.3	0.4	<10	<0.2
745485	10.9	<5	40	1270	<3	<2	3.34	<2	131	9.7	320	6.2	25	5.6	3.2	2.3	5.22	26.1	7.0	1.8	1.1	<10	<0.2
745486	9.05	<5	40	659	<3	<2	1.95	<2	44.0	6.7	100	7.5	48	1.8	1.0	1.2	2.70	34.1	2.8	1.4	0.3	<10	<0.2
745487	8.58	<5	30	1210	<3	<2	1.57	<2	17.8	2.2	40	7.0	7	1.5	0.7	0.8	1.64	21.3	1.8	0.7	0.3	<10	<0.2
745488	8.36	<5	50	772	<3	<2	1.40	<2	36.7	14.9	220	26.8	18	1.8	1.3	0.8	5.13	18.2	2.2	1.2	0.4	<10	<0.2
745489	8.58	<5	40	1050	8	<2	1.86	<2	13.8	4.2	50	106	10	1.2	0.6	0.9	1.78	23.5	1.8	1.1	0.3	<10	<0.2
745490	9.01	<5	30	685	<3	<2	2.53	<2	48.9	9.4	210	4.7	27	1.4	0.8	1.2	3.22	21.5	2.3	1.7	0.3	30	<0.2
745491	8.27	<5	70	1310	<3	<2	1.73	<2	72.0	14.1	340	8.2	26	1.9	1.0	1.4	3.81	20.2	3.1	1.3	0.3	<10	<0.2
745492	8.15	<5	40	532	<3	<2	3.20	<2	51.7	11.1	500	5.8	25	1.6	1.0	1.0	4.17	19.5	2.5	1.2	0.3	<10	<0.2
745493	8.69	<5	70	920	<3	<2	2.16	<2	74.5	13.9	130	7.1	39	2.0	0.9	1.6	3.77	21.6	3.4	1.1	0.3	10	<0.2
745494	8.96	<5	50	473	<3	<2	1.95	<2	76.6	12.6	180	4.4	20	2.1	1.0	1.5	4.07	19.3	3.6	1.1	0.4	<10	<0.2
745495	8.94	<5	40	876	<3	<2	2.30	<2	70.4	12.7	120	2.5	30	1.8	1.3	1.7	3.84	21.9	3.7	1.6	0.4	<10	<0.2
745496	8.52	<5	40	1480	3	<2	2.31	<2	55.1	16.6	120	7.3	30	1.9	1.0	1.2	3.92	21.2	2.4	2.1	0.4	10	<0.2
745497	8.25	<5	80	1470	3	<2	1.35	<2	64.7	19.3	180	5.1	5	2.0	1.1	1.3	7.83	17.8	3.1	2.2	0.4	10	<0.2
745498	7.01	<5	40	572	<3	<2	4.08	<2	66.0	14.9	140	2.9	7	2.0	1.0	1.4	5.98	19.1	3.2	2.0	0.4	<10	<0.2
745499	7.47	<5	30	382	<3	<2	5.13	<2	75.7	16.2	150	10.6	18	2.3	1.4	1.8	10.6	17.5	4.1	4.5	0.4	20	<0.2
745500	7.73	<5	30	745	<3	<2	3.48	<2	59.1	21.9	170	7.5	17	2.3	1.2	1.2	5.18	20.6	3.4	0.9	0.5	<10	<0.2
745501	9.48	<5	40	322	<3	<2	7.10	<2	31.5	26.5	120	1.7	46	2.3	1.5	1.1	4.02	19.4	2.7	1.1	0.4	<10	<0.2
745502	7.89	<5	30	521	<3	<2	2.04	<2	61.1	13.9	140	14.3	31	2.2	1.4	1.0	3.65	20.4	3.1	1.2	0.5	20	<0.2
745503	9.09	<5	30	1030	3	<2	2.72	<2	37.6	9.3	50	5.1	36	3.5	1.9	2.4	4.10	30.5	4.0	1.1	0.7	10	<0.2
745504	8.81	<5	50	1100	<3	<2	1.98	<2	66.7	15.2	130	7.3	32	2.0	1.1	1.3	3.51	22.6	3.0	0.8	0.4	10	<0.2
745505	1.88	<5	30	12	<3	<2	2.85	<2	18.9	2.7	40	0.5	12	0.6	0.5	0.5	29.3	9.1	1.0	7.2	<0.2	<10	<0.2
745506	7.72	<5	30	1280	<3	<2	1.99	<2	53.9	14.3	110	17.5	21	1.7	1.0	1.2	4.95	17.3	2.3	1.2	0.3	<10	<0.2
745507	8.23	<5	50	762	<3	<2	2.51	<2	90.5	18.9	170	5.2	12	2.0	1.3	1.5	5.08	20.2	3.7	1.2	0.5	10	<0.2
745508	9.04	<5	40	1240	<3	<2	2.07	<2	66.9	16.0	120	2.4	30	2.0	1.2	1.3	3.84	21.8	2.8	1.6	0.4	10	<0.2
745509	10.2	8	240	208	9	<2	9.16	<2	37.6	7.0	60	3.2	14	1.5	0.8	1.2	3.63	24.6	2.3	3.4	0.3	<10	<0.2
745510	9.16	<5	30	328	<3	<2	2.78	<2	65.6	11.3	70	1.8	21	1.4	0.7	1.6	2.91	22.1	3.4	1.0	0.3	<10	<0.2
745511	8.28	<5	50	644	<3	<2	1.06	<2	46.1	3.3	100	3.7	30	1.4	0.8	0.9	2.81	22.8	1.6	<0.7	0.2	<10	<0.2
745512	8.01	<5	30	448	<3	<2	2.23	<2	37.6	5.3	80	13.3	19	0.9	0.7	0.8	3.77	22.2	1.0	1.0	0.2	<10	<0.2
745513	9.06	<5	30	383	<3	<2	2.93	<2	68.5	7.7	80	15.8	17	1.5	0.7	1.4	3.18	22.3	3.1	1.4	0.2	<10	<0.2
745514	8.41	<5	30	676	<3	<2	3.82	<2	66.0	12.4	90	3.9	24	2.0	1.4	1.7	4.04	21.9	4.0	1.1	0.4	<10	<0.2
745515	9.99	<5	30	611	<3	<2	3.57	<2	104	21.6	70	8.6	8	2.5	1.6	1.9	4.63	25.6	5.5	1.4	0.5	<10	<0.2
745516	7.99	<5	20	853	<3	<2	3.46	<2	66.0	15.2	110	50.7	15	1.9	1.0	1.3	3.42	20.6	3.3	0.7	0.4	<10	<0.2
745517	8.47	<5	40	995	<3	<2	3.48	<2	48.2	18.7	160	17.3	25	2.1	1.0	1.4	4.27	20.2	3.3	0.8	0.3	20	<0.2
745518	7.26	<5	30	552	<3	<2	3.97	<2	59.6	16.3	130	2.8	25	2.1	1.2	1.3	5.04	18.7	3.2	1.5	0.4	20	<0.2
745519	7.59	<5	40	805	<3	<2	5.06	<2	54.5	24.3	220	3.6	12	2.5	1.5	1.4	6.12	19.1	3.2	1.8	0.4	<10	<0.2
745520	7.15	<5	40	857	<3	<2	3.15	<2	23.6	11.0	120	2.9	22	1.4	1.1	0.8	5.41	20.7	1.6	1.7	0.3	<10	<0.2

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - MS- Na2O2 ppm	B_FUS - MS- Na2O2 ppm	Ba_FUS - MS- Na2O2 ppm	Be_FUS - MS- Na2O2 ppm	Bi_FUS - MS- Na2O2 ppm	Ca_FUS - S- Na2O2 %	Cd_FUS - MS- Na2O2 ppm	Ce_FUS - MS- Na2O2 ppm	Co_FUS - MS- Na2O2 ppm	Cr_FUS - MS- Na2O2 ppm	Cs_FUS - MS- Na2O2 ppm	Cu_FUS - MS- Na2O2 ppm	Dy_FUS - MS- Na2O2 ppm	Er_FUS - MS- Na2O2 ppm	Eu_FUS - MS- Na2O2 ppm	Fe_FUS - S- Na2O2 %	Ga_FUS - MS- Na2O2 ppm	Gd_FUS - MS- Na2O2 ppm	Ge_FUS - MS- Na2O2 ppm	Ho_FUS - MS- Na2O2 ppm	Hf_FUS - MS- Na2O2 ppm	In_FUS - MS- Na2O2 ppm
745521	8.70	< 5	30	695	< 3	< 2	2.46	< 2	56.1	21.0	150	8.4	9	2.3	1.2	1.2	5.43	21.0	2.7	1.3	0.4	10	< 0.2
745522	8.19	< 5	30	889	< 3	< 2	3.73	< 2	51.5	19.6	200	2.1	21	2.2	1.3	1.4	4.19	19.8	3.3	1.2	0.4	< 10	< 0.2
745523	7.50	< 5	50	1000	< 3	< 2	1.81	< 2	25.6	10.6	110	2.1	21	1.3	0.8	0.9	3.64	18.6	1.8	0.9	0.3	< 10	< 0.2
745524	7.82	< 5	30	614	< 3	< 2	4.96	< 2	59.3	17.6	140	7.8	87	4.7	2.3	2.2	7.09	19.4	6.4	1.6	0.9	< 10	< 0.2
745525	7.93	< 5	30	329	< 3	< 2	3.01	< 2	40.6	7.1	80	2.5	19	1.4	0.7	1.2	2.16	15.5	2.3	0.9	< 0.2	< 10	< 0.2
745526	8.53	< 5	30	247	< 3	< 2	3.65	< 2	68.7	11.8	80	1.6	24	1.3	0.7	1.3	2.84	21.7	3.0	0.8	0.2	< 10	< 0.2
745527	8.97	< 5	30	327	< 3	< 2	2.76	< 2	35.1	8.2	90	2.5	28	1.3	0.7	0.9	3.11	19.9	2.0	0.8	0.2	< 10	< 0.2
745528	6.01	< 5	30	572	< 3	< 2	6.77	< 2	24.1	42.6	290	1.2	24	4.2	2.1	1.9	7.41	16.7	5.9	2.0	0.8	< 10	< 0.2
745529	9.44	< 5	30	505	< 3	< 2	2.61	< 2	14.3	6.5	50	2.4	13	0.9	0.6	0.6	2.36	26.4	1.3	1.1	< 0.2	< 10	< 0.2
745530	8.61	< 5	40	433	< 3	< 2	2.14	< 2	82.8	11.4	110	5.7	29	1.9	1.1	1.7	3.93	21.0	3.3	1.0	0.4	< 10	< 0.2
745531	7.73	< 5	90	852	< 3	< 2	0.97	< 2	45.0	14.1	120	6.9	24	2.2	0.9	1.2	7.66	20.5	2.9	1.8	0.4	< 10	< 0.2
745532	8.50	< 5	< 10	1030	< 3	< 2	2.23	< 2	70.0	14.5	130	20.7	18	2.4	1.2	1.7	3.62	20.9	4.4	1.6	0.4	< 10	< 0.2
745533	2.83	< 5	30	162	< 3	< 2	1.98	< 2	22.9	6.0	50	2.7	19	1.1	0.7	0.8	26.9	11.8	1.8	3.4	0.2	< 10	< 0.2
745534	7.85	< 5	40	1540	< 3	< 2	1.16	< 2	60.8	14.7	120	5.3	12	2.4	1.0	1.1	4.80	21.3	3.2	2.5	0.4	10	< 0.2
745535	6.13	< 5	40	442	< 3	< 2	3.42	< 2	58.1	12.1	90	2.1	18	1.9	1.0	1.1	13.8	15.1	2.5	2.1	0.4	< 10	< 0.2
745536	7.99	< 5	40	894	< 3	< 2	3.01	< 2	48.7	13.3	140	1.8	19	2.1	0.9	1.3	4.11	18.1	2.6	1.4	0.3	10	< 0.2
745537	8.81	< 5	30	1370	< 3	< 2	2.92	< 2	52.3	16.9	170	1.1	28	2.0	1.3	1.2	4.86	21.6	2.8	1.1	0.4	< 10	< 0.2
745538	9.03	< 5	30	887	< 3	< 2	2.34	< 2	80.4	22.4	190	1.3	6	2.8	1.4	1.8	5.45	18.7	4.4	1.0	0.5	< 10	< 0.2
745539	7.64	< 5	30	786	< 3	< 2	3.94	< 2	45.0	13.6	140	9.3	14	1.8	1.2	1.0	8.41	18.3	2.5	2.9	0.4	< 10	< 0.2
745540	7.65	< 5	30	844	< 3	< 2	3.47	< 2	53.8	16.6	170	1.6	23	2.3	1.3	1.4	4.36	18.2	3.1	1.1	0.4	< 10	< 0.2
745541	7.41	< 5	40	844	< 3	< 2	5.08	< 2	63.0	30.2	240	2.6	50	2.4	1.5	1.4	5.89	19.1	3.8	1.9	0.5	10	< 0.2
745542	7.21	< 5	40	529	< 3	< 2	5.80	< 2	65.7	13.6	90	3.1	29	2.5	1.6	1.4	15.1	19.5	3.7	4.4	0.5	< 10	< 0.2
745543	9.01	< 5	90	556	< 3	< 2	1.16	< 2	42.6	35.8	200	4.0	89	2.9	2.1	1.1	7.08	23.0	4.1	1.3	0.6	10	< 0.2
745544	4.04	< 5	40	156	< 3	< 2	1.25	< 2	11.6	11.9	90	8.3	26	1.7	1.1	0.5	24.7	11.6	1.8	5.4	0.3	< 10	< 0.2
745545	7.99	< 5	30	512	< 3	< 2	1.58	< 2	17.5	26.2	140	2.3	39	2.5	1.5	0.7	9.69	17.6	2.3	2.5	0.5	< 10	< 0.2
745546	8.17	< 5	30	1610	< 3	< 2	1.07	< 2	60.2	2.3	40	2.8	7	1.4	0.5	1.2	1.52	20.2	3.1	< 0.7	0.2	10	< 0.2
745547	8.61	< 5	30	357	< 3	< 2	2.58	< 2	14.2	5.4	30	1.1	7	1.0	0.6	0.6	2.13	23.8	1.4	0.9	< 0.2	< 10	< 0.2
745548	8.43	< 5	30	391	< 3	< 2	2.46	< 2	25.4	5.3	< 30	0.9	5	1.0	0.4	0.6	2.26	23.8	1.4	0.7	< 0.2	< 10	< 0.2
745549	8.52	< 5	30	969	< 3	< 2	2.07	< 2	57.0	6.2	40	2.1	9	1.2	0.4	1.0	2.29	22.2	2.1	< 0.7	< 0.2	< 10	< 0.2
745551	8.25	< 5	50	1060	< 3	< 2	4.03	< 2	82.0	21.1	170	2.8	28	2.9	1.4	2.0	4.77	17.5	5.0	1.6	0.5	< 10	< 0.2
745552	8.13	< 5	40	886	< 3	< 2	3.25	< 2	36.6	17.8	170	5.0	19	1.8	1.1	0.9	4.03	20.4	2.7	1.0	0.4	< 10	< 0.2
745553	5.77	< 5	40	1050	< 3	< 2	4.43	< 2	70.7	10.3	80	3.7	66	2.2	1.1	1.7	14.3	18.7	3.9	2.6	0.4	10	< 0.2
745554	8.62	< 5	70	1200	< 3	< 2	1.17	< 2	26.9	15.6	120	5.4	28	2.4	1.4	0.8	4.18	20.1	2.6	1.3	0.4	< 10	< 0.2
745555	8.87	< 5	40	1130	< 3	< 2	3.67	< 2	85.6	21.2	150	3.9	12	2.4	1.3	1.8	4.87	20.2	4.4	0.9	0.5	< 10	< 0.2
745556	8.25	< 5	30	502	< 3	< 2	2.73	< 2	62.5	12.1	60	1.9	19	1.8	0.8	1.3	2.71	19.5	3.4	1.1	0.3	< 10	< 0.2
745557	7.54	< 5	40	667	< 3	< 2	2.00	< 2	30.0	9.4	80	4.5	19	1.5	0.8	0.9	3.36	18.4	1.5	1.3	0.3	< 10	< 0.2
745558	8.65	< 5	100	845	< 3	< 2	1.57	< 2	66.5	13.9	130	6.0	26	2.0	1.0	1.4	4.23	20.2	3.6	1.7	0.4	< 10	< 0.2
745559	9.25	< 5	60	738	< 3	< 2	1.98	< 2	74.6	12.7	130	6.2	26	2.1	0.9	1.4	5.05	20.2	3.6	2.0	0.4	< 10	< 0.2
745560	8.75	< 5	50	1310	< 3	< 2	1.38	< 2	32.1	12.0	110	4.3	12	1.7	1.0	1.1	3.47	19.7	2.0	1.5	0.3	< 10	< 0.2
745561	9.21	< 5	40	1910	< 3	< 2	2.30	< 2	67.6	16.3	120	14.8	4	1.7	0.9	1.5	6.54	21.4	3.2	1.9	0.2	< 10	< 0.2
745562	7.49	< 5	30	561	< 3	< 2	2.18	< 2	67.0	11.0	110	10.5	14	2.0	1.2	1.5	9.70	18.0	3.8	2.2	0.4	20	< 0.2
745563	8.47	< 5	40	937	< 3	< 2	2.06	< 2	44.6	15.0	150	143	21	1.8	0.9	1.2	4.08	21.4	2.7	1.0	0.3	< 10	< 0.2
745564	7.55	< 5	30	287	< 3	< 2	3.16	< 2	36.7	11.0	110	3.7	27	1.8	1.0	1.0	7.26	20.7	2.4	2.1	0.3	< 10	< 0.2
745565	9.36	< 5	30	342	< 3	< 2	2.66	< 2	53.4	13.2	130	1.5	22	1.5	0.9	1.5	3.27	24.2	2.8	0.9	0.2	< 10	< 0.2
745566	6.95	< 5	30	183	< 3	< 2	1.30	< 2	27.7	9.7	70	1.9	22	1.2	0.8	0.7	2.14	14.7	2.2	0.8	0.2	< 10	< 0.2
745567	8.41	< 5	70	542	< 3	< 2	1.55	< 2	31.2	10.3	70	5.0	8	1.3	0.8	0.8	3.84	21.7	1.8	1.6	0.3	< 10	< 0.2
745568	8.71	< 5	40	558	< 3	< 2	1.33	< 2	24.7	10.8	120	4.4	15	1.5	1.0	1.3	3.25	21.6	2.3	1.3	0.3	10	< 0.2
745569	9.31	< 5	50	822	< 3	< 2	2.39	< 2	41.6	15.4	130	38.2	21	1.7	1.0	1.2	4.02	24.3	2.4	1.3	0.3	< 10	< 0.2
745570	8.64	< 5	30	1160	< 3	< 2	1.45	< 2	67.1	17.4	130	5.1	33	1.8	1.1	1.2	3.92	22.9	3.5	1.2	0.4	< 10	< 0.2
745571	8.75	< 5	30	865	< 3	< 2	1.63	< 2	25.6	15.7	130	7.8	9	1.5	0.9	0.9	4.25	21.7	1.4	1.4	0.3	< 10	< 0.2
745572	7.09	< 5	20	812	< 3	< 2	1.20	< 2	68.1	11.0	70	4.6	6	1.9	0.9	1.2	11.2	15.1	3.1	1.7	0.3	< 10	< 0.2
745573	7.16	< 5	90	681	4	< 2	1.68	< 2	70.8	13.4	100	123	23	2.0	1.1	1.4	9.64	16.8	3.4	2.8	0.4	< 10	< 0.2

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
745574	8.54	< 5	30	980	< 3	< 2	3.00	< 2	71.5	18.2	190	31.1	24	2.4	1.0	1.6	5.08	23.6	4.1	1.2	0.4	< 10	< 0.2	
745575	8.34	< 5	110	1610	< 3	< 2	1.27	< 2	37.6	14.0	100	6.6	20	1.6	1.0	0.8	4.80	17.9	1.9	1.1	0.3	< 10	< 0.2	
745576	8.67	< 5	40	870	< 3	< 2	3.45	< 2	78.2	24.1	220	2.3	37	2.6	1.3	1.8	4.88	19.2	4.7	1.7	0.5	< 10	< 0.2	
745577	5.86	< 5	30	1030	< 3	< 2	1.87	< 2	56.9	9.5	110	11.4	16	1.7	1.1	1.1	16.7	12.1	2.6	4.9	0.4	< 10	< 0.2	
745578	9.28	< 5	90	2100	5	< 2	1.55	< 2	30.1	18.1	110	20.6	10	1.3	1.1	0.7	8.84	20.9	1.3	5.3	0.3	< 10	< 0.2	
745579	9.03	< 5	30	1120	< 3	< 2	3.07	< 2	94.0	24.4	150	4.8	36	3.2	1.7	2.2	5.38	21.9	6.4	2.0	0.6	< 10	< 0.2	
745580	9.13	< 5	40	1530	< 3	< 2	2.02	< 2	68.1	15.1	120	5.1	32	2.3	1.1	1.4	3.90	21.9	3.0	1.5	0.4	< 10	< 0.2	
745581	9.55	< 5	60	810	< 3	< 2	2.26	< 2	25.7	15.3	180	36.5	17	1.7	1.1	1.3	3.51	20.7	1.7	1.3	0.4	< 10	< 0.2	
745582	8.38	< 5	30	831	< 3	< 2	2.77	< 2	43.8	9.2	120	10.0	20	1.2	0.6	1.0	3.54	18.6	2.0	1.2	0.3	< 10	< 0.2	
745583	8.42	< 5	40	737	< 3	< 2	2.59	< 2	54.7	12.0	110	10.9	15	1.5	1.0	1.1	3.86	17.9	2.7	1.5	0.3	< 10	< 0.2	
745584	0.47	< 5	20	13	< 3	< 2	0.98	< 2	4.4	1.5	< 30	0.5	17	0.4	0.2	0.3	23.5	3.9	0.4	1.4	< 0.2	< 10	< 0.2	
745585	8.57	< 5	30	1010	< 3	< 2	2.23	< 2	41.1	13.8	120	3.4	14	1.7	1.0	1.2	3.63	19.3	2.1	1.2	0.3	< 10	< 0.2	
PTM-1a Meas		2140								> 5000			> 10000											
PTM-1a Cert		2200								20500.00			249600.00											
PTM-1a Meas		2190								> 5000			> 10000											
PTM-1a Cert		2200								20500.00			249600.00											
PTM-1a Meas		2220								> 5000			> 10000											
PTM-1a Cert		2200								20500.00			249600.00											
PTM-1a Meas		2200								> 5000			> 10000											
PTM-1a Cert		2200								20500.00			249600.00											
NIST 696 Meas	> 25.0										350													
NIST 696 Cert	28.9										321.0													
NIST 696 Meas	> 25.0										320													
NIST 696 Cert	28.9										321.0													
NIST 696 Meas	> 25.0																							
NIST 696 Cert	28.9																							
NIST 696 Meas	> 25.0																							
NIST 696 Cert	28.9																							
Oreas 74a (Fusion) Meas		49								582	1780		1210				13.8							
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.00				13.7							
Oreas 74a (Fusion) Meas		52								552	1790		1180				13.4							
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.00				13.7							
Oreas 74a (Fusion) Meas		56								556	1850		1160				13.6							
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.00				13.7							
Oreas 74a (Fusion) Meas		51								572	1780		1210				13.2							
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.00				13.7							
OREAS 101a (Fusion) Meas									1280	47.4			415	30.4	19.6	8.1	11.5		36.5		6.2			
OREAS 101a (Fusion) Cert									1400	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46			
OREAS 101a (Fusion) Meas									1350	47.1			433	31.5	19.0	7.7	11.5		27.3		6.5			
OREAS 101a (Fusion) Cert									1400	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46			

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
OREAS 101a (Fusion) Meas									1310	48.6			430	31.0	18.7	8.1	11.2		36.0		6.3		
OREAS 101a (Fusion) Cert									1400	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46		
OREAS 101a (Fusion) Meas																	11.1						
OREAS 101a (Fusion) Cert																	11.06						
NCS DC86303 Meas													367										
NCS DC86303 Cert													350										
NCS DC86303 Meas													359										
NCS DC86303 Cert													350										
NCS DC86303 Meas													347										
NCS DC86303 Cert													350										
NCS DC86304 Meas													1790										
NCS DC86304 Cert													1680										
NCS DC86304 Meas													1760										
NCS DC86304 Cert													1680										
NCS DC86304 Meas													1750										
NCS DC86304 Cert													1680										
NCS DC86314 Meas													2920										
NCS DC86314 Cert													2830										
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NCS DC86314 Meas													2840										
NCS DC86314 Cert													2830										
NCS DC86313 Meas																							> 5000
NCS DC86313 Cert																							10880
NCS DC86313 Meas																							> 5000
NCS DC86313 Cert																							10880
NCS DC86313 Meas																							> 5000
NCS DC86313																							10880

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS-MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FUS S- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
Cert																								
NCS DC86313 Meas					> 5000																			
NCS DC86313 Cert					10880																			
CZN-4 Meas	0.07	353						2650		95.4			4040											
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.0000											
CZN-4 Meas	0.07	354						2660		93.5			4020											
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.0000											
CZN-4 Meas	0.07	376						2750		97.5			4170											
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.0000											
CZN-4 Meas	0.07	374						2680		97.1			4120											
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.0000											
OREAS 183 (Fusion ICP) Meas										223														
OREAS 183 (Fusion ICP) Cert										222.0000														
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 10000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			255700																					
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 10000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			255700																					
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 10000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			255700																					
OREAS 922 (Peroxide Fusion) Meas	7.42			495		10	0.44		92.8	20.5	110	7.9	2210	6.1	3.0	1.4	5.76	20.9	6.5		1.1	< 10	0.4	
OREAS 922 (Peroxide Fusion) Cert	7.59			481		11	0.49		88.0	20.9	90	7.5	2220	5.75	3.38	1.52	5.71	21.2	6.94		1.20	5.93	0.3	
OREAS 922 (Peroxide Fusion) Meas	7.64						0.46										5.69							
OREAS 922 (Peroxide Fusion) Cert	7.59						0.49										5.71							
OREAS 922 (Peroxide Fusion) Meas	7.51						0.48										5.66							

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
OREAS 922 (Peroxide Fusion) Cert	7.59						0.49										5.71						
OREAS 922 (Peroxide Fusion) Meas	7.70						0.45										5.62						
OREAS 922 (Peroxide Fusion) Cert	7.59						0.49										5.71						
OREAS 621 (Peroxide Fusion) Meas	6.65	76		2510	< 3	4	2.04	272	52.6	28.3	60	3.2	3520				3.77	23.8					1.9
OREAS 621 (Peroxide Fusion) Cert	6.63	85		2610	2	4	2.00	295	52.0	31.4	50	3.6	3680				3.71	26.5					1.9
OREAS 621 (Peroxide Fusion) Meas	6.68	84		2730	< 3	4	1.75	282	52.5	30.8	70	3.6	3700				3.85	28.5					2.0
OREAS 621 (Peroxide Fusion) Cert	6.63	85		2610	2	4	2.00	295	52.0	31.4	50	3.6	3680				3.71	26.5					1.9
OREAS 621 (Peroxide Fusion) Meas	6.72	75		2650	< 3	4	1.93	287	55.5	30.9	70	3.5	3680				3.83	27.3					2.3
OREAS 621 (Peroxide Fusion) Cert	6.63	85		2610	2	4	2.00	295	52.0	31.4	50	3.6	3680				3.71	26.5					1.9
OREAS 621 (Peroxide Fusion) Meas	6.62						2.04										3.79						
OREAS 621 (Peroxide Fusion) Cert	6.63						2.00										3.71						
CCU-1e Meas	0.14	1160						81		316			> 10000				> 30.0						
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7						
CCU-1e Meas	0.14	1130						77		317			> 10000				> 30.0						
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7						
CCU-1e Meas	0.14	1140						77		317			> 10000				> 30.0						
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7						
CCU-1e Meas	0.14	1080						75		308			> 10000				> 30.0						
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7						
OREAS 680 (Peroxide Fusion) Meas	7.01	125		707		< 2	5.88	8	40.5	339	2120	4.3	9210	3.3	1.8	1.2	11.8	18.6	4.3		0.7		
OREAS 680 (Peroxide Fusion) Cert	7.19	120		649		1.66	5.80	8.18	38.7	334	2140	3.94	9040	3.07	1.74	1.30	11.9	16.5	3.77		0.580		
OREAS 680 (Peroxide Fusion) Meas	7.30	119		672		< 2	5.86	8	40.4	327	2060	3.9	9050	3.1	1.6	1.5	12.0	17.2	4.1		0.7		
OREAS 680 (Peroxide Fusion) Cert	7.19	120		649		1.66	5.80	8.18	38.7	334	2140	3.94	9040	3.07	1.74	1.30	11.9	16.5	3.77		0.580		
OREAS 680 (Peroxide Fusion) Meas	7.22						5.87										11.8						
OREAS 680 (Peroxide Fusion) Cert	7.19						5.80										11.9						
OREAS 680 (Peroxide Fusion)	7.09						5.88										11.8						

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
Meas																								
OREAS 680 (Peroxide Fusion) Cert	7.19						5.80										11.9							
OREAS 139 (Peroxide Fusion) Meas	3.73	327			3	7	1.26	290	54.4	26.4		3.5	272		1.6		12.0	10.0						0.7
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0		3.21	274		1.69		11.9	10.2						0.690
OREAS 139 (Peroxide Fusion) Meas	3.71	333			3	7	1.27	291	51.7	24.1		3.8	277		1.9		11.6	9.9						0.6
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0		3.21	274		1.69		11.9	10.2						0.690
OREAS 139 (Peroxide Fusion) Meas	3.63	322			3	7	1.22	276	51.2	25.2		3.2	269		1.5		11.6	11.5						0.7
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0		3.21	274		1.69		11.9	10.2						0.690
OREAS 139 (Peroxide Fusion) Meas	3.75	331			3	7	1.24	286	47.6	24.9		3.2	268		1.6		11.8	10.9						0.6
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0		3.21	274		1.69		11.9	10.2						0.690
OREAS 624 (Peroxide Fusion) Meas	4.25	119		1030		21	1.55	126	35.1	271		1.3	> 10000				16.4	24.2						3.6
OREAS 624 (Peroxide Fusion) Cert	4.32	115		1070		21.3	1.49	133	32.9	273		1.32	30800				16.3	22.1						4.14
OREAS 624 (Peroxide Fusion) Meas	4.16	117		1110		22	1.46	138	32.6	266		1.3	> 10000				16.1	22.1						4.3
OREAS 624 (Peroxide Fusion) Cert	4.32	115		1070		21.3	1.49	133	32.9	273		1.32	30800				16.3	22.1						4.14
OREAS 624 (Peroxide Fusion) Meas	4.19	117		1080		22	1.39	136	30.9	278		1.4	> 10000				16.5	25.2						4.2
OREAS 624 (Peroxide Fusion) Cert	4.32	115		1070		21.3	1.49	133	32.9	273		1.32	30800				16.3	22.1						4.14
OREAS 624 (Peroxide Fusion) Meas	4.13	123		1060		22	1.41	134	32.2	270		1.4	> 10000				16.0	22.9						4.0
OREAS 624 (Peroxide Fusion) Cert	4.32	115		1070		21.3	1.49	133	32.9	273		1.32	30800				16.3	22.1						4.14
OREAS 124 (Peroxide Fusion) Meas	4.53			1060	< 3		0.05		47.9		70			3.0	1.7	1.2	1.55	11.0	3.6		0.6	< 10		
OREAS 124 (Peroxide Fusion) Cert	4.62			1020	1.83		0.0880		47.6		51.0			2.82	1.60	1.15	1.56	10.5	3.47		0.580	6.22		
OREAS 124 (Peroxide Fusion) Meas	4.49			1060	< 3		0.02		46.9		80			2.9	2.0	1.2	1.51	11.1	3.6		0.6	< 10		
OREAS 124	4.62			1020	1.83		0.0880		47.6		51.0			2.82	1.60	1.15	1.56	10.5	3.47		0.580	6.22		

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
(Peroxide Fusion) Cert																								
OREAS 124 (Peroxide Fusion) Meas	4.58						0.08										1.52							
OREAS 124 (Peroxide Fusion) Cert	4.62						0.0880										1.56							
OREAS 124 (Peroxide Fusion) Meas	4.63						0.04										1.55							
OREAS 124 (Peroxide Fusion) Cert	4.62						0.0880										1.56							
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0							
AMIS 0346 (Peroxide Fusion) Cert																	44.3							
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0							
AMIS 0346 (Peroxide Fusion) Cert																	44.3							
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0							
AMIS 0346 (Peroxide Fusion) Cert																	44.3							
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0							
AMIS 0346 (Peroxide Fusion) Cert																	44.3							
NCS DC73520 Meas		6				7		< 2		13.1	70		43								5.8			
NCS DC73520 Cert		5				7		0.5		12.9	20		46								6.0			
NCS DC73520 Meas																								
NCS DC73520 Cert																								
NCS DC73520 Meas																								
NCS DC73520 Cert																								
NCS DC73520 Meas																								
NCS DC73520 Cert																								
OREAS 148 (Peroxide Fusion) Meas	5.34	55		1040	41	19	0.89		836		90	321	329	6.9	2.1	7.5	3.05	29.3	15.9		1.0	< 10	5.1	
OREAS 148 (Peroxide Fusion) Cert	5.37	59		1010	39	19	0.90		795		70	311	351	6.1	2.0	7.2	3.06	29.2	15.8		0.9	4	4.2	
OREAS 148 (Peroxide Fusion)	5.31						0.64										3.02							

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
Meas																								
OREAS 148 (Peroxide Fusion) Cert	5.37						0.90										3.06							
OREAS 148 (Peroxide Fusion) Meas	5.37						0.82										3.08							
OREAS 148 (Peroxide Fusion) Cert	5.37						0.90										3.06							
OREAS 148 (Peroxide Fusion) Meas	5.31						0.88										3.05							
OREAS 148 (Peroxide Fusion) Cert	5.37						0.90										3.06							
742560 Orig	8.82	< 5	40	684	< 3	< 2	1.84	< 2	42.1	30.3	180	3.9	37	3.1	2.0	1.0	5.93	21.4	3.3	1.6	0.7	< 10	< 0.2	
742560 Dup	8.77	< 5	30	680	< 3	< 2	1.80	< 2	40.9	30.1	180	4.4	36	3.0	1.9	1.1	5.93	20.9	3.4	2.5	0.7	< 10	< 0.2	
742570 Orig	8.47	< 5	40	788	< 3	< 2	2.07	< 2	20.8	4.2	40	4.5	< 2	1.3	0.5	0.7	2.09	25.5	1.9	0.8	0.2	< 10	< 0.2	
742570 Dup	8.20	< 5	30	814	< 3	< 2	2.08	< 2	21.3	4.5	30	4.6	2	1.4	0.7	0.7	2.05	23.6	1.9	1.1	0.2	< 10	< 0.2	
742580 Orig	8.02	< 5	30	58	< 3	< 2	7.09	< 2	9.2	37.2	140	2.7	6	2.9	1.7	0.6	7.18	17.1	2.6	1.8	0.5	< 10	< 0.2	
742580 Dup	8.12	< 5	20	56	< 3	< 2	7.15	< 2	8.9	37.5	150	2.4	10	2.9	1.5	0.6	7.22	20.0	2.3	2.1	0.7	< 10	< 0.2	
742590 Orig	8.43	< 5	20	1320	< 3	< 2	2.14	< 2	72.9	12.6	90	15.6	3	1.8	1.0	1.4	4.94	21.8	3.3	2.1	0.4	< 10	< 0.2	
742590 Dup	8.44	< 5	30	1290	< 3	< 2	2.11	< 2	72.7	13.2	100	16.2	4	2.0	1.0	1.3	4.87	20.3	3.5	2.2	0.3	30	< 0.2	
742600 Split	8.06	< 5	30	306	< 3	< 2	1.43	< 2	21.1	5.6	30	1.8	6	0.9	0.4	0.5	1.75	20.1	1.1	1.1	0.2	< 10	< 0.2	
742600 Orig	8.32	< 5	20	314	< 3	< 2	1.46	< 2	20.9	6.0	40	1.8	4	1.3	0.5	0.5	1.71	23.4	1.4	1.3	< 0.2	< 10	< 0.2	
742600 Dup	8.29	< 5	10	323	< 3	< 2	1.44	< 2	20.7	5.2	40	1.8	3	1.2	0.5	0.5	1.71	23.2	1.7	< 0.7	< 0.2	< 10	< 0.2	
745010 Orig	8.03	< 5	20	726	< 3	< 2	1.75	< 2	20.2	14.3	100	6.8	7	1.1	0.8	0.6	5.86	19.1	1.3	2.5	0.2	< 10	< 0.2	
745010 Dup	8.03	< 5	20	739	< 3	< 2	1.75	< 2	20.2	13.3	110	6.5	5	1.1	0.9	0.6	5.93	18.2	1.0	1.4	0.3	< 10	< 0.2	
745020 Orig	7.33	< 5	10	91	< 3	< 2	7.91	< 2	6.0	55.2	110	1.3	14	1.6	1.3	0.4	8.98	16.7	1.5	1.3	0.4	< 10	< 0.2	
745020 Dup	7.39	< 5	10	96	< 3	< 2	7.92	< 2	6.8	56.7	110	1.5	16	1.5	1.1	0.4	8.99	14.2	1.5	1.2	0.4	< 10	< 0.2	
745030 Orig	8.32	< 5	60	345	< 3	< 2	1.99	< 2	18.4	4.4	30	14.1	6	1.1	0.6	0.5	1.62	24.0	1.5	1.0	0.2	< 10	< 0.2	
745030 Dup	8.33	< 5	30	322	3	< 2	1.94	< 2	18.0	3.9	< 30	13.4	11	1.1	0.5	0.4	1.63	23.1	1.6	0.9	0.2	< 10	< 0.2	
745040 Orig	8.59	< 5	30	441	< 3	< 2	1.99	< 2	26.2	6.5	40	5.7	15	1.2	0.5	0.8	2.13	24.1	2.0	< 0.7	0.2	< 10	< 0.2	
745040 Dup	8.55	< 5	20	444	< 3	< 2	1.98	< 2	28.1	5.9	30	6.3	7	1.2	0.5	0.6	2.13	24.7	1.7	0.8	0.2	< 10	< 0.2	
745050 Split	2.12	< 5	20	71	< 3	< 2	3.61	< 2	10.2	3.5	40	0.8	7	1.1	0.6	0.7	29.6	8.1	1.5	7.8	0.2	< 10	< 0.2	
745050 Orig	2.16	< 5	20	82	< 3	< 2	3.70	< 2	9.9	3.3	40	0.7	2	1.2	0.6	0.6	29.7	7.3	1.6	10.5	0.3	< 10	< 0.2	
745050 Dup	2.00	< 5	20	83	< 3	< 2	3.40	< 2	10.1	3.5	50	1.0	3	1.1	0.9	0.5	27.5	7.4	1.5	11.1	0.3	< 10	< 0.2	
745120 Orig	8.22	< 5	10	321	< 3	< 2	2.04	< 2	16.9	3.5	< 30	1.6	< 2	0.6	0.1	0.5	1.73	25.1	1.0	1.1	< 0.2	< 10	< 0.2	
745120 Dup	8.33	< 5	< 10	323	< 3	< 2	2.14	< 2	17.4	3.7	< 30	1.7	< 2	0.5	0.3	0.4	1.69	24.9	0.9	0.8	< 0.2	< 10	< 0.2	
745130 Orig	7.95	< 5	20	1200	< 3	< 2	1.04	< 2	16.6	1.4	< 30	10.4	< 2	0.5	0.1	0.4	1.23	19.4	1.2	1.5	< 0.2	< 10	< 0.2	
745130 Dup	8.05	< 5	30	1180	< 3	< 2	1.21	< 2	18.1	1.3	40	10.4	4	0.7	0.4	0.5	1.24	23.2	1.0	0.9	< 0.2	< 10	< 0.2	
745140 Orig	8.48	< 5	40	554	< 3	< 2	1.97	< 2	13.6	6.3	40	1.8	3	0.8	0.6	0.5	1.97	30.2	1.4	< 0.7	< 0.2	< 10	< 0.2	
745140 Dup	8.26	< 5	40	559	< 3	< 2	1.95	< 2	13.4	6.0	40	2.1	4	0.9	0.6	0.6	1.97	27.4	1.6	< 0.7	0.2	< 10	< 0.2	
745149 Orig	5.96	< 5	30	471	< 3	< 2	1.75	< 2	18.7	14.0	100	5.9	22	1.2	0.6	0.4	8.39	17.7	1.6	3.4	0.2	< 10	< 0.2	
745149 Dup	5.91	< 5	20	473	< 3	< 2	1.73	< 2	18.6	12.8	80	5.8	22	1.2	0.7	0.4	8.38	15.0	1.4	3.0	0.3	< 10	< 0.2	
745150 Split	8.55	< 5	30	787	< 3	< 2	2.63	< 2	75.6	14.2	130	7.0	30	1.7	1.0	1.7	3.82	22.1	3.2	1.6	0.3	< 10	< 0.2	
745164 Orig	8.70	< 5	20	528	< 3	< 2	2.56	< 2	26.6	5.7	40	1.0	2	1.4	0.7	0.9	2.27	27.0	2.5	1.1	0.3	< 10	< 0.2	
745164 Dup	8.61	< 5	20	521	< 3	< 2	2.56	< 2	26.0	5.9	40	1.0	2	1.6	0.8	0.8	2.25	23.2	2.4	< 0.7	0.3	< 10	< 0.2	
745169 Orig	8.63	< 5	50	650	< 3	< 2	1.43	< 2	44.5	35.0	190	11.9	60	3.4	2.0	0.9	9.38	23.0	3.7	2.9	0.8	< 10	< 0.2	
745169 Dup	8.64	< 5	50	634	< 3	< 2	1.48	< 2	44.1	33.9	190	12.5	58	3.4	2.2	1.2	9.44	26.3	3.7	2.2	0.7	< 10	< 0.2	
745184 Orig	8.44	< 5	20	845	< 3	< 2	2.55	< 2	54.7	12.1	120	3.4	18	1.6	1.0	1.3	2.91	21.0	2.9	1.4	0.4	< 10	< 0.2	
745184 Dup	8.54	< 5	20	832	< 3	< 2	2.58	< 2	55.4	12.5	130	3.4	14	1.5	0.8	1.0	2.96	20.9	2.5	1.2	0.3	< 10	< 0.2	
745194 Orig	7.98	< 5	< 10	1210	< 3	< 2	2.52	< 2	29.0	4.7	50	3.9	18	1.0	0.5	0.6	1.71	21.6	1.7	1.2	0.2	< 10	< 0.2	

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - S-MS- Na2O2 ppm	B_FUS - MS- Na2O2 ppm	Ba_FUS - S-MS- Na2O2 ppm	Be_FUS - S-MS- Na2O2 ppm	Bi_FUS - MS- Na2O2 ppm	Ca_FUS - S- Na2O2 %	Cd_FUS - S-MS- Na2O2 ppm	Ce_FUS - S-MS- Na2O2 ppm	Co_FUS - S-MS- Na2O2 ppm	Cr_FUS - MS- Na2O2 ppm	Cs_FUS - S-MS- Na2O2 ppm	Cu_FUS - S-MS- Na2O2 ppm	Dy_FUS - S-MS- Na2O2 ppm	Er_FUS - MS- Na2O2 ppm	Eu_FUS - S-MS- Na2O2 ppm	Fe_FUS - S- Na2O2 %	Ga_FUS - S-MS- Na2O2 ppm	Gd_FUS - S-MS- Na2O2 ppm	Ge_FUS - S-MS- Na2O2 ppm	Ho_FUS - S-MS- Na2O2 ppm	Hf_FUS - MS- Na2O2 ppm	In_FUS - MS- Na2O2 ppm
745194 Dup	7.77	< 5	20	1190	< 3	< 2	2.55	< 2	29.7	5.0	50	3.5	24	0.9	0.6	0.6	1.70	23.3	1.7	0.9	0.3	< 10	< 0.2
745200 Split Orig	8.34	< 5	< 10	354	< 3	< 2	2.08	< 2	27.7	4.5	< 30	2.7	< 2	1.1	0.6	0.7	1.97	23.4	2.2	< 0.7	< 0.2	< 10	< 0.2
745200 Split	8.48	< 5	< 10	348	< 3	< 2	2.10	< 2	28.2	4.6	40	3.2	< 2	1.0	0.6	0.7	2.03	24.7	2.0	0.7	0.2	< 10	< 0.2
745204 Orig	8.39	< 5	10	1020	< 3	< 2	1.69	< 2	68.2	5.4	90	2.2	7	1.3	0.5	1.1	2.13	25.5	2.6	0.9	0.2	< 10	< 0.2
745204 Dup	8.46	< 5	20	996	< 3	< 2	1.64	< 2	65.3	6.2	40	2.2	6	1.2	0.5	1.0	2.12	26.5	2.3	< 0.7	0.2	< 10	< 0.2
745214 Orig	8.47	< 5	30	805	< 3	< 2	1.48	< 2	45.0	9.3	110	5.3	18	1.8	0.8	1.0	3.83	23.0	2.5	1.4	0.3	< 10	< 0.2
745214 Dup	8.43	< 5	30	821	< 3	< 2	1.63	< 2	52.5	9.0	110	5.0	19	1.9	1.0	1.0	3.87	21.1	2.5	1.8	0.4	< 10	< 0.2
745224 Orig	9.17	< 5	< 10	590	< 3	< 2	3.34	< 2	78.7	25.5	140	6.2	98	2.3	1.1	1.5	4.64	22.5	3.2	1.3	0.4	< 10	< 0.2
745224 Dup	9.36	< 5	< 10	592	< 3	< 2	3.32	< 2	77.2	27.2	160	7.2	106	2.5	0.9	1.7	4.66	22.0	3.7	1.2	0.4	< 10	< 0.2
745234 Orig	8.73	< 5	< 10	830	< 3	< 2	2.92	< 2	70.4	17.4	130	6.2	3	2.1	1.0	1.4	6.93	24.6	3.0	2.3	0.4	< 10	< 0.2
745234 Dup	8.79	< 5	< 10	814	< 3	< 2	2.91	< 2	69.8	17.9	120	6.0	3	2.3	1.4	1.4	6.86	25.8	3.5	2.6	0.4	< 10	< 0.2
745244 Orig	8.39	< 5	10	670	< 3	< 2	1.23	< 2	51.8	13.9	170	7.9	19	2.1	1.4	1.0	4.21	23.8	3.2	1.7	0.5	< 10	< 0.2
745244 Dup	8.38	< 5	< 10	676	< 3	< 2	1.26	< 2	51.0	14.5	180	8.0	21	2.4	1.1	0.9	4.24	21.5	3.1	1.9	0.4	< 10	< 0.2
745250 Split Orig	8.01	< 5	< 10	631	< 3	< 2	1.31	< 2	36.1	4.6	40	3.2	5	1.3	0.4	0.7	1.73	24.8	1.5	1.3	0.2	10	< 0.2
745250 Split	8.11	< 5	< 10	631	< 3	< 2	1.33	< 2	35.9	4.5	40	3.5	5	1.1	0.6	0.6	1.71	28.6	1.5	0.8	< 0.2	< 10	< 0.2
745254 Orig	8.93	< 5	< 10	308	< 3	< 2	2.60	< 2	15.4	5.9	< 30	1.5	< 2	0.9	0.4	0.5	2.15	24.4	1.3	0.8	< 0.2	< 10	< 0.2
745254 Dup	8.90	< 5	< 10	309	< 3	< 2	2.67	< 2	15.4	5.7	< 30	1.6	< 2	0.9	0.3	0.6	2.17	27.6	1.3	1.0	< 0.2	< 10	< 0.2
745274 Orig	7.24	< 5	< 10	766	< 3	< 2	1.52	< 2	21.3	10.2	130	7.4	13	1.4	0.9	0.7	3.36	20.0	0.9	1.0	0.3	< 10	< 0.2
745274 Dup	7.25	< 5	< 10	806	< 3	< 2	1.52	< 2	22.0	10.8	160	7.6	14	1.3	0.8	0.7	3.36	21.4	1.0	0.8	0.3	10	< 0.2
745282 Orig	8.72	< 5	< 10	326	< 3	< 2	2.41	< 2	23.0	5.6	30	7.4	5	1.0	0.5	0.6	2.16	23.6	1.5	1.3	< 0.2	< 10	< 0.2
745282 Dup	8.72	< 5	< 10	342	< 3	< 2	2.43	< 2	22.8	6.6	40	8.0	6	1.1	0.4	0.7	2.15	26.1	1.2	0.7	< 0.2	< 10	< 0.2
745294 Orig	8.93	< 5	< 10	814	5	4	1.50	< 2	47.6	12.9	140	138	8	1.8	0.9	0.7	4.31	22.2	1.9	2.1	0.3	< 10	< 0.2
745294 Dup	8.83	< 5	310	803	5	4	1.55	< 2	51.3	13.6	150	139	8	2.0	1.3	0.8	4.30	23.3	2.2	1.7	0.4	10	< 0.2
745299 Orig	7.56	< 5	< 10	1170	< 3	< 2	0.89	< 2	16.1	1.1	< 30	8.1	5	0.4	0.2	0.4	0.96	20.7	0.9	0.9	< 0.2	< 10	< 0.2
745299 Dup	7.81	< 5	< 10	1170	< 3	< 2	0.89	< 2	16.0	1.1	< 30	7.8	3	0.6	0.2	0.5	0.95	22.6	1.1	1.1	< 0.2	10	< 0.2
745300 Split Orig	8.67	< 5	< 10	1440	< 3	< 2	2.36	< 2	102	8.2	40	4.1	22	2.4	0.9	1.9	2.82	23.7	3.7	1.0	0.4	< 10	< 0.2
745300 Split	8.76	< 5	< 10	1380	< 3	< 2	2.36	< 2	94.5	7.9	30	4.8	25	2.0	0.8	1.7	2.84	24.7	3.7	1.4	0.3	10	< 0.2
745312 Orig	7.82	< 5	110	813	< 3	< 2	1.26	< 2	51.2	13.4	80	14.3	9	1.4	0.8	0.8	4.98	20.4	1.3	2.3	0.3	< 10	< 0.2
745312 Dup	7.94	< 5	100	796	< 3	< 2	1.29	< 2	51.2	13.1	90	14.9	8	1.4	0.7	1.0	4.99	21.1	1.6	1.6	0.4	10	< 0.2
745318 Orig	8.37	< 5	< 10	552	< 3	< 2	2.81	< 2	69.8	12.8	110	0.8	< 2	1.9	0.9	1.4	3.77	20.2	2.8	1.2	0.4	10	< 0.2
745318 Dup	8.50	< 5	< 10	554	< 3	< 2	2.73	< 2	67.9	12.1	110	1.0	< 2	2.1	1.1	1.4	3.86	20.5	2.6	1.3	0.3	30	< 0.2
745331 Orig	8.35	< 5	10	987	< 3	< 2	2.87	< 2	64.2	14.1	100	35.7	22	1.8	1.1	1.3	3.62	22.4	2.2	1.4	0.3	< 10	< 0.2
745331 Dup	8.73	< 5	30	993	3	< 2	3.10	< 2	69.2	13.4	100	34.2	24	2.1	1.1	1.3	3.80	21.9	2.1	1.7	0.4	< 10	< 0.2
745338 Orig	8.84	< 5	< 10	336	< 3	< 2	2.94	< 2	20.9	7.4	40	1.8	3	1.8	0.9	0.8	2.46	27.4	2.2	1.8	0.3	< 10	< 0.2
745338 Dup	8.67	< 5	< 10	333	< 3	< 2	2.82	< 2	20.8	6.4	40	1.8	3	1.4	0.7	0.6	2.41	27.1	2.0	1.2	0.3	< 10	< 0.2
745350 Split Orig	8.32	< 5	< 10	614	< 3	< 2	2.32	< 2	15.7	4.1	< 30	3.5	13	0.8	0.4	0.4	1.73	24.3	1.2	1.0	< 0.2	< 10	< 0.2
745350 Split	8.21	< 5	< 10	629	< 3	< 2	2.39	< 2	16.1	4.5	< 30	3.8	12	0.7	0.4	0.4	1.78	24.9	1.2	0.8	< 0.2	< 10	< 0.2
745353 Orig	7.66	< 5	< 10	314	4	< 2	2.97	< 2	52.2	4.3	40	9.3	< 2	2.5	1.3	1.4	1.66	26.9	4.0	1.0	0.5	< 10	< 0.2
745353 Dup	7.56	< 5	< 10	356	3	< 2	2.94	< 2	51.7	4.8	50	11.1	< 2	3.4	1.5	1.6	1.65	25.5	4.5	1.8	0.5	< 10	< 0.2
745358 Orig	9.91	< 5	50	1230	< 3	< 2	0.96	< 2	56.0	22.8	210	41.8	18	3.0	1.9	0.9	6.03	26.6	2.9	1.9	0.5	< 10	< 0.2
745358 Dup	9.95	< 5	50	1260	< 3	< 2	0.98	< 2	57.0	26.1	260	49.6	19	3.4	1.9	1.2	6.04	31.0	3.7	2.6	0.7	< 10	< 0.2
745378 Orig	8.40	< 5	50	705	< 3	< 2	1.46	< 2	43.9	14.0	160	7.8	21	2.5	1.2	0.9	4.42	22.3	2.4	1.5	0.4	< 10	< 0.2
745378 Dup	8.27	< 5	50	695	< 3	< 2	1.38	< 2	40.6	14.0	160	7.4	21	1.7	1.2	0.9	4.41	23.0	2.6	1.9	0.4	< 10	< 0.2
745386 Orig	8.16	< 5	40	336	< 3	7	1.76	< 2	11.4	3.7	30	14.2	12	0.8	0.5	0.4	1.54	24.0	1.0	0.9	< 0.2	< 10	< 0.2
745386 Dup	8.13	< 5	40	326	< 3	7	1.75	< 2	11.8	4.0	< 30	13.9	9	0.8	0.4	0.5	1.51	24.6	1.6	0.9	< 0.2	< 10	< 0.2
745398 Orig	8.40	< 5	30	505	< 3	< 2	2.12	< 2	32.0	9.5	110	5.3	22	1.7	0.8	1.0	3.36	20.6	1.9	0.9	0.3	< 10	< 0.2
745398 Dup	8.42	< 5	40	502	< 3	< 2	2.21	< 2	33.1	9.9	110	5.1	21	1.8	0.8	1.0	3.34	18.7	2.2	1.1	0.3	< 10	< 0.2
745400 Split Orig	7.97	< 5	80	883	< 3	< 2	1.04	< 2	49.1	9.8	100	8.0	29	1.6	1.0	1.0	4.58	17.2	2.5	2.2	0.3	< 10	< 0.2
745400 Split	7.98	< 5	70	848	< 3	< 2	1.05	< 2	50.8	9.9	100	8.0	27	1.7	1.0	1.1	4.58	22.9	2.5	1.6	0.3	20	< 0.2
745408 Orig	8.54	< 5	40	646	< 3	< 2	1.90	< 2	19.0	4.7	90	0.9	5	1.1	0.6	0.6	1.77	22.3	1.5	0.7	< 0.2	< 10	< 0.2
745408 Dup	8.37	< 5	40	625	< 3	< 2	1.91	< 2	18.7	4.9	120	0.9	5	1.0	0.5	0.5	1.77	20.3	1.5	< 0.7	< 0.2	< 10	< 0.2
745415 Orig	8.95	< 5	40	986	< 3	< 2	3.03	< 2	75.2	22.1	170	3.6	30	2.2	1.3	1.5	5.21	25.4	3.9	2.3	0.5	< 10	< 0.2

Results

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Analyte Symbol	Al_FUS - Na2O2 %	As_FUS -MS- Na2O2 ppm	B_FUS -MS- Na2O2 ppm	Ba_FUS -MS- Na2O2 ppm	Be_FUS -MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FUS -MS- Na2O2 %	Cd_FUS -MS- Na2O2 ppm	Ce_FUS -MS- Na2O2 ppm	Co_FUS -MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FUS -MS- Na2O2 ppm	Cu_FUS -MS- Na2O2 ppm	Dy_FUS -MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FUS -MS- Na2O2 ppm	Fe_FUS -MS- Na2O2 %	Ga_FUS -MS- Na2O2 ppm	Gd_FUS -MS- Na2O2 ppm	Ge_FUS -MS- Na2O2 ppm	Ho_FUS -MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm
745415 Dup	8.89	< 5	40	977	< 3	< 2	2.96	< 2	73.2	20.2	160	3.5	30	2.6	1.2	1.6	5.20	18.6	3.8	1.7	0.4	< 10	< 0.2
745428 Orig	9.73	< 5	70	938	< 3	< 2	0.87	< 2	57.2	23.6	220	7.1	44	2.5	1.5	1.2	5.84	27.1	3.5	1.1	0.5	40	< 0.2
745428 Dup	9.83	< 5	70	920	< 3	< 2	0.93	< 2	66.0	23.1	220	7.0	44	2.9	1.6	1.3	5.83	26.7	3.8	1.7	0.6	< 10	< 0.2
745442 Orig	9.37	< 5	40	690	< 3	< 2	5.75	< 2	106	25.2	60	20.6	31	3.8	2.1	2.3	6.31	24.2	5.9	1.2	0.7	< 10	< 0.2
745442 Dup	9.32	< 5	40	708	< 3	< 2	5.76	< 2	108	24.6	50	20.9	32	3.9	2.1	2.1	6.30	22.7	6.1	1.9	0.8	< 10	< 0.2
745448 Orig	7.13	< 5	40	919	< 3	< 2	3.25	< 2	60.5	14.0	110	8.6	7	1.8	1.1	1.6	8.76	22.4	3.7	1.5	0.3	< 10	< 0.2
745448 Dup	7.12	< 5	40	943	< 3	< 2	3.33	< 2	61.3	15.5	180	9.3	9	2.1	1.1	1.6	8.86	20.1	3.4	2.2	0.4	30	< 0.2
745450 Split Orig	8.31	< 5	40	1050	< 3	< 2	2.64	< 2	51.4	18.1	290	24.0	35	2.0	0.9	1.5	4.84	26.0	3.4	1.1	0.4	< 10	< 0.2
745450 Split	8.46	< 5	40	1080	< 3	< 2	2.89	< 2	56.2	17.3	140	21.9	31	1.8	1.2	1.5	4.78	24.9	3.5	1.3	0.4	< 10	< 0.2
745457 Orig	8.52	< 5	50	746	< 3	< 2	2.32	< 2	53.4	11.7	110	5.2	27	1.8	1.0	1.2	3.50	22.0	2.8	1.4	0.4	< 10	< 0.2
745457 Dup	8.56	< 5	50	750	< 3	< 2	2.42	< 2	54.7	12.2	120	4.8	26	1.7	1.0	1.2	3.49	22.2	2.6	1.5	0.3	10	< 0.2
745464 Orig	8.58	< 5	30	459	< 3	< 2	2.56	< 2	40.9	7.2	60	7.6	16	1.2	0.6	1.0	2.93	22.4	1.9	1.8	0.2	< 10	< 0.2
745464 Dup	8.46	< 5	30	457	< 3	< 2	2.55	< 2	41.6	7.2	70	7.8	17	1.1	0.7	0.8	2.94	21.8	1.6	1.5	< 0.2	< 10	< 0.2
745482 Orig	8.59	< 5	30	1180	< 3	< 2	2.75	< 2	51.7	15.2	150	17.5	12	2.1	1.1	1.9	3.87	23.0	3.7	1.2	0.4	< 10	< 0.2
745482 Dup	8.40	< 5	40	1170	< 3	< 2	2.70	< 2	50.4	15.7	140	17.0	12	2.1	1.3	1.6	3.84	20.7	3.1	0.9	0.4	< 10	< 0.2
745492 Orig	8.15	< 5	40	532	< 3	< 2	3.20	< 2	51.7	11.1	500	5.8	25	1.6	1.0	1.0	4.17	19.5	2.5	1.2	0.3	< 10	< 0.2
745492 Dup	8.22	< 5	50	530	< 3	< 2	3.16	< 2	49.5	11.4	550	6.0	25	1.7	0.9	1.2	4.19	19.6	2.1	1.8	0.3	< 10	< 0.2
745500 Split Orig	7.73	< 5	30	745	< 3	< 2	3.48	< 2	59.1	21.9	170	7.5	17	2.3	1.2	1.2	5.18	20.6	3.4	0.9	0.5	< 10	< 0.2
745500 Split	7.68	< 5	30	732	< 3	< 2	3.43	< 2	58.4	21.0	160	7.2	14	2.1	1.1	1.2	5.13	20.0	2.9	1.6	0.4	< 10	< 0.2
745501 Orig	9.48	< 5	40	322	< 3	< 2	7.10	< 2	31.5	26.5	120	1.7	46	2.3	1.5	1.1	4.02	19.4	2.7	1.1	0.4	< 10	< 0.2
745501 Dup	9.38	< 5	50	319	< 3	< 2	7.09	< 2	31.1	27.2	120	1.6	44	2.6	1.6	1.1	4.03	22.0	3.0	1.6	0.5	< 10	< 0.2
745512 Orig	8.01	< 5	30	448	< 3	< 2	2.23	< 2	37.6	5.3	80	13.3	19	0.9	0.7	0.8	3.77	22.2	1.0	1.0	0.2	< 10	< 0.2
745512 Dup	8.08	< 5	30	451	< 3	< 2	2.22	< 2	37.0	5.3	80	13.2	21	1.0	0.8	0.8	3.81	22.6	1.2	1.7	0.3	< 10	< 0.2
745522 Orig	8.19	< 5	30	889	< 3	< 2	3.73	< 2	51.5	19.6	200	2.1	21	2.2	1.3	1.4	4.19	19.8	3.3	1.2	0.4	< 10	< 0.2
745522 Dup	8.34	< 5	30	912	< 3	< 2	3.76	< 2	53.3	20.3	190	2.0	23	2.3	1.2	1.2	4.22	19.3	3.4	1.3	0.4	< 10	< 0.2
745532 Orig	8.50	< 5	< 10	1030	< 3	< 2	2.23	< 2	70.0	14.5	130	20.7	18	2.4	1.2	1.7	3.62	20.9	4.4	1.6	0.4	< 10	< 0.2
745532 Dup	8.72	< 5	10	1080	< 3	< 2	2.29	< 2	78.3	15.1	150	23.1	19	2.5	1.2	2.1	3.67	20.6	4.7	1.1	0.4	< 10	< 0.2
745545 Orig	7.99	< 5	30	512	< 3	< 2	1.58	< 2	17.5	26.2	140	2.3	39	2.5	1.5	0.7	9.69	17.6	2.3	2.5	0.5	< 10	< 0.2
745545 Dup	7.78	< 5	40	511	< 3	< 2	1.55	< 2	17.1	25.8	140	2.3	37	2.4	1.7	0.8	9.60	17.9	2.5	1.7	0.5	< 10	< 0.2
745551 Split Orig	8.25	< 5	50	1060	< 3	< 2	4.03	< 2	82.0	21.1	170	2.8	28	2.9	1.4	2.0	4.77	17.5	5.0	1.6	0.5	< 10	< 0.2
745551 Split	8.05	< 5	50	1080	< 3	< 2	4.06	< 2	83.0	22.3	200	2.9	31	3.2	1.3	1.8	4.78	17.2	4.7	1.4	0.5	20	< 0.2
745553 Orig	5.77	< 5	40	1050	< 3	< 2	4.43	< 2	70.7	10.3	80	3.7	66	2.2	1.1	1.7	14.3	18.7	3.9	2.6	0.4	10	< 0.2
745553 Dup	5.87	< 5	40	1070	< 3	< 2	4.43	< 2	69.4	10.0	80	3.3	68	1.9	1.2	1.5	14.3	15.4	3.7	3.1	0.4	< 10	< 0.2
745566 Orig	6.95	< 5	30	183	< 3	< 2	1.30	< 2	27.7	9.7	70	1.9	22	1.2	0.8	0.7	2.14	14.7	2.2	0.8	0.2	< 10	< 0.2
745566 Dup	6.97	< 5	30	185	< 3	< 2	1.26	< 2	28.3	10.1	70	2.0	23	1.3	0.8	0.8	2.15	14.5	1.8	< 0.7	0.3	< 10	< 0.2
745574 Orig	8.54	< 5	30	980	< 3	< 2	3.00	< 2	71.5	18.2	190	31.1	24	2.4	1.0	1.6	5.08	23.6	4.1	1.2	0.4	< 10	< 0.2
745574 Dup	8.40	< 5	30	959	< 3	< 2	2.94	< 2	70.2	18.1	180	29.8	27	2.4	1.3	1.6	5.01	20.3	4.1	1.3	0.4	< 10	< 0.2
745583 Orig	8.42	< 5	40	737	< 3	< 2	2.59	< 2	54.7	12.0	110	10.9	15	1.5	1.0	1.1	3.86	17.9	2.7	1.5	0.3	< 10	< 0.2
745583 Dup	8.33	< 5	30	748	< 3	< 2	2.63	< 2	54.8	12.5	100	11.4	14	1.6	0.9	1.2	3.85	17.9	2.4	1.3	0.3	< 10	< 0.2
Method Blank	< 0.01						0.05										< 0.05						
Method Blank	< 0.01	< 5	20	< 3	< 3	< 2	0.02	< 2	< 0.8	0.2	30	0.2	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2
Method Blank	< 0.01						0.02										< 0.05						
Method Blank	< 0.01	< 5	10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	0.4	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	0.06	< 2	< 0.8	< 0.2	< 30	< 0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2
Method Blank	< 0.01	< 5	30	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.3	< 30	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.6	0.2	< 0.7	< 0.2	< 10	< 0.2
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	0.3	40	0.2	< 2	< 0.3	< 0.1	< 0.1		< 0.2	0.2	< 0.7	< 0.2	< 10	< 0.2
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	0.3	6	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	0.1	< 0.7	< 0.2	< 10	< 0.2
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01						< 0.01										< 0.05						
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	< 0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.7	< 0.1	< 0.7	< 0.2	< 10	< 0.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	Al_FUS - Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS-MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	< 0.2	< 30	0.2	< 2	< 0.3	< 0.1	< 0.1		< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.2	30	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01	< 5	20	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	< 0.1	15	< 0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	< 0.2	< 30	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	< 0.1	2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	40	< 0.2	
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	0.2	< 30	0.2	< 2	< 0.3	< 0.1	< 0.1		< 0.2	< 0.1	< 0.7	< 0.2	30	< 0.2	
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01	< 5	30	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.5	40	< 0.1	3	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	50	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	30	< 3	< 3	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	< 0.1	2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01	< 5	20	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.3	30	0.1	4	< 0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	30	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.3	30	0.2	3	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	20	21	< 3	< 2	0.19	< 2	< 0.8	0.3	< 30	< 0.1	3	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank		< 5	30	< 3	< 3	< 2		< 2	< 0.8	0.3	30	< 0.1	2	< 0.3	< 0.1	< 0.1		< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	

Analyte Symbol	K_FUS - Na2O2 %	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS - Na2O2 %	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
742551	0.3	4.0	26	2.61	1760	2	3.1	9.0	70	6.7	1.5	14.2	0.02	< 2	< 8	26.8	2.0	2.6	101	0.6	0.7	< 6	1.1
742552	1.4	7.2	28	0.58	275	1	4.1	7.9	< 10	19.7	1.8	66.2	0.16	< 2	< 8	> 30.0	1.5	2.2	543	0.7	0.2	< 6	2.2
742553	1.3	8.9	17	0.04	112	< 1	79.6	10.0	< 10	16.0	2.6	180	< 0.01	< 2	< 8	> 30.0	3.5	8.3	31	10.8	0.9	< 6	11.6
742554	4.9	2.0	< 15	0.02	334	< 1	55.6	2.2	< 10	27.0	0.6	515	< 0.01	< 2	< 8	> 30.0	1.3	6.0	34	13.4	0.3	< 6	4.2
742555	2.1	22.7	106	0.96	621	2	4.5	21.0	30	13.9	5.4	108	0.03	< 2	< 8	> 30.0	3.2	3.3	870	0.4	0.3	< 6	5.6
742556	2.8	7.1	58	0.04	135	< 1	21.5	6.5	< 10	18.0	1.7	265	< 0.01	< 2	< 8	> 30.0	2.3	7.5	18	2.8	0.5	< 6	10.6
742557	2.0	22.1	443	2.43	719	6	5.7	19.8	80	15.5	4.7	82.8	0.01	< 2	< 8	29.5	3.7	3.1	269	1.0	0.5	< 6	5.6
742558	0.8	18.4	19	0.52	274	< 1	3.9	14.8	< 10	40.0	4.2	30.8	0.01	< 2	< 8	> 30.0	1.9	1.8	764	0.9	0.2	< 6	4.7
742559	2.1	22.0	44	2.03	1000	4	5.6	16.7	80	17.5	4.4	79.4	0.02	< 2	< 8	29.1	2.8	3.3	213	0.6	0.4	< 6	6.0
742560	2.1	23.1	45	2.11	1050	4	6.3	16.2	120	17.3	5.1	82.2	0.02	< 2	< 8	> 30.0	3.8	2.2	227	0.6	0.5	< 6	6.4
742561	0.8	16.1	33	1.64	1770	5	4.4	14.3	50	9.6	3.8	40.2	0.11	< 2	< 8	29.6	2.9	17.4	256	0.6	0.4	< 6	4.9
742562	1.3	9.3	63	1.68	1030	2	5.6	7.0	60	66.9	1.7	52.3	0.03	< 2	< 8	> 30.0	1.7	2.7	253	0.6	0.4	< 6	6.1
742563	1.0	14.8	97	1.68	1430	< 1	5.1	12.9	40	14.1	3.3	106	0.02	< 2	< 8	29.1	2.3	3.2	287	0.8	0.3	< 6	5.0
742564	2.0	19.9	41	1.88	1110	2	5.5	17.3	110	58.1	4.2	70.8	0.08	< 2	< 8	> 30.0	4.1	2.8	231	0.6	0.5	< 6	6.5
742565	0.9	18.1	29	0.43	206	< 1	3.5	16.3	10	24.8	4.4	40.5	< 0.01	< 2	< 8	> 30.0	3.2	2.4	628	0.4	0.3	< 6	6.1
742566	3.8	39.9	193	1.31	498	2	6.1	32.0	60	18.7	8.0	159	0.01	< 2	< 8	30.0	5.2	2.8	217	1.0	0.5	< 6	8.7
742567	0.9	19.2	44	0.52	192	6	4.0	14.8	< 10	29.2	4.2	29.9	< 0.01	< 2	< 8	> 30.0	2.1	1.1	277	0.4	0.2	< 6	3.7
742568	2.3	39.4	151	2.20	707	3	6.2	38.6	50	8.7	9.3	134	< 0.01	< 2	< 8	28.0	5.8	2.0	615	0.4	0.5	< 6	7.3
742569	1.4	6.6	25	0.38	253	< 1	3.6	8.9	< 10	7.6	1.9	37.5	< 0.01	< 2	< 8	> 30.0	2.4	1.5	519	0.8	0.2	< 6	1.5
742570	1.6	9.0	35	0.39	261	2	3.4	11.1	10	11.4	2.5	48.6	< 0.01	< 2	< 8	> 30.0	2.7	2.0	619	0.8	0.2	< 6	2.6
742571	3.1	17.1	21	0.20	175	< 1	2.5	12.6	< 10	37.4	3.4	87.6	< 0.01	< 2	< 8	> 30.0	1.6	1.8	723	0.7	0.1	< 6	9.1
742572	1.4	3.9	18	1.14	410	< 1	3.4	5.5	10	9.9	1.2	55.7	0.01	< 2	< 8	> 30.0	1.1	2.5	384	0.9	0.2	< 6	1.2
742573	1.3	7.4	22	0.76	462	< 1	3.2	10.1	< 10	9.4	2.3	38.6	< 0.01	< 2	< 8	> 30.0	2.2	15.9	446	0.9	0.2	< 6	1.5
742574	1.2	10.1	38	0.46	275	< 1	3.1	11.1	< 10	11.9	2.9	34.5	0.02	< 2	< 10	> 30.0	1.9	2.2	626	0.7	0.2	< 6	1.8
742575	1.2	6.3	65	0.42	293	1	3.4	8.2	< 10	9.6	1.9	38.0	< 0.01	< 2	< 8	> 30.0	2.1	1.7	579	0.3	0.2	< 6	1.4
742576	1.2	9.2	123	0.44	301	14	3.3	10.2	< 10	8.7	2.4	62.3	0.03	< 2	< 8	> 30.0	2.3	3.1	599	1.6	0.2	< 6	1.8
742577	1.0	11.9	110	4.55	913	1	< 2.4	11.5	110	6.2	2.9	45.6	< 0.01	< 2	< 8	26.2	1.9	1.9	386	0.7	0.2	< 6	1.8
742578	1.1	4.3	244	0.63	563	1	10.9	7.1	< 10	9.9	1.5	179	0.02	< 2	< 8	> 30.0	1.6	5.3	507	2.9	0.2	< 6	2.3
742579	0.5	8.6	68	0.43	268	2	2.8	10.5	< 10	8.5	2.3	18.8	0.02	< 2	< 8	> 30.0	1.5	2.9	606	1.3	0.2	< 6	1.3
742580	0.4	3.4	44	3.60	896	4	2.4	6.4	30	4.4	1.3	8.1	< 0.01	< 2	< 8	26.8	1.6	1.6	213	0.7	0.5	< 6	0.7

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
742581	3.3	2.9	16	0.29	185	1	3.0	2.7	< 10	15.9	0.7	65.9	< 0.01	< 2	< 8	> 30.0	0.6	1.8	429	1.2	0.1	< 6	3.8
742582	1.3	7.6	< 15	0.38	356	< 1	12.1	10.1	< 10	9.7	2.2	91.5	< 0.01	< 2	< 8	> 30.0	1.7	3.2	502	4.0	0.3	< 6	2.5
742583	1.5	1.9	30	0.25	208	< 1	3.7	3.8	< 10	11.0	0.7	36.7	< 0.01	< 2	< 8	> 30.0	1.2	1.8	575	0.7	0.2	< 6	1.1
742584	0.6	2.9	< 15	3.55	1040	1	< 2.4	5.4	40	4.8	1.2	10.6	0.03	< 2	< 8	26.0	1.9	3.2	135	0.3	0.5	< 6	0.6
742585	2.4	14.9	22	1.02	434	5	5.0	13.7	40	31.3	3.3	85.9	0.02	< 2	< 8	> 30.0	2.4	3.0	337	0.7	0.2	< 6	8.6
742586	3.1	10.1	27	0.53	275	6	4.7	8.0	20	41.6	2.1	107	0.04	< 2	< 8	> 30.0	1.4	4.0	570	1.7	0.1	< 6	8.4
742587	1.3	7.3	35	0.80	709	9	2.8	5.4	30	13.0	1.7	51.8	0.03	< 2	< 8	28.8	1.2	1.6	453	1.1	0.2	< 6	3.2
742588	0.7	7.2	114	0.65	328	< 1	3.3	6.3	< 10	14.8	1.5	117	0.05	< 2	< 8	> 30.0	1.3	2.4	501	0.3	0.2	< 6	1.5
742589	2.8	18.4	150	1.08	653	2	6.6	17.6	50	22.6	4.3	185	0.07	< 2	< 8	> 30.0	3.2	2.8	678	0.7	0.3	< 6	7.4
742590	2.9	37.2	144	0.95	519	2	6.6	32.6	30	25.2	8.3	144	0.02	< 2	< 8	> 30.0	4.8	2.0	960	0.9	0.3	< 6	10.8
742591	2.2	13.5	192	1.07	882	< 1	4.4	12.8	40	11.3	3.1	119	0.02	< 2	< 8	27.9	2.5	2.5	245	0.5	0.3	< 6	3.2
742592	2.0	15.8	77	1.48	991	5	4.9	13.5	70	15.3	3.2	94.5	0.08	< 2	< 8	> 30.0	2.5	4.0	257	1.1	0.3	< 6	5.5
742593	1.3	6.5	63	0.46	334	2	5.9	10.8	< 10	10.0	2.2	57.8	< 0.01	< 2	< 8	> 30.0	2.0	10.0	564	1.4	0.3	< 6	1.8
742594	0.8	11.6	74	0.58	361	4	3.4	15.0	< 10	7.7	3.6	29.0	0.02	< 2	< 8	> 30.0	3.1	2.0	653	1.0	0.3	< 6	1.2
742595	1.2	10.8	< 15	0.51	360	4	4.2	9.3	20	10.9	2.5	41.4	0.02	< 2	< 8	> 30.0	2.1	5.4	353	0.6	0.2	< 6	2.3
742596	2.3	19.0	35	1.31	476	2	5.5	16.5	30	24.3	4.2	93.7	< 0.01	< 2	< 8	> 30.0	2.1	1.7	338	0.5	0.3	< 6	10.9
742597	2.4	12.8	30	0.83	281	< 1	4.0	12.5	20	10.7	3.1	85.8	0.02	< 2	< 8	> 30.0	2.5	2.0	283	0.3	0.2	< 6	2.0
742598	1.9	19.3	20	0.49	215	< 1	4.9	20.0	30	15.5	5.3	43.7	< 0.01	< 2	< 8	> 30.0	3.6	1.5	743	0.4	0.3	< 6	5.6
742599	0.9	6.3	< 15	0.49	249	< 1	3.0	9.6	< 10	8.5	2.0	19.9	< 0.01	< 2	< 8	> 30.0	2.2	1.8	664	0.7	0.2	< 6	1.1
742600	1.0	11.4	< 15	0.55	224	< 1	4.6	9.4	30	5.4	2.7	38.5	< 0.01	< 2	< 8	> 30.0	2.0	2.2	478	0.8	0.2	< 6	2.1
745001	2.0	4.2	23	0.27	146	2	3.1	6.0	< 10	21.1	1.3	66.7	< 0.01	< 2	< 8	> 30.0	1.2	8.1	680	0.6	0.1	< 6	3.0
745002	0.3	5.6	< 15	1.69	1820	< 1	3.6	10.8	20	5.1	2.0	5.4	0.04	< 2	< 8	26.7	3.7	9.1	73	0.6	1.0	< 6	0.5
745003	3.2	9.3	40	0.16	121	9	2.5	7.0	20	38.9	2.0	115	< 0.01	< 2	< 8	> 30.0	1.2	2.3	661	0.5	< 0.1	< 6	5.6
745004	2.2	10.5	28	0.36	186	< 1	3.0	9.3	< 10	15.4	2.3	83.2	0.01	< 2	< 8	> 30.0	1.5	2.1	406	0.4	0.2	< 6	5.4
745005	2.1	3.3	67	0.37	140	< 1	4.5	4.4	< 10	18.0	1.1	71.6	0.01	< 2	< 8	> 30.0	1.6	2.2	962	0.5	0.2	< 6	4.2
745006	1.0	7.4	18	0.35	234	< 1	4.3	10.5	30	13.0	2.6	25.4	< 0.01	< 2	< 8	> 30.0	2.7	46.9	529	0.7	0.3	< 6	1.5
745007	1.8	35.1	153	1.32	546	1	4.4	34.5	40	17.6	8.7	89.3	0.05	< 2	< 8	> 30.0	4.8	8.8	1100	0.4	0.4	< 6	7.8
745008	1.9	39.9	121	1.21	526	4	4.9	37.9	50	20.1	9.6	118	0.02	< 2	9	> 30.0	5.2	3.4	897	0.9	0.4	< 6	7.4
745009	2.2	12.4	39	1.07	464	1	4.3	17.2	30	21.7	4.2	74.6	< 0.01	3	< 8	> 30.0	3.6	6.8	915	0.5	0.4	< 6	6.9
745010	2.3	7.6	44	1.16	519	1	4.7	8.4	40	18.6	2.0	91.8	0.01	< 2	< 8	> 30.0	1.0	1.9	412	0.7	0.2	< 6	6.3
745011	1.8	7.3	29	1.18	1130	1	2.5	6.9	30	5.1	1.4	90.2	0.05	< 2	< 8	22.1	1.6	2.7	111	0.3	0.2	< 6	2.4
745012	1.6	18.6	84	1.08	548	2	3.4	18.0	40	10.4	4.2	75.4	0.04	< 2	< 8	26.5	3.1	3.4	459	0.9	0.3	< 6	4.8
745013	0.5	8.1	32	0.13	126	5	3.9	7.0	< 10	38.0	1.8	28.7	< 0.01	< 2	< 8	> 30.0	1.5	3.4	832	1.3	< 0.1	< 6	2.7
745014	1.5	13.5	40	1.98	1190	2	3.9	12.1	60	9.0	3.1	123	0.03	< 2	< 8	26.9	2.4	1.9	278	0.4	0.4	< 6	4.3
745015	1.3	6.4	32	0.86	546	1	3.4	7.0	30	11.9	1.7	53.6	0.04	< 2	< 8	28.6	1.4	2.1	477	0.7	0.3	< 6	4.7
745016	1.8	5.9	33	1.01	399	< 1	4.8	5.3	20	18.1	1.6	75.5	< 0.01	< 2	< 8	> 30.0	0.9	1.8	412	0.4	0.2	< 6	3.7
745017	1.5	46.5	25	2.19	1040	1	4.9	59.9	30	20.6	14.2	26.5	0.07	< 2	< 8	26.8	9.9	2.8	1580	0.9	0.7	< 6	8.3
745018	1.2	45.8	18	2.12	1010	< 1	4.2	62.4	30	18.9	14.5	22.8	< 0.01	< 2	< 8	27.3	10.5	1.8	1310	0.8	0.7	< 6	8.0
745019	1.5	4.2	45	0.27	228	3	4.3	8.2	20	11.3	1.9	54.3	0.02	< 2	< 8	> 30.0	2.3	1.4	500	0.5	0.3	< 6	1.8
745020	0.5	2.6	33	4.34	1650	< 1	< 2.4	4.1	80	7.6	0.8	11.4	< 0.01	< 2	< 8	24.1	1.0	1.4	129	0.6	0.2	< 6	0.4
745021	0.2	4.5	26	3.54	2090	< 1	2.6	8.5	30	4.4	1.5	8.9	0.05	< 2	< 8	24.9	2.3	1.1	82	0.2	0.5	< 6	0.8
745022	1.2	7.4	29	0.66	368	42	3.9	7.0	< 10	9.1	1.7	67.3	0.03	< 2	< 8	> 30.0	1.0	1.4	441	1.1	0.2	< 6	2.1
745023	1.4	16.7	75	1.07	320	5	4.7	16.7	20	17.6	4.1	63.4	0.01	< 2	< 8	> 30.0	3.0	1.7	317	0.4	0.3	< 6	4.8
745024	1.6	32.0	53	1.13	426	2	5.1	25.8	30	26.2	6.4	72.7	0.07	< 2	< 8	> 30.0	4.4	1.1	426	0.9	0.4	< 6	10.0
745025	1.0	15.2	< 15	0.47	416	20	7.8	12.5	< 10	8.6	3.1	46.4	0.13	< 2	< 8	> 30.0	1.9	1.6	271	1.9	0.3	< 6	2.9
745026	0.2	2.7	18	4.93	1460	1	< 2.4	5.1	80	3.1	1.0	4.6	0.01	< 2	< 8	24.9	1.1	1.5	89	0.2	0.4	< 6	0.5
745027	1.4	8.0	36	0.35	233	1	3.5	10.4	20	9.0	2.3	36.6	< 0.01	< 2	< 8	> 30.0	2.2	1.8	504	0.3	0.2	< 6	1.8
745028	1.0	14.5	75	0.59	316	1	3.6	16.0	< 10	12.6	3.8	32.6	0.01	< 2	< 8	> 30.0	3.2	1.5	631	0.7	0.3	< 6	1.8
745029	1.3	6.3	50	0.34	260	1	6.1	8.1	< 10	10.1	1.8	50.3	< 0.01	< 2	< 8	> 30.0	1.5	1.9	501	1.6	0.2	< 6	1.7
745030	0.8	8.2	72	0.35	418	< 1	5.9	9.4	< 10	12.7	2.3	95.5	< 0.01	< 2	< 8	> 30.0	2.0	4.3	450	1.4	0.2	< 6	1.8
745031	3.5	7.4	29	0.05	152	< 1	11.4	6.7	< 10	30.4	1.9	277	< 0.01	< 2	< 8	> 30.0	2.2	2.2	68	1.7	0.2	< 6	13.2
745032	0.8	8.2	58	0.56	273	2	3.4	11.4	< 10	7.6	2.6	25.1	0.02	< 2	< 8	> 30.0	2.2	1.4	684	0.7	0.3	< 6	1.6

Analyte Symbol	K_FUS- Na2O2- %	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 %	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745033	2.4	3.1	91	0.35	238	< 1	3.6	4.8	< 10	8.4	1.0	71.5	< 0.01	< 2	< 8	> 30.0	1.2	2.3	309	0.6	0.2	< 6	1.0
745034	1.0	10.6	59	0.50	378	1	4.3	7.9	< 10	7.9	2.2	83.3	0.02	< 2	< 8	> 30.0	1.5	2.4	349	0.6	0.2	< 6	2.3
745035	2.4	21.7	48	1.18	447	2	5.5	17.1	30	26.9	4.7	81.7	0.22	< 2	< 8	> 30.0	2.7	1.6	287	0.6	0.3	< 6	11.7
745036	2.0	35.3	115	1.80	619	1	4.2	33.5	90	16.7	8.7	101	0.17	< 2	< 8	29.9	5.4	1.9	579	0.3	0.5	< 6	6.8
745037	3.1	25.4	128	1.01	410	< 1	6.3	24.6	40	36.8	6.1	99.6	0.08	< 2	< 8	> 30.0	3.5	1.5	717	0.4	0.3	< 6	8.1
745038	2.3	32.1	39	2.52	851	< 1	4.0	30.3	90	22.0	7.8	112	0.08	< 2	< 8	29.4	5.1	1.9	514	0.9	0.5	< 6	7.0
745039	1.0	4.6	42	0.49	251	1	2.7	5.4	< 10	15.3	1.3	47.4	0.07	< 2	< 8	> 30.0	1.5	2.1	612	2.0	0.2	< 6	1.7
745040	1.2	13.8	36	0.95	274	7	4.3	11.3	< 10	15.9	3.1	40.3	0.01	< 2	< 8	> 30.0	1.9	3.5	431	1.5	0.2	< 6	2.2
745041	0.4	2.0	18	5.27	1400	< 1	< 2.4	4.6	70	8.0	0.9	25.0	0.02	< 2	< 8	24.3	1.0	3.2	163	1.4	0.3	< 6	0.4
745042	1.0	6.1	24	0.28	180	< 1	2.7	6.4	130	8.7	1.6	26.6	< 0.01	< 2	< 8	> 30.0	1.0	1.3	418	2.1	0.1	< 6	1.6
745043	0.6	7.4	35	0.40	230	1	5.8	12.0	< 10	7.6	2.7	23.4	0.02	< 2	< 8	> 30.0	2.3	1.1	596	3.4	0.3	< 6	1.4
745044	1.1	9.8	24	0.44	265	< 1	5.8	11.9	< 10	9.2	2.8	29.4	0.02	< 2	< 8	> 30.0	1.9	1.6	372	2.3	0.3	< 6	2.3
745045	3.2	14.2	17	0.13	188	3	6.5	9.7	< 10	37.9	2.8	180	0.01	< 2	< 8	> 30.0	2.0	3.3	529	3.3	0.2	< 6	6.0
745046	1.0	4.8	28	0.33	228	12	2.8	6.8	10	10.2	1.5	32.9	< 0.01	< 2	< 8	> 30.0	1.4	6.4	520	0.7	0.2	< 6	1.4
745047	0.9	2.9	23	0.12	91	< 1	< 2.4	3.8	< 10	15.1	0.8	23.5	0.04	< 2	< 8	> 30.0	0.6	1.0	346	0.9	< 0.1	< 6	0.7
745048	1.1	4.3	67	0.25	164	< 1	< 2.4	5.1	< 10	8.0	1.3	21.1	< 0.01	< 2	< 8	> 30.0	1.2	1.2	698	2.4	0.1	< 6	1.0
745049	0.7	25.3	33	0.52	182	< 1	4.8	24.7	< 10	14.0	6.6	24.7	0.01	< 2	< 8	> 30.0	4.4	2.1	711	1.8	0.3	< 6	7.1
745050	0.2	4.8	< 15	1.79	654	< 1	< 2.4	6.6	< 10	10.2	1.5	7.8	< 0.01	< 2	< 8	21.7	1.1	0.9	403	1.1	0.2	< 6	1.6
745101	2.3	20.2	90	1.83	774	1	4.8	19.6	80	18.8	5.3	92.3	0.01	< 2	< 8	29.4	3.0	2.5	888	0.8	0.4	< 6	5.7
745102	2.8	30.6	125	1.26	573	1	8.9	26.4	70	22.9	7.4	149	0.04	< 2	< 8	28.0	4.1	3.2	3780	1.2	0.4	< 6	22.5
745103	1.3	30.7	32	0.97	513	1	8.0	24.5	10	24.2	6.8	47.9	0.01	< 2	< 8	> 30.0	4.3	2.4	660	1.5	0.4	< 6	11.0
745104	1.8	13.9	58	0.76	326	< 1	4.2	13.1	10	12.1	3.3	83.1	< 0.01	< 2	< 8	> 30.0	2.2	1.4	363	1.3	0.2	< 6	2.5
745105	1.3	7.1	36	0.40	298	< 1	3.9	10.3	< 10	10.8	2.4	36.7	< 0.01	< 2	< 8	> 30.0	2.3	5.5	591	1.1	0.3	< 6	1.7
745106	1.1	8.6	26	0.36	284	< 1	2.9	10.0	< 10	11.4	2.4	34.7	0.04	< 2	< 8	> 30.0	1.7	1.5	457	1.0	0.2	< 6	1.6
745107	1.9	6.2	22	0.16	135	2	< 2.4	6.5	< 10	10.2	1.3	44.1	< 0.01	< 2	< 8	> 30.0	1.0	0.6	434	1.0	0.1	< 6	1.4
745108	0.7	4.3	25	2.60	1390	< 1	4.0	8.6	30	7.8	1.8	11.5	0.12	< 2	< 8	23.5	2.7	2.0	256	0.8	0.6	< 6	1.4
745109	1.2	8.1	23	0.56	236	< 1	3.8	11.1	< 10	10.8	2.5	50.2	0.01	< 2	< 8	> 30.0	2.1	1.5	558	1.2	0.3	< 6	2.5
745110	1.4	17.7	35	1.26	412	2	2.6	15.8	30	15.3	4.4	83.8	0.03	< 2	< 8	25.4	2.9	0.7	448	0.9	0.3	< 6	4.5
745111	1.8	35.7	127	1.14	452	< 1	9.5	32.5	30	16.9	8.1	331	0.01	< 2	< 8	> 30.0	5.1	5.1	641	2.9	0.4	< 6	10.2
745112	2.2	33.2	28	1.61	637	2	4.6	31.4	70	19.2	7.8	76.3	0.02	< 2	< 8	29.6	4.9	1.2	863	1.5	0.4	< 6	7.9
745113	1.5	27.9	< 15	1.43	706	< 1	4.2	24.5	60	18.8	6.0	51.7	0.09	< 2	< 8	> 30.0	4.0	1.6	760	1.0	0.4	< 6	7.1
745114	3.5	25.3	27	1.13	528	5	6.1	21.2	50	327	5.2	69.5	0.07	< 2	< 8	> 30.0	3.5	1.4	412	1.2	0.3	< 6	8.9
745115	1.9	15.7	35	1.37	512	< 1	4.1	14.6	30	30.0	3.7	64.3	0.05	< 2	< 8	> 30.0	2.6	1.2	740	1.1	0.3	< 6	5.1
745116	3.2	51.8	< 15	1.46	542	< 1	8.3	38.3	50	31.8	10.8	121	< 0.01	< 2	9	> 30.0	6.4	3.5	771	0.6	0.6	< 6	17.0
745117	6.4	41.5	33	1.79	618	< 1	17.1	45.5	50	13.0	11.2	213	0.01	< 2	< 8	26.6	7.5	2.2	1080	1.3	0.7	< 6	12.3
745118	1.5	29.2	26	1.82	580	< 1	4.4	27.6	60	16.2	6.8	64.1	0.07	< 2	< 8	29.9	4.1	1.1	817	1.0	0.3	< 6	6.8
745119	1.9	29.2	43	1.62	625	< 1	4.5	27.9	70	17.0	6.7	83.6	0.06	< 2	< 8	30.0	4.4	2.0	570	0.9	0.4	< 6	7.4
745120	0.8	6.9	17	0.31	187	< 1	< 2.4	7.3	< 10	8.1	1.8	24.2	< 0.01	< 2	< 8	> 30.0	1.2	1.0	530	0.6	< 0.1	< 6	1.1
745121	0.8	5.5	19	0.49	231	2	< 2.4	6.4	< 10	12.3	1.7	35.7	0.07	< 2	< 8	> 30.0	1.3	1.3	637	1.8	0.2	< 6	1.6
745122	1.2	6.2	20	0.50	273	< 1	3.7	8.1	< 10	12.8	1.8	42.0	< 0.01	< 2	< 8	> 30.0	1.9	1.4	603	1.0	0.2	< 6	2.7
745123	1.1	9.6	18	0.28	164	1	2.8	10.3	< 10	13.9	2.6	31.3	< 0.01	< 2	< 8	> 30.0	2.0	1.8	578	1.1	0.2	< 6	2.0
745124	0.9	5.6	15	0.45	245	< 1	2.9	5.3	< 10	11.3	1.4	34.1	< 0.01	< 2	< 8	> 30.0	1.3	1.3	541	0.9	0.1	< 6	1.7
745125	1.5	11.1	17	0.37	279	9	9.8	14.7	< 10	11.2	3.2	31.7	< 0.01	< 2	< 8	> 30.0	2.6	1.1	575	2.0	0.3	< 6	1.9
745126	1.2	5.0	19	0.30	211	< 1	4.0	6.8	< 10	15.7	1.6	43.0	< 0.01	< 2	< 8	> 30.0	1.5	1.1	461	0.9	0.2	< 6	1.0
745127	0.9	7.5	29	0.48	278	1	4.4	11.7	40	12.6	2.5	44.8	0.02	< 2	< 8	> 30.0	2.2	1.5	576	1.7	0.3	< 6	2.6
745128	1.4	35.8	24	1.08	425	< 1	4.2	33.4	30	14.1	7.6	54.3	0.02	< 2	< 8	> 30.0	4.9	1.2	696	1.0	0.5	< 6	6.9
745129	3.7	7.1	< 15	0.11	134	< 1	2.9	4.6	< 10	40.9	1.3	122	< 0.01	< 2	< 8	> 30.0	0.7	1.1	656	0.9	< 0.1	< 6	7.4
745130	2.9	8.9	< 15	0.16	193	2	3.4	7.2	< 10	29.3	1.7	123	0.01	< 2	< 8	> 30.0	1.3	2.1	644	1.1	0.1	< 6	5.8
745131	1.3	9.6	20	0.34	255	< 1	4.2	12.0	20	11.4	3.0	35.7	< 0.01	< 2	9	> 30.0	2.4	3.8	552	0.9	0.3	< 6	2.0
745132	1.2	7.0	27	0.35	231	< 1	4.4	9.9	< 10	9.7	2.1	43.1	< 0.01	< 2	< 8	> 30.0	2.0	1.2	504	0.9	0.3	< 6	2.3
745133	1.1	6.2	25	0.48	275	< 1	2.8	8.1	10	14.3	2.2	27.6	< 0.01	< 2	< 8	> 30.0	2.0	3.2	518	0.4	0.2	< 6	1.8
745134	1.3	10.1	24	0.41	249	< 1	2.8	11.0	30	11.6	2.6	31.6	< 0.01	< 2	< 8	> 30.0	1.6	3.0	550	0.5	0.3	< 6	1.4

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745135	1.3	14.0	16	0.46	376	1	4.3	16.5	110	12.9	3.9	34.8	< 0.01	< 2	< 8	> 30.0	2.8	4.1	556	0.6	0.4	< 6	2.3
745136	1.4	6.9	17	0.36	211	< 1	3.1	8.1	40	12.4	2.3	36.7	< 0.01	< 2	< 8	> 30.0	1.5	3.7	647	0.3	0.1	< 6	3.2
745137	1.0	14.1	22	0.48	313	< 1	3.0	14.1	30	11.1	3.5	31.7	0.01	< 2	< 8	> 30.0	2.4	2.8	588	0.6	0.3	< 6	2.1
745138	1.2	5.9	< 15	0.38	226	< 1	3.8	7.9	20	13.2	1.8	32.1	0.01	< 2	10	> 30.0	1.6	4.1	581	0.7	0.2	< 6	1.8
745139	1.0	6.6	< 15	0.44	280	< 1	3.9	8.9	20	8.9	2.1	23.8	< 0.01	< 2	< 8	> 30.0	2.0	2.8	598	0.6	0.2	< 6	1.3
745140	1.1	5.2	51	0.40	232	< 1	4.2	7.5	30	9.5	1.7	38.1	< 0.01	< 2	< 8	> 30.0	1.5	2.7	539	0.6	0.2	< 6	1.5
745141	1.1	10.4	22	0.47	313	< 1	5.8	13.2	50	9.0	3.2	22.9	0.01	< 2	14	> 30.0	2.5	3.7	648	0.6	0.3	< 6	1.5
745142	2.3	12.5	32	0.44	213	< 1	3.8	10.8	20	13.2	2.7	85.9	< 0.01	< 2	< 8	> 30.0	2.0	2.2	473	0.3	0.2	< 6	7.0
745143	0.5	1.7	20	6.31	1130	2	< 2.4	2.6	100	3.5	0.5	12.5	< 0.01	< 2	< 8	23.7	0.6	2.1	245	0.5	0.2	< 6	0.1
745144	3.2	6.9	< 15	0.32	169	5	4.1	6.8	< 10	25.5	1.9	70.0	0.01	< 2	< 8	> 30.0	1.7	2.1	619	0.5	0.1	< 6	7.3
745145	2.5	56.1	< 15	0.99	666	1	8.4	53.2	30	39.1	14.0	62.1	0.04	< 2	< 8	> 30.0	7.8	2.4	1100	0.8	0.5	< 6	15.2
745146	1.5	36.9	23	1.00	519	1	4.8	33.0	50	22.8	8.6	52.4	0.05	< 2	< 8	> 30.0	4.9	1.6	1090	0.3	0.3	< 6	7.4
745147	2.2	22.2	27	1.31	601	< 1	4.8	19.3	30	16.7	5.7	86.7	0.09	< 2	< 8	> 30.0	2.9	2.6	1020	0.3	0.3	< 6	7.0
745148	2.4	50.5	32	1.62	875	5	9.9	39.8	50	12.9	11.4	65.1	< 0.01	< 2	< 8	27.6	5.4	1.9	501	0.5	0.5	< 6	15.7
745149	1.5	9.8	51	1.11	737	2	3.7	7.8	50	9.1	2.3	69.7	0.06	< 2	< 8	> 30.0	1.7	2.2	219	0.6	0.2	< 6	3.8
745150	1.9	35.6	55	1.48	600	2	4.4	29.8	40	20.1	8.1	66.6	0.07	< 2	12	> 30.0	4.1	3.1	858	0.2	0.3	< 6	6.7
745151	1.1	8.9	< 15	0.43	274	< 1	2.4	9.5	20	6.3	2.5	51.9	< 0.01	< 2	< 8	> 30.0	1.7	3.0	461	< 0.2	0.2	< 6	1.8
745152	1.0	8.9	22	0.52	342	2	4.8	11.7	10	9.7	2.8	36.9	< 0.01	< 2	< 8	> 30.0	2.3	2.9	565	0.6	0.3	< 6	2.2
745153	0.5	3.6	< 15	0.58	1060	1	3.4	8.1	20	3.3	1.5	17.1	< 0.01	< 2	< 8	> 30.0	2.4	1.9	274	< 0.2	0.6	< 6	1.0
745154	1.2	3.6	< 15	0.28	239	3	3.1	4.6	80	7.9	1.2	35.2	0.01	< 2	< 8	> 30.0	0.9	2.7	475	0.3	0.1	< 6	1.2
745155	1.4	8.4	26	0.53	306	< 1	4.1	7.8	20	17.9	2.2	49.4	< 0.01	< 2	9	> 30.0	1.2	2.3	434	0.4	0.2	< 6	3.5
745156	1.4	4.2	33	0.53	277	< 1	3.6	5.7	10	17.0	1.3	47.2	< 0.01	< 2	< 8	29.6	1.1	3.1	535	0.3	0.1	< 6	2.8
745157	0.9	8.5	31	0.44	247	< 1	2.8	9.0	20	8.5	2.1	31.5	0.01	< 2	< 8	> 30.0	1.7	3.0	591	0.7	0.2	< 6	2.0
745158	0.9	3.8	28	0.37	246	< 1	4.8	7.3	10	9.3	1.6	33.9	< 0.01	< 2	< 8	> 30.0	1.8	2.3	545	0.4	0.3	< 6	1.8
745159	0.8	5.6	31	0.39	272	< 1	4.4	7.1	< 10	7.8	1.7	37.6	0.01	< 2	< 8	> 30.0	1.7	2.2	616	1.2	0.2	< 6	1.4
745160	2.3	4.7	52	0.56	265	< 1	4.3	5.9	20	19.0	1.6	82.4	< 0.01	< 2	< 8	> 30.0	1.3	1.9	698	0.9	0.2	< 6	4.9
745161	0.9	5.5	35	0.35	254	< 1	4.1	8.7	10	9.5	2.0	17.1	< 0.01	< 2	< 8	> 30.0	1.6	2.7	596	0.9	0.3	< 6	1.4
745162	1.5	5.3	61	0.76	355	< 1	3.3	7.4	50	10.3	1.7	46.5	0.02	< 2	< 8	> 30.0	1.3	2.7	607	0.8	0.2	< 6	2.4
745163	1.1	6.7	35	0.62	281	< 1	3.7	7.9	10	10.0	1.9	39.9	0.01	< 2	< 8	> 30.0	1.7	1.7	547	0.4	0.2	< 6	1.9
745164	1.2	12.0	62	0.47	304	< 1	3.5	13.5	30	11.5	3.5	32.1	0.01	< 2	< 8	> 30.0	3.0	1.6	574	0.3	0.3	< 6	1.8
745165	3.1	5.7	59	0.15	165	3	2.4	4.8	50	65.5	1.2	119	< 0.01	< 2	< 8	29.8	0.8	3.3	507	0.4	< 0.1	< 6	5.6
745166	3.9	18.4	122	1.64	643	4	7.4	14.2	50	37.5	3.7	135	0.05	< 2	< 8	> 30.0	2.1	2.7	271	0.6	0.2	< 6	13.0
745167	2.0	11.9	75	0.28	132	1	2.9	9.8	20	23.1	3.0	58.5	0.02	< 2	< 8	> 30.0	1.8	2.3	690	0.7	0.2	< 6	4.1
745168	1.3	6.6	68	0.39	255	< 1	3.1	7.8	20	11.0	1.9	35.5	< 0.01	< 2	< 8	> 30.0	1.5	1.7	530	< 0.2	0.2	< 6	1.6
745169	2.7	23.0	112	2.40	1130	2	6.0	18.7	90	21.2	5.0	142	0.10	< 2	< 8	27.0	3.7	3.0	223	0.5	0.5	< 6	6.5
745170	1.5	33.2	37	1.84	685	< 1	3.9	30.5	80	16.3	8.0	88.4	0.10	< 2	< 8	29.5	4.6	1.8	911	0.7	0.4	< 6	7.5
745171	2.0	13.8	197	1.11	688	< 1	6.0	12.8	50	30.5	3.6	101	0.03	< 2	12	> 30.0	2.1	3.0	953	0.8	0.2	< 6	8.8
745172	0.2	21.5	< 15	0.57	718	3	2.8	13.7	30	11.5	4.1	9.1	0.05	< 2	< 8	21.1	1.8	1.7	294	< 0.2	0.3	< 6	7.5
745173	2.7	19.8	47	1.13	572	2	5.3	19.6	40	22.7	5.1	98.9	0.05	< 2	< 8	> 30.0	3.0	2.1	581	0.6	0.3	< 6	7.6
745174	2.7	17.4	46	1.14	556	2	4.7	16.9	50	18.9	4.6	77.6	0.02	< 2	< 8	> 30.0	2.7	1.3	798	0.4	0.3	< 6	6.9
745175	0.7	22.6	26	1.50	816	1	3.5	20.7	40	17.6	5.6	32.8	0.01	< 2	< 8	27.7	3.1	1.8	834	0.4	0.3	< 6	4.9
745176	1.2	21.4	26	0.89	374	1	4.1	16.5	50	31.8	5.0	46.8	0.01	< 2	< 8	> 30.0	3.0	1.8	870	0.6	0.3	< 6	5.2
745177	2.0	39.2	29	1.20	547	4	5.2	32.8	40	27.6	9.2	65.5	0.01	< 2	11	29.2	4.7	2.2	665	0.4	0.5	< 6	8.1
745178	1.9	47.6	30	1.10	703	< 1	4.5	36.6	50	22.5	10.1	64.1	0.02	< 2	8	27.8	5.0	1.8	652	0.7	0.4	< 6	7.5
745179	1.5	11.3	31	1.60	536	< 1	4.3	10.9	50	21.7	2.8	41.9	< 0.01	< 2	< 8	29.8	2.0	2.2	738	0.3	0.3	< 6	7.0
745180	1.9	33.0	38	1.36	818	< 1	5.2	37.8	40	24.7	10.2	65.0	0.02	< 2	10	28.7	5.4	2.2	955	0.4	0.3	< 6	7.6
745181	1.9	13.3	31	1.23	690	< 1	4.5	14.5	40	20.2	3.7	73.2	0.14	< 2	< 8	> 30.0	1.9	2.3	731	0.7	0.2	< 6	6.1
745182	2.2	17.6	35	1.13	701	< 1	3.9	17.6	50	20.3	4.5	80.6	0.08	< 2	< 8	29.4	3.0	2.2	670	0.9	0.2	< 6	6.1
745183	2.7	12.7	42	0.92	320	1	5.0	13.4	40	28.9	3.5	94.2	0.02	< 2	< 8	> 30.0	2.4	1.7	697	1.0	0.3	< 6	7.7
745184	1.9	27.7	20	0.88	599	< 1	4.5	23.7	40	20.4	6.3	73.9	0.04	< 2	< 8	> 30.0	4.1	1.3	803	0.7	0.4	< 6	6.1
745185	1.9	53.9	< 15	0.66	514	1	6.2	47.6	30	21.3	12.6	70.6	0.04	< 2	12	> 30.0	7.6	1.8	1230	0.8	0.5	< 6	10.2
745186	1.0	4.7	18	0.40	241	< 1	2.9	6.1	< 10	9.0	1.5	28.3	< 0.01	< 2	< 8	> 30.0	1.2	1.9	557	0.6	0.1	< 6	1.4

Analyte Symbol	K_FUS- Na2O2- _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745187	1.4	3.8	< 15	0.09	97	< 1	3.2	3.8	10	14.2	0.9	20.2	0.01	< 2	10	> 30.0	0.7	1.4	494	0.3	< 0.1	< 6	0.4
745188	0.7	8.8	< 15	0.53	332	< 1	4.3	13.0	10	8.3	2.9	17.8	< 0.01	< 2	< 8	> 30.0	2.6	1.9	614	0.4	0.3	< 6	1.7
745189	0.8	8.6	< 15	0.24	135	< 1	2.6	9.3	10	9.2	2.2	28.8	< 0.01	< 2	< 8	> 30.0	1.8	1.1	503	0.7	0.2	< 6	1.5
745190	1.5	4.8	37	0.57	291	< 1	4.0	6.1	30	11.9	1.4	49.1	< 0.01	< 2	< 8	> 30.0	1.3	1.9	503	0.7	0.1	< 6	2.5
745191	1.9	3.8	49	0.47	239	< 1	3.8	6.9	10	10.9	1.5	45.8	< 0.01	< 2	< 8	> 30.0	1.5	1.7	580	0.8	0.2	< 6	1.5
745192	0.9	4.6	65	0.42	266	< 1	2.9	7.1	10	9.4	1.7	35.1	0.01	< 2	< 8	> 30.0	1.6	2.5	577	0.8	0.2	< 6	2.0
745193	1.7	14.6	53	0.38	228	< 1	3.2	11.7	< 10	11.4	2.9	48.9	< 0.01	< 2	< 8	29.8	1.9	1.7	646	0.8	0.2	< 6	2.3
745194	1.7	14.7	26	0.60	283	< 1	5.9	10.7	20	20.9	3.0	67.4	0.02	< 2	< 8	> 30.0	1.6	2.1	1260	0.4	0.2	< 6	7.1
745195	1.7	3.6	135	0.96	471	< 1	6.5	4.2	40	14.8	0.9	131	0.10	< 2	9	> 30.0	1.3	2.7	504	1.6	0.2	< 6	6.6
745196	3.3	37.1	54	1.81	630	3	8.1	29.3	60	28.3	8.1	140	0.01	< 2	< 8	28.5	5.2	2.0	251	0.5	0.6	< 6	12.3
745197	2.1	33.8	52	1.52	523	2	6.3	24.0	40	29.6	6.6	88.3	0.03	< 2	< 8	29.5	4.0	1.7	411	0.8	0.4	< 6	10.5
745198	2.4	26.6	71	1.37	578	3	7.3	18.1	40	28.6	5.3	153	0.06	< 2	< 8	> 30.0	3.0	2.3	287	0.9	0.4	< 6	11.4
745199	1.9	31.2	17	0.56	283	< 1	6.0	27.2	10	19.3	8.3	59.4	< 0.01	< 2	< 8	> 30.0	4.6	1.5	793	0.9	0.3	< 6	7.6
745200	0.8	11.8	20	0.35	171	< 1	3.7	12.6	< 10	7.3	2.9	46.7	< 0.01	< 2	9	> 30.0	2.3	2.4	530	0.3	0.2	< 6	2.5
745201	0.9	5.8	21	0.49	283	2	3.5	8.2	20	8.7	1.9	32.0	< 0.01	< 2	< 8	> 30.0	1.7	1.7	625	0.7	0.2	< 6	2.9
745202	1.2	3.7	26	0.47	263	< 1	< 2.4	6.0	20	9.2	1.3	37.1	< 0.01	< 2	< 8	> 30.0	1.3	1.4	659	< 0.2	0.2	< 6	1.4
745203	2.0	19.6	28	0.44	213	1	4.6	16.6	10	23.0	4.7	74.4	0.02	< 2	< 8	> 30.0	3.1	1.6	775	0.7	0.2	< 6	9.0
745204	2.2	32.0	23	0.48	233	4	5.3	27.0	10	19.7	7.1	76.4	< 0.01	< 2	< 8	> 30.0	4.5	2.1	738	0.7	0.2	< 6	9.9
745205	0.8	9.4	19	0.39	277	< 1	4.2	11.0	10	7.8	2.7	29.1	< 0.01	< 2	9	> 30.0	2.1	1.2	506	0.6	0.2	< 6	1.5
745206	1.4	7.2	19	0.41	179	< 1	4.4	8.7	< 10	15.7	2.1	40.0	0.08	< 2	< 8	29.0	1.3	1.6	686	0.8	0.2	< 6	2.2
745207	0.9	8.9	22	0.49	319	< 1	3.3	10.6	20	16.0	2.5	27.3	< 0.01	< 2	8	> 30.0	2.1	1.2	492	0.7	0.2	< 6	1.7
745208	0.8	5.9	19	0.25	113	< 1	< 2.4	8.0	< 10	28.0	1.7	20.7	< 0.01	< 2	< 8	> 30.0	2.1	2.0	544	0.5	0.1	< 6	1.2
745209	1.0	9.7	20	0.53	326	< 1	4.5	9.8	< 10	18.7	2.6	34.2	0.11	< 2	< 8	> 30.0	1.8	1.5	495	0.6	0.2	< 6	1.9
745210	1.1	13.0	< 15	0.38	228	< 1	3.5	10.9	20	16.0	2.8	40.4	0.01	< 2	< 8	> 30.0	2.2	1.8	550	0.9	0.3	< 6	3.4
745211	0.8	11.8	27	0.46	361	< 1	5.8	9.7	< 10	11.9	2.5	38.1	0.05	< 2	15	> 30.0	1.4	2.6	535	1.3	0.2	< 6	1.9
745212	2.0	4.3	< 15	0.15	148	< 1	< 2.4	3.6	< 10	7.2	1.0	59.7	< 0.01	< 2	< 8	> 30.0	0.7	1.4	327	< 0.2	< 0.1	< 6	1.8
745213	1.3	8.3	20	0.40	241	< 1	3.4	8.9	< 10	14.5	2.3	44.4	< 0.01	< 2	< 8	> 30.0	2.4	1.4	641	0.6	0.2	< 6	3.0
745214	2.1	27.3	34	0.88	591	< 1	4.8	19.4	40	19.8	5.2	79.2	0.06	< 2	< 8	29.9	3.2	2.2	476	0.3	0.3	< 6	6.1
745215	1.8	29.9	16	0.90	605	< 1	3.7	24.7	40	19.6	6.8	64.2	0.04	< 2	< 8	> 30.0	3.8	1.7	1050	0.3	0.3	< 6	5.5
745216	2.5	23.7	48	1.16	466	1	5.4	21.3	50	20.0	5.7	89.3	0.03	< 2	< 8	29.4	3.0	2.2	610	0.4	0.3	< 6	8.4
745217	2.5	9.5	62	1.16	620	2	3.6	9.7	50	13.8	2.2	101	< 0.01	< 2	< 8	28.8	1.6	0.9	238	0.5	0.2	< 6	4.6
745218	2.4	65.8	55	1.15	586	< 1	8.1	61.9	30	34.2	17.1	67.6	0.02	< 2	< 8	> 30.0	10.1	2.0	1140	1.3	0.6	< 6	14.8
745219	1.7	20.2	24	0.94	525	1	4.1	20.3	100	21.6	5.1	67.4	0.02	< 2	< 8	> 30.0	3.8	1.3	715	0.6	0.3	< 6	5.7
745220	2.2	17.6	62	1.09	551	3	4.8	15.5	310	18.0	4.3	76.5	0.03	< 2	< 8	> 30.0	2.4	1.3	689	0.8	0.3	< 6	7.4
745221	4.1	15.8	156	0.09	444	1	24.8	10.4	< 10	29.1	3.4	388	< 0.01	< 2	< 8	> 30.0	2.0	5.6	104	5.5	0.2	< 6	23.8
745222	1.7	14.7	33	1.11	569	1	4.8	12.3	30	20.5	3.2	70.1	0.04	< 2	< 8	> 30.0	2.2	1.8	879	1.2	0.2	< 6	7.5
745223	2.5	12.6	63	2.00	644	1	5.4	11.3	40	17.7	3.2	126	0.02	< 2	< 8	29.1	1.7	2.7	919	0.9	0.2	< 6	9.7
745224	2.0	35.8	36	1.06	1040	1	4.0	33.0	80	17.4	9.3	67.4	0.51	< 2	< 8	29.4	5.6	1.0	698	0.8	0.5	< 6	7.0
745225	1.8	24.9	29	0.92	647	< 1	4.9	22.2	30	19.5	6.1	77.6	0.01	< 2	< 8	> 30.0	3.3	1.0	553	0.5	0.3	< 6	8.2
745226	1.5	33.8	78	1.11	770	2	4.4	28.7	40	15.9	8.5	50.5	0.19	< 2	< 8	> 30.0	4.5	2.0	956	0.4	0.3	< 6	7.4
745227	2.7	41.8	69	1.26	474	1	5.8	33.8	40	18.8	9.8	87.7	0.01	< 2	< 8	> 30.0	5.1	1.9	496	0.9	0.5	< 6	8.5
745228	1.6	8.7	28	1.22	625	1	4.1	6.7	30	18.8	2.0	67.4	0.02	< 2	< 8	> 30.0	1.1	1.8	908	0.6	0.2	< 6	7.0
745229	2.4	27.2	40	1.63	612	< 1	4.4	16.9	30	21.6	5.0	76.3	0.04	< 2	< 8	> 30.0	2.2	1.6	714	0.5	0.3	< 6	8.2
745230	1.9	74.1	28	0.83	748	1	6.7	63.5	40	31.7	18.3	61.5	0.06	< 2	< 8	> 30.0	10.3	1.3	1190	0.5	0.7	< 6	13.9
745231	2.3	34.7	< 15	1.09	535	1	7.5	38.2	30	37.1	11.0	67.3	0.04	< 2	< 8	> 30.0	7.4	1.9	1200	1.3	0.5	< 6	12.8
745232	1.7	19.8	103	1.08	468	1	5.2	18.4	30	17.9	5.0	145	0.01	< 2	< 8	> 30.0	2.9	2.7	865	0.9	0.3	< 6	7.9
745233	2.4	38.0	92	0.92	726	< 1	4.1	30.9	60	12.1	9.3	161	0.23	< 2	< 8	> 30.0	5.5	1.5	951	0.6	0.4	< 6	7.5
745234	2.0	34.2	37	1.36	785	< 1	5.4	32.2	60	19.6	9.0	67.6	< 0.01	< 2	< 8	29.0	4.9	1.4	1040	0.8	0.5	< 6	8.1
745235	1.9	35.7	50	0.93	523	1	4.8	31.8	50	21.1	8.8	81.0	0.06	< 2	< 8	> 30.0	5.5	1.7	772	0.7	0.4	< 6	7.5
745236	2.3	11.6	51	1.28	478	2	5.5	7.5	30	22.9	2.3	99.0	0.01	< 2	< 8	> 30.0	1.5	2.0	321	0.9	0.2	< 6	11.9
745237	1.5	21.3	61	1.06	515	2	5.1	16.5	40	20.4	4.7	69.6	0.02	< 2	< 8	> 30.0	2.9	1.0	279	1.3	0.3	< 6	10.6
745238	3.1	38.9	63	1.89	649	4	8.0	32.1	80	25.1	9.3	135	0.03	< 2	< 8	29.1	6.1	2.3	246	1.7	0.7	< 6	14.0

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS _MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS _MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS _ Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS _MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745239	2.8	14.5	26	0.56	234	2	5.5	15.8	10	25.1	4.2	110	< 0.01	< 2	< 8	> 30.0	3.7	1.7	778	0.9	0.3	< 6	15.4
745240	1.9	49.3	29	3.29	729	2	7.6	45.8	150	20.8	12.6	78.6	0.03	< 2	< 8	29.2	7.7	1.9	583	1.1	0.6	< 6	12.4
745241	2.3	6.9	< 15	0.34	198	2	3.9	7.7	10	44.2	1.9	70.1	0.01	< 2	< 8	> 30.0	1.9	1.9	650	0.3	0.2	< 6	4.3
745242	2.1	20.0	38	1.28	576	2	6.4	13.1	40	22.1	4.2	112	< 0.01	< 2	< 8	> 30.0	2.5	1.7	352	1.1	0.3	< 6	11.3
745243	2.8	17.0	20	0.74	307	< 1	9.8	9.8	20	28.2	3.5	130	0.01	< 2	< 8	> 30.0	1.5	2.1	460	1.0	0.2	< 6	21.0
745244	2.2	30.0	38	1.46	499	3	6.3	21.1	50	37.7	6.2	96.5	0.02	< 2	< 8	> 30.0	4.2	1.5	297	1.0	0.4	< 6	10.3
745245	2.2	23.4	161	1.20	479	2	5.4	12.9	30	22.0	4.7	109	0.02	< 2	< 8	> 30.0	1.8	1.9	314	1.1	0.2	< 6	11.3
745246	3.0	23.1	175	2.04	743	3	8.5	20.8	60	31.8	6.0	215	0.03	< 2	< 8	28.8	3.5	3.1	332	1.1	0.4	< 6	11.6
745247	2.4	27.8	138	1.38	560	4	9.3	19.5	50	23.6	6.2	105	0.01	< 2	< 8	> 30.0	3.5	1.6	276	1.9	0.4	< 6	11.7
745248	1.9	28.6	124	1.31	575	2	6.6	17.4	40	22.9	5.3	87.8	0.05	< 2	< 8	> 30.0	2.5	1.1	306	0.7	0.3	< 6	11.0
745249	3.0	109	107	3.36	1000	1	13.2	96.8	140	17.4	26.9	160	0.09	< 2	10	27.9	16.9	2.2	1080	1.5	1.2	< 6	21.9
745250	2.0	22.4	55	0.38	201	1	3.7	14.2	20	11.3	4.2	83.2	0.02	< 2	< 8	> 30.0	2.0	1.2	388	0.5	0.2	< 6	6.7
745251	0.9	4.7	26	0.48	239	< 1	< 2.4	5.7	< 10	18.0	1.5	29.7	< 0.01	< 2	< 8	> 30.0	1.5	0.8	604	0.6	0.1	< 6	1.2
745252	0.8	9.2	17	0.40	269	< 1	2.6	9.0	10	9.7	2.5	24.7	0.01	< 2	< 8	> 30.0	1.9	0.9	589	1.9	0.2	< 6	1.2
745253	0.8	6.0	< 15	0.44	227	< 1	< 2.4	7.2	< 10	8.4	1.9	23.2	0.01	< 2	< 8	> 30.0	1.8	1.1	647	0.7	0.2	< 6	1.1
745254	0.7	6.8	< 15	0.42	206	1	< 2.4	6.8	20	5.1	1.9	25.2	0.01	< 2	< 8	> 30.0	1.6	< 0.5	634	0.2	0.2	< 6	1.1
745255	0.7	5.3	< 15	0.41	220	4	3.3	6.8	10	4.1	1.4	22.2	< 0.01	< 2	< 8	> 30.0	1.3	1.4	621	0.4	0.2	< 6	1.2
745256	0.8	6.0	< 15	0.44	269	1	3.3	7.9	10	6.5	2.0	24.6	< 0.01	< 2	< 8	> 30.0	2.0	1.1	604	1.2	0.3	< 6	1.4
745257	0.8	8.8	24	0.48	247	1	2.5	8.7	10	4.9	2.5	30.1	0.01	< 2	< 8	> 30.0	1.8	0.7	635	0.5	0.2	< 6	1.4
745258	0.7	8.0	< 15	0.29	157	< 1	< 2.4	9.0	10	3.9	2.3	21.6	< 0.01	< 2	< 8	> 30.0	2.2	0.6	688	0.7	0.2	< 6	1.4
745259	0.8	10.5	< 15	0.48	249	1	< 2.4	10.7	10	4.3	2.9	21.0	< 0.01	< 2	< 8	> 30.0	1.8	1.2	615	0.3	0.2	< 6	1.5
745260	0.9	8.1	< 15	0.37	226	< 1	3.2	9.0	10	8.9	2.4	31.0	0.01	< 2	< 8	> 30.0	1.9	1.5	569	0.9	0.2	< 6	1.7
745261	0.9	6.8	< 15	0.40	326	1	9.8	11.2	< 10	8.5	2.5	40.9	0.05	< 2	< 8	> 30.0	2.7	2.1	474	1.2	0.7	< 6	2.6
745262	0.9	7.1	< 15	0.68	300	1	2.9	8.3	10	7.1	2.6	31.7	< 0.01	< 2	< 8	> 30.0	1.8	1.6	769	1.1	0.2	< 6	1.7
745263	1.1	6.9	16	0.40	240	2	3.9	7.4	120	6.3	1.7	34.8	0.01	< 2	8	> 30.0	1.6	1.0	541	0.7	0.2	< 6	2.1
745264	0.9	5.9	16	0.44	216	< 1	< 2.4	6.7	< 10	4.1	1.7	30.6	0.02	< 2	< 8	> 30.0	1.5	1.2	568	0.5	0.1	< 6	1.5
745265	1.8	9.9	16	0.35	209	1	2.9	9.5	< 10	13.0	2.4	47.6	< 0.01	< 2	< 8	> 30.0	2.2	1.0	604	0.4	0.2	< 6	3.6
745266	1.8	6.7	< 15	0.39	189	7	< 2.4	5.6	10	11.4	1.5	65.9	0.02	< 2	< 8	> 30.0	1.1	1.3	569	0.6	< 0.1	< 6	4.5
745267	0.3	3.8	26	2.45	1490	< 1	3.6	7.7	20	< 0.8	1.5	5.3	0.19	< 2	< 8	26.5	3.4	0.7	122	0.3	0.8	< 6	0.6
745268	2.8	9.8	26	0.13	158	3	2.8	8.1	10	17.5	2.3	72.4	< 0.01	< 2	< 8	> 30.0	1.8	1.3	355	0.8	0.2	< 6	2.2
745269	2.5	3.3	187	1.26	469	2	5.7	3.4	40	12.3	0.8	125	0.02	< 2	< 8	> 30.0	0.6	1.5	274	0.6	0.2	< 6	9.7
745270	2.5	28.6	460	1.33	526	2	8.0	21.4	50	15.5	6.5	874	< 0.01	< 2	< 8	> 30.0	3.3	3.8	262	1.5	0.4	< 6	10.4
745271	2.0	14.1	125	1.27	543	< 1	7.3	19.1	20	19.5	4.7	69.8	0.03	< 2	< 8	29.6	4.4	1.7	874	0.8	0.5	< 6	8.7
745272	2.2	26.8	231	1.32	560	2	6.7	14.3	40	22.8	4.5	140	0.04	< 2	< 8	> 30.0	2.0	2.8	297	0.8	0.3	< 6	10.6
745273	2.5	10.2	79	0.59	267	< 1	6.1	13.3	10	22.6	3.2	81.7	0.01	< 2	< 8	> 30.0	3.1	15.7	815	0.5	0.3	< 6	11.4
745274	2.0	11.9	130	1.09	475	2	5.6	8.0	30	19.4	2.4	85.0	0.02	< 2	< 8	> 30.0	1.8	1.3	274	0.9	0.2	< 6	10.5
745275	1.1	15.5	21	0.77	321	2	3.7	17.4	20	7.8	4.5	36.0	0.02	< 2	< 8	> 30.0	3.2	1.7	746	0.8	0.4	< 6	3.0
745276	1.6	4.6	16	0.27	183	2	2.8	5.1	10	12.2	1.4	72.1	< 0.01	< 2	< 8	> 30.0	1.0	1.1	692	0.7	0.1	< 6	1.9
745277	0.9	6.6	26	0.38	210	< 1	< 2.4	7.6	< 10	3.4	1.9	28.6	0.01	< 2	< 8	> 30.0	1.6	1.2	541	0.5	0.2	< 6	1.4
745278	0.9	6.1	17	0.45	263	< 1	2.5	5.4	10	6.1	1.5	27.7	< 0.01	< 2	< 8	> 30.0	1.2	2.4	597	0.3	0.2	< 6	1.4
745279	1.0	9.1	19	0.54	250	3	< 2.4	9.2	< 10	5.3	2.6	30.5	0.07	< 2	< 8	> 30.0	1.9	< 0.5	675	0.3	0.2	< 6	1.1
745280	0.9	5.3	18	0.41	219	3	< 2.4	5.3	30	4.7	1.7	29.0	< 0.01	< 2	< 8	> 30.0	1.1	1.8	605	0.8	< 0.1	< 6	1.9
745281	0.8	11.7	17	0.43	233	1	3.0	12.1	< 10	5.0	3.1	25.1	0.02	< 2	< 8	> 30.0	2.5	1.4	619	0.4	0.2	< 6	2.0
745282	0.9	11.0	36	0.48	294	< 1	2.8	10.4	10	7.0	3.1	59.5	0.01	< 2	< 8	> 30.0	1.8	1.0	569	0.3	0.2	< 6	2.1
745283	0.9	16.5	27	0.59	278	2	5.1	17.8	30	5.2	4.7	23.4	0.02	< 2	< 8	> 30.0	3.8	0.9	752	0.4	0.5	< 6	2.6
745284	0.8	7.5	21	0.40	229	< 1	2.8	8.3	< 10	4.9	2.0	23.1	< 0.01	< 2	< 8	> 30.0	2.0	1.1	579	0.9	0.2	< 6	1.4
745285	0.8	8.5	22	0.36	217	1	3.0	9.7	10	6.4	2.3	59.0	< 0.01	< 2	< 8	> 30.0	2.4	1.1	503	0.5	0.2	< 6	1.7
745286	0.9	2.3	30	0.39	237	1	3.4	3.5	10	8.2	0.7	59.7	0.01	< 2	< 8	> 30.0	1.2	1.5	512	0.3	0.2	< 6	1.5
745287	1.0	15.0	18	0.64	372	< 1	5.5	19.3	10	5.2	4.7	22.5	< 0.01	< 2	< 8	> 30.0	4.3	2.2	651	0.5	0.4	< 6	3.5
745288	0.9	6.6	63	0.39	254	< 1	3.6	9.3	< 10	4.1	2.3	31.8	< 0.01	< 2	< 8	> 30.0	2.1	0.8	553	0.6	0.2	< 6	1.7
745289	1.8	8.6	54	0.31	255	1	5.7	8.8	< 10	8.8	2.2	46.1	< 0.01	< 2	< 8	> 30.0	1.9	1.2	474	0.6	0.2	< 6	2.0
745290	3.5	2.0	40	0.03	830	41	40.4	1.6	< 10	7.4	0.6	501	0.01	< 2	< 8	> 30.0	0.9	6.4	14	16.1	0.2	< 6	4.0

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745291	1.8	19.6	59	1.24	592	38	6.6	14.0	50	24.1	4.0	92.3	0.01	< 2	< 8	> 30.0	2.3	1.2	277	0.5	0.4	< 6	11.7
745292	1.2	10.6	52	0.47	342	< 1	3.5	9.1	< 10	9.3	2.6	43.2	< 0.01	< 2	< 8	> 30.0	1.6	0.7	724	0.3	0.2	< 6	3.1
745293	2.6	22.3	201	1.86	437	4	11.1	17.6	40	25.7	5.1	466	< 0.01	< 2	< 8	> 30.0	4.0	4.9	231	1.0	0.5	< 6	24.1
745294	3.1	27.6	321	1.56	489	7	7.6	18.9	50	28.2	5.9	251	< 0.01	< 2	< 8	29.2	3.7	8.0	376	0.6	0.3	< 6	13.7
745295	1.2	6.5	22	0.45	221	< 1	4.4	8.5	< 10	12.6	2.2	41.2	< 0.01	< 2	< 8	> 30.0	1.8	0.9	590	0.4	0.2	< 6	3.9
745296	1.9	13.0	20	0.40	160	< 1	3.4	11.4	20	15.1	3.0	54.1	< 0.01	< 2	< 8	> 30.0	1.7	2.2	704	0.4	0.2	< 6	5.0
745297	1.0	9.8	< 15	0.54	307	< 1	3.3	11.3	10	8.5	3.0	22.8	< 0.01	< 2	< 8	> 30.0	2.5	1.2	627	0.3	0.3	< 6	1.7
745298	0.8	7.9	19	0.42	243	1	< 2.4	8.6	< 10	8.9	2.2	30.9	< 0.01	< 2	< 8	> 30.0	1.8	1.0	512	0.6	0.2	< 6	1.4
745299	3.0	10.3	< 15	0.13	110	< 1	3.3	7.2	10	30.6	2.0	105	< 0.01	< 2	< 8	> 30.0	1.1	0.8	537	0.6	0.1	< 6	5.7
745300	2.1	54.9	31	0.66	305	< 1	7.9	47.5	10	14.8	12.8	68.5	0.02	< 2	< 8	29.8	7.8	1.7	886	0.6	0.5	< 6	12.3
745301	2.3	79.9	54	2.32	864	1	8.0	55.6	50	10.1	14.7	105	0.05	< 2	< 8	26.4	8.7	1.7	687	0.6	0.6	< 6	11.1
745302	0.7	17.1	70	1.49	1060	3	4.2	14.7	30	15.7	4.3	59.7	0.05	< 2	< 8	25.8	2.6	2.1	2170	0.9	0.3	< 6	7.7
745303	1.7	31.8	35	0.85	611	2	4.0	28.0	40	19.1	7.9	50.2	0.05	< 2	< 8	> 30.0	4.1	0.6	692	0.8	0.3	< 6	6.4
745304	2.4	31.4	40	0.95	441	2	5.5	27.9	70	22.3	8.1	85.4	0.08	< 2	< 8	29.7	4.9	1.3	546	0.6	0.4	< 6	8.6
745305	2.1	26.0	55	1.24	570	1	4.9	25.1	50	18.9	6.7	70.3	0.06	< 2	< 8	29.6	4.3	0.8	780	1.0	0.3	< 6	8.0
745306	1.3	26.7	31	1.63	580	< 1	4.1	22.8	50	75.2	6.8	42.1	0.12	< 2	< 8	29.3	4.2	0.7	608	0.9	0.4	< 6	6.8
745307	1.8	48.8	31	1.07	506	2	5.3	28.3	30	18.0	11.2	79.8	0.07	< 2	< 8	> 30.0	3.8	1.2	597	3.3	0.2	< 6	8.8
745308	2.8	39.7	35	1.04	328	1	4.7	30.6	30	17.2	9.5	94.3	0.04	< 2	< 8	> 30.0	4.2	2.0	464	0.4	0.3	< 6	7.5
745309	1.7	16.3	25	1.14	452	< 1	5.2	19.0	30	14.0	4.8	69.2	< 0.01	< 2	< 8	> 30.0	3.8	0.9	700	0.7	0.4	< 6	4.1
745310	3.5	24.7	43	1.12	439	2	6.4	22.4	50	19.7	6.5	109	< 0.01	< 2	< 8	30.0	4.1	2.7	510	0.5	0.5	< 6	10.4
745311	3.4	19.0	43	1.17	310	2	5.2	17.7	40	22.2	5.1	113	< 0.01	< 2	< 8	28.6	3.1	1.6	488	0.9	0.3	< 6	9.7
745312	3.3	24.7	44	1.02	425	2	4.0	22.7	40	17.4	6.9	98.0	0.03	< 2	< 8	> 30.0	3.1	1.7	399	0.4	0.2	< 6	5.9
745313	1.4	24.6	26	0.78	648	< 1	5.1	22.6	40	22.0	6.7	77.5	0.13	< 2	10	> 30.0	3.9	0.7	686	0.6	0.3	< 6	7.7
745314	1.8	34.7	54	1.14	860	< 1	4.0	31.0	50	19.0	8.8	80.0	0.18	< 2	< 8	29.1	4.8	1.0	530	1.0	0.4	< 6	6.6
745315	2.4	29.9	46	1.46	526	1	5.2	30.0	60	23.5	8.1	81.1	0.07	< 2	< 8	28.6	5.9	1.6	516	1.0	0.4	< 6	9.3
745316	1.6	32.1	37	1.15	618	< 1	4.6	27.9	60	16.0	8.1	52.4	0.09	< 2	< 8	29.2	4.8	2.3	588	1.8	0.4	< 6	7.4
745317	2.4	28.8	18	1.19	579	< 1	5.2	27.3	60	11.0	7.7	74.7	< 0.01	< 2	< 8	28.6	5.3	1.1	892	4.5	0.4	< 6	8.7
745318	1.5	31.7	28	1.30	547	< 1	6.2	29.1	50	8.3	8.8	48.0	< 0.01	< 2	< 8	29.3	5.1	0.9	699	0.9	0.4	< 6	9.2
745319	1.6	44.1	40	1.29	597	2	7.7	39.1	40	10.5	11.4	106	0.14	< 2	< 8	> 30.0	5.6	3.3	438	1.1	0.4	< 6	14.6
745320	1.7	23.8	73	1.10	518	< 1	4.3	19.9	50	21.2	5.9	54.5	0.04	< 2	< 8	> 30.0	3.1	0.7	772	1.4	0.2	< 6	6.2
745321	1.7	20.2	38	1.07	474	< 1	4.2	18.2	30	19.1	5.0	59.6	0.01	< 2	< 8	> 30.0	3.4	1.4	662	0.9	0.3	< 6	6.4
745322	1.8	21.8	136	0.93	506	2	4.6	14.2	60	18.2	3.8	84.8	0.02	< 2	< 8	> 30.0	2.6	0.8	621	0.9	0.2	< 6	7.3
745323	2.3	24.6	145	1.29	668	1	4.4	21.8	60	18.2	6.0	390	0.14	< 2	< 8	29.9	3.5	5.9	767	1.9	0.2	< 6	6.8
745324	1.5	19.8	87	1.02	456	2	3.8	15.9	30	18.8	4.5	59.0	0.07	< 2	< 8	> 30.0	2.9	1.0	687	0.3	0.3	< 6	5.6
745325	2.4	12.0	109	0.80	555	1	4.7	10.9	40	21.0	3.2	75.3	0.01	< 2	< 8	> 30.0	2.0	1.6	606	0.3	0.2	< 6	6.5
745326	3.4	33.7	47	1.11	601	1	6.5	29.8	70	22.6	8.7	131	0.10	< 2	< 8	29.1	5.1	1.3	344	0.5	0.4	< 6	7.7
745327	2.2	42.7	39	1.76	788	< 1	4.2	38.9	70	16.7	11.1	117	0.03	< 2	8	26.3	6.3	1.2	886	0.7	0.4	< 6	8.7
745328	1.6	41.3	97	1.96	698	1	4.0	36.2	70	11.5	10.0	67.8	0.01	< 2	< 8	27.5	5.7	2.0	697	0.3	0.5	< 6	8.5
745329	2.6	42.8	107	1.00	391	6	5.3	33.4	30	22.6	9.5	99.2	< 0.01	< 2	< 8	> 30.0	5.0	1.1	633	0.4	0.3	< 6	9.9
745330	2.0	12.8	53	1.11	539	1	4.6	12.1	40	14.6	3.5	84.1	0.03	< 2	< 8	28.0	2.3	0.6	694	0.7	0.2	< 6	6.6
745331	2.0	33.9	62	0.93	640	1	5.5	29.5	40	20.6	7.9	207	0.14	< 2	< 8	29.5	4.8	1.3	812	0.7	0.4	< 6	8.1
745332	2.1	31.5	31	1.10	698	3	4.9	25.7	50	16.0	7.5	66.0	0.10	< 2	< 8	> 30.0	4.6	1.0	632	0.4	0.4	< 6	7.8
745333	2.7	12.9	31	1.02	383	6	4.4	11.1	20	14.0	3.6	86.9	0.02	< 2	< 8	> 30.0	1.8	0.9	528	0.6	0.2	< 6	4.0
745334	1.6	29.3	26	0.95	339	< 1	3.1	25.6	50	10.0	7.0	47.9	0.10	< 2	< 8	> 30.0	3.9	1.2	574	0.3	0.3	< 6	4.8
745335	0.9	12.8	30	0.73	312	< 1	3.7	13.0	20	37.7	3.6	31.4	< 0.01	< 2	< 8	> 30.0	2.7	1.6	613	0.7	0.3	< 6	2.1
745336	0.6	8.1	< 15	0.47	260	< 1	3.6	9.4	20	14.7	2.4	7.0	< 0.01	< 2	< 8	29.4	2.4	< 0.5	486	0.5	0.3	< 6	1.8
745337	1.4	9.3	32	0.32	178	2	2.7	8.7	10	15.4	2.3	50.3	< 0.01	< 2	< 8	> 30.0	1.8	1.2	536	0.2	0.1	< 6	2.7
745338	1.0	11.3	19	0.52	365	< 1	3.9	12.3	20	10.9	3.2	35.1	0.01	< 2	< 8	> 30.0	2.7	2.0	618	0.8	0.3	< 6	2.3
745339	1.0	6.0	20	0.54	262	1	3.5	10.0	20	4.9	2.7	33.2	< 0.01	< 2	< 8	> 30.0	2.7	1.1	624	0.2	0.3	< 6	2.2
745340	2.1	10.1	24	0.48	223	2	3.1	8.3	20	23.6	2.6	61.8	< 0.01	< 2	< 8	> 30.0	1.6	1.3	559	0.7	0.2	< 6	5.6
745341	0.8	14.9	< 15	0.54	292	2	3.8	14.5	10	6.5	3.6	12.7	< 0.01	< 2	8	> 30.0	2.2	3.0	569	0.2	0.2	< 6	2.3
745342	0.9	13.6	23	0.51	311	2	3.1	14.0	10	5.8	3.6	35.5	0.04	< 2	< 8	> 30.0	2.8	1.3	579	0.6	0.3	< 6	2.1

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745343	0.9	6.1	16	0.42	247	1	< 2.4	7.0	30	14.2	1.7	24.7	< 0.01	< 2	< 8	> 30.0	1.4	0.9	534	0.3	0.2	< 6	1.3
745344	1.0	3.2	18	0.40	217	2	2.5	5.0	10	4.7	1.4	25.3	0.01	< 2	12	> 30.0	1.4	1.5	476	0.6	0.1	< 6	1.4
745345	1.1	6.7	< 15	0.49	215	1	3.0	7.3	< 10	7.1	2.0	32.4	0.01	< 2	< 8	> 30.0	1.9	0.7	518	0.3	0.2	< 6	2.3
745346	0.8	7.5	16	0.45	184	< 1	< 2.4	7.8	10	7.8	2.1	21.1	< 0.01	< 2	< 8	> 30.0	1.5	1.1	502	1.3	0.2	< 6	1.5
745347	3.2	16.2	< 15	0.11	119	< 1	3.3	11.8	< 10	31.8	3.9	111	< 0.01	< 2	< 8	> 30.0	1.8	1.1	555	1.0	0.2	< 6	7.3
745348	1.9	7.8	28	0.41	240	2	4.0	7.6	< 10	12.2	2.1	55.5	< 0.01	< 2	< 8	> 30.0	1.9	1.3	597	0.4	0.1	< 6	4.6
745349	1.7	4.4	22	0.34	202	< 1	3.1	5.2	10	9.0	1.3	47.4	0.03	< 2	< 8	> 30.0	1.1	1.0	378	0.8	0.2	< 6	2.0
745350	1.0	7.6	25	0.36	190	< 1	2.4	7.7	< 10	6.7	2.2	32.8	< 0.01	< 2	< 8	> 30.0	1.6	0.8	474	0.2	0.1	< 6	1.8
745351	1.1	10.3	39	0.42	281	< 1	3.4	11.2	10	4.4	3.0	23.6	< 0.01	< 2	< 8	> 30.0	2.5	1.0	567	0.9	0.2	< 6	1.5
745352	1.1	11.7	21	0.50	304	< 1	4.6	14.3	10	3.3	3.4	25.7	< 0.01	< 2	< 8	> 30.0	3.0	1.3	571	0.6	0.3	< 6	1.6
745353	1.2	22.6	29	0.44	629	2	7.8	34.5	10	5.5	7.6	99.3	< 0.01	< 2	11	> 30.0	5.2	3.0	793	1.6	0.5	< 6	3.5
745354	0.9	10.5	44	0.42	375	1	< 2.4	14.6	10	5.2	3.7	23.8	< 0.01	< 2	< 8	> 30.0	2.6	1.0	673	0.3	0.3	< 6	0.6
745355	1.2	4.4	33	0.29	207	23	3.4	5.5	10	6.7	1.4	30.0	< 0.01	< 2	9	> 30.0	1.8	1.0	459	0.8	0.2	< 6	1.5
745356	0.9	8.9	47	0.43	263	< 1	3.4	9.8	30	11.1	2.7	26.5	< 0.01	< 2	< 8	> 30.0	2.1	0.6	507	0.2	0.3	< 6	1.9
745357	1.9	12.4	46	1.21	436	5	5.5	7.7	40	25.9	2.2	87.6	0.02	< 2	< 8	> 30.0	1.5	0.8	286	0.6	0.3	< 6	10.2
745358	4.5	28.5	110	2.25	584	13	8.1	24.4	80	22.0	7.0	191	0.03	< 2	9	26.0	4.3	1.9	216	0.6	0.5	< 6	13.7
745359	2.0	26.4	119	1.34	474	3	6.0	18.9	50	22.7	5.4	118	0.02	< 2	< 8	> 30.0	3.2	1.7	279	1.2	0.3	< 6	11.4
745360	2.4	19.6	128	1.32	592	2	6.9	15.2	50	23.6	4.5	113	0.04	< 2	< 8	> 30.0	3.3	1.4	292	0.8	0.3	< 6	12.9
745361	2.5	22.9	35	1.12	503	2	11.0	17.4	30	19.6	4.7	149	0.02	< 2	< 8	> 30.0	3.2	1.2	233	2.9	0.3	< 6	11.1
745362	2.6	36.3	68	1.33	444	1	6.6	30.3	40	21.2	9.1	93.5	0.01	< 2	< 8	29.7	4.9	1.1	596	0.7	0.4	< 6	13.4
745363	2.6	29.5	55	0.39	218	< 1	8.8	24.3	10	31.9	7.3	102	< 0.01	< 2	< 8	> 30.0	3.6	1.6	902	1.3	0.3	< 6	13.5
745364	1.2	10.8	82	0.46	330	< 1	3.4	11.9	10	8.8	3.0	45.8	< 0.01	< 2	< 8	> 30.0	1.8	0.9	700	0.8	0.2	< 6	3.5
745365	2.2	34.5	137	1.53	588	3	6.4	26.3	50	24.2	7.8	102	0.10	< 2	< 8	29.2	4.2	1.0	269	1.0	0.5	< 6	12.1
745366	2.6	52.2	245	2.24	831	< 1	6.8	48.9	40	17.0	14.1	200	0.08	< 2	< 8	27.6	8.6	1.3	552	0.5	0.8	< 6	9.8
745367	1.9	18.4	39	1.10	439	3	5.2	16.8	30	36.5	5.1	66.6	0.04	< 2	9	> 30.0	2.7	5.1	303	0.4	0.3	< 6	10.4
745368	1.7	30.6	107	1.77	528	3	4.7	21.7	40	28.3	6.4	274	0.06	< 2	< 8	29.4	3.3	9.0	332	0.5	0.4	< 6	10.8
745369	2.4	44.8	189	5.86	1430	2	5.3	52.5	130	14.4	13.6	140	0.02	< 2	9	24.5	7.7	5.6	299	0.6	0.9	< 6	7.0
745370	3.1	47.6	42	0.54	213	1	6.6	33.5	10	38.2	9.8	114	< 0.01	< 2	9	> 30.0	4.9	4.7	745	0.8	0.3	< 6	15.2
745371	2.4	30.0	40	1.35	536	3	6.7	25.8	40	30.7	6.8	106	< 0.01	< 2	< 8	> 30.0	4.0	4.8	225	0.9	0.4	< 6	11.3
745372	2.2	8.8	31	0.65	273	2	5.3	8.5	20	27.8	2.2	67.1	< 0.01	< 2	< 8	> 30.0	2.4	4.1	547	0.3	0.3	< 6	9.6
745373	1.1	3.6	25	0.39	233	3	3.8	6.9	10	8.2	1.6	38.2	0.01	< 2	10	> 30.0	1.8	3.8	539	0.3	0.3	< 6	1.6
745374	1.0	5.0	26	0.44	252	< 1	3.5	8.6	10	9.1	2.0	36.4	< 0.01	< 2	< 8	> 30.0	2.1	3.2	583	0.3	0.3	< 6	1.6
745375	2.4	9.2	< 15	0.26	167	1	3.8	10.7	10	28.6	2.5	68.4	< 0.01	< 2	9	> 30.0	1.7	3.7	637	0.3	0.2	< 6	6.8
745376	1.4	4.3	26	0.29	234	2	5.1	8.1	10	11.2	1.9	36.7	< 0.01	< 2	< 8	> 30.0	2.2	3.5	532	0.8	0.3	< 6	1.6
745377	2.3	37.2	50	1.08	358	< 1	8.2	31.8	30	29.2	9.2	90.5	< 0.01	< 2	9	> 30.0	5.1	4.2	954	1.0	0.4	< 6	15.5
745378	2.5	24.1	57	1.44	584	3	6.9	20.5	50	24.5	5.8	102	0.02	< 2	10	> 30.0	2.8	4.0	325	0.6	0.4	< 6	11.0
745379	1.2	13.4	44	2.51	801	1	5.2	14.6	60	44.6	4.1	81.3	< 0.01	< 2	9	29.3	2.6	4.3	680	0.3	0.4	< 6	8.4
745380	1.6	14.2	51	1.05	565	1	5.0	14.6	30	19.8	4.0	67.9	0.05	< 2	< 8	> 30.0	1.9	3.1	594	0.8	0.3	< 6	6.5
745381	1.0	11.6	117	0.88	344	3	4.7	9.4	10	6.4	2.6	143	0.03	< 2	< 8	> 30.0	1.1	3.1	264	0.6	0.2	< 6	2.2
745382	0.3	3.1	71	4.87	1450	1	< 2.4	5.4	80	3.3	1.2	10.0	0.01	< 2	10	25.1	1.3	2.8	92	< 0.2	0.4	< 6	0.6
745383	3.0	4.7	21	0.16	200	1	4.0	4.8	20	24.1	1.3	89.5	< 0.01	< 2	< 8	> 30.0	1.0	2.9	455	0.3	0.2	< 6	3.1
745384	1.1	9.7	25	0.41	261	< 1	2.9	10.3	10	7.1	2.8	38.2	< 0.01	< 2	9	> 30.0	1.8	3.0	525	0.2	0.2	< 6	1.7
745385	1.3	5.0	26	0.37	235	< 1	3.1	7.1	10	8.5	1.7	37.5	< 0.01	< 2	10	> 30.0	1.3	2.4	499	0.2	0.2	< 6	1.4
745386	1.1	3.2	52	0.28	245	1	3.0	5.1	< 10	9.9	1.1	45.9	0.01	< 2	< 8	> 30.0	1.4	2.7	421	0.2	0.2	< 6	1.3
745387	0.7	4.5	32	0.29	259	1	40.3	5.6	< 10	7.7	1.3	96.7	0.02	< 2	10	> 30.0	1.6	9.6	94	2.9	0.7	< 6	7.5
745388	1.8	28.4	43	1.29	709	2	6.0	20.2	50	21.3	6.3	83.8	0.08	< 2	< 8	> 30.0	3.1	2.8	301	0.6	0.4	< 6	11.7
745389	3.3	23.7	90	1.26	307	4	10.2	15.7	40	28.6	4.6	131	< 0.01	< 2	9	> 30.0	2.4	2.7	287	1.3	0.3	< 6	18.9
745390	2.2	34.0	65	1.45	644	2	7.2	24.3	40	25.8	6.4	116	0.02	< 2	10	> 30.0	3.6	4.4	309	0.6	0.3	< 6	11.7
745391	2.6	33.7	59	1.63	563	2	6.6	26.8	110	27.6	7.0	95.6	0.02	< 2	< 8	29.8	4.3	4.2	335	1.0	0.5	< 6	10.2
745392	2.4	32.8	44	1.58	691	3	7.1	23.5	50	24.3	6.5	107	0.03	< 2	9	> 30.0	3.7	3.7	254	0.5	0.5	< 6	10.0
745393	1.9	30.9	44	1.25	585	2	5.9	20.7	30	23.7	6.1	87.6	0.08	< 2	< 8	> 30.0	2.8	3.3	309	0.9	0.3	< 6	10.1
745394	1.6	40.9	59	1.03	838	2	5.3	39.5	90	17.8	10.4	63.5	0.07	< 2	12	> 30.0	5.3	1.8	832	1.4	0.5	< 6	6.4

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745395	2.3	30.7	56	1.21	482	2	6.4	17.8	30	24.5	5.3	76.0	0.03	< 2	< 8	28.9	2.8	2.7	833	1.0	0.4	< 6	9.6
745396	1.8	29.9	55	1.01	495	3	4.4	25.5	40	17.2	7.3	74.9	< 0.01	< 2	10	> 30.0	4.0	3.0	642	0.7	0.4	< 6	5.3
745397	1.9	17.9	48	1.10	620	4	5.6	18.0	60	34.9	5.0	93.3	< 0.01	< 2	10	> 30.0	3.0	4.5	797	0.7	0.4	< 6	5.4
745398	1.1	16.4	33	1.16	532	< 1	4.5	17.3	40	20.2	4.1	38.2	< 0.01	< 2	< 8	> 30.0	2.6	2.5	793	0.5	0.3	< 6	5.5
745399	2.0	26.9	49	1.34	602	4	5.0	24.5	60	17.3	6.5	72.3	0.01	< 2	< 8	29.8	3.3	2.2	743	0.4	0.4	< 6	6.8
745400	2.7	28.8	66	1.14	445	1	5.5	26.5	30	64.5	6.7	94.9	< 0.01	< 2	9	> 30.0	3.4	2.6	454	0.5	0.3	< 6	7.8
745401	2.5	35.1	382	1.63	585	3	8.3	24.7	40	30.1	7.3	118	0.04	< 2	9	> 30.0	4.0	2.8	341	1.2	0.4	< 6	10.5
745402	2.3	14.3	40	0.36	191	< 1	5.5	14.3	10	21.9	3.9	80.6	< 0.01	< 2	9	> 30.0	2.9	2.9	680	0.9	0.3	< 6	7.2
745403	1.6	35.1	148	1.09	385	1	5.6	35.2	40	21.6	9.8	99.4	0.05	< 2	11	> 30.0	4.7	3.2	781	1.0	0.5	< 6	7.7
745404	1.9	32.0	62	1.38	600	3	6.8	21.6	30	23.5	6.7	81.9	0.04	< 2	< 8	> 30.0	3.1	2.4	266	1.0	0.4	< 6	13.4
745405	1.7	11.1	43	1.09	410	3	5.2	8.6	30	18.9	2.5	71.5	< 0.01	< 2	9	> 30.0	1.1	2.0	233	0.6	0.3	< 6	8.8
745406	1.5	4.2	38	0.39	253	< 1	3.9	7.5	10	8.6	1.7	37.2	< 0.01	< 2	10	> 30.0	1.6	3.0	525	0.3	0.2	< 6	1.3
745407	0.3	8.9	30	2.65	1810	< 1	7.6	19.7	60	3.8	4.4	18.4	0.13	< 2	< 8	23.7	5.2	2.9	115	0.6	1.3	< 6	0.8
745408	1.6	9.1	29	0.36	242	1	3.3	10.3	20	7.2	2.6	37.8	< 0.01	< 2	< 8	> 30.0	1.9	2.0	492	0.3	0.2	< 6	1.6
745409	0.2	11.2	18	1.19	405	< 1	5.4	16.8	40	10.6	3.8	6.0	< 0.01	< 2	8	> 30.0	3.8	3.0	643	0.4	0.3	< 6	1.6
745410	1.9	42.1	46	1.26	765	< 1	5.0	38.6	60	27.4	10.4	76.2	0.01	< 2	9	> 30.0	5.6	2.0	884	0.3	0.4	< 6	7.0
745411	3.1	21.6	56	1.05	407	2	5.7	20.3	40	26.5	5.4	110	0.04	< 2	10	> 30.0	2.3	2.9	540	0.5	0.2	< 6	6.7
745412	1.7	35.8	48	1.06	663	1	4.4	31.7	60	19.8	8.8	72.6	0.06	< 2	12	> 30.0	4.8	2.4	831	0.3	0.4	< 6	6.0
745413	1.8	32.8	62	1.04	782	< 1	4.2	33.2	50	20.1	9.0	69.5	0.02	< 2	10	> 30.0	4.1	2.1	847	0.3	0.4	< 6	6.7
745414	2.5	21.8	90	1.15	641	1	5.2	18.9	70	22.0	4.9	79.5	0.02	< 2	9	> 30.0	2.8	2.1	707	0.8	0.3	< 6	6.7
745415	1.7	37.1	48	2.07	746	< 1	4.6	36.8	90	21.9	10.0	79.4	< 0.01	< 2	10	29.3	5.9	2.2	566	0.4	0.5	< 6	6.7
745416	2.0	25.2	88	1.27	452	< 1	4.7	23.4	60	19.6	6.4	85.4	< 0.01	< 2	< 8	> 30.0	3.2	1.9	871	0.8	0.3	< 6	6.2
745417	1.5	89.1	53	1.33	582	1	8.4	79.3	40	33.5	21.7	53.0	0.05	< 2	9	> 30.0	10.4	2.1	818	0.5	0.7	< 6	14.1
745418	2.2	15.3	63	1.32	471	< 1	4.7	16.4	50	19.8	4.5	85.3	0.02	< 2	10	> 30.0	2.6	1.6	989	0.7	0.3	< 6	6.6
745419	3.2	42.7	108	2.02	702	3	8.5	30.9	70	23.6	8.6	139	0.04	< 2	10	28.1	4.8	2.3	190	0.8	0.6	< 6	12.2
745420	2.1	35.4	69	1.29	532	1	7.1	35.8	50	24.3	9.5	92.8	< 0.01	< 2	12	29.8	5.1	1.8	1330	0.4	0.5	< 6	12.1
745421	1.9	34.4	79	1.18	643	1	4.7	32.8	40	26.3	9.3	65.4	0.02	< 2	11	> 30.0	4.7	1.9	748	0.7	0.5	< 6	6.2
745422	2.9	19.2	84	1.59	548	3	7.6	15.2	60	26.7	4.5	126	0.01	< 2	9	> 30.0	2.7	1.9	306	1.0	0.4	< 6	10.6
745423	3.4	16.6	128	1.54	355	2	8.9	11.8	40	21.8	3.2	139	< 0.01	< 2	9	> 30.0	2.2	3.3	161	0.8	0.4	< 6	15.6
745424	0.3	5.3	36	1.07	2150	2	2.7	7.3	50	5.1	1.9	9.4	0.02	< 2	8	27.8	1.6	2.3	466	0.7	0.5	< 6	1.0
745425	0.3	7.3	28	3.18	2020	1	6.7	17.4	60	4.2	3.3	18.5	0.13	< 2	10	22.8	4.8	2.3	111	0.4	1.1	< 6	0.7
745426	0.3	8.5	30	2.97	1850	3	6.5	19.5	70	4.3	4.1	14.5	0.14	< 2	10	23.8	5.0	3.0	115	1.0	1.1	< 6	0.7
745427	2.2	32.8	70	1.84	683	3	7.4	26.5	100	25.1	7.6	89.6	0.02	< 2	10	> 30.0	4.0	2.3	395	0.6	0.5	< 6	10.8
745428	3.2	37.0	76	1.93	604	4	8.1	28.0	110	24.0	7.5	118	0.01	< 2	< 8	28.6	4.4	2.5	213	0.6	0.5	< 6	10.8
745429	2.0	26.0	75	1.33	548	3	7.1	21.1	50	24.4	6.3	78.1	0.03	< 2	< 8	> 30.0	3.1	1.8	312	0.9	0.4	< 6	10.8
745430	2.0	19.0	55	1.20	500	2	5.6	15.4	50	23.8	4.7	81.5	0.02	< 2	11	> 30.0	2.0	2.6	307	1.8	0.3	< 6	10.2
745431	1.7	12.9	28	0.44	291	< 1	4.2	11.5	20	17.2	3.0	68.9	< 0.01	< 2	10	> 30.0	1.8	3.1	430	0.3	0.3	< 6	4.3
745432	1.3	8.1	25	0.44	293	1	< 2.4	8.1	20	20.5	2.0	36.5	0.02	< 2	< 8	> 30.0	1.5	2.0	491	0.9	0.2	< 6	1.1
745433	2.3	34.8	84	1.46	576	3	6.8	26.4	50	26.6	7.5	129	0.05	< 2	8	> 30.0	3.3	2.5	301	1.1	0.5	< 6	10.7
745434	2.7	27.6	179	0.57	247	2	7.7	23.4	20	33.2	6.7	89.7	< 0.01	< 2	9	> 30.0	3.6	3.2	940	1.0	0.3	< 6	14.5
745435	2.5	24.6	118	1.51	545	3	6.9	17.7	60	27.4	4.6	99.6	< 0.01	< 2	12	> 30.0	2.5	1.9	285	0.9	0.3	< 6	10.3
745436	2.1	13.4	92	1.21	600	4	6.0	9.2	40	22.1	2.5	88.6	0.02	< 2	< 8	> 30.0	1.3	2.2	271	0.8	0.2	< 6	9.5
745437	2.0	25.8	62	1.24	673	2	6.2	20.9	50	23.4	6.1	89.8	0.07	< 2	10	> 30.0	3.6	2.3	377	1.0	0.4	< 6	10.7
745438	2.0	33.8	127	1.45	499	3	7.0	27.0	50	24.5	7.8	166	0.04	< 2	< 8	> 30.0	4.0	3.4	389	0.6	0.5	< 6	10.2
745439	1.5	21.8	23	0.72	278	2	6.0	15.6	30	20.5	4.3	76.3	< 0.01	< 2	10	> 30.0	2.0	1.8	426	0.7	0.3	< 6	8.4
745440	2.8	16.6	47	1.51	569	3	7.1	15.3	60	29.5	4.2	115	< 0.01	< 2	10	> 30.0	2.1	3.0	423	0.6	0.3	< 6	10.6
745441	2.0	12.7	32	1.32	434	3	6.3	10.3	40	25.4	2.8	80.4	< 0.01	< 2	8	> 30.0	1.3	2.1	304	0.5	0.2	< 6	10.8
745442	1.7	49.9	39	2.68	1120	4	5.2	57.0	30	17.0	14.8	61.6	0.21	< 2	10	25.7	7.9	2.2	1240	0.6	0.8	< 6	7.4
745443	3.7	11.0	108	0.97	214	4	5.1	8.2	30	26.0	2.5	106	< 0.01	< 2	< 8	> 30.0	1.4	2.8	345	0.4	0.1	< 6	10.8
745444	3.7	47.7	54	0.96	393	5	7.1	41.0	100	21.1	10.6	101	< 0.01	< 2	9	> 30.0	5.1	2.1	516	0.5	0.4	< 6	9.3
745445	2.3	19.9	61	1.21	643	3	5.4	20.3	60	23.7	5.4	99.2	0.10	< 2	8	> 30.0	3.1	2.1	577	0.3	0.2	< 6	6.9
745446	1.9	42.5	80	1.11	595	1	5.7	39.3	60	23.6	10.4	67.9	0.08	< 2	< 8	30.0	4.5	1.3	781	0.5	0.4	< 6	6.9

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2- %	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 %	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745447	4.3	22.2	74	0.95	615	2	4.8	20.4	40	12.1	5.5	217	< 0.01	< 2	9	29.9	3.2	2.1	1060	0.9	0.3	< 6	5.4
745448	2.1	28.1	76	1.81	745	1	3.9	30.0	50	15.1	7.6	95.3	< 0.01	< 2	12	28.9	4.9	1.6	789	0.6	0.4	< 6	6.8
745449	1.7	18.5	49	0.75	448	2	4.7	15.4	40	22.5	4.4	82.1	< 0.01	< 2	10	> 30.0	2.5	1.6	687	0.9	0.2	< 6	5.9
745450	2.0	27.2	106	2.07	565	2	4.9	30.2	100	21.7	7.7	77.4	0.01	< 2	9	29.5	3.9	1.5	925	0.7	0.4	< 6	8.6
745451	2.1	25.6	328	1.31	578	2	7.7	21.0	50	20.5	6.5	390	< 0.01	< 2	< 8	28.4	3.2	3.7	522	1.5	0.4	< 6	11.9
745452	2.3	24.0	283	1.31	568	2	6.2	20.1	40	24.2	5.5	180	< 0.01	< 2	11	> 30.0	2.9	2.7	309	1.1	0.4	< 6	9.8
745453	0.4	17.8	24	1.37	1620	5	12.5	36.0	20	6.6	7.3	25.5	0.05	< 2	17	25.1	9.9	4.9	143	1.0	2.0	< 6	1.7
745454	1.8	29.2	239	1.41	591	3	6.2	26.0	50	22.8	6.8	148	0.08	< 2	10	> 30.0	4.1	3.4	345	1.1	0.4	< 6	10.4
745455	2.5	11.8	174	1.74	3270	6	2.8	11.3	80	15.7	2.6	45.3	< 0.01	5	13	29.2	2.0	2.2	140	0.7	0.4	< 6	1.8
745456	1.7	19.1	111	1.18	461	3	5.3	19.0	50	18.3	5.2	103	< 0.01	< 2	< 8	> 30.0	3.1	1.8	659	1.0	0.4	< 6	7.2
745457	1.7	24.8	113	1.07	496	3	4.9	26.7	50	19.7	7.1	67.7	0.02	< 2	8	> 30.0	3.4	0.9	631	0.5	0.3	< 6	7.2
745458	1.7	56.9	121	1.15	488	2	6.1	55.0	50	22.8	15.7	74.9	< 0.01	< 2	9	> 30.0	6.9	1.0	1810	1.1	0.6	< 6	9.7
745459	2.1	20.9	37	1.13	706	6	4.1	22.5	50	17.4	6.7	93.3	0.03	< 2	8	29.2	2.8	1.4	1160	0.5	0.3	< 6	5.8
745460	2.7	22.9	47	1.20	783	3	4.7	21.2	70	10.1	5.7	97.5	0.03	< 2	9	29.2	2.9	1.7	317	1.0	0.3	< 6	5.7
745461	2.1	31.1	52	0.99	541	3	5.7	30.7	40	18.0	8.4	140	0.04	< 2	11	> 30.0	4.3	2.1	698	0.9	0.4	< 6	7.4
745462	1.8	24.6	154	1.14	585	< 1	4.7	21.7	40	26.5	6.4	60.7	0.07	< 2	9	> 30.0	2.9	1.6	698	1.0	0.3	< 6	6.5
745463	2.5	16.7	62	0.91	506	< 1	5.3	16.9	40	20.5	4.7	87.2	0.01	< 2	< 8	> 30.0	2.9	1.8	654	0.6	0.3	< 6	6.3
745464	1.4	21.1	115	0.84	390	2	3.3	18.7	30	12.1	5.4	48.9	< 0.01	< 2	9	> 30.0	2.2	1.6	795	0.9	0.2	< 6	4.0
745465	1.4	11.5	27	0.63	342	2	2.8	11.9	20	12.9	3.1	50.3	0.08	< 2	< 8	> 30.0	1.8	1.3	397	0.9	0.2	< 6	3.9
745466	1.9	21.2	54	1.15	650	1	4.8	21.1	40	20.2	5.7	64.2	0.01	< 2	11	> 30.0	3.2	1.7	816	0.5	0.3	< 6	7.3
745467	1.9	37.0	104	3.32	1430	< 1	5.6	44.6	40	17.5	10.9	81.1	< 0.01	< 2	12	25.1	7.1	2.4	842	0.9	1.0	< 6	7.6
745468	3.3	30.6	63	1.45	672	2	8.4	37.0	60	31.5	9.6	123	< 0.01	< 2	10	27.9	5.9	2.2	930	1.5	0.7	< 6	9.1
745469	1.7	23.3	101	1.06	545	4	4.8	25.1	60	17.9	6.6	70.6	< 0.01	< 2	10	> 30.0	3.5	2.3	869	1.0	0.3	< 6	7.6
745470	1.8	8.1	80	1.05	546	1	4.7	8.2	30	17.8	2.3	71.6	< 0.01	< 2	9	> 30.0	1.1	1.1	866	0.3	0.2	< 6	6.0
745471	1.6	33.7	70	1.07	580	2	4.4	31.7	60	22.6	9.4	62.2	< 0.01	< 2	< 8	> 30.0	4.1	2.0	600	0.5	0.4	< 6	7.1
745472	2.1	20.5	56	1.42	696	3	6.8	12.8	50	28.4	3.9	89.1	< 0.01	< 2	< 8	> 30.0	1.9	2.4	392	0.6	0.3	< 6	13.5
745473	1.5	35.0	44	0.87	358	1	5.8	36.3	10	23.4	9.5	61.6	0.01	< 2	9	27.8	5.7	2.1	787	0.9	0.4	< 6	7.6
745474	2.7	20.4	82	1.28	589	4	8.2	20.3	70	30.0	5.7	114	0.07	< 2	8	> 30.0	2.8	2.6	324	1.6	0.4	< 6	14.9
745475	2.0	8.8	24	0.65	270	2	3.3	8.5	20	9.8	2.2	49.6	< 0.01	< 2	13	> 30.0	1.6	1.4	396	1.2	0.2	< 6	3.0
745476	0.9	35.2	< 15	0.76	545	2	3.2	35.4	40	13.4	9.2	31.2	0.02	< 2	11	> 30.0	4.3	1.6	1210	0.8	0.3	< 6	4.2
745477	3.1	25.1	190	1.27	588	1	5.7	24.8	40	20.9	6.9	252	0.03	< 2	11	27.9	3.5	3.5	627	0.5	0.3	< 6	8.3
745478	2.0	28.5	67	1.11	756	2	4.9	29.2	40	19.7	7.7	87.8	0.03	< 2	< 8	> 30.0	3.6	1.1	644	0.9	0.4	< 6	6.4
745479	2.1	30.4	35	1.01	546	2	5.5	29.9	30	18.4	8.3	67.3	0.01	< 2	< 8	> 30.0	4.3	1.5	646	0.5	0.3	< 6	6.5
745480	1.5	25.9	138	0.79	519	1	5.2	24.1	40	22.2	6.7	74.1	< 0.01	< 2	12	> 30.0	3.8	1.6	634	0.6	0.4	< 6	6.5
745481	2.3	31.1	207	0.90	553	2	5.0	30.1	50	20.1	8.4	71.3	< 0.01	< 2	11	> 30.0	4.4	2.2	655	0.5	0.4	< 6	7.2
745482	1.8	24.3	71	1.87	580	2	5.4	26.8	80	24.6	7.1	79.3	< 0.01	< 2	< 8	> 30.0	5.2	1.2	1080	0.5	0.5	< 6	8.2
745483	3.0	18.0	< 15	1.11	437	< 1	3.9	17.5	50	14.4	4.6	106	0.02	< 2	9	> 30.0	3.0	1.9	644	0.9	0.2	< 6	6.2
745484	2.3	29.5	63	1.94	573	1	4.6	31.9	80	19.1	8.6	110	0.16	< 2	8	29.6	4.5	1.4	782	1.1	0.4	< 6	7.5
745485	3.2	62.1	59	1.37	1120	3	10.6	60.9	20	30.6	17.0	154	0.16	< 2	12	25.2	9.6	2.3	1140	1.8	1.0	< 6	11.7
745486	1.5	22.7	46	0.73	335	1	7.8	20.5	20	22.9	5.9	63.9	0.05	< 2	< 8	> 30.0	3.6	2.4	617	3.5	0.4	< 6	8.1
745487	2.4	9.0	94	0.37	203	1	8.5	7.3	20	29.2	2.1	78.8	< 0.01	< 2	9	> 30.0	1.5	1.7	896	3.3	0.3	< 6	13.8
745488	2.8	20.0	319	1.66	589	3	7.3	14.8	60	24.1	4.7	113	< 0.01	< 2	< 8	29.7	2.2	2.7	278	5.2	0.4	< 6	11.0
745489	1.7	3.9	284	0.49	442	< 1	11.4	7.0	20	18.4	1.5	334	0.02	< 2	9	> 30.0	2.5	3.0	769	12.3	0.4	< 6	10.5
745490	2.0	22.8	85	1.12	356	3	4.0	24.8	40	11.1	6.6	56.7	0.03	< 2	< 8	30.0	3.3	0.9	923	1.6	0.3	< 6	4.8
745491	2.5	37.1	37	1.04	325	7	6.3	32.5	60	23.0	9.1	81.2	0.03	< 2	9	> 30.0	3.9	1.3	559	7.9	0.3	< 6	8.9
745492	1.8	29.9	29	0.91	841	5	5.2	22.0	40	17.3	6.7	85.7	0.06	< 2	9	> 30.0	3.0	1.7	468	2.6	0.4	< 6	6.6
745493	1.7	36.2	35	1.10	462	< 1	5.1	34.7	50	25.4	10.0	56.8	0.04	< 2	10	30.0	5.2	1.1	848	1.3	0.4	< 6	8.1
745494	1.6	41.2	90	1.09	803	1	4.8	37.0	50	18.6	10.2	47.5	< 0.01	< 2	< 8	29.5	4.9	1.5	481	1.7	0.4	< 6	6.3
745495	3.5	34.7	40	1.22	701	< 1	5.1	34.9	60	28.4	9.4	120	0.11	< 2	12	29.2	5.1	1.8	562	0.9	0.5	< 6	7.3
745496	1.9	23.2	26	1.28	525	2	6.5	23.9	70	31.7	6.7	82.8	< 0.01	< 2	11	> 30.0	3.4	1.6	1120	0.5	0.3	< 6	10.5
745497	3.2	28.0	44	2.09	760	1	4.8	30.3	90	10.3	8.2	147	< 0.01	< 2	9	27.7	4.3	3.7	528	2.6	0.4	< 6	8.5
745498	1.5	30.8	21	1.66	520	1	3.8	32.1	60	18.1	8.7	49.5	< 0.01	< 2	< 8	> 30.0	4.5	1.7	1340	3.0	0.4	< 6	6.9

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2- _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745499	2.4	41.0	39	1.85	1090	2	4.9	41.3	60	23.0	11.1	166	0.03	<2	12	25.6	5.7	2.0	1210	1.3	0.5	<6	7.8
745500	2.2	23.8	33	1.75	1070	2	4.7	27.4	100	15.3	6.9	110	<0.01	<2	<8	29.6	4.1	0.9	631	3.6	0.5	<6	7.1
745501	1.0	15.0	<15	1.09	1580	3	4.5	17.2	50	9.4	4.4	24.8	0.04	<2	11	27.7	3.0	1.1	588	3.2	0.5	<6	1.7
745502	1.6	31.8	100	1.36	640	2	6.5	28.1	60	27.8	7.6	69.0	0.01	<2	14	>30.0	3.5	2.2	438	5.2	0.5	<6	11.6
745503	1.8	13.3	65	1.20	459	2	15.4	19.9	20	27.5	5.0	73.9	<0.01	<2	9	29.9	4.2	2.2	1260	1.7	0.7	<6	15.8
745504	1.9	27.7	103	1.31	447	2	5.7	29.4	60	19.9	8.3	71.7	<0.01	<2	11	>30.0	4.1	1.4	718	5.5	0.4	<6	8.3
745505	<0.1	10.4	<15	0.23	320	<1	<2.4	9.2	20	14.2	2.4	3.6	0.02	<2	<8	24.4	1.4	1.3	1270	<0.2	0.1	<6	1.6
745506	2.6	29.3	156	1.16	511	2	5.2	27.4	50	24.7	7.6	130	<0.01	<2	12	>30.0	3.5	2.3	799	0.5	0.3	<6	8.0
745507	2.2	39.3	100	1.08	577	2	6.8	40.6	140	16.5	11.0	98.0	<0.01	<2	10	>30.0	6.0	1.3	342	1.2	0.5	<6	9.8
745508	2.4	30.6	25	1.12	498	2	5.5	31.9	60	26.6	8.5	70.2	0.06	<2	8	>30.0	4.6	1.3	847	1.4	0.5	<6	9.5
745509	0.6	18.2	<15	0.70	1360	1	3.3	18.0	30	18.8	4.9	16.2	<0.01	<2	8	>30.0	2.6	5.0	909	4.0	0.3	<6	2.1
745510	1.0	29.6	21	1.20	471	<1	3.4	33.0	40	9.9	8.8	31.7	0.04	<2	8	29.8	3.7	1.6	797	5.9	0.4	<6	3.6
745511	3.1	22.7	58	0.61	192	6	4.4	19.0	20	12.5	6.1	77.6	0.14	<2	<8	>30.0	2.7	2.0	342	1.6	0.3	<6	6.0
745512	1.8	18.5	90	1.08	458	3	4.2	13.6	20	12.9	4.5	69.2	0.25	<2	<8	>30.0	1.7	1.1	753	3.0	0.1	<6	5.6
745513	1.8	29.1	51	1.33	377	1	3.4	34.3	30	9.8	9.9	61.6	<0.01	<2	9	29.9	5.1	1.2	751	0.3	0.3	<6	4.6
745514	2.1	26.4	39	2.22	625	<1	4.2	39.1	40	12.4	10.2	58.1	<0.01	<2	9	28.9	5.8	1.6	868	0.5	0.5	<6	6.4
745515	2.6	49.9	55	1.70	665	1	5.2	51.1	40	18.4	14.5	131	0.02	<2	14	27.0	7.6	1.9	915	0.4	0.6	<6	8.0
745516	1.5	31.4	119	1.30	652	1	4.4	30.7	60	28.2	8.5	61.1	<0.01	<2	<8	>30.0	4.9	1.4	1010	1.2	0.4	<6	7.2
745517	1.8	20.2	141	2.39	616	1	4.5	24.5	80	18.4	7.1	67.1	<0.01	<2	9	28.7	3.9	1.7	742	7.9	0.4	<6	7.9
745518	1.4	26.1	18	1.48	815	<1	4.2	28.5	70	17.8	7.2	59.6	0.03	<2	<8	>30.0	4.5	2.3	987	0.9	0.4	<6	7.1
745519	1.5	22.4	23	2.85	874	<1	4.1	24.0	110	18.2	6.8	53.1	<0.01	<2	<8	28.4	3.8	1.9	991	0.8	0.5	<6	6.8
745520	1.4	12.7	<15	1.30	456	1	4.4	11.0	40	16.4	2.7	47.6	0.07	<2	<8	>30.0	1.9	<0.5	911	1.0	0.3	<6	5.8
745521	2.3	22.5	43	2.07	511	<1	4.6	23.2	80	13.1	6.4	105	<0.01	<2	9	28.6	4.3	1.5	551	1.4	0.4	<6	6.8
745522	1.6	25.4	23	2.12	652	3	4.9	24.7	70	18.0	6.9	47.4	<0.01	<2	12	29.0	4.2	0.6	743	1.0	0.5	<6	6.2
745523	1.6	9.7	42	1.16	314	2	4.1	11.6	50	15.9	3.4	54.3	<0.01	<2	<8	>30.0	2.0	1.3	525	1.0	0.2	<6	6.3
745524	1.6	25.5	42	3.00	1030	2	9.4	36.8	40	15.2	9.2	76.1	0.22	<2	11	25.3	7.2	1.6	844	0.9	0.9	<6	6.3
745525	1.3	18.4	<15	0.88	426	<1	2.8	20.6	40	10.0	6.0	31.4	<0.01	<2	<8	>30.0	3.2	1.5	642	1.2	0.3	<6	2.8
745526	1.1	33.2	19	0.85	770	<1	4.3	34.3	60	13.7	9.5	29.5	0.06	<2	10	>30.0	4.2	1.1	838	7.3	0.3	<6	3.6
745527	1.6	16.9	22	0.98	373	<1	3.6	17.0	30	60.0	4.7	46.3	0.01	<2	<8	>30.0	2.3	1.6	779	0.8	0.3	<6	3.0
745528	2.9	7.8	<15	4.79	1360	1	6.5	18.3	80	19.2	4.2	89.4	<0.01	<2	<8	25.0	5.2	1.9	517	2.6	0.8	<6	5.4
745529	1.4	4.3	27	0.65	330	<1	3.9	4.9	20	13.2	1.3	46.4	<0.01	<2	<8	>30.0	0.8	1.3	589	2.5	0.2	<6	2.5
745530	1.6	39.4	36	0.96	748	1	4.8	39.5	40	22.1	11.2	62.3	0.03	<2	<8	>30.0	5.6	1.3	653	1.1	0.4	<6	6.9
745531	2.8	22.3	67	1.27	547	2	5.7	21.9	60	18.9	6.0	104	<0.01	<2	<8	29.9	3.5	2.7	402	1.7	0.4	<6	7.2
745532	1.6	33.4	33	1.96	459	1	6.3	35.6	60	23.5	9.7	53.9	<0.01	<2	9	>30.0	5.1	0.8	866	0.6	0.6	<6	10.4
745533	0.8	11.8	<15	0.81	675	4	<2.4	10.7	30	6.4	3.0	34.4	0.02	<2	10	24.3	1.9	0.7	79	1.3	0.2	<6	3.1
745534	3.5	27.4	41	1.11	321	2	5.7	29.8	60	24.8	8.5	114	<0.01	<2	<8	>30.0	4.8	1.8	346	1.5	0.4	<6	7.8
745535	1.7	28.0	<15	1.06	654	3	4.7	27.3	50	16.3	7.9	72.7	0.06	<2	<8	27.3	4.3	1.2	517	1.4	0.4	<6	6.3
745536	1.6	24.0	35	2.10	490	2	4.0	24.3	40	24.4	6.5	47.0	0.09	5	14	29.0	3.9	1.4	734	0.7	0.4	<6	8.8
745537	2.1	24.3	15	1.78	763	<1	4.9	24.0	80	18.9	7.1	69.8	<0.01	<2	10	27.9	3.9	1.6	816	0.4	0.4	<6	7.5
745538	2.9	39.9	40	3.33	651	2	5.9	41.1	80	13.9	11.2	101	<0.01	<2	11	25.7	5.8	2.4	688	1.4	0.6	<6	8.4
745539	2.2	21.3	41	1.44	881	<1	4.5	23.8	60	22.2	6.2	106	0.03	<2	10	28.3	3.4	1.6	1130	0.6	0.4	<6	7.6
745540	1.8	25.7	16	2.37	617	2	4.2	28.8	80	13.3	7.3	66.9	0.07	<2	11	29.8	4.5	2.4	739	1.0	0.4	<6	7.8
745541	1.4	26.0	22	3.78	875	1	4.1	31.7	120	16.8	8.6	54.4	<0.01	<2	<8	26.8	5.3	1.2	814	0.6	0.6	<6	7.5
745542	1.4	29.5	<15	1.64	721	1	5.1	31.9	40	18.5	9.4	52.1	0.04	<2	11	22.9	4.8	2.0	2060	2.2	0.5	<6	10.8
745543	2.2	21.6	120	2.59	880	7	6.1	21.7	110	15.1	5.8	88.9	0.06	<2	11	27.5	3.3	2.4	167	3.4	0.7	<6	5.8
745544	0.9	6.0	17	1.55	1160	7	<2.4	6.3	50	16.4	1.9	63.4	0.01	<2	9	23.7	1.4	2.7	124	1.6	0.3	<6	2.7
745545	1.9	8.0	26	1.88	1100	2	5.7	9.7	80	13.9	2.5	77.4	0.01	<2	10	27.9	1.7	1.3	197	4.7	0.4	<6	4.8
745546	3.5	30.4	<15	0.23	176	<1	10.3	31.5	10	30.6	8.3	98.7	<0.01	<2	10	>30.0	4.5	1.5	717	5.0	0.4	<6	12.1
745547	0.9	6.1	<15	0.45	238	1	3.7	7.6	20	9.0	2.1	27.8	<0.01	<2	11	>30.0	1.4	1.7	581	5.1	0.2	<6	1.4
745548	0.9	13.0	21	0.47	270	<1	2.7	12.8	10	9.0	3.3	25.5	<0.01	<2	11	>30.0	1.6	1.2	560	1.1	0.2	<6	1.8
745549	1.8	21.5	19	0.54	213	2	5.4	21.5	20	17.7	6.0	49.9	0.01	<2	10	>30.0	3.7	1.6	858	0.7	0.3	<6	10.6
745551	2.0	39.8	23	1.92	963	1	5.0	42.0	90	24.1	11.8	59.3	0.02	<2	8	28.6	6.1	1.3	730	0.6	0.6	<6	8.2

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm	
745552	1.3	17.3	27	2.05	591	2	4.7	16.9	70	18.1	4.6	50.4	< 0.01	< 2	< 8	29.1	3.2	2.0	742	1.3	0.4	< 6	5.1	
745553	2.1	35.2	< 15	1.79	645	< 1	5.6	35.4	30	24.4	9.7	70.2	0.26	< 2	13	25.4	5.5	1.5	1230	0.9	0.5	< 6	8.7	
745554	2.3	12.3	27	1.05	361	4	6.4	14.5	60	12.9	3.9	94.3	0.02	< 2	12	> 30.0	2.7	2.0	210	0.6	0.4	< 6	8.3	
745555	2.0	42.5	29	2.10	889	< 1	4.8	44.4	90	17.6	11.9	68.7	< 0.01	2	9	27.8	6.7	1.2	697	0.6	0.5	< 6	8.3	
745556	1.4	29.5	18	1.23	391	1	3.4	33.8	40	10.7	8.6	35.8	0.03	< 2	10	> 30.0	4.2	1.2	776	0.7	0.4	< 6	3.6	
745557	1.7	13.6	39	1.21	354	2	4.2	15.7	30	19.4	4.2	63.0	< 0.01	< 2	9	> 30.0	2.3	1.4	511	0.5	0.2	< 6	6.1	
745558	2.6	33.6	35	1.09	592	2	5.7	33.6	40	22.4	9.2	90.0	0.03	< 2	< 8	> 30.0	4.6	1.3	517	1.0	0.5	< 6	8.1	
745559	2.3	34.0	41	1.24	631	2	4.8	35.7	60	22.6	10.2	94.6	0.01	< 2	10	28.8	5.0	1.6	662	0.4	0.4	< 6	7.1	
745560	1.8	17.6	39	1.26	413	1	4.9	16.4	50	25.1	4.4	62.4	0.01	< 2	9	> 30.0	2.6	1.1	773	0.5	0.4	< 6	6.3	
745561	2.9	32.9	65	1.42	549	< 1	6.4	34.2	60	30.6	9.4	124	0.03	< 2	9	28.5	4.2	1.4	1670	0.9	0.3	< 6	8.5	
745562	2.3	33.8	46	1.35	774	2	5.2	34.8	50	19.7	9.0	91.5	0.07	< 2	14	29.9	4.7	2.3	1010	1.4	0.5	< 6	7.8	
745563	1.9	19.0	46	1.51	682	2	4.5	23.5	70	19.3	5.9	157	0.01	< 2	14	> 30.0	3.3	1.6	744	0.4	0.3	< 6	7.1	
745564	1.1	17.5	< 15	1.41	543	7	4.0	22.3	30	12.2	5.5	40.2	0.08	< 2	9	29.8	3.3	1.6	1120	0.7	0.3	< 6	4.8	
745565	1.1	26.2	< 15	1.26	431	5	3.4	32.0	340	10.1	8.2	29.0	< 0.01	< 2	10	> 30.0	4.8	1.4	717	0.5	0.3	< 6	3.9	
745566	0.9	13.8	< 15	0.88	246	1	3.3	15.9	50	8.8	4.2	34.2	< 0.01	< 2	11	> 30.0	2.6	1.1	347	0.7	0.2	< 6	3.2	
745567	2.1	14.9	28	1.13	413	2	4.5	13.6	30	17.4	3.7	78.5	< 0.01	< 2	< 8	> 30.0	1.8	1.1	455	0.8	0.3	< 6	5.9	
745568	1.5	13.2	22	0.97	547	1	5.2	14.0	40	20.6	3.9	50.4	0.02	< 2	10	> 30.0	2.3	1.7	389	1.2	0.3	< 6	6.5	
745569	2.1	19.6	82	0.96	740	2	5.7	20.0	50	23.2	5.7	152	0.07	< 2	< 8	> 30.0	3.5	1.7	566	1.9	0.4	< 6	6.9	
745570	2.9	37.5	19	1.04	562	4	5.7	35.3	60	23.6	9.3	109	0.04	< 2	< 8	> 30.0	4.8	1.7	549	1.1	0.4	< 6	7.2	
745571	2.3	11.5	65	1.17	580	2	5.1	11.4	70	22.0	3.5	85.9	0.01	< 2	< 8	> 30.0	2.0	1.6	591	0.9	0.2	< 6	6.0	
745572	1.5	35.2	35	1.61	613	1	5.6	30.5	40	22.1	8.7	71.4	0.01	< 2	8	28.7	4.1	1.3	556	1.0	0.4	< 6	8.5	
745573	2.0	36.6	49	1.20	705	2	4.9	35.5	60	16.7	10.0	246	0.06	< 2	9	> 30.0	5.4	3.8	669	0.8	0.5	< 6	7.0	
745574	2.0	34.1	33	2.46	751	1	4.6	35.5	70	19.0	9.9	77.1	0.05	< 2	10	29.8	5.7	2.3	773	1.2	0.4	< 6	8.3	
745575	3.0	14.9	< 15	0.96	413	6	6.4	15.7	60	14.3	4.7	81.6	0.02	< 2	10	> 30.0	2.4	1.3	510	0.8	0.3	< 6	7.1	
745576	1.7	38.2	17	2.65	846	2	5.0	39.9	110	18.0	10.5	54.8	0.02	< 2	9	28.9	6.1	1.2	662	1.0	0.5	< 6	8.5	
745577	3.1	27.0	43	1.61	370	< 1	4.0	27.7	50	18.0	7.6	182	< 0.01	< 2	10	26.1	4.6	1.4	612	0.7	0.3	< 6	7.4	
745578	6.1	12.4	57	1.36	448	< 1	5.7	11.7	70	24.9	3.0	283	0.02	< 2	8	26.5	1.6	1.4	1080	0.9	0.2	< 6	7.1	
745579	2.4	42.5	42	2.56	728	1	6.4	50.5	80	21.1	13.3	96.3	< 0.01	< 2	12	27.3	8.3	1.7	828	1.3	0.9	< 6	11.8	
745580	2.6	36.1	35	1.19	674	< 1	5.8	33.4	50	24.2	9.5	75.7	0.04	< 2	11	> 30.0	4.9	1.8	561	0.9	0.4	< 6	8.5	
745581	2.3	13.2	175	0.90	565	11	6.0	14.4	70	23.9	3.8	174	0.01	< 2	9	> 30.0	2.1	1.7	634	1.3	0.2	< 6	7.6	
745582	1.8	20.8	174	0.87	672	2	4.6	19.4	30	20.4	5.4	78.2	0.04	< 2	< 8	> 30.0	2.3	1.1	953	0.4	0.3	< 6	6.2	
745583	1.4	27.1	88	0.96	531	1	4.5	27.0	40	20.2	7.5	61.0	0.02	< 2	10	> 30.0	4.2	1.5	814	0.5	0.4	< 6	5.7	
745584	< 0.1	3.0	< 15	0.07	237	2	< 2.4	2.0	10	3.5	0.7	1.8	0.01	< 2	11	> 30.0	0.4	1.5	124	0.7	< 0.1	< 6	0.1	
745585	2.1	18.0	31	1.04	533	1	6.8	17.8	50	22.4	5.2	79.1	0.03	< 2	14	> 30.0	2.9	1.6	863	0.6	0.3	< 6	10.8	
PTM-1a Meas									> 10000				22.4											
PTM-1a Cert									474400.00				22.4											
PTM-1a Meas									> 10000				22.7											
PTM-1a Cert									474400.00				22.4											
PTM-1a Meas									> 10000				22.6											
PTM-1a Cert									474400.00				22.4											
PTM-1a Meas									> 10000				23.4											
PTM-1a Cert									474400.00				22.4											
NIST 696 Meas																								
NIST 696 Cert																								
NIST 696 Meas																								
NIST 696 Cert																								
NIST 696 Meas																								
NIST 696 Cert																								
NIST 696 Meas																								

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm	
NIST 696 Cert																								
Oreas 74a (Fusion) Meas									> 10000				7.37			15.3								
Oreas 74a (Fusion) Cert									32400. 00				7.25			15.14								
Oreas 74a (Fusion) Meas									> 10000				7.24			15.5								
Oreas 74a (Fusion) Cert									32400. 00				7.25			15.14								
Oreas 74a (Fusion) Meas									> 10000				7.23			15.4								
Oreas 74a (Fusion) Cert									32400. 00				7.25			15.14								
Oreas 74a (Fusion) Meas									> 10000				7.30			15.4								
Oreas 74a (Fusion) Cert									32400. 00				7.25			15.14								
OREAS 101a (Fusion) Meas	2.3	796		1.20	936	22		407			140						47.1				5.9		32.4	
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	22		403			134						48.8				5.92		36.6	
OREAS 101a (Fusion) Meas	2.3	794		1.25	959	20		367			132						48.4				5.3		35.4	
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	22		403			134						48.8				5.92		36.6	
OREAS 101a (Fusion) Meas	2.3	851		1.18	957	22		398			124						46.9				5.4		33.5	
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	22		403			134						48.8				5.92		36.6	
OREAS 101a (Fusion) Meas	2.4			1.17																				
OREAS 101a (Fusion) Cert	2.34			1.23																				
NCS DC86303 Meas			2130									1350												
NCS DC86303 Cert			2100									1330												
NCS DC86303 Meas			2150									1350												
NCS DC86303 Cert			2100									1330												
NCS DC86303 Meas			2120									1350												
NCS DC86303 Cert			2100									1330												
NCS DC86304 Meas			10500									> 5000										108		
NCS DC86304 Cert			10600. 00									6730										97.1		
NCS DC86304 Meas			10900									> 5000										105		
NCS DC86304 Cert			10600. 00									6730										97.1		
NCS DC86304 Meas			10400									> 5000										100		
NCS DC86304 Cert			10600. 00									6730										97.1		
NCS DC86314 Meas			17600									> 5000										154		

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm		
NCS DC86314 Cert			18100. 00										11400						152						
NCS DC86314 Meas			18600										> 5000						149						
NCS DC86314 Cert			18100. 00										11400						152						
NCS DC86314 Meas			17700										> 5000						159						
NCS DC86314 Cert			18100. 00										11400						152						
NCS DC86314 Meas			18600										> 5000						152						
NCS DC86314 Cert			18100. 00										11400						152						
NCS DC86313 Meas						5																			
NCS DC86313 Cert						3.37																			
NCS DC86313 Meas						5																			
NCS DC86313 Cert						3.37																			
NCS DC86313 Meas						4																			
NCS DC86313 Cert						3.37																			
NCS DC86313 Meas						3																			
NCS DC86313 Cert						3.37																			
CZN-4 Meas													1790		> 25.0	96	0.28								
CZN-4 Cert													1861.0 000		33.07	86.7	0.295								
CZN-4 Meas													1770		> 25.0	90	0.27								
CZN-4 Cert													1861.0 000		33.07	86.7	0.295								
CZN-4 Meas													1900		> 25.0	104	0.28								
CZN-4 Cert													1861.0 000		33.07	86.7	0.295								
CZN-4 Meas													1840		> 25.0	100	0.29								
CZN-4 Cert													1861.0 000		33.07	86.7	0.295								
OREAS 183 (Fusion ICP) Meas									9810																
OREAS 183 (Fusion ICP) Cert									9830.0 00																
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 50000																						
Lithium Tetraborate FX-LT 100 lot#220610B Cert			82100																						
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 50000																						
Lithium			82100																						

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm	
Tetraborate FX-LT 100 lot#220610B Cert																								
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 50000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			82100																					
OREAS 922 (Peroxide Fusion) Meas	2.6	47.9	31	1.58	884		15.9	41.1	50	66.9	10.8	162	0.37			> 30.0	7.6	11.8	65	1.7	1.0		17.9	
OREAS 922 (Peroxide Fusion) Cert	2.60	45.6	29	1.61	880		15.2	38.9	40	64.0	10.6	167	0.389			30.51	7.31	10.0	58.0	1.3	1.02		17.7	
OREAS 922 (Peroxide Fusion) Meas	2.6		33	1.59									0.37			> 30.0								
OREAS 922 (Peroxide Fusion) Cert	2.60		29	1.61									0.389			30.51								
OREAS 922 (Peroxide Fusion) Meas	2.6		33	1.60									0.38			> 30.0								
OREAS 922 (Peroxide Fusion) Cert	2.60		29	1.61									0.389			30.51								
OREAS 922 (Peroxide Fusion) Meas	2.7		31	1.60									0.37			> 30.0								
OREAS 922 (Peroxide Fusion) Cert	2.60		29	1.61									0.389			30.51								
OREAS 621 (Peroxide Fusion) Meas	2.1	26.9		0.52	540	13	9.8	22.1		> 5000	6.0	81.4	4.41	132		28.1			94				8.5	
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	14	10.4	24.2		13300	6.64	89.0	4.51	146		28.1			101				8.6	
OREAS 621 (Peroxide Fusion) Meas	2.2	28.6		0.51	556	15	9.6	24.1		> 5000	6.5	85.1	4.46	141		28.8			104				8.8	
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	14	10.4	24.2		13300	6.64	89.0	4.51	146		28.1			101				8.6	
OREAS 621 (Peroxide Fusion) Meas	2.3	30.2		0.51	549	17	9.8	25.7		> 5000	6.9	86.6	4.38	148		28.2			110				8.6	
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	14	10.4	24.2		13300	6.64	89.0	4.51	146		28.1			101				8.6	
OREAS 621 (Peroxide Fusion) Meas	2.2			0.52									4.44			28.4								
OREAS 621 (Peroxide Fusion) Cert	2.23			0.516									4.51			28.1								
CCU-1e Meas				0.73	100					> 5000			> 25.0	122									75	
CCU-1e Cert				0.706	96.0					7030			35.3	104									61.8	
CCU-1e Meas				0.74	100					> 5000			> 25.0	110									58	

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
CCU-1e Cert				0.706	96.0					7030			35.3	104									61.8
CCU-1e Meas				0.73	94					> 5000			> 25.0	111									63
CCU-1e Cert				0.706	96.0					7030			35.3	104									61.8
CCU-1e Meas				0.75	94					> 5000			> 25.0	114									62
CCU-1e Cert				0.706	96.0					7030			35.3	104									61.8
OREAS 680 (Peroxide Fusion) Meas	1.2	19.9	< 15	3.72	1280		5.4	21.4	> 10000	2590	5.2	80.9	5.04	21		20.5	5.0		434		0.6		8.0
OREAS 680 (Peroxide Fusion) Cert	1.29	18.6	14.5	3.71	1240		5.09	20.8	21500	2580	4.99	76.0	5.14	19.7		20.6	4.26		420		0.550		6.73
OREAS 680 (Peroxide Fusion) Meas	1.2	19.4	< 15	3.81	1250		5.5	21.8	> 10000	2690	5.1	71.1	5.03	19		21.1	4.8		426		0.5		6.3
OREAS 680 (Peroxide Fusion) Cert	1.29	18.6	14.5	3.71	1240		5.09	20.8	21500	2580	4.99	76.0	5.14	19.7		20.6	4.26		420		0.550		6.73
OREAS 680 (Peroxide Fusion) Meas	1.3		< 15	3.66									5.03			20.3							
OREAS 680 (Peroxide Fusion) Cert	1.29		14.5	3.71									5.14			20.6							
OREAS 680 (Peroxide Fusion) Meas	1.2		< 15	3.72									5.01			20.7							
OREAS 680 (Peroxide Fusion) Cert	1.29		14.5	3.71									5.14			20.6							
OREAS 139 (Peroxide Fusion) Meas	3.3	26.8	41	0.50	6480	12				> 5000		132	16.3	64		16.5			489		0.5		8.2
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 139 (Peroxide Fusion) Meas	3.2	24.5	42	0.49	6350	12				> 5000		138	16.1	62		16.1			462		0.6		8.8
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 139 (Peroxide Fusion) Meas	3.1	25.8	46	0.49	6680	11				> 5000		137	15.6	63		16.0			484		0.5		8.3
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 139 (Peroxide Fusion) Meas	3.4	24.8	35	0.50	6470	11				> 5000		132	16.6	61		16.6			488		0.5		7.6
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 624 (Peroxide Fusion) Meas	0.9	17.5	< 15	1.29	653	16	5.4	18.1		> 5000	4.7	32.1	12.7	70		20.5			47				4.1
OREAS 624 (Peroxide Fusion) Cert	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6				4.12
OREAS 624 (Peroxide Fusion) Meas	0.9	16.9	< 15	1.29	641	17	5.4	14.8		> 5000	4.3	33.0	12.8	67		19.9			44				4.2

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
OREAS 624 (Peroxide Fusion) Cert	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6				4.12
OREAS 624 (Peroxide Fusion) Meas	1.0	17.4	< 15	1.29	687	19	5.3	15.8		> 5000	3.8	32.5	13.1	70		20.5			46				4.0
OREAS 624 (Peroxide Fusion) Cert	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6				4.12
OREAS 624 (Peroxide Fusion) Meas	1.0	17.4	< 15	1.23	667	17	5.2	16.6		> 5000	3.7	33.6	12.9	72		20.1			52				4.0
OREAS 624 (Peroxide Fusion) Cert	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6				4.12
OREAS 124 (Peroxide Fusion) Meas	2.6	21.1		0.22	683			22.7			5.7	86.5				> 30.0	4.4				0.5		5.7
OREAS 124 (Peroxide Fusion) Cert	2.62	21.6		0.224	700			20.8			5.39	86.0				38.2	4.21				0.480		5.74
OREAS 124 (Peroxide Fusion) Meas	2.5	22.2		0.21	676			22.7			5.8	86.4				> 30.0	4.5				0.5		5.7
OREAS 124 (Peroxide Fusion) Cert	2.62	21.6		0.224	700			20.8			5.39	86.0				38.2	4.21				0.480		5.74
OREAS 124 (Peroxide Fusion) Meas	2.6			0.21												> 30.0							
OREAS 124 (Peroxide Fusion) Cert	2.62			0.224												38.2							
OREAS 124 (Peroxide Fusion) Meas	2.7			0.21												> 30.0							
OREAS 124 (Peroxide Fusion) Cert	2.62			0.224												38.2							
AMIS 0346 (Peroxide Fusion) Meas																							
AMIS 0346 (Peroxide Fusion) Cert																							
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Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
Cert																							
NCS DC73520 Meas					8720	1610			60	7.1			0.45	< 2				4.8					
NCS DC73520 Cert					9100	1500			50	11			0.44	0.6				4.5					
NCS DC73520 Meas													0.43										
NCS DC73520 Cert													0.44										
NCS DC73520 Meas													0.43										
NCS DC73520 Cert													0.44										
NCS DC73520 Meas													0.44										
NCS DC73520 Cert													0.44										
OREAS 148 (Peroxide Fusion) Meas	1.5	497	4770	0.46	362	10	1580.4	286			85.3	1310		16		> 30.0	34.8	1130	207		1.6		49.5
OREAS 148 (Peroxide Fusion) Cert	1.5	478	4760	0.47	380	10	1680.0	260			82.0	1360		16		36.0	34.3	1160	209		1.6		51.0
OREAS 148 (Peroxide Fusion) Meas	1.5		4690	0.45												> 30.0							
OREAS 148 (Peroxide Fusion) Cert	1.5		4760	0.47												36.0							
OREAS 148 (Peroxide Fusion) Meas	1.5		4870	0.46												> 30.0							
OREAS 148 (Peroxide Fusion) Cert	1.5		4760	0.47												36.0							
OREAS 148 (Peroxide Fusion) Meas	1.5		4920	0.47												> 30.0							
OREAS 148 (Peroxide Fusion) Cert	1.5		4760	0.47												36.0							
742560 Orig	2.1	23.1	45	2.11	1050	4	6.3	16.2	120	17.3	5.1	82.2	0.02	< 2	< 8	> 30.0	3.8	2.2	227	0.6	0.5	< 6	6.4
742560 Dup	2.1	23.2	44	2.11	1060	5	6.2	18.4	100	19.0	4.9	82.0	0.01	< 2	< 8	> 30.0	3.4	1.7	224	1.0	0.5	< 6	6.3
742570 Orig	1.6	9.0	35	0.39	261	2	3.4	11.1	10	11.4	2.5	48.6	< 0.01	< 2	< 8	> 30.0	2.7	2.0	619	0.8	0.2	< 6	2.6
742570 Dup	1.7	9.1	33	0.38	266	< 1	3.7	11.4	< 10	10.8	2.6	47.3	< 0.01	< 2	< 8	> 30.0	2.1	2.3	641	0.9	0.3	< 6	2.6
742580 Orig	0.4	3.4	44	3.60	896	4	2.4	6.4	30	4.4	1.3	8.1	< 0.01	< 2	< 8	26.8	1.6	1.6	213	0.7	0.5	< 6	0.7
742580 Dup	0.4	3.7	35	3.59	872	1	< 2.4	6.2	40	5.5	1.3	7.9	0.01	< 2	< 8	26.6	2.1	5.1	210	0.9	0.3	< 6	0.6
742590 Orig	2.9	37.2	144	0.95	519	2	6.6	32.6	30	25.2	8.3	144	0.02	< 2	< 8	> 30.0	4.8	2.0	960	0.9	0.3	< 6	10.8
742590 Dup	2.8	37.5	144	0.93	526	1	6.7	32.8	30	25.4	8.4	144	0.01	< 2	< 8	> 30.0	4.6	1.9	963	0.7	0.4	< 6	10.9
742600 Split	0.9	11.4	26	0.56	216	< 1	5.2	10.8	20	5.2	3.1	38.2	< 0.01	< 2	< 8	> 30.0	2.0	1.6	458	0.5	0.2	< 6	2.1
742600 Orig	1.0	11.4	< 15	0.55	224	< 1	4.6	9.4	30	5.4	2.7	38.5	< 0.01	< 2	< 8	> 30.0	2.0	2.2	478	0.8	0.2	< 6	2.1
742600 Dup	1.0	12.2	< 15	0.55	222	< 1	4.6	10.6	10	6.3	2.7	37.3	< 0.01	< 2	< 8	> 30.0	1.8	1.6	479	0.4	0.2	< 6	2.3
745010 Orig	2.3	7.6	44	1.16	519	1	4.7	8.4	40	18.6	2.0	91.8	0.01	< 2	< 8	> 30.0	1.0	1.9	412	0.7	0.2	< 6	6.3
745010 Dup	2.3	7.9	47	1.15	509	9	4.4	8.5	40	18.7	1.9	88.8	0.01	< 2	< 8	> 30.0	1.2	72.3	413	0.5	0.2	< 6	6.1
745020 Orig	0.5	2.6	33	4.34	1650	< 1	< 2.4	4.1	80	7.6	0.8	11.4	< 0.01	< 2	< 8	24.1	1.0	1.4	129	0.6	0.2	< 6	0.4
745020 Dup	0.5	2.8	39	4.38	1670	< 1	< 2.4	3.9	90	8.2	0.8	11.7	< 0.01	< 2	< 8	24.0	1.1	2.9	126	1.4	0.2	< 6	0.4
745030 Orig	0.8	8.2	72	0.35	418	< 1	5.9	9.4	< 10	12.7	2.3	95.5	< 0.01	< 2	< 8	> 30.0	2.0	4.3	450	1.4	0.2	< 6	1.8
745030 Dup	0.8	8.1	66	0.35	401	< 1	5.3	9.1	< 10	10.6	2.2	95.3	< 0.01	< 2	< 8	> 30.0	1.6	2.9	424	1.2	0.2	< 6	1.7

Results

Activation Laboratories Ltd.

Report: A22-08702

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745040 Orig	1.2	13.8	36	0.95	274	7	4.3	11.3	< 10	15.9	3.1	40.3	0.01	< 2	< 8	> 30.0	1.9	3.5	431	1.5	0.2	< 6	2.2
745040 Dup	1.2	14.9	27	0.95	280	7	4.2	12.0	10	14.8	3.2	42.7	0.01	< 2	< 8	> 30.0	2.2	1.7	422	1.5	0.2	< 6	2.4
745050 Split	0.2	4.6	< 15	1.80	651	1	< 2.4	6.1	20	4.7	1.6	6.7	0.01	< 2	12	21.9	1.5	2.2	360	0.7	0.2	< 6	1.6
745050 Orig	0.2	4.8	< 15	1.79	654	< 1	< 2.4	6.6	< 10	10.2	1.5	7.8	< 0.01	< 2	< 8	21.7	1.1	0.9	403	1.1	0.2	< 6	1.6
745050 Dup	0.1	4.9	< 15	1.66	668	2	< 2.4	6.1	< 10	10.5	1.3	7.3	< 0.01	< 2	< 8	20.1	1.1	0.7	395	0.9	0.2	< 6	1.7
745120 Orig	0.8	6.9	17	0.31	187	< 1	< 2.4	7.3	< 10	8.1	1.8	24.2	< 0.01	< 2	< 8	> 30.0	1.2	1.0	530	0.6	< 0.1	< 6	1.1
745120 Dup	0.8	6.9	18	0.31	181	< 1	< 2.4	7.9	< 10	9.1	2.1	23.8	< 0.01	< 2	< 8	> 30.0	1.2	1.1	535	0.5	0.1	< 6	1.2
745130 Orig	2.9	8.9	< 15	0.16	193	2	3.4	7.2	< 10	29.3	1.7	123	0.01	< 2	< 8	> 30.0	1.3	2.1	644	1.1	0.1	< 6	5.8
745130 Dup	3.1	8.9	18	0.16	200	< 1	3.9	7.7	< 10	28.5	1.9	127	< 0.01	< 2	< 8	> 30.0	1.8	1.3	692	4.3	0.1	< 6	6.0
745140 Orig	1.1	5.2	51	0.40	232	< 1	4.2	7.5	30	9.5	1.7	38.1	< 0.01	< 2	< 8	> 30.0	1.5	2.7	539	0.6	0.2	< 6	1.5
745140 Dup	1.1	5.3	47	0.40	250	< 1	4.3	7.4	30	10.0	1.7	38.2	< 0.01	< 2	< 8	> 30.0	1.1	3.0	540	0.8	0.2	< 6	1.6
745149 Orig	1.5	9.8	51	1.11	737	2	3.7	7.8	50	9.1	2.3	69.7	0.06	< 2	< 8	> 30.0	1.7	2.2	219	0.6	0.2	< 6	3.8
745149 Dup	1.5	10.1	44	1.11	751	2	3.6	8.5	50	8.6	2.2	69.9	0.06	< 2	< 8	> 30.0	1.4	1.7	217	0.3	0.2	< 6	3.6
745150 Split	1.9	37.2	76	1.47	559	3	4.4	35.1	50	20.3	9.8	60.6	0.04	< 2	8	> 30.0	4.6	3.6	856	0.9	0.4	< 6	6.2
745164 Orig	1.2	12.0	62	0.47	304	< 1	3.5	13.5	30	11.5	3.5	32.1	0.01	< 2	< 8	> 30.0	3.0	1.6	574	0.3	0.3	< 6	1.8
745164 Dup	1.3	12.2	62	0.47	300	< 1	3.6	14.1	20	14.8	3.3	31.8	< 0.01	< 2	< 8	> 30.0	2.7	2.0	582	0.2	0.2	< 6	1.8
745169 Orig	2.7	23.0	112	2.40	1130	2	6.0	18.7	90	21.2	5.0	142	0.10	< 2	< 8	27.0	3.7	3.0	223	0.5	0.5	< 6	6.5
745169 Dup	2.7	22.9	110	2.40	1110	3	6.1	19.0	100	19.3	5.1	143	0.10	< 2	< 8	27.4	3.1	2.9	227	0.5	0.5	< 6	6.2
745184 Orig	1.9	27.7	20	0.88	599	< 1	4.5	23.7	40	20.4	6.3	73.9	0.04	< 2	< 8	> 30.0	4.1	1.3	803	0.7	0.4	< 6	6.1
745184 Dup	2.0	27.0	21	0.88	595	< 1	4.7	23.4	50	17.4	6.4	71.5	0.03	< 2	< 8	> 30.0	4.3	1.9	792	0.7	0.3	< 6	6.0
745194 Orig	1.7	14.7	26	0.60	283	< 1	5.9	10.7	20	20.9	3.0	67.4	0.02	< 2	< 8	> 30.0	1.6	2.1	1260	0.4	0.2	< 6	7.1
745194 Dup	1.8	14.4	26	0.59	283	< 1	4.6	11.7	20	20.1	3.1	66.4	0.01	< 2	< 8	> 30.0	1.4	3.1	1250	0.5	0.2	< 6	7.1
745200 Split Orig	0.8	11.8	20	0.35	171	< 1	3.7	12.6	< 10	7.3	2.9	46.7	< 0.01	< 2	9	> 30.0	2.3	2.4	530	0.3	0.2	< 6	2.5
745200 Split	0.8	11.0	20	0.35	171	2	3.3	12.6	< 10	6.2	3.0	49.2	< 0.01	< 2	< 8	> 30.0	2.6	1.4	528	0.7	0.3	< 6	2.6
745204 Orig	2.2	32.0	23	0.48	233	4	5.3	27.0	10	19.7	7.1	76.4	< 0.01	< 2	< 8	> 30.0	4.5	2.1	738	0.7	0.2	< 6	9.9
745204 Dup	2.2	32.0	24	0.48	237	< 1	5.1	25.9	10	21.9	7.1	76.8	< 0.01	< 2	< 8	> 30.0	4.1	2.5	712	0.9	0.3	< 6	9.7
745214 Orig	2.1	27.3	34	0.88	591	< 1	4.8	19.4	40	19.8	5.2	79.2	0.06	< 2	< 8	29.9	3.2	2.2	476	0.3	0.3	< 6	6.1
745214 Dup	2.1	27.5	37	0.91	593	2	5.0	21.7	30	19.2	6.1	81.2	0.06	< 2	< 8	> 30.0	3.7	1.5	500	0.7	0.3	< 6	6.8
745224 Orig	2.0	35.8	36	1.06	1040	1	4.0	33.0	80	17.4	9.3	67.4	0.51	< 2	< 8	29.4	5.6	1.0	698	0.8	0.5	< 6	7.0
745224 Dup	2.0	39.0	39	1.07	1020	2	4.7	36.1	80	19.3	9.9	74.3	0.52	< 2	< 8	> 30.0	6.1	1.8	708	0.8	0.4	< 6	6.9
745234 Orig	2.0	34.2	37	1.36	785	< 1	5.4	32.2	60	19.6	9.0	67.6	< 0.01	< 2	< 8	29.0	4.9	1.4	1040	0.8	0.5	< 6	8.1
745234 Dup	2.1	34.3	38	1.36	793	1	5.2	32.1	60	18.6	8.5	68.3	0.01	< 2	< 8	29.0	4.5	19.7	1050	0.7	0.5	< 6	8.1
745244 Orig	2.2	30.0	38	1.46	499	3	6.3	21.1	50	37.7	6.2	96.5	0.02	< 2	< 8	> 30.0	4.2	1.5	297	1.0	0.4	< 6	10.3
745244 Dup	2.3	30.3	40	1.47	507	2	6.3	21.5	50	25.2	6.0	96.0	0.02	< 2	< 8	> 30.0	4.3	7.8	302	1.2	0.4	< 6	10.3
745250 Split Orig	2.0	22.4	55	0.38	201	1	3.7	14.2	20	11.3	4.2	83.2	0.02	< 2	< 8	> 30.0	2.0	1.2	388	0.5	0.2	< 6	6.7
745250 Split	2.0	22.0	61	0.38	198	1	3.4	14.3	10	11.0	4.2	78.6	0.02	< 2	< 8	> 30.0	2.1	1.1	385	0.5	0.2	< 6	6.9
745254 Orig	0.7	6.8	< 15	0.42	206	1	< 2.4	6.8	20	5.1	1.9	25.2	0.01	< 2	< 8	> 30.0	1.6	< 0.5	634	0.2	0.2	< 6	1.1
745254 Dup	0.7	6.4	< 15	0.42	213	1	< 2.4	7.0	< 10	5.4	1.8	27.2	< 0.01	< 2	< 8	> 30.0	1.3	1.6	649	0.3	0.2	< 6	1.1
745274 Orig	2.0	11.9	130	1.09	475	2	5.6	8.0	30	19.4	2.4	85.0	0.02	< 2	< 8	> 30.0	1.8	1.3	274	0.9	0.2	< 6	10.5
745274 Dup	1.9	12.4	141	1.08	475	4	5.6	7.3	40	19.7	2.4	87.5	0.01	< 2	< 8	> 30.0	1.2	42.5	275	0.5	0.2	< 6	10.3
745282 Orig	0.9	11.0	36	0.48	294	< 1	2.8	10.4	10	7.0	3.1	59.5	0.01	< 2	< 8	> 30.0	1.8	1.0	569	0.3	0.2	< 6	2.1
745282 Dup	0.9	11.6	39	0.48	318	< 1	3.3	11.5	10	7.5	3.0	64.8	0.02	< 2	< 8	> 30.0	2.8	1.0	589	0.8	0.2	< 6	2.0
745294 Orig	3.1	27.6	321	1.56	489	7	7.6	18.9	50	28.2	5.9	251	< 0.01	< 2	< 8	29.2	3.7	8.0	376	0.6	0.3	< 6	13.7
745294 Dup	3.1	27.0	326	1.56	485	6	7.5	19.8	50	31.5	6.0	241	< 0.01	< 2	< 8	29.4	3.8	8.7	376	1.1	0.3	< 6	14.4
745299 Orig	3.0	10.3	< 15	0.13	110	< 1	3.3	7.2	10	30.6	2.0	105	< 0.01	< 2	< 8	> 30.0	1.1	0.8	537	0.6	0.1	< 6	5.7
745299 Dup	3.0	9.7	< 15	0.13	111	2	3.1	7.4	< 10	28.7	1.9	109	< 0.01	< 2	< 8	> 30.0	1.5	1.0	558	0.4	0.1	< 6	5.6
745300 Split Orig	2.1	54.9	31	0.66	305	< 1	7.9	47.5	10	14.8	12.8	68.5	0.02	< 2	< 8	29.8	7.8	1.7	886	0.6	0.5	< 6	12.3
745300 Split	2.1	54.1	33	0.67	285	< 1	7.9	43.1	10	15.3	12.3	69.7	0.02	< 2	< 8	> 30.0	6.7	1.2	861	0.6	0.5	< 6	12.0
745312 Orig	3.3	24.7	44	1.02	425	2	4.0	22.7	40	17.4	6.9	98.0	0.03	< 2	< 8	> 30.0	3.1	1.7	399	0.4	0.2	< 6	5.9
745312 Dup	3.3	24.9	44	1.02	416	1	4.4	21.8	40	15.3	6.7	98.5	0.03	< 2	< 8	> 30.0	3.7	1.0	407	1.1	0.3	< 6	5.9
745318 Orig	1.5	31.7	28	1.30	547	< 1	6.2	29.1	50	8.3	8.8	48.0	< 0.01	< 2	< 8	29.3	5.1	0.9	699	0.9	0.4	< 6	9.2
745318 Dup	1.5	31.2	28	1.32	536	< 1	6.0	28.4	50	6.2	8.2	45.7	< 0.01	< 2	< 8	29.2	4.6	1.0	658	0.8	0.3	< 6	8.9

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745331 Orig	2.0	33.9	62	0.93	640	1	5.5	29.5	40	20.6	7.9	207	0.14	< 2	< 8	29.5	4.8	1.3	812	0.7	0.4	< 6	8.1
745331 Dup	2.2	34.3	69	1.00	647	< 1	5.8	29.7	40	20.6	8.1	209	0.14	< 2	< 8	> 30.0	4.6	2.1	829	0.5	0.4	< 6	8.5
745338 Orig	1.0	11.3	19	0.52	365	< 1	3.9	12.3	20	10.9	3.2	35.1	0.01	< 2	< 8	> 30.0	2.7	2.0	618	0.8	0.3	< 6	2.3
745338 Dup	1.0	10.5	18	0.51	339	1	3.5	11.8	20	17.0	2.8	31.1	< 0.01	< 2	< 8	> 30.0	2.7	8.3	556	0.2	0.3	< 6	2.2
745350 Split Orig	1.0	7.6	25	0.36	190	< 1	2.4	7.7	< 10	6.7	2.2	32.8	< 0.01	< 2	< 8	> 30.0	1.6	0.8	474	0.2	0.1	< 6	1.8
745350 Split	1.1	7.1	25	0.36	192	< 1	2.5	6.8	10	6.0	2.0	34.1	< 0.01	< 2	< 8	> 30.0	1.6	0.7	492	0.2	0.2	< 6	1.9
745353 Orig	1.2	22.6	29	0.44	629	2	7.8	34.5	10	5.5	7.6	99.3	< 0.01	< 2	11	> 30.0	5.2	3.0	793	1.6	0.5	< 6	3.5
745353 Dup	1.2	26.8	29	0.44	675	1	8.9	35.1	10	7.2	8.7	102	< 0.01	< 2	11	> 30.0	5.7	4.4	789	1.3	0.7	< 6	3.4
745358 Orig	4.5	28.5	110	2.25	584	13	8.1	24.4	80	22.0	7.0	191	0.03	< 2	9	26.0	4.3	1.9	216	0.6	0.5	< 6	13.7
745358 Dup	4.5	34.2	109	2.24	592	15	10.2	28.0	80	21.9	8.3	195	0.03	< 2	9	26.4	5.2	3.7	259	0.8	0.6	< 6	13.8
745378 Orig	2.5	24.1	57	1.44	584	3	6.9	20.5	50	24.5	5.8	102	0.02	< 2	10	> 30.0	2.8	4.0	325	0.6	0.4	< 6	11.0
745378 Dup	2.5	23.7	57	1.43	583	3	7.0	20.0	50	27.5	5.3	107	0.04	< 2	11	> 30.0	2.9	4.7	333	0.6	0.4	< 6	10.5
745386 Orig	1.1	3.2	52	0.28	245	1	3.0	5.1	< 10	9.9	1.1	45.9	0.01	< 2	< 8	> 30.0	1.4	2.7	421	0.2	0.2	< 6	1.3
745386 Dup	1.1	3.2	53	0.27	238	1	3.6	5.5	< 10	10.0	1.2	43.3	0.02	< 2	< 8	> 30.0	0.8	2.6	427	0.3	0.2	< 6	1.3
745398 Orig	1.1	16.4	33	1.16	532	< 1	4.5	17.3	40	20.2	4.1	38.2	< 0.01	< 2	< 8	> 30.0	2.6	2.5	793	0.5	0.3	< 6	5.5
745398 Dup	1.2	16.9	20	1.15	523	1	4.1	17.5	40	19.7	4.3	37.9	0.02	< 2	< 8	> 30.0	2.4	2.5	786	0.5	0.3	< 6	5.7
745400 Split Orig	2.7	28.8	66	1.14	445	1	5.5	26.5	30	64.5	6.7	94.9	< 0.01	< 2	9	> 30.0	3.4	2.6	454	0.5	0.3	< 6	7.8
745400 Split	2.7	28.3	66	1.14	417	1	5.8	25.5	30	55.2	6.9	100	0.01	< 2	10	> 30.0	3.6	3.1	451	0.6	0.3	< 6	7.7
745408 Orig	1.6	9.1	29	0.36	242	1	3.3	10.3	20	7.2	2.6	37.8	< 0.01	< 2	< 8	> 30.0	1.9	2.0	492	0.3	0.2	< 6	1.6
745408 Dup	1.5	9.1	33	0.36	234	2	3.2	9.3	20	8.3	2.8	37.4	< 0.01	< 2	< 8	> 30.0	2.0	2.1	473	0.3	0.2	< 6	1.5
745415 Orig	1.7	37.1	48	2.07	746	< 1	4.6	36.8	90	21.9	10.0	79.4	< 0.01	< 2	10	29.3	5.9	2.2	566	0.4	0.5	< 6	6.7
745415 Dup	1.7	35.5	49	2.08	726	1	4.3	34.3	80	21.2	9.8	75.6	< 0.01	< 2	11	28.9	5.3	2.1	544	0.8	0.5	< 6	6.4
745428 Orig	3.2	37.0	76	1.93	604	4	8.1	28.0	110	24.0	7.5	118	0.01	< 2	< 8	28.6	4.4	2.5	213	0.6	0.5	< 6	10.8
745428 Dup	3.1	37.6	80	1.92	615	5	8.5	31.2	90	23.5	8.6	120	0.02	< 2	11	28.9	5.0	2.5	222	1.1	0.7	< 6	11.4
745442 Orig	1.7	49.9	39	2.68	1120	4	5.2	57.0	30	17.0	14.8	61.6	0.21	< 2	10	25.7	7.9	2.2	1240	0.6	0.8	< 6	7.4
745442 Dup	1.7	50.8	40	2.68	1140	1	5.1	55.8	30	22.2	14.8	61.1	0.23	< 2	9	25.7	8.6	2.9	1280	0.9	0.8	< 6	7.8
745448 Orig	2.1	28.1	76	1.81	745	1	3.9	30.0	50	15.1	7.6	95.3	< 0.01	< 2	12	28.9	4.9	1.6	789	0.6	0.4	< 6	6.8
745448 Dup	2.1	28.1	77	1.82	757	1	4.0	31.4	110	15.8	8.4	99.5	< 0.01	< 2	< 8	28.8	4.9	2.0	818	0.3	0.4	< 6	6.8
745450 Split Orig	2.0	27.2	106	2.07	565	2	4.9	30.2	100	21.7	7.7	77.4	0.01	< 2	9	29.5	3.9	1.5	925	0.7	0.4	< 6	8.6
745450 Split	2.1	28.5	115	2.07	550	3	4.8	33.0	70	20.4	8.3	81.4	< 0.01	< 2	10	29.6	3.9	1.7	972	0.7	0.5	< 6	9.1
745457 Orig	1.7	24.8	113	1.07	496	3	4.9	26.7	50	19.7	7.1	67.7	0.02	< 2	8	> 30.0	3.4	0.9	631	0.5	0.3	< 6	7.2
745457 Dup	1.7	25.1	115	1.08	484	3	5.0	26.2	50	21.2	6.9	65.0	0.02	< 2	< 8	> 30.0	3.1	2.3	641	0.7	0.4	< 6	7.4
745464 Orig	1.4	21.1	115	0.84	390	2	3.3	18.7	30	12.1	5.4	48.9	< 0.01	< 2	9	> 30.0	2.2	1.6	795	0.9	0.2	< 6	4.0
745464 Dup	1.4	20.9	113	0.84	394	1	3.0	17.8	40	12.0	5.3	49.9	< 0.01	< 2	12	> 30.0	2.4	2.0	782	0.3	0.2	< 6	4.1
745482 Orig	1.8	24.3	71	1.87	580	2	5.4	26.8	80	24.6	7.1	79.3	< 0.01	< 2	< 8	> 30.0	5.2	1.2	1080	0.5	0.5	< 6	8.2
745482 Dup	1.8	24.5	70	1.85	585	2	5.3	25.0	60	25.7	6.9	77.9	< 0.01	< 2	10	29.3	4.4	1.8	1080	0.4	0.5	< 6	8.3
745492 Orig	1.8	29.9	29	0.91	841	5	5.2	22.0	40	17.3	6.7	85.7	0.06	< 2	9	> 30.0	3.0	1.7	468	2.6	0.4	< 6	6.6
745492 Dup	1.8	29.2	29	0.91	835	14	4.2	22.0	100	18.1	6.0	85.0	0.05	< 2	10	> 30.0	3.0	1.3	456	1.0	0.3	< 6	6.6
745500 Split Orig	2.2	23.8	33	1.75	1070	2	4.7	27.4	100	15.3	6.9	110	< 0.01	< 2	< 8	29.6	4.1	0.9	631	3.6	0.5	< 6	7.1
745500 Split	2.2	24.1	31	1.74	1060	1	4.3	26.4	90	14.8	7.2	104	< 0.01	< 2	< 8	29.1	4.2	1.6	620	0.4	0.4	< 6	6.8
745501 Orig	1.0	15.0	< 15	1.09	1580	3	4.5	17.2	50	9.4	4.4	24.8	0.04	< 2	11	27.7	3.0	1.1	588	3.2	0.5	< 6	1.7
745501 Dup	1.0	14.2	< 15	1.09	1560	2	4.7	16.9	60	9.9	4.7	25.1	0.04	< 2	10	27.8	3.0	1.6	583	1.4	0.5	< 6	1.8
745512 Orig	1.8	18.5	90	1.08	458	3	4.2	13.6	20	12.9	4.5	69.2	0.25	< 2	< 8	> 30.0	1.7	1.1	753	3.0	0.1	< 6	5.6
745512 Dup	1.8	18.6	90	1.08	462	3	4.5	14.0	30	13.7	4.6	70.1	0.25	< 2	< 8	> 30.0	1.4	1.3	749	3.8	0.2	< 6	5.6
745522 Orig	1.6	25.4	23	2.12	652	3	4.9	24.7	70	18.0	6.9	47.4	< 0.01	< 2	12	29.0	4.2	0.6	743	1.0	0.5	< 6	6.2
745522 Dup	1.6	26.0	25	2.12	684	2	5.0	26.1	70	17.8	7.0	51.6	< 0.01	< 2	9	29.3	4.3	1.4	757	1.5	0.5	< 6	6.3
745532 Orig	1.6	33.4	33	1.96	459	1	6.3	35.6	60	23.5	9.7	53.9	< 0.01	< 2	9	> 30.0	5.1	0.8	866	0.6	0.6	< 6	10.4
745532 Dup	1.7	36.0	34	1.98	501	1	6.6	39.3	60	26.4	10.5	59.7	< 0.01	< 2	< 8	29.7	5.9	1.4	930	0.7	0.6	< 6	11.6
745545 Orig	1.9	8.0	26	1.88	1100	2	5.7	9.7	80	13.9	2.5	77.4	0.01	< 2	10	27.9	1.7	1.3	197	4.7	0.4	< 6	4.8
745545 Dup	1.9	7.6	26	1.87	1090	2	5.3	9.2	80	12.2	2.4	70.2	0.04	< 2	12	27.5	1.8	1.4	196	6.1	0.4	< 6	4.8
745551 Split Orig	2.0	39.8	23	1.92	963	1	5.0	42.0	90	24.1	11.8	59.3	0.02	< 2	8	28.6	6.1	1.3	730	0.6	0.6	< 6	8.2
745551 Split	2.0	40.6	24	1.93	1010	3	5.0	43.6	90	21.3	11.3	64.2	0.01	< 2	13	28.3	5.6	2.0	752	0.9	0.6	< 6	8.2

Analyte Symbol	K_FUS- Na2O2 %	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 %	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
745553 Orig	2.1	35.2	< 15	1.79	645	< 1	5.6	35.4	30	24.4	9.7	70.2	0.26	< 2	13	25.4	5.5	1.5	1230	0.9	0.5	< 6	8.7
745553 Dup	2.2	34.4	< 15	1.78	660	< 1	4.3	35.1	30	24.4	9.7	73.1	0.27	< 2	11	25.6	5.9	0.9	1220	1.0	0.5	< 6	8.7
745566 Orig	0.9	13.8	< 15	0.88	246	1	3.3	15.9	50	8.8	4.2	34.2	< 0.01	< 2	11	> 30.0	2.6	1.1	347	0.7	0.2	< 6	3.2
745566 Dup	0.9	14.5	< 15	0.88	241	2	3.2	16.7	30	8.6	4.2	30.4	0.02	< 2	9	> 30.0	2.9	1.2	345	0.5	0.2	< 6	3.3
745574 Orig	2.0	34.1	33	2.46	751	1	4.6	35.5	70	19.0	9.9	77.1	0.05	< 2	10	29.8	5.7	2.3	773	1.2	0.4	< 6	8.3
745574 Dup	1.9	33.7	29	2.47	748	1	4.3	34.9	70	17.2	9.5	74.9	0.05	< 2	< 8	29.6	4.8	2.6	771	1.3	0.5	< 6	8.1
745583 Orig	1.4	27.1	88	0.96	531	1	4.5	27.0	40	20.2	7.5	61.0	0.02	< 2	10	> 30.0	4.2	1.5	814	0.5	0.4	< 6	5.7
745583 Dup	1.3	26.9	85	0.97	522	< 1	4.5	26.1	40	16.6	7.8	60.7	0.03	< 2	< 8	> 30.0	3.8	1.4	823	0.5	0.4	< 6	5.7
Method Blank	< 0.1		< 15	< 0.01									< 0.01			0.02							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	< 10	7.1	< 0.1	0.9	< 0.01	< 2	< 8	< 0.01	< 0.1	1.4	12	1.1	< 0.1	< 6	< 0.1
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	< 10	5.5	< 0.1	1.2	< 0.01	< 2	< 8	< 0.01	< 0.1	1.2	10	0.7	< 0.1	< 6	< 0.1
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	< 10	2.5	< 0.1	0.5	< 0.01	< 2	< 8	< 0.01	< 0.1	1.1	15	0.6	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	10	7.4	< 0.1	0.4	< 0.01	< 2	< 8	< 0.01	< 0.1	2.6	11	< 0.2	< 0.1	< 6	< 0.1
Method Blank		< 0.4			4	< 1	< 2.4	< 0.4	20	7.9	< 0.1	0.5		< 2	< 8		< 0.1	1.5	8	< 0.2	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	10	5.5	< 0.1	0.8	< 0.01	< 2	< 8	< 0.01	< 0.1	1.4	9	0.5	< 0.1	< 6	< 0.1
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1		< 15	< 0.01									< 0.01			0.04							
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	< 10	7.3	< 0.1	0.5	< 0.01	< 2	< 8	< 0.01	< 0.1	< 0.5	10	0.9	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	< 10	4.7	< 0.1	0.8		< 2	< 8		< 0.1	< 0.5	10	0.8	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	5	1	< 2.4	< 0.4	< 10	3.7	< 0.1	0.6	0.03	< 2	< 8	< 0.01	< 0.1	0.7	10	3.2	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	< 10				< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	< 10	3.2	< 0.1	0.8	< 0.01	< 2	9	< 0.01	< 0.1	5.0	13	0.9	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	< 10	0.9	< 0.1	0.6		< 2	< 8		< 0.1	< 0.5	10	0.7	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	10	6.1	< 0.1	0.7	< 0.01	< 2	9	< 0.01	< 0.1	3.8	10	0.9	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	< 10	4.1	< 0.1	1.0		< 2	< 8		< 0.1	< 0.5	8	1.0	< 0.1	< 6	< 0.1
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1		21	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1		20	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	3	2	< 2.4	< 0.4	20	5.4	< 0.1	0.6	< 0.01	< 2	< 8	< 0.01	< 0.1	1.1	11	< 0.2	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	4	9	< 2.4	< 0.4	< 10	5.5	< 0.1	1.1	< 0.01	< 2	< 8	< 0.01	< 0.1	1.5	13	1.1	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	< 10	5.2	< 0.1	0.7	< 0.01	< 2	14	< 0.01	< 0.1	0.9	10	1.0	< 0.1	< 6	< 0.1
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							
Method Blank	< 0.1	< 0.4	< 15	< 0.01	3	< 1	< 2.4	< 0.4	10	2.4	< 0.1	0.7	< 0.01	< 2	< 8	< 0.01	< 0.1	< 0.5	10	1.3	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	3	< 1	< 2.4	< 0.4	10	5.1	< 0.1	0.6	< 0.01	< 2	< 8	< 0.01	< 0.1	0.5	10	0.3	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	< 10	7.5	< 0.1	0.4	< 0.01	< 2	< 8	0.01	< 0.1	0.6	9	< 0.2	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	10	3.6	< 0.1	0.8		< 2	9		< 0.1	1.4	10	0.9	< 0.1	< 6	< 0.1

Analyte Symbol	Ti_FUS Na2O2 %	Ti_FUS -MS- Na2O2 ppm	Tm_FU S-MS- Na2O2 ppm	U_FUS- MS- Na2O2 ppm	V_FUS- MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS- MS- Na2O2 ppm	Yb_FU S-MS- Na2O2 ppm	Zn_FU S-MS- Na2O2 ppm	Certific ate	Date_R eceived	Date_Fi nalized
742551	0.66	< 0.1	0.4	0.4	376	1.8	25.5	2.7	80	A22-08702	2022-06-23	2022-09-07
742552	0.18	0.4	0.1	1.2	34	1.8	7.5	0.7	50	A22-08702	2022-06-23	2022-09-07
742553	0.02	1.0	0.7	4.3	< 5	4.4	42.3	4.6	30	A22-08702	2022-06-23	2022-09-07
742554	< 0.01	3.0	< 0.1	1.7	< 5	2.2	7.5	0.4	30	A22-08702	2022-06-23	2022-09-07
742555	0.31	0.7	0.1	1.5	97	2.8	7.6	0.8	80	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
742556	0.02	1.8	0.3	11.6	< 5	2.7	22.8	2.2	40	A22-08702	2022-06-23	2022-09-07
742557	0.35	0.6	0.3	2.0	141	2.0	17.5	1.7	100	A22-08702	2022-06-23	2022-09-07
742558	0.14	0.2	< 0.1	2.1	38	2.2	6.4	0.7	40	A22-08702	2022-06-23	2022-09-07
742559	0.37	0.5	0.3	1.4	163	2.0	16.6	1.8	100	A22-08702	2022-06-23	2022-09-07
742560	0.39	0.4	0.3	1.5	172	2.1	17.8	2.0	100	A22-08702	2022-06-23	2022-09-07
742561	0.24	0.2	0.2	1.5	100	12.8	13.4	1.0	130	A22-08702	2022-06-23	2022-09-07
742562	0.34	0.3	0.3	2.0	125	1.5	15.0	1.6	90	A22-08702	2022-06-23	2022-09-07
742563	0.32	0.8	0.2	1.6	116	1.6	14.4	1.4	80	A22-08702	2022-06-23	2022-09-07
742564	0.37	0.3	0.3	2.0	152	1.7	15.6	1.8	100	A22-08702	2022-06-23	2022-09-07
742565	0.17	0.3	< 0.1	2.5	34	1.6	5.9	0.4	60	A22-08702	2022-06-23	2022-09-07
742566	0.37	0.7	0.2	2.9	134	2.7	13.0	1.1	100	A22-08702	2022-06-23	2022-09-07
742567	0.14	0.1	< 0.1	1.3	26	2.0	5.8	0.5	50	A22-08702	2022-06-23	2022-09-07
742568	0.38	0.6	0.2	1.7	93	1.4	13.6	1.2	70	A22-08702	2022-06-23	2022-09-07
742569	0.19	0.2	0.1	0.6	34	1.3	7.5	0.7	70	A22-08702	2022-06-23	2022-09-07
742570	0.19	0.3	0.1	0.9	35	1.5	7.4	0.7	70	A22-08702	2022-06-23	2022-09-07
742571	0.13	0.7	< 0.1	2.0	16	1.3	2.7	0.2	60	A22-08702	2022-06-23	2022-09-07
742572	0.23	0.4	< 0.1	0.7	58	1.2	4.5	0.4	80	A22-08702	2022-06-23	2022-09-07
742573	0.34	0.2	0.1	0.6	72	1.6	6.8	0.6	60	A22-08702	2022-06-23	2022-09-07
742574	0.20	0.2	< 0.1	0.7	37	1.7	6.2	0.5	60	A22-08702	2022-06-23	2022-09-07
742575	0.19	0.3	< 0.1	1.1	38	1.3	6.3	0.6	80	A22-08702	2022-06-23	2022-09-07
742576	0.20	0.4	< 0.1	1.0	42	2.1	5.5	0.5	90	A22-08702	2022-06-23	2022-09-07
742577	0.19	0.3	0.1	0.5	118	1.3	6.7	0.7	90	A22-08702	2022-06-23	2022-09-07
742578	0.21	1.4	< 0.1	2.3	46	1.8	8.6	1.0	100	A22-08702	2022-06-23	2022-09-07
742579	0.20	0.1	< 0.1	0.9	41	2.2	7.2	0.6	70	A22-08702	2022-06-23	2022-09-07
742580	0.42	< 0.1	0.2	0.3	274	1.6	15.8	1.7	60	A22-08702	2022-06-23	2022-09-07
742581	0.13	0.3	< 0.1	2.0	22	2.0	3.5	0.4	50	A22-08702	2022-06-23	2022-09-07
742582	0.17	0.6	0.1	1.5	31	2.6	8.8	0.9	60	A22-08702	2022-06-23	2022-09-07
742583	0.12	0.3	< 0.1	1.0	26	1.7	5.6	0.6	70	A22-08702	2022-06-23	2022-09-07
742584	0.43	< 0.1	0.3	0.4	332	1.2	17.4	2.1	50	A22-08702	2022-06-23	2022-09-07
742585	0.24	0.5	0.1	2.7	68	1.9	8.8	1.1	50	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - MS- Na2O2 ppm	Zn_FUS - MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
742586	0.17	0.6	< 0.1	3.0	39	3.1	3.9	0.5	30	A22-08702	2022-06-23	2022-09-07
742587	0.16	0.3	0.1	1.1	63	1.4	9.5	1.0	70	A22-08702	2022-06-23	2022-09-07
742588	0.15	0.9	< 0.1	2.4	35	1.5	5.5	0.7	40	A22-08702	2022-06-23	2022-09-07
742589	0.35	1.0	0.1	2.0	108	2.2	8.8	0.9	90	A22-08702	2022-06-23	2022-09-07
742590	0.28	0.8	0.1	2.3	77	1.7	9.6	0.9	70	A22-08702	2022-06-23	2022-09-07
742591	0.29	0.6	0.2	1.1	97	1.6	10.9	0.9	50	A22-08702	2022-06-23	2022-09-07
742592	0.32	0.6	0.2	1.7	114	1.9	12.5	1.3	90	A22-08702	2022-06-23	2022-09-07
742593	0.24	0.4	< 0.1	1.1	42	1.8	6.9	1.0	80	A22-08702	2022-06-23	2022-09-07
742594	0.19	0.2	0.1	0.8	46	1.7	8.0	0.8	80	A22-08702	2022-06-23	2022-09-07
742595	0.22	0.1	0.1	0.8	43	39.0	5.5	0.6	60	A22-08702	2022-06-23	2022-09-07
742596	0.29	0.5	0.2	3.3	83	2.1	9.7	1.2	80	A22-08702	2022-06-23	2022-09-07
742597	0.14	0.4	0.1	0.8	34	1.7	6.2	0.5	80	A22-08702	2022-06-23	2022-09-07
742598	0.22	0.3	< 0.1	2.2	34	0.9	5.8	0.5	70	A22-08702	2022-06-23	2022-09-07
742599	0.21	0.1	< 0.1	0.6	42	0.7	6.8	0.6	60	A22-08702	2022-06-23	2022-09-07
742600	0.18	0.2	< 0.1	1.1	46	1.6	5.2	0.6	60	A22-08702	2022-06-23	2022-09-07
745001	0.14	0.3	< 0.1	1.9	20	1.6	2.7	0.3	60	A22-08702	2022-06-23	2022-09-07
745002	0.77	< 0.1	0.7	0.3	288	1.1	38.3	4.1	90	A22-08702	2022-06-23	2022-09-07
745003	0.10	0.9	< 0.1	2.3	12	1.9	2.1	0.2	60	A22-08702	2022-06-23	2022-09-07
745004	0.20	0.5	< 0.1	1.6	31	2.9	4.2	0.5	50	A22-08702	2022-06-23	2022-09-07
745005	0.21	0.4	< 0.1	1.4	28	1.0	3.2	0.3	80	A22-08702	2022-06-23	2022-09-07
745006	0.16	0.1	0.1	0.6	31	0.9	8.3	0.7	80	A22-08702	2022-06-23	2022-09-07
745007	0.28	0.6	0.1	1.1	85	1.5	9.8	0.9	100	A22-08702	2022-06-23	2022-09-07
745008	0.26	0.7	0.1	1.9	72	2.0	10.4	0.9	90	A22-08702	2022-06-23	2022-09-07
745009	0.22	0.4	0.1	2.0	66	1.3	9.2	0.8	80	A22-08702	2022-06-23	2022-09-07
745010	0.24	0.5	0.1	1.7	65	1.5	6.9	0.9	80	A22-08702	2022-06-23	2022-09-07
745011	0.17	0.3	0.2	0.8	67	1.3	11.3	1.0	50	A22-08702	2022-06-23	2022-09-07
745012	0.22	0.3	0.1	1.3	76	1.2	8.9	0.9	70	A22-08702	2022-06-23	2022-09-07
745013	0.07	0.2	< 0.1	2.2	10	1.4	3.2	0.3	40	A22-08702	2022-06-23	2022-09-07
745014	0.27	0.9	0.2	1.2	115	1.2	12.5	1.5	60	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - S-MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - S-MS- Na2O2 ppm	Zn_FUS - S-MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745015	0.17	0.3	0.1	1.5	58	1.7	9.6	1.0	80	A22-08702	2022-06-23	2022-09-07
745016	0.19	0.4	0.1	0.7	57	1.4	7.3	0.7	70	A22-08702	2022-06-23	2022-09-07
745017	0.42	0.1	0.2	1.6	166	2.1	16.7	1.5	100	A22-08702	2022-06-23	2022-09-07
745018	0.40	0.2	0.2	1.6	150	1.4	16.9	1.7	110	A22-08702	2022-06-23	2022-09-07
745019	0.15	0.3	0.1	0.6	26	2.1	7.3	0.7	70	A22-08702	2022-06-23	2022-09-07
745020	0.28	< 0.1	0.2	0.2	329	1.1	10.4	1.2	90	A22-08702	2022-06-23	2022-09-07
745021	0.54	< 0.1	0.4	0.3	322	0.8	20.7	2.2	430	A22-08702	2022-06-23	2022-09-07
745022	0.23	0.4	0.1	1.2	51	1.1	5.8	0.7	60	A22-08702	2022-06-23	2022-09-07
745023	0.17	0.3	0.1	1.9	50	1.9	8.1	0.8	90	A22-08702	2022-06-23	2022-09-07
745024	0.26	0.4	0.2	3.6	71	1.8	12.4	1.1	60	A22-08702	2022-06-23	2022-09-07
745025	0.26	0.3	< 0.1	1.8	52	2.7	7.3	0.7	40	A22-08702	2022-06-23	2022-09-07
745026	0.36	< 0.1	0.2	0.2	258	1.0	14.1	1.7	60	A22-08702	2022-06-23	2022-09-07
745027	0.17	0.2	0.1	0.7	31	0.9	6.5	0.8	100	A22-08702	2022-06-23	2022-09-07
745028	0.26	0.2	0.1	1.1	51	1.7	7.9	0.6	80	A22-08702	2022-06-23	2022-09-07
745029	0.16	0.3	< 0.1	0.9	27	1.9	4.1	0.4	70	A22-08702	2022-06-23	2022-09-07
745030	0.14	0.7	< 0.1	3.5	30	1.8	6.8	0.7	80	A22-08702	2022-06-23	2022-09-07
745031	0.02	1.7	0.2	5.7	< 5	1.3	11.3	1.2	< 30	A22-08702	2022-06-23	2022-09-07
745032	0.28	0.2	0.1	0.8	52	1.2	6.2	0.7	70	A22-08702	2022-06-23	2022-09-07
745033	0.16	0.4	< 0.1	0.8	29	1.0	3.4	0.4	90	A22-08702	2022-06-23	2022-09-07
745034	0.23	0.5	< 0.1	0.7	44	1.3	5.7	0.7	70	A22-08702	2022-06-23	2022-09-07
745035	0.26	0.6	0.1	3.1	67	1.9	9.9	1.2	60	A22-08702	2022-06-23	2022-09-07
745036	0.31	0.8	0.2	1.8	94	1.1	10.9	1.0	90	A22-08702	2022-06-23	2022-09-07
745037	0.31	0.5	0.1	1.7	92	1.3	9.8	0.9	70	A22-08702	2022-06-23	2022-09-07
745038	0.32	0.6	0.2	1.8	112	1.4	12.9	1.2	100	A22-08702	2022-06-23	2022-09-07
745039	0.22	0.4	< 0.1	0.7	41	1.7	5.1	0.5	70	A22-08702	2022-06-23	2022-09-07
745040	0.24	0.3	0.1	0.7	46	1.4	5.9	0.4	70	A22-08702	2022-06-23	2022-09-07
745041	0.29	0.2	0.2	0.5	236	1.4	11.9	1.7	80	A22-08702	2022-06-23	2022-09-07
745042	0.13	0.2	< 0.1	1.4	23	1.2	4.2	0.4	40	A22-08702	2022-06-23	2022-09-07
745043	0.19	0.1	0.1	0.4	37	1.0	8.4	0.8	80	A22-08702	2022-06-23	2022-09-07
745044	0.21	0.2	0.1	1.2	54	1.1	8.5	0.9	60	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745045	0.08	1.2	< 0.1	6.7	9	1.6	4.6	0.5	50	A22-08702	2022-06-23	2022-09-07
745046	0.15	0.2	< 0.1	1.4	29	1.7	5.1	0.6	40	A22-08702	2022-06-23	2022-09-07
745047	0.06	0.1	< 0.1	0.6	11	0.8	1.4	0.2	30	A22-08702	2022-06-23	2022-09-07
745048	0.12	0.1	< 0.1	0.8	22	1.3	3.7	0.4	50	A22-08702	2022-06-23	2022-09-07
745049	0.24	0.2	< 0.1	1.7	38	1.4	6.7	0.6	50	A22-08702	2022-06-23	2022-09-07
745050	0.08	< 0.1	0.1	0.4	34	0.8	8.7	0.7	40	A22-08702	2022-06-23	2022-09-07
745101	0.37	0.5	0.2	1.6	101	1.1	11.7	1.0	90	A22-08702	2022-06-23	2022-09-07
745102	0.26	0.8	0.2	7.4	75	1.9	10.6	0.9	80	A22-08702	2022-06-23	2022-09-07
745103	0.31	0.3	0.2	2.8	72	1.0	11.2	1.1	90	A22-08702	2022-06-23	2022-09-07
745104	0.14	0.4	< 0.1	1.3	35	1.6	6.3	0.6	70	A22-08702	2022-06-23	2022-09-07
745105	0.18	0.2	< 0.1	0.6	37	3.8	6.9	0.7	70	A22-08702	2022-06-23	2022-09-07
745106	0.15	0.2	0.1	0.8	30	1.9	6.4	0.7	60	A22-08702	2022-06-23	2022-09-07
745107	0.07	0.3	< 0.1	1.1	16	2.6	3.8	0.4	40	A22-08702	2022-06-23	2022-09-07
745108	0.49	< 0.1	0.3	1.0	278	1.4	20.2	2.3	90	A22-08702	2022-06-23	2022-09-07
745109	0.22	0.2	< 0.1	0.9	41	0.8	6.5	0.7	60	A22-08702	2022-06-23	2022-09-07
745110	0.16	0.4	0.1	1.0	54	0.9	7.5	0.9	50	A22-08702	2022-06-23	2022-09-07
745111	0.29	2.7	0.1	1.5	56	1.4	9.6	0.9	80	A22-08702	2022-06-23	2022-09-07
745112	0.32	0.4	0.2	1.7	94	1.9	10.5	1.1	80	A22-08702	2022-06-23	2022-09-07
745113	0.28	0.2	0.1	1.6	91	1.7	9.4	1.0	70	A22-08702	2022-06-23	2022-09-07
745114	0.35	0.3	0.2	2.5	114	1.6	10.7	1.2	230	A22-08702	2022-06-23	2022-09-07
745115	0.29	0.3	0.1	1.5	87	1.2	8.2	1.0	80	A22-08702	2022-06-23	2022-09-07
745116	0.31	0.7	0.2	1.2	72	0.7	17.6	1.6	70	A22-08702	2022-06-23	2022-09-07
745117	0.59	1.3	0.3	2.9	122	2.0	18.9	2.0	80	A22-08702	2022-06-23	2022-09-07
745118	0.30	0.3	0.1	1.7	79	1.0	11.2	1.2	70	A22-08702	2022-06-23	2022-09-07
745119	0.32	0.4	0.2	1.6	89	1.3	9.9	0.9	90	A22-08702	2022-06-23	2022-09-07
745120	0.16	0.1	< 0.1	0.5	29	1.0	2.7	0.3	70	A22-08702	2022-06-23	2022-09-07
745121	0.23	0.3	< 0.1	1.2	45	3.5	2.6	0.4	80	A22-08702	2022-06-23	2022-09-07
745122	0.24	0.2	< 0.1	1.1	39	1.3	5.6	0.5	90	A22-08702	2022-06-23	2022-09-07
745123	0.16	0.2	< 0.1	0.7	21	1.3	4.7	0.4	100	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745124	0.20	0.2	< 0.1	0.5	37	0.9	3.5	0.4	80	A22-08702	2022-06-23	2022-09-07
745125	0.18	0.2	< 0.1	1.0	32	1.1	6.1	0.7	60	A22-08702	2022-06-23	2022-09-07
745126	0.17	0.3	< 0.1	1.1	23	3.2	4.0	0.3	60	A22-08702	2022-06-23	2022-09-07
745127	0.22	0.3	< 0.1	0.9	45	1.6	8.0	0.6	80	A22-08702	2022-06-23	2022-09-07
745128	0.26	0.4	0.1	1.7	57	1.0	8.9	0.7	90	A22-08702	2022-06-23	2022-09-07
745129	0.06	0.8	< 0.1	2.9	8	0.9	1.7	0.1	40	A22-08702	2022-06-23	2022-09-07
745130	0.11	1.0	< 0.1	2.4	12	1.6	3.6	0.5	40	A22-08702	2022-06-23	2022-09-07
745131	0.16	0.3	< 0.1	0.8	30	0.9	7.7	0.7	70	A22-08702	2022-06-23	2022-09-07
745132	0.16	0.1	0.1	0.8	30	1.3	8.0	0.9	70	A22-08702	2022-06-23	2022-09-07
745133	0.21	0.2	< 0.1	0.4	34	1.6	4.9	0.5	70	A22-08702	2022-06-23	2022-09-07
745134	0.18	0.2	< 0.1	0.8	31	1.4	6.3	0.6	50	A22-08702	2022-06-23	2022-09-07
745135	0.22	0.2	0.1	0.9	36	1.8	9.1	0.8	80	A22-08702	2022-06-23	2022-09-07
745136	0.21	0.2	< 0.1	0.8	36	1.9	4.4	0.5	60	A22-08702	2022-06-23	2022-09-07
745137	0.21	0.2	0.1	0.7	37	1.7	6.1	0.8	60	A22-08702	2022-06-23	2022-09-07
745138	0.17	0.2	< 0.1	1.0	32	2.1	5.4	0.7	60	A22-08702	2022-06-23	2022-09-07
745139	0.22	0.2	0.1	0.5	39	1.4	6.6	0.7	80	A22-08702	2022-06-23	2022-09-07
745140	0.17	0.2	< 0.1	0.9	30	2.0	4.9	0.5	50	A22-08702	2022-06-23	2022-09-07
745141	0.21	0.1	0.1	0.6	38	1.9	8.2	0.7	80	A22-08702	2022-06-23	2022-09-07
745142	0.26	0.5	< 0.1	1.5	28	4.3	3.8	0.4	60	A22-08702	2022-06-23	2022-09-07
745143	0.15	< 0.1	0.1	< 0.1	146	1.5	6.9	0.8	60	A22-08702	2022-06-23	2022-09-07
745144	0.16	0.5	< 0.1	2.7	30	1.6	4.3	0.3	50	A22-08702	2022-06-23	2022-09-07
745145	0.26	0.3	0.1	4.0	65	1.8	10.6	0.8	70	A22-08702	2022-06-23	2022-09-07
745146	0.27	0.4	0.1	1.2	72	1.4	9.3	0.8	90	A22-08702	2022-06-23	2022-09-07
745147	0.30	0.5	0.1	1.6	85	1.8	7.4	1.0	70	A22-08702	2022-06-23	2022-09-07
745148	0.35	0.4	0.2	3.4	73	1.5	14.0	1.1	90	A22-08702	2022-06-23	2022-09-07
745149	0.21	0.3	< 0.1	1.3	70	2.8	6.8	0.7	50	A22-08702	2022-06-23	2022-09-07
745150	0.31	0.4	0.1	1.5	80	1.4	9.6	0.9	70	A22-08702	2022-06-23	2022-09-07
745151	0.20	0.3	< 0.1	0.8	37	1.3	4.7	0.5	40	A22-08702	2022-06-23	2022-09-07
745152	0.25	0.2	0.1	1.0	50	1.6	7.6	0.9	70	A22-08702	2022-06-23	2022-09-07
745153	0.43	< 0.1	0.4	0.5	26	1.4	21.4	2.1	70	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745154	0.14	0.2	< 0.1	0.5	27	1.7	3.3	0.5	60	A22-08702	2022-06-23	2022-09-07
745155	0.19	0.3	< 0.1	2.1	45	1.8	4.0	0.4	50	A22-08702	2022-06-23	2022-09-07
745156	0.19	0.3	< 0.1	1.7	39	1.1	4.3	0.7	60	A22-08702	2022-06-23	2022-09-07
745157	0.20	0.2	< 0.1	1.0	36	1.0	4.3	0.6	60	A22-08702	2022-06-23	2022-09-07
745158	0.18	0.2	< 0.1	0.8	30	1.0	7.2	0.6	60	A22-08702	2022-06-23	2022-09-07
745159	0.18	0.2	< 0.1	0.7	33	1.2	4.8	0.5	60	A22-08702	2022-06-23	2022-09-07
745160	0.25	0.4	< 0.1	2.1	40	1.6	5.2	0.6	50	A22-08702	2022-06-23	2022-09-07
745161	0.16	< 0.1	0.1	0.6	29	1.4	7.0	0.8	40	A22-08702	2022-06-23	2022-09-07
745162	0.26	0.3	< 0.1	1.0	62	1.4	6.2	0.7	70	A22-08702	2022-06-23	2022-09-07
745163	0.21	0.3	< 0.1	1.3	46	1.4	5.9	0.8	50	A22-08702	2022-06-23	2022-09-07
745164	0.21	0.2	0.1	0.5	36	1.0	7.6	0.5	80	A22-08702	2022-06-23	2022-09-07
745165	0.09	0.9	< 0.1	2.5	13	3.4	2.4	0.3	40	A22-08702	2022-06-23	2022-09-07
745166	0.36	0.8	0.2	2.3	115	2.0	8.4	1.0	90	A22-08702	2022-06-23	2022-09-07
745167	0.14	0.4	< 0.1	2.5	21	2.2	2.2	0.2	50	A22-08702	2022-06-23	2022-09-07
745168	0.17	0.2	< 0.1	0.8	32	1.3	4.8	0.6	60	A22-08702	2022-06-23	2022-09-07
745169	0.39	0.9	0.3	1.8	186	2.0	18.9	1.9	90	A22-08702	2022-06-23	2022-09-07
745170	0.32	0.4	0.2	2.0	92	1.8	10.5	1.0	70	A22-08702	2022-06-23	2022-09-07
745171	0.29	0.6	0.1	1.9	84	1.4	6.9	0.8	80	A22-08702	2022-06-23	2022-09-07
745172	0.07	< 0.1	0.1	1.6	31	1.7	6.3	0.7	40	A22-08702	2022-06-23	2022-09-07
745173	0.33	0.6	0.2	2.0	99	1.7	10.1	0.8	90	A22-08702	2022-06-23	2022-09-07
745174	0.30	0.4	0.1	1.7	89	1.6	8.3	0.9	80	A22-08702	2022-06-23	2022-09-07
745175	0.22	0.2	0.1	1.3	63	1.4	9.5	0.8	50	A22-08702	2022-06-23	2022-09-07
745176	0.26	0.2	0.1	1.5	67	1.5	8.0	0.8	70	A22-08702	2022-06-23	2022-09-07
745177	0.32	0.4	0.2	2.5	98	2.1	10.4	0.8	80	A22-08702	2022-06-23	2022-09-07
745178	0.31	0.4	0.1	1.8	103	1.7	10.6	1.1	70	A22-08702	2022-06-23	2022-09-07
745179	0.27	0.3	0.1	2.0	79	1.5	8.8	0.8	70	A22-08702	2022-06-23	2022-09-07
745180	0.34	0.5	0.1	2.1	103	1.4	9.4	1.0	80	A22-08702	2022-06-23	2022-09-07
745181	0.28	0.6	0.1	1.7	78	1.5	7.8	0.8	90	A22-08702	2022-06-23	2022-09-07
745182	0.28	0.5	0.1	1.5	77	2.6	7.4	0.8	70	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745183	0.30	0.6	0.1	2.2	93	2.1	8.6	0.9	70	A22-08702	2022-06-23	2022-09-07
745184	0.29	0.3	0.1	1.4	81	1.8	9.0	1.1	60	A22-08702	2022-06-23	2022-09-07
745185	0.34	0.4	0.2	2.4	59	2.1	13.3	1.0	40	A22-08702	2022-06-23	2022-09-07
745186	0.17	0.1	< 0.1	0.5	32	1.2	4.2	0.5	50	A22-08702	2022-06-23	2022-09-07
745187	0.06	< 0.1	< 0.1	0.3	9	1.1	1.8	0.3	30	A22-08702	2022-06-23	2022-09-07
745188	0.26	< 0.1	0.1	0.4	51	1.7	8.2	0.7	80	A22-08702	2022-06-23	2022-09-07
745189	0.12	0.2	< 0.1	0.4	21	1.1	3.7	0.4	50	A22-08702	2022-06-23	2022-09-07
745190	0.19	0.3	< 0.1	0.9	40	1.0	4.8	0.5	60	A22-08702	2022-06-23	2022-09-07
745191	0.17	0.2	< 0.1	0.7	33	1.3	5.0	0.6	70	A22-08702	2022-06-23	2022-09-07
745192	0.19	0.2	< 0.1	0.7	38	1.0	5.1	0.5	50	A22-08702	2022-06-23	2022-09-07
745193	0.20	0.2	< 0.1	1.2	35	3.6	5.4	0.6	50	A22-08702	2022-06-23	2022-09-07
745194	0.16	0.3	< 0.1	2.1	32	1.1	5.7	0.7	40	A22-08702	2022-06-23	2022-09-07
745195	0.28	0.9	0.1	1.4	70	1.4	7.7	0.9	80	A22-08702	2022-06-23	2022-09-07
745196	0.39	0.8	0.3	3.8	127	3.7	16.2	1.6	100	A22-08702	2022-06-23	2022-09-07
745197	0.34	0.5	0.2	3.2	102	1.2	13.6	1.3	70	A22-08702	2022-06-23	2022-09-07
745198	0.34	1.0	0.2	3.2	97	2.0	11.7	1.4	70	A22-08702	2022-06-23	2022-09-07
745199	0.29	0.3	0.1	2.5	43	1.4	8.3	0.6	70	A22-08702	2022-06-23	2022-09-07
745200	0.24	0.3	< 0.1	0.5	32	1.3	6.0	0.6	60	A22-08702	2022-06-23	2022-09-07
745201	0.26	0.1	< 0.1	0.8	43	1.0	5.6	0.5	80	A22-08702	2022-06-23	2022-09-07
745202	0.20	0.2	< 0.1	0.7	40	1.9	4.2	0.5	60	A22-08702	2022-06-23	2022-09-07
745203	0.25	0.4	< 0.1	3.1	38	1.2	5.0	0.3	70	A22-08702	2022-06-23	2022-09-07
745204	0.28	0.5	< 0.1	3.4	43	1.3	6.2	0.6	70	A22-08702	2022-06-23	2022-09-07
745205	0.20	0.2	< 0.1	0.8	35	1.1	5.9	0.6	70	A22-08702	2022-06-23	2022-09-07
745206	0.20	0.2	< 0.1	0.7	31	1.8	6.1	0.5	40	A22-08702	2022-06-23	2022-09-07
745207	0.21	0.2	0.1	0.7	38	0.9	6.2	0.7	60	A22-08702	2022-06-23	2022-09-07
745208	0.16	0.1	< 0.1	0.3	26	0.8	2.5	0.3	50	A22-08702	2022-06-23	2022-09-07
745209	0.21	0.2	< 0.1	0.8	43	1.3	5.8	0.6	60	A22-08702	2022-06-23	2022-09-07
745210	0.19	0.2	< 0.1	1.0	33	1.4	7.1	0.5	50	A22-08702	2022-06-23	2022-09-07
745211	0.22	0.2	< 0.1	1.0	39	1.4	4.5	0.5	50	A22-08702	2022-06-23	2022-09-07
745212	0.08	0.3	< 0.1	1.0	15	0.9	1.8	0.3	30	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - S-MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - S-MS- Na2O2 ppm	Zn_FUS - S-MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745213	0.20	0.3	< 0.1	2.3	36	0.9	5.2	0.4	60	A22-08702	2022-06-23	2022-09-07
745214	0.28	0.5	< 0.1	1.6	84	1.3	8.9	0.7	70	A22-08702	2022-06-23	2022-09-07
745215	0.23	0.4	0.1	1.4	75	80.6	7.9	0.5	70	A22-08702	2022-06-23	2022-09-07
745216	0.36	0.5	0.2	2.1	111	1.8	10.1	1.1	80	A22-08702	2022-06-23	2022-09-07
745217	0.25	0.6	0.1	1.1	74	1.4	6.6	0.7	50	A22-08702	2022-06-23	2022-09-07
745218	0.25	0.5	0.2	3.5	71	1.4	13.4	0.9	70	A22-08702	2022-06-23	2022-09-07
745219	0.27	0.4	0.1	1.1	75	1.1	8.6	0.8	70	A22-08702	2022-06-23	2022-09-07
745220	0.29	0.5	0.1	1.9	90	2.0	8.5	1.1	80	A22-08702	2022-06-23	2022-09-07
745221	0.05	2.4	0.2	3.4	9	1.7	12.5	1.4	40	A22-08702	2022-06-23	2022-09-07
745222	0.31	0.5	0.1	1.9	99	1.3	7.5	0.8	90	A22-08702	2022-06-23	2022-09-07
745223	0.36	0.9	0.1	2.2	106	1.2	9.1	0.9	90	A22-08702	2022-06-23	2022-09-07
745224	0.34	0.4	0.2	1.7	98	3.1	10.4	1.0	120	A22-08702	2022-06-23	2022-09-07
745225	0.31	0.6	0.1	2.2	100	1.3	9.2	0.8	70	A22-08702	2022-06-23	2022-09-07
745226	0.30	0.4	0.1	1.8	98	1.5	10.0	0.9	90	A22-08702	2022-06-23	2022-09-07
745227	0.36	0.6	0.1	2.5	128	2.7	11.8	1.0	80	A22-08702	2022-06-23	2022-09-07
745228	0.32	0.4	0.1	1.6	101	1.1	8.4	0.8	100	A22-08702	2022-06-23	2022-09-07
745229	0.32	0.5	0.1	2.0	105	0.8	8.1	0.9	80	A22-08702	2022-06-23	2022-09-07
745230	0.25	0.4	0.2	2.9	77	1.8	13.5	1.2	80	A22-08702	2022-06-23	2022-09-07
745231	0.26	0.4	0.1	3.1	72	1.2	11.2	0.8	100	A22-08702	2022-06-23	2022-09-07
745232	0.32	1.0	0.1	1.9	102	1.4	8.7	0.8	80	A22-08702	2022-06-23	2022-09-07
745233	0.28	1.1	0.2	1.7	95	2.0	10.5	0.8	70	A22-08702	2022-06-23	2022-09-07
745234	0.33	0.4	0.1	1.9	112	1.0	12.4	1.2	90	A22-08702	2022-06-23	2022-09-07
745235	0.31	0.6	0.1	2.0	101	1.2	10.9	1.0	70	A22-08702	2022-06-23	2022-09-07
745236	0.30	0.6	0.2	3.5	83	1.5	9.9	1.1	70	A22-08702	2022-06-23	2022-09-07
745237	0.26	0.4	0.2	2.8	79	1.3	9.6	1.1	60	A22-08702	2022-06-23	2022-09-07
745238	0.42	0.8	0.3	3.6	156	2.9	18.7	1.6	100	A22-08702	2022-06-23	2022-09-07
745239	0.22	0.7	< 0.1	4.6	43	2.0	7.8	0.5	60	A22-08702	2022-06-23	2022-09-07
745240	0.35	0.5	0.2	2.9	134	1.2	17.0	1.4	70	A22-08702	2022-06-23	2022-09-07
745241	0.15	0.4	< 0.1	2.5	25	2.3	3.6	0.4	50	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745242	0.31	0.7	0.2	3.1	95	2.0	9.7	1.1	80	A22-08702	2022-06-23	2022-09-07
745243	0.15	0.8	0.2	3.8	31	3.2	9.2	1.2	50	A22-08702	2022-06-23	2022-09-07
745244	0.33	0.5	0.2	3.0	103	2.2	12.4	1.2	80	A22-08702	2022-06-23	2022-09-07
745245	0.27	0.7	0.2	2.9	79	1.3	8.5	1.2	80	A22-08702	2022-06-23	2022-09-07
745246	0.40	1.3	0.2	3.0	136	1.9	14.8	1.4	100	A22-08702	2022-06-23	2022-09-07
745247	0.34	0.6	0.2	3.4	111	2.1	12.8	1.6	90	A22-08702	2022-06-23	2022-09-07
745248	0.31	0.5	0.2	2.9	93	2.2	12.5	1.1	80	A22-08702	2022-06-23	2022-09-07
745249	0.58	1.2	0.2	4.3	140	1.6	24.7	1.8	120	A22-08702	2022-06-23	2022-09-07
745250	0.22	0.4	< 0.1	1.7	31	1.7	6.1	0.5	70	A22-08702	2022-06-23	2022-09-07
745251	0.22	0.1	< 0.1	0.4	44	1.1	4.5	0.3	80	A22-08702	2022-06-23	2022-09-07
745252	0.22	0.1	< 0.1	0.6	42	0.9	5.0	0.5	70	A22-08702	2022-06-23	2022-09-07
745253	0.24	0.2	< 0.1	0.5	44	1.0	4.6	0.4	70	A22-08702	2022-06-23	2022-09-07
745254	0.23	0.1	< 0.1	0.6	42	0.9	4.1	0.4	60	A22-08702	2022-06-23	2022-09-07
745255	0.23	0.1	< 0.1	0.4	40	2.9	3.8	0.4	60	A22-08702	2022-06-23	2022-09-07
745256	0.24	0.2	< 0.1	0.6	46	0.9	5.7	0.6	80	A22-08702	2022-06-23	2022-09-07
745257	0.24	0.3	< 0.1	0.7	49	0.9	4.0	0.4	70	A22-08702	2022-06-23	2022-09-07
745258	0.19	0.1	< 0.1	0.4	32	1.0	3.7	0.4	60	A22-08702	2022-06-23	2022-09-07
745259	0.27	< 0.1	< 0.1	0.5	53	0.9	4.9	0.5	80	A22-08702	2022-06-23	2022-09-07
745260	0.20	0.1	< 0.1	0.6	39	2.4	4.5	0.4	60	A22-08702	2022-06-23	2022-09-07
745261	0.24	0.2	0.4	1.0	45	< 0.7	27.9	2.4	70	A22-08702	2022-06-23	2022-09-07
745262	0.26	0.2	< 0.1	0.8	70	1.3	5.3	0.3	80	A22-08702	2022-06-23	2022-09-07
745263	0.22	0.2	< 0.1	0.7	37	0.9	5.5	0.6	60	A22-08702	2022-06-23	2022-09-07
745264	0.22	0.2	< 0.1	0.6	41	3.3	4.2	0.4	60	A22-08702	2022-06-23	2022-09-07
745265	0.17	0.3	< 0.1	2.1	34	1.2	4.3	0.5	70	A22-08702	2022-06-23	2022-09-07
745266	0.17	0.5	< 0.1	1.5	34	0.9	2.6	0.2	60	A22-08702	2022-06-23	2022-09-07
745267	0.53	< 0.1	0.6	0.3	262	0.8	32.3	3.4	90	A22-08702	2022-06-23	2022-09-07
745268	0.06	0.3	< 0.1	1.7	11	1.4	5.0	0.4	30	A22-08702	2022-06-23	2022-09-07
745269	0.27	0.8	0.1	1.6	78	1.3	9.1	1.1	70	A22-08702	2022-06-23	2022-09-07
745270	0.32	7.6	0.2	4.8	96	1.6	12.0	1.3	110	A22-08702	2022-06-23	2022-09-07
745271	0.44	0.5	0.1	2.7	100	1.1	10.7	0.7	100	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745272	0.32	0.9	0.2	2.7	103	4.0	8.4	1.1	90	A22-08702	2022-06-23	2022-09-07
745273	0.29	0.5	< 0.1	2.2	49	1.7	6.9	0.4	90	A22-08702	2022-06-23	2022-09-07
745274	0.25	0.5	0.1	2.2	72	1.3	8.1	0.8	70	A22-08702	2022-06-23	2022-09-07
745275	0.25	0.2	0.1	1.2	48	1.2	8.9	0.6	70	A22-08702	2022-06-23	2022-09-07
745276	0.14	0.5	< 0.1	1.7	24	1.3	3.3	0.3	70	A22-08702	2022-06-23	2022-09-07
745277	0.19	0.2	< 0.1	0.3	36	< 0.7	4.7	0.4	60	A22-08702	2022-06-23	2022-09-07
745278	0.21	0.2	< 0.1	0.7	41	0.9	5.6	0.5	90	A22-08702	2022-06-23	2022-09-07
745279	0.27	0.2	< 0.1	0.5	52	1.2	5.2	0.4	50	A22-08702	2022-06-23	2022-09-07
745280	0.20	0.2	< 0.1	0.9	37	2.7	2.0	0.3	60	A22-08702	2022-06-23	2022-09-07
745281	0.25	0.2	< 0.1	0.9	40	1.1	5.3	0.5	60	A22-08702	2022-06-23	2022-09-07
745282	0.23	0.5	< 0.1	1.6	38	0.9	5.5	0.5	70	A22-08702	2022-06-23	2022-09-07
745283	0.30	0.1	0.1	0.6	50	0.8	11.5	1.0	80	A22-08702	2022-06-23	2022-09-07
745284	0.20	0.1	< 0.1	0.4	37	0.9	5.3	0.5	60	A22-08702	2022-06-23	2022-09-07
745285	0.22	0.4	< 0.1	1.3	39	1.7	5.6	0.5	80	A22-08702	2022-06-23	2022-09-07
745286	0.19	0.5	< 0.1	4.3	34	1.2	4.4	0.4	70	A22-08702	2022-06-23	2022-09-07
745287	0.34	0.2	0.2	1.1	57	< 0.7	12.2	1.1	90	A22-08702	2022-06-23	2022-09-07
745288	0.20	0.2	0.1	1.1	39	< 0.7	6.8	0.6	80	A22-08702	2022-06-23	2022-09-07
745289	0.17	0.3	< 0.1	1.5	29	1.2	5.9	0.6	60	A22-08702	2022-06-23	2022-09-07
745290	< 0.01	3.0	< 0.1	5.2	< 5	3.8	6.3	0.4	40	A22-08702	2022-06-23	2022-09-07
745291	0.32	0.6	0.2	2.6	107	1.5	14.1	1.5	90	A22-08702	2022-06-23	2022-09-07
745292	0.25	0.3	< 0.1	0.7	46	0.8	7.9	0.7	80	A22-08702	2022-06-23	2022-09-07
745293	0.24	3.6	0.3	6.2	60	2.1	15.2	1.8	80	A22-08702	2022-06-23	2022-09-07
745294	0.35	1.9	0.2	3.8	105	2.0	10.0	1.0	90	A22-08702	2022-06-23	2022-09-07
745295	0.22	0.2	< 0.1	1.3	38	1.0	5.5	0.4	70	A22-08702	2022-06-23	2022-09-07
745296	0.21	0.4	< 0.1	2.0	35	0.9	4.1	0.3	50	A22-08702	2022-06-23	2022-09-07
745297	0.22	0.2	< 0.1	0.7	46	0.8	5.9	0.5	70	A22-08702	2022-06-23	2022-09-07
745298	0.21	0.2	< 0.1	0.9	42	< 0.7	4.9	0.3	80	A22-08702	2022-06-23	2022-09-07
745299	0.08	0.9	< 0.1	1.7	10	1.0	2.2	0.2	80	A22-08702	2022-06-23	2022-09-07
745300	0.38	0.5	< 0.1	2.9	63	0.7	10.0	0.6	90	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745301	0.31	0.6	0.2	3.1	96	2.9	13.6	1.2	90	A22-08702	2022-06-23	2022-09-07
745302	0.21	0.3	0.1	1.8	68	2.1	9.8	0.9	100	A22-08702	2022-06-23	2022-09-07
745303	0.26	0.3	0.2	1.7	83	1.4	10.7	0.9	60	A22-08702	2022-06-23	2022-09-07
745304	0.34	0.5	0.1	2.2	114	1.6	10.6	1.0	80	A22-08702	2022-06-23	2022-09-07
745305	0.30	0.5	0.1	2.0	103	9.0	8.6	0.9	80	A22-08702	2022-06-23	2022-09-07
745306	0.28	0.3	0.1	2.4	85	4.7	9.6	0.8	100	A22-08702	2022-06-23	2022-09-07
745307	0.27	0.5	0.1	2.4	92	1.4	7.1	0.9	90	A22-08702	2022-06-23	2022-09-07
745308	0.32	0.7	0.1	1.8	115	1.4	7.6	1.0	90	A22-08702	2022-06-23	2022-09-07
745309	0.32	0.4	0.1	1.3	80	0.9	10.6	1.0	80	A22-08702	2022-06-23	2022-09-07
745310	0.36	0.7	0.2	2.7	127	2.1	12.1	1.0	90	A22-08702	2022-06-23	2022-09-07
745311	0.28	0.7	0.1	2.5	83	2.0	8.0	1.0	70	A22-08702	2022-06-23	2022-09-07
745312	0.30	0.9	0.1	1.5	91	2.4	7.0	0.8	70	A22-08702	2022-06-23	2022-09-07
745313	0.25	0.5	0.1	1.7	84	1.1	10.0	1.0	70	A22-08702	2022-06-23	2022-09-07
745314	0.27	0.5	0.1	1.6	85	1.0	9.0	1.0	80	A22-08702	2022-06-23	2022-09-07
745315	0.35	0.5	0.2	2.3	128	2.0	13.1	1.2	90	A22-08702	2022-06-23	2022-09-07
745316	0.30	0.4	0.2	2.0	97	1.7	10.8	0.8	70	A22-08702	2022-06-23	2022-09-07
745317	0.36	0.6	0.2	2.0	113	1.4	9.5	0.9	80	A22-08702	2022-06-23	2022-09-07
745318	0.30	0.2	0.1	2.0	86	1.6	10.0	0.9	70	A22-08702	2022-06-23	2022-09-07
745319	0.24	0.6	0.1	3.3	68	1.9	10.5	0.8	80	A22-08702	2022-06-23	2022-09-07
745320	0.26	0.4	0.1	1.3	75	1.1	8.0	0.7	80	A22-08702	2022-06-23	2022-09-07
745321	0.29	0.3	0.2	1.6	77	1.1	7.3	0.8	80	A22-08702	2022-06-23	2022-09-07
745322	0.30	0.6	0.1	1.6	87	1.1	8.4	0.8	80	A22-08702	2022-06-23	2022-09-07
745323	0.29	3.4	< 0.1	2.0	79	1.4	8.6	0.6	100	A22-08702	2022-06-23	2022-09-07
745324	0.27	0.4	0.1	1.4	71	< 0.7	7.7	0.8	70	A22-08702	2022-06-23	2022-09-07
745325	0.28	0.7	0.1	1.8	84	7.3	6.2	0.8	100	A22-08702	2022-06-23	2022-09-07
745326	0.34	0.8	0.2	2.1	111	1.7	12.8	1.4	110	A22-08702	2022-06-23	2022-09-07
745327	0.36	0.6	0.2	2.0	104	1.3	12.7	1.1	80	A22-08702	2022-06-23	2022-09-07
745328	0.31	0.5	0.2	2.1	96	1.0	12.1	1.0	90	A22-08702	2022-06-23	2022-09-07
745329	0.24	0.6	0.1	2.9	68	1.5	8.3	1.0	60	A22-08702	2022-06-23	2022-09-07
745330	0.29	0.6	0.1	1.9	87	1.2	7.5	0.9	70	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745331	0.30	1.5	0.1	2.1	90	1.2	9.2	0.9	90	A22-08702	2022-06-23	2022-09-07
745332	0.30	0.4	0.1	2.1	95	1.3	8.6	0.9	70	A22-08702	2022-06-23	2022-09-07
745333	0.17	0.5	< 0.1	1.2	41	1.9	4.9	0.7	60	A22-08702	2022-06-23	2022-09-07
745334	0.26	0.5	< 0.1	1.2	65	1.1	5.9	0.6	50	A22-08702	2022-06-23	2022-09-07
745335	0.26	0.2	0.1	0.6	52	1.0	7.7	0.6	90	A22-08702	2022-06-23	2022-09-07
745336	0.18	< 0.1	0.1	0.8	35	1.9	7.4	0.5	30	A22-08702	2022-06-23	2022-09-07
745337	0.16	0.3	< 0.1	1.2	27	0.8	3.0	0.4	60	A22-08702	2022-06-23	2022-09-07
745338	0.25	0.2	< 0.1	0.9	54	1.1	7.1	0.6	70	A22-08702	2022-06-23	2022-09-07
745339	0.26	0.2	0.1	0.6	43	< 0.7	8.1	0.7	80	A22-08702	2022-06-23	2022-09-07
745340	0.19	0.4	< 0.1	2.5	32	1.2	4.1	0.6	60	A22-08702	2022-06-23	2022-09-07
745341	0.22	< 0.1	< 0.1	0.9	40	2.6	6.5	0.5	80	A22-08702	2022-06-23	2022-09-07
745342	0.27	0.2	0.1	1.0	50	0.9	7.6	0.6	80	A22-08702	2022-06-23	2022-09-07
745343	0.20	0.2	< 0.1	0.4	41	1.5	4.4	0.4	70	A22-08702	2022-06-23	2022-09-07
745344	0.20	0.2	< 0.1	0.7	36	2.6	3.4	0.4	60	A22-08702	2022-06-23	2022-09-07
745345	0.24	0.2	< 0.1	0.8	41	0.7	4.4	0.3	70	A22-08702	2022-06-23	2022-09-07
745346	0.19	0.1	< 0.1	0.5	33	1.3	3.7	0.4	60	A22-08702	2022-06-23	2022-09-07
745347	0.08	0.9	< 0.1	1.6	9	1.0	2.6	0.2	50	A22-08702	2022-06-23	2022-09-07
745348	0.19	0.5	< 0.1	2.2	35	1.0	4.5	0.5	100	A22-08702	2022-06-23	2022-09-07
745349	0.15	0.3	< 0.1	0.9	29	1.7	3.9	0.4	70	A22-08702	2022-06-23	2022-09-07
745350	0.17	0.2	< 0.1	0.7	30	1.0	3.6	0.3	60	A22-08702	2022-06-23	2022-09-07
745351	0.19	0.2	< 0.1	0.6	36	1.0	7.1	0.6	70	A22-08702	2022-06-23	2022-09-07
745352	0.20	0.1	0.1	0.5	42	1.0	9.6	0.9	80	A22-08702	2022-06-23	2022-09-07
745353	0.10	0.6	0.2	1.0	25	3.1	14.3	1.0	60	A22-08702	2022-06-23	2022-09-07
745354	0.16	0.1	< 0.1	0.4	35	2.3	6.2	0.5	60	A22-08702	2022-06-23	2022-09-07
745355	0.13	0.2	< 0.1	0.8	25	1.6	4.6	0.5	60	A22-08702	2022-06-23	2022-09-07
745356	0.20	0.2	< 0.1	0.9	38	0.9	6.7	0.5	70	A22-08702	2022-06-23	2022-09-07
745357	0.29	0.5	0.2	2.8	96	1.8	10.5	1.3	60	A22-08702	2022-06-23	2022-09-07
745358	0.42	0.9	0.2	3.3	172	6.6	14.0	1.9	110	A22-08702	2022-06-23	2022-09-07
745359	0.31	0.8	0.2	3.3	91	1.6	10.7	1.3	80	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - S-MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - S-MS- Na2O2 ppm	Zn_FUS - S-MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745360	0.32	0.7	0.3	3.8	103	2.7	11.4	1.4	80	A22-08702	2022-06-23	2022-09-07
745361	0.26	0.9	0.2	4.2	78	2.3	12.0	1.1	80	A22-08702	2022-06-23	2022-09-07
745362	0.32	0.7	0.1	3.5	86	1.4	10.4	1.1	70	A22-08702	2022-06-23	2022-09-07
745363	0.15	0.8	< 0.1	4.8	25	1.0	6.6	0.5	50	A22-08702	2022-06-23	2022-09-07
745364	0.24	0.3	< 0.1	0.8	43	1.0	7.9	0.6	90	A22-08702	2022-06-23	2022-09-07
745365	0.34	0.7	0.3	3.2	111	1.9	15.5	1.6	70	A22-08702	2022-06-23	2022-09-07
745366	0.45	1.1	0.3	2.3	139	1.3	18.2	1.5	120	A22-08702	2022-06-23	2022-09-07
745367	0.24	0.4	0.2	3.6	68	2.6	8.8	0.9	100	A22-08702	2022-06-23	2022-09-07
745368	0.32	2.1	0.2	2.8	152	2.4	10.1	1.2	90	A22-08702	2022-06-23	2022-09-07
745369	0.49	0.7	0.4	1.6	222	2.1	22.6	1.9	120	A22-08702	2022-06-23	2022-09-07
745370	0.22	0.8	< 0.1	11.6	38	2.6	6.4	0.5	60	A22-08702	2022-06-23	2022-09-07
745371	0.31	0.6	0.2	3.9	92	2.9	11.6	1.1	90	A22-08702	2022-06-23	2022-09-07
745372	0.22	0.3	0.1	3.3	43	1.7	7.3	0.6	60	A22-08702	2022-06-23	2022-09-07
745373	0.20	0.2	< 0.1	0.5	39	1.7	6.2	0.6	80	A22-08702	2022-06-23	2022-09-07
745374	0.20	0.2	< 0.1	0.7	37	1.7	7.0	0.6	70	A22-08702	2022-06-23	2022-09-07
745375	0.13	0.4	< 0.1	4.7	22	1.5	3.7	0.4	50	A22-08702	2022-06-23	2022-09-07
745376	0.17	0.2	0.1	0.6	28	1.5	8.6	0.7	60	A22-08702	2022-06-23	2022-09-07
745377	0.28	0.6	0.1	3.8	63	1.6	10.2	0.9	70	A22-08702	2022-06-23	2022-09-07
745378	0.34	0.6	0.2	3.4	104	2.5	12.4	1.4	80	A22-08702	2022-06-23	2022-09-07
745379	0.37	0.5	0.2	2.5	142	3.0	10.7	1.0	90	A22-08702	2022-06-23	2022-09-07
745380	0.33	0.4	0.1	2.0	83	1.6	7.9	0.9	70	A22-08702	2022-06-23	2022-09-07
745381	0.23	1.1	0.1	0.6	47	1.4	4.1	0.6	50	A22-08702	2022-06-23	2022-09-07
745382	0.33	< 0.1	0.2	0.2	246	1.4	14.8	1.4	80	A22-08702	2022-06-23	2022-09-07
745383	0.08	0.6	< 0.1	4.4	15	1.3	4.6	0.5	60	A22-08702	2022-06-23	2022-09-07
745384	0.19	0.2	< 0.1	0.6	36	1.1	4.5	0.5	70	A22-08702	2022-06-23	2022-09-07
745385	0.18	0.2	< 0.1	0.5	33	1.5	5.2	0.5	70	A22-08702	2022-06-23	2022-09-07
745386	0.14	0.3	< 0.1	0.8	27	4.7	4.1	0.5	60	A22-08702	2022-06-23	2022-09-07
745387	0.09	0.7	1.1	1.8	19	1.5	42.5	7.2	60	A22-08702	2022-06-23	2022-09-07
745388	0.31	0.4	0.2	3.5	96	1.9	12.3	1.5	80	A22-08702	2022-06-23	2022-09-07
745389	0.14	0.7	0.2	4.2	27	3.4	8.7	1.1	50	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745390	0.33	0.8	0.2	3.5	101	2.5	11.9	1.2	90	A22-08702	2022-06-23	2022-09-07
745391	0.35	0.5	0.2	3.0	120	2.3	14.7	1.5	90	A22-08702	2022-06-23	2022-09-07
745392	0.36	0.7	0.2	2.9	124	2.3	13.7	1.4	80	A22-08702	2022-06-23	2022-09-07
745393	0.31	0.5	0.2	2.7	90	1.7	9.2	1.2	90	A22-08702	2022-06-23	2022-09-07
745394	0.30	0.5	0.2	1.7	79	1.7	11.1	0.9	100	A22-08702	2022-06-23	2022-09-07
745395	0.37	0.5	0.2	2.3	123	1.9	13.4	1.2	90	A22-08702	2022-06-23	2022-09-07
745396	0.26	0.5	0.1	1.5	76	1.5	7.3	0.7	70	A22-08702	2022-06-23	2022-09-07
745397	0.28	0.5	0.2	1.3	96	2.2	10.9	1.0	80	A22-08702	2022-06-23	2022-09-07
745398	0.28	0.3	0.1	1.4	74	1.8	7.7	0.7	80	A22-08702	2022-06-23	2022-09-07
745399	0.29	0.4	0.1	1.9	93	1.4	9.8	0.8	80	A22-08702	2022-06-23	2022-09-07
745400	0.29	0.7	0.1	2.2	95	1.9	8.6	0.8	80	A22-08702	2022-06-23	2022-09-07
745401	0.37	0.7	0.2	3.5	104	3.0	12.3	1.1	100	A22-08702	2022-06-23	2022-09-07
745402	0.24	0.6	< 0.1	2.8	31	4.0	6.1	0.4	70	A22-08702	2022-06-23	2022-09-07
745403	0.33	0.6	0.1	2.9	76	1.7	11.2	0.9	80	A22-08702	2022-06-23	2022-09-07
745404	0.33	0.6	0.2	3.5	91	1.4	11.9	1.2	80	A22-08702	2022-06-23	2022-09-07
745405	0.23	0.4	0.1	2.7	62	1.7	7.4	0.8	70	A22-08702	2022-06-23	2022-09-07
745406	0.18	0.2	< 0.1	0.6	34	2.5	5.8	0.5	50	A22-08702	2022-06-23	2022-09-07
745407	1.31	< 0.1	0.7	0.3	415	1.2	42.9	4.6	150	A22-08702	2022-06-23	2022-09-07
745408	0.18	0.2	< 0.1	0.6	31	1.1	5.7	0.4	70	A22-08702	2022-06-23	2022-09-07
745409	0.33	< 0.1	0.2	0.7	67	1.2	10.0	0.8	80	A22-08702	2022-06-23	2022-09-07
745410	0.29	0.5	0.2	1.7	83	1.3	10.8	1.1	80	A22-08702	2022-06-23	2022-09-07
745411	0.34	0.7	0.2	1.8	110	2.8	6.7	1.1	80	A22-08702	2022-06-23	2022-09-07
745412	0.25	0.4	0.1	1.6	67	2.2	9.0	0.9	90	A22-08702	2022-06-23	2022-09-07
745413	0.29	0.5	0.1	1.7	89	1.2	8.9	0.9	70	A22-08702	2022-06-23	2022-09-07
745414	0.31	0.4	0.2	2.0	95	1.6	8.1	0.9	90	A22-08702	2022-06-23	2022-09-07
745415	0.36	0.5	0.2	1.4	119	1.7	12.9	1.0	100	A22-08702	2022-06-23	2022-09-07
745416	0.29	0.5	< 0.1	1.7	92	1.3	8.8	0.9	70	A22-08702	2022-06-23	2022-09-07
745417	0.24	0.3	0.2	3.6	68	1.4	14.9	1.0	100	A22-08702	2022-06-23	2022-09-07
745418	0.30	0.5	0.2	1.6	99	1.4	8.5	0.7	90	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745419	0.43	0.9	0.2	2.9	164	2.4	18.1	1.4	110	A22-08702	2022-06-23	2022-09-07
745420	0.29	0.5	0.2	2.7	86	1.7	12.5	1.2	90	A22-08702	2022-06-23	2022-09-07
745421	0.30	0.4	0.1	1.7	93	1.7	10.4	1.0	100	A22-08702	2022-06-23	2022-09-07
745422	0.35	0.7	0.2	3.4	124	2.4	11.2	1.2	90	A22-08702	2022-06-23	2022-09-07
745423	0.22	0.9	0.2	4.6	46	3.6	12.1	1.0	50	A22-08702	2022-06-23	2022-09-07
745424	0.46	< 0.1	0.3	0.4	280	1.9	15.9	1.6	170	A22-08702	2022-06-23	2022-09-07
745425	1.60	0.1	0.6	0.2	570	1.0	36.2	3.8	150	A22-08702	2022-06-23	2022-09-07
745426	1.20	< 0.1	0.7	0.3	449	1.6	43.1	4.1	180	A22-08702	2022-06-23	2022-09-07
745427	0.39	0.5	0.3	3.5	126	1.5	16.8	1.8	70	A22-08702	2022-06-23	2022-09-07
745428	0.41	0.6	0.2	3.5	145	3.4	14.2	1.6	100	A22-08702	2022-06-23	2022-09-07
745429	0.29	0.5	0.2	3.8	82	1.5	10.5	1.3	70	A22-08702	2022-06-23	2022-09-07
745430	0.26	0.5	0.2	3.3	73	3.8	11.2	1.3	70	A22-08702	2022-06-23	2022-09-07
745431	0.20	0.4	< 0.1	1.5	36	1.7	8.6	1.0	70	A22-08702	2022-06-23	2022-09-07
745432	0.19	0.2	< 0.1	0.4	41	2.3	4.0	0.3	60	A22-08702	2022-06-23	2022-09-07
745433	0.33	0.9	0.2	2.9	104	2.7	13.1	1.3	80	A22-08702	2022-06-23	2022-09-07
745434	0.22	0.7	< 0.1	3.4	36	1.8	6.2	0.4	80	A22-08702	2022-06-23	2022-09-07
745435	0.34	0.6	0.2	2.8	109	4.3	10.9	1.1	80	A22-08702	2022-06-23	2022-09-07
745436	0.32	0.6	0.1	2.5	87	2.0	7.8	1.0	70	A22-08702	2022-06-23	2022-09-07
745437	0.30	0.6	0.2	3.4	87	2.2	12.7	1.4	70	A22-08702	2022-06-23	2022-09-07
745438	0.35	1.2	0.2	3.0	101	2.1	14.8	1.5	80	A22-08702	2022-06-23	2022-09-07
745439	0.26	0.5	0.2	2.4	51	1.3	9.2	0.7	80	A22-08702	2022-06-23	2022-09-07
745440	0.36	0.7	0.2	3.0	107	2.2	9.1	1.2	80	A22-08702	2022-06-23	2022-09-07
745441	0.29	0.5	0.2	2.8	71	1.9	9.6	1.2	70	A22-08702	2022-06-23	2022-09-07
745442	0.43	0.5	0.3	1.7	190	1.5	20.1	1.7	90	A22-08702	2022-06-23	2022-09-07
745443	0.20	0.7	< 0.1	2.8	44	3.2	6.0	0.8	50	A22-08702	2022-06-23	2022-09-07
745444	0.41	0.6	0.2	2.6	138	3.1	12.7	1.3	80	A22-08702	2022-06-23	2022-09-07
745445	0.33	0.7	0.2	1.8	103	1.9	8.3	0.7	80	A22-08702	2022-06-23	2022-09-07
745446	0.33	0.4	0.2	2.1	110	1.2	11.0	1.1	80	A22-08702	2022-06-23	2022-09-07
745447	0.26	1.1	0.1	1.4	69	1.8	8.4	0.7	50	A22-08702	2022-06-23	2022-09-07
745448	0.31	0.5	0.1	1.5	98	1.5	10.7	0.9	60	A22-	2022-	2022-

Analyte Symbol	Ti_FUS-MS-Na2O2 %	Tl_FUS-MS-Na2O2 ppm	Tm_FUS-MS-Na2O2 ppm	U_FUS-MS-Na2O2 ppm	V_FUS-MS-Na2O2 ppm	W_FUS-MS-Na2O2 ppm	Y_FUS-MS-Na2O2 ppm	Yb_FUS-MS-Na2O2 ppm	Zn_FUS-MS-Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745449	0.23	0.3	0.1	1.4	66	1.7	6.8	0.8	50	A22-08702	2022-06-23	2022-09-07
745450	0.34	0.5	0.2	2.3	97	8.5	10.5	0.8	80	A22-08702	2022-06-23	2022-09-07
745451	0.32	4.1	0.2	2.6	75	1.5	11.9	1.2	110	A22-08702	2022-06-23	2022-09-07
745452	0.31	1.1	0.2	2.7	88	1.7	12.3	1.1	80	A22-08702	2022-06-23	2022-09-07
745453	0.96	< 0.1	1.0	0.6	159	1.3	65.3	6.0	140	A22-08702	2022-06-23	2022-09-07
745454	0.30	0.9	0.2	3.5	84	1.3	12.8	1.3	80	A22-08702	2022-06-23	2022-09-07
745455	0.39	0.3	0.3	15.9	145	6.5	17.5	1.5	70	A22-08702	2022-06-23	2022-09-07
745456	0.33	0.7	0.1	2.1	98	2.3	9.7	1.3	80	A22-08702	2022-06-23	2022-09-07
745457	0.30	0.4	0.1	1.8	86	1.5	9.7	0.8	70	A22-08702	2022-06-23	2022-09-07
745458	0.28	0.5	0.1	2.6	77	1.3	12.1	1.0	70	A22-08702	2022-06-23	2022-09-07
745459	0.25	0.8	0.1	1.4	71	1.8	7.8	1.0	60	A22-08702	2022-06-23	2022-09-07
745460	0.30	0.5	0.2	1.5	88	1.6	10.5	1.0	70	A22-08702	2022-06-23	2022-09-07
745461	0.31	0.9	0.2	2.1	89	1.5	10.0	1.0	70	A22-08702	2022-06-23	2022-09-07
745462	0.29	0.4	0.1	1.7	83	1.1	7.7	1.0	80	A22-08702	2022-06-23	2022-09-07
745463	0.28	0.5	0.1	1.8	74	1.7	9.2	1.0	50	A22-08702	2022-06-23	2022-09-07
745464	0.22	0.6	0.1	1.1	58	8.7	6.1	0.6	60	A22-08702	2022-06-23	2022-09-07
745465	0.20	0.6	< 0.1	1.1	43	1.5	5.9	0.5	60	A22-08702	2022-06-23	2022-09-07
745466	0.33	0.4	0.2	2.0	103	1.6	8.9	1.0	70	A22-08702	2022-06-23	2022-09-07
745467	0.62	0.6	0.3	1.6	226	1.3	24.7	1.7	120	A22-08702	2022-06-23	2022-09-07
745468	0.38	0.8	0.2	2.9	113	1.6	16.3	1.4	90	A22-08702	2022-06-23	2022-09-07
745469	0.28	0.5	0.1	1.8	73	1.5	6.8	0.7	70	A22-08702	2022-06-23	2022-09-07
745470	0.30	0.4	0.1	1.8	82	1.4	6.4	0.7	80	A22-08702	2022-06-23	2022-09-07
745471	0.30	0.4	0.1	2.1	86	1.1	10.4	0.9	80	A22-08702	2022-06-23	2022-09-07
745472	0.35	0.6	0.2	4.1	102	1.2	11.5	1.5	90	A22-08702	2022-06-23	2022-09-07
745473	0.38	0.4	< 0.1	2.1	65	1.3	9.5	0.6	80	A22-08702	2022-06-23	2022-09-07
745474	0.30	0.7	0.2	4.1	88	2.5	12.2	1.4	80	A22-08702	2022-06-23	2022-09-07
745475	0.18	0.4	< 0.1	0.9	42	1.4	4.5	0.4	60	A22-08702	2022-06-23	2022-09-07
745476	0.24	0.2	0.1	1.0	64	2.0	7.9	0.7	60	A22-08702	2022-06-23	2022-09-07
745477	0.35	1.7	0.2	2.2	97	2.2	9.8	1.2	60	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745478	0.31	0.5	0.2	1.7	92	1.4	9.5	0.7	70	A22-08702	2022-06-23	2022-09-07
745479	0.32	0.5	0.2	2.0	101	1.2	9.3	1.0	70	A22-08702	2022-06-23	2022-09-07
745480	0.29	0.4	0.1	2.1	82	1.7	9.6	0.9	60	A22-08702	2022-06-23	2022-09-07
745481	0.31	0.5	0.1	1.8	101	1.9	10.9	1.0	90	A22-08702	2022-06-23	2022-09-07
745482	0.31	0.6	0.2	1.8	88	1.2	11.8	1.1	100	A22-08702	2022-06-23	2022-09-07
745483	0.28	0.6	0.1	2.0	64	1.2	7.5	0.7	80	A22-08702	2022-06-23	2022-09-07
745484	0.34	0.6	0.2	1.5	100	2.6	10.3	1.1	90	A22-08702	2022-06-23	2022-09-07
745485	0.47	0.9	0.4	3.1	57	2.0	28.7	2.7	140	A22-08702	2022-06-23	2022-09-07
745486	0.30	0.5	0.1	3.5	58	1.9	9.5	0.6	70	A22-08702	2022-06-23	2022-09-07
745487	0.19	0.4	0.1	4.9	26	3.2	8.1	0.6	50	A22-08702	2022-06-23	2022-09-07
745488	0.37	0.6	0.2	2.6	114	3.0	10.3	1.2	80	A22-08702	2022-06-23	2022-09-07
745489	0.18	2.5	< 0.1	4.2	30	1.7	7.1	0.6	60	A22-08702	2022-06-23	2022-09-07
745490	0.27	0.5	0.1	1.1	80	1.2	6.8	0.8	70	A22-08702	2022-06-23	2022-09-07
745491	0.27	0.6	0.2	2.6	83	5.2	8.9	0.8	80	A22-08702	2022-06-23	2022-09-07
745492	0.29	0.6	0.2	1.9	84	1.4	9.4	0.9	80	A22-08702	2022-06-23	2022-09-07
745493	0.32	0.4	0.2	2.4	97	1.7	10.1	1.0	70	A22-08702	2022-06-23	2022-09-07
745494	0.31	0.2	0.1	1.9	90	3.2	10.2	1.1	90	A22-08702	2022-06-23	2022-09-07
745495	0.32	0.7	0.2	2.0	93	1.4	10.6	0.9	80	A22-08702	2022-06-23	2022-09-07
745496	0.34	0.6	0.2	2.6	105	1.7	10.5	0.9	120	A22-08702	2022-06-23	2022-09-07
745497	0.38	0.7	0.2	1.8	89	6.2	9.7	1.0	120	A22-08702	2022-06-23	2022-09-07
745498	0.30	0.4	0.2	1.5	91	1.8	10.7	1.0	60	A22-08702	2022-06-23	2022-09-07
745499	0.31	1.1	0.1	1.8	88	2.3	13.2	1.2	80	A22-08702	2022-06-23	2022-09-07
745500	0.35	0.7	0.2	1.7	106	1.1	11.3	1.2	90	A22-08702	2022-06-23	2022-09-07
745501	0.40	0.2	0.2	0.5	147	4.2	14.1	1.5	100	A22-08702	2022-06-23	2022-09-07
745502	0.32	0.4	0.2	3.3	87	3.4	12.2	1.3	90	A22-08702	2022-06-23	2022-09-07
745503	0.54	0.4	0.3	3.5	91	1.2	19.8	1.3	100	A22-08702	2022-06-23	2022-09-07
745504	0.34	0.5	0.1	2.5	111	1.8	11.2	1.1	80	A22-08702	2022-06-23	2022-09-07
745505	0.06	< 0.1	< 0.1	0.6	27	1.5	4.9	0.5	40	A22-08702	2022-06-23	2022-09-07
745506	0.29	0.9	0.1	2.1	87	1.3	8.8	0.9	80	A22-08702	2022-06-23	2022-09-07
745507	0.33	0.5	0.2	2.4	95	1.4	11.6	1.1	80	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS-MS- Na2O2 ppm	V_FUS-MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS-MS- Na2O2 ppm	Yb_FUS-MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745508	0.33	0.5	0.1	2.6	101	2.3	10.6	1.0	100	A22-08702	2022-06-23	2022-09-07
745509	0.26	0.2	0.1	0.8	66	5.5	9.5	0.9	60	A22-08702	2022-06-23	2022-09-07
745510	0.29	0.3	0.1	0.8	78	1.2	8.1	0.6	80	A22-08702	2022-06-23	2022-09-07
745511	0.28	0.6	0.1	2.0	80	4.3	6.0	0.6	40	A22-08702	2022-06-23	2022-09-07
745512	0.26	1.0	0.1	1.3	83	1.4	6.1	0.9	70	A22-08702	2022-06-23	2022-09-07
745513	0.30	0.4	< 0.1	1.0	86	4.1	6.7	0.6	70	A22-08702	2022-06-23	2022-09-07
745514	0.32	0.5	0.2	1.6	96	0.9	10.8	0.8	90	A22-08702	2022-06-23	2022-09-07
745515	0.36	0.8	0.2	1.9	142	0.9	14.1	1.1	120	A22-08702	2022-06-23	2022-09-07
745516	0.29	0.6	0.2	1.6	79	1.6	10.5	0.8	90	A22-08702	2022-06-23	2022-09-07
745517	0.37	0.4	0.1	2.1	111	1.9	10.7	1.0	100	A22-08702	2022-06-23	2022-09-07
745518	0.30	0.4	0.2	1.6	101	1.0	10.0	0.9	70	A22-08702	2022-06-23	2022-09-07
745519	0.35	0.4	0.2	1.6	122	4.1	12.6	1.2	90	A22-08702	2022-06-23	2022-09-07
745520	0.27	0.3	0.1	1.2	95	0.8	8.9	1.0	70	A22-08702	2022-06-23	2022-09-07
745521	0.33	0.6	0.2	1.6	99	0.8	11.1	1.4	80	A22-08702	2022-06-23	2022-09-07
745522	0.33	0.3	0.2	1.5	107	1.1	12.0	1.0	80	A22-08702	2022-06-23	2022-09-07
745523	0.27	0.3	0.1	1.8	72	1.2	7.8	0.7	100	A22-08702	2022-06-23	2022-09-07
745524	0.64	0.4	0.4	2.0	164	1.1	23.9	2.1	100	A22-08702	2022-06-23	2022-09-07
745525	0.21	0.2	< 0.1	0.8	60	1.1	7.0	0.5	70	A22-08702	2022-06-23	2022-09-07
745526	0.26	0.2	< 0.1	0.9	78	2.1	6.6	0.5	90	A22-08702	2022-06-23	2022-09-07
745527	0.28	0.3	0.1	0.9	68	0.8	6.3	0.6	60	A22-08702	2022-06-23	2022-09-07
745528	0.53	0.8	0.4	1.4	212	2.9	21.6	2.2	100	A22-08702	2022-06-23	2022-09-07
745529	0.19	0.5	< 0.1	0.9	39	1.9	5.8	0.6	80	A22-08702	2022-06-23	2022-09-07
745530	0.28	0.4	0.2	1.8	82	1.1	10.6	1.0	80	A22-08702	2022-06-23	2022-09-07
745531	0.32	0.6	0.2	2.1	104	1.5	10.6	0.9	100	A22-08702	2022-06-23	2022-09-07
745532	0.30	0.4	0.2	2.6	88	0.9	11.5	1.0	90	A22-08702	2022-06-23	2022-09-07
745533	0.11	0.2	0.1	0.8	44	0.8	6.7	0.7	60	A22-08702	2022-06-23	2022-09-07
745534	0.34	0.5	0.2	1.9	108	2.8	11.0	1.0	60	A22-08702	2022-06-23	2022-09-07
745535	0.26	0.3	0.2	1.8	74	1.3	10.2	0.8	70	A22-08702	2022-06-23	2022-09-07
745536	0.32	0.4	0.2	2.2	96	1.3	8.8	0.9	120	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - S-MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - S-MS- Na2O2 ppm	Zn_FUS - S-MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745537	0.33	0.5	0.2	1.7	106	1.0	10.8	1.2	90	A22-08702	2022-06-23	2022-09-07
745538	0.40	0.6	0.2	2.2	118	2.2	14.6	1.5	110	A22-08702	2022-06-23	2022-09-07
745539	0.32	0.7	0.2	1.4	87	1.3	9.5	1.0	90	A22-08702	2022-06-23	2022-09-07
745540	0.34	0.4	0.2	2.1	109	1.6	11.6	1.1	80	A22-08702	2022-06-23	2022-09-07
745541	0.37	0.3	0.2	1.5	143	1.0	13.8	1.5	90	A22-08702	2022-06-23	2022-09-07
745542	0.33	0.3	0.2	1.9	105	1.2	13.2	1.4	70	A22-08702	2022-06-23	2022-09-07
745543	0.41	0.5	0.3	2.0	178	1.8	16.7	1.8	120	A22-08702	2022-06-23	2022-09-07
745544	0.18	0.4	0.1	0.8	75	13.2	9.1	0.8	100	A22-08702	2022-06-23	2022-09-07
745545	0.36	0.3	0.3	1.5	146	1.8	13.1	1.5	90	A22-08702	2022-06-23	2022-09-07
745546	0.15	0.7	< 0.1	3.7	22	1.4	5.7	0.4	60	A22-08702	2022-06-23	2022-09-07
745547	0.21	0.1	< 0.1	0.6	37	5.4	4.9	0.5	90	A22-08702	2022-06-23	2022-09-07
745548	0.21	0.2	< 0.1	0.5	39	0.9	4.5	0.4	90	A22-08702	2022-06-23	2022-09-07
745549	0.30	0.3	< 0.1	2.9	45	0.8	4.7	0.3	80	A22-08702	2022-06-23	2022-09-07
745551	0.34	0.4	0.2	1.8	110	0.8	14.0	1.1	100	A22-08702	2022-06-23	2022-09-07
745552	0.33	0.4	0.2	1.5	108	1.2	9.7	0.8	90	A22-08702	2022-06-23	2022-09-07
745553	0.27	0.5	0.1	1.9	100	1.0	11.8	1.1	80	A22-08702	2022-06-23	2022-09-07
745554	0.34	0.5	0.2	2.6	99	1.0	12.1	1.2	80	A22-08702	2022-06-23	2022-09-07
745555	0.33	0.4	0.2	2.0	96	1.0	12.7	1.2	100	A22-08702	2022-06-23	2022-09-07
745556	0.26	0.3	< 0.1	0.8	69	0.8	7.9	0.7	100	A22-08702	2022-06-23	2022-09-07
745557	0.24	0.4	< 0.1	2.0	64	1.1	6.9	0.8	90	A22-08702	2022-06-23	2022-09-07
745558	0.34	0.6	0.2	2.1	112	1.7	11.0	1.2	90	A22-08702	2022-06-23	2022-09-07
745559	0.32	0.5	0.2	2.0	101	1.0	10.2	1.1	90	A22-08702	2022-06-23	2022-09-07
745560	0.31	0.3	0.1	1.8	94	1.6	8.9	0.8	90	A22-08702	2022-06-23	2022-09-07
745561	0.35	0.8	0.1	1.8	84	1.5	8.0	0.9	100	A22-08702	2022-06-23	2022-09-07
745562	0.30	0.6	0.2	2.0	82	1.5	11.2	1.0	90	A22-08702	2022-06-23	2022-09-07
745563	0.30	1.4	0.1	1.9	86	1.5	8.7	0.7	90	A22-08702	2022-06-23	2022-09-07
745564	0.26	0.4	0.2	1.2	74	0.8	9.1	1.0	90	A22-08702	2022-06-23	2022-09-07
745565	0.29	0.1	0.1	0.9	82	0.9	7.4	0.7	100	A22-08702	2022-06-23	2022-09-07
745566	0.23	0.2	< 0.1	0.9	51	0.9	6.8	0.7	70	A22-08702	2022-06-23	2022-09-07
745567	0.25	0.6	0.1	1.5	70	1.4	7.8	0.7	70	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - MS- Na2O2 ppm	Zn_FUS - MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745568	0.30	0.3	0.1	2.0	92	1.6	8.5	0.8	90	A22-08702	2022-06-23	2022-09-07
745569	0.36	1.0	0.2	1.8	114	1.6	10.3	1.1	80	A22-08702	2022-06-23	2022-09-07
745570	0.34	0.5	0.2	2.0	115	1.9	10.2	0.8	90	A22-08702	2022-06-23	2022-09-07
745571	0.33	0.4	0.1	1.8	90	2.1	8.0	1.0	80	A22-08702	2022-06-23	2022-09-07
745572	0.23	0.4	0.1	2.4	60	1.6	8.8	0.8	90	A22-08702	2022-06-23	2022-09-07
745573	0.27	1.7	0.1	2.1	71	1.8	10.7	1.0	80	A22-08702	2022-06-23	2022-09-07
745574	0.36	0.5	0.2	2.2	119	1.1	11.3	1.1	80	A22-08702	2022-06-23	2022-09-07
745575	0.32	0.5	0.2	2.0	91	2.1	8.5	0.9	70	A22-08702	2022-06-23	2022-09-07
745576	0.36	0.4	0.2	1.7	126	1.2	13.3	1.1	100	A22-08702	2022-06-23	2022-09-07
745577	0.24	0.7	0.1	1.8	62	1.2	9.9	1.0	50	A22-08702	2022-06-23	2022-09-07
745578	0.36	0.7	0.2	2.0	110	2.1	9.8	1.4	70	A22-08702	2022-06-23	2022-09-07
745579	0.46	0.7	0.3	2.7	151	1.0	18.4	1.5	120	A22-08702	2022-06-23	2022-09-07
745580	0.35	0.5	0.2	2.3	105	1.2	11.6	1.2	100	A22-08702	2022-06-23	2022-09-07
745581	0.39	1.5	0.2	2.0	124	4.5	8.4	1.0	80	A22-08702	2022-06-23	2022-09-07
745582	0.28	0.5	< 0.1	1.4	79	1.0	6.6	0.8	90	A22-08702	2022-06-23	2022-09-07
745583	0.27	0.4	0.1	1.5	73	1.4	9.2	0.8	90	A22-08702	2022-06-23	2022-09-07
745584	< 0.01	< 0.1	< 0.1	0.2	9	0.8	2.9	0.2	30	A22-08702	2022-06-23	2022-09-07
745585	0.32	0.4	0.2	2.7	96	1.2	9.3	0.9	70	A22-08702	2022-06-23	2022-09-07
PTM-1a Meas										A22-08702	2022-06-23	2022-09-07
PTM-1a Cert										A22-08702	2022-06-23	2022-09-07
PTM-1a Meas										A22-08702	2022-06-23	2022-09-07
PTM-1a Cert										A22-08702	2022-06-23	2022-09-07
PTM-1a Meas										A22-08702	2022-06-23	2022-09-07
PTM-1a Cert										A22-08702	2022-06-23	2022-09-07
PTM-1a Meas										A22-08702	2022-06-23	2022-09-07
PTM-1a Cert										A22-08702	2022-06-23	2022-09-07
NIST 696 Meas					398					A22-08702	2022-06-23	2022-09-07
NIST 696 Cert					403.00 00					A22-08702	2022-06-23	2022-09-07
NIST 696 Meas					391					A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS-MS- Na2O2 ppm	V_FUS-MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS-MS- Na2O2 ppm	Yb_FUS-MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
NIST 696 Cert					403.0000					A22-08702	2022-06-23	2022-09-07
NIST 696 Meas										A22-08702	2022-06-23	2022-09-07
NIST 696 Cert										A22-08702	2022-06-23	2022-09-07
NIST 696 Meas										A22-08702	2022-06-23	2022-09-07
NIST 696 Cert										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Meas										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Cert										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Meas										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Cert										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Meas										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Cert										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Meas										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Cert										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Meas										A22-08702	2022-06-23	2022-09-07
Oreas 74a (Fusion) Cert										A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Meas	0.41		2.9	402	77		175	15.9		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Cert	0.395		2.90	422	83		183	17.5		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Meas	0.40		2.7	415	83		186	16.9		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Cert	0.395		2.90	422	83		183	17.5		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Meas	0.40		2.8	403	82		177	17.0		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Cert	0.395		2.90	422	83		183	17.5		A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Meas	0.39									A22-08702	2022-06-23	2022-09-07
OREAS 101a (Fusion) Cert	0.395									A22-08702	2022-06-23	2022-09-07
NCS DC86303 Meas						10.1				A22-08702	2022-06-23	2022-09-07
NCS DC86303 Cert						8.90				A22-08702	2022-06-23	2022-09-07
NCS DC86303 Meas						10.1				A22-08702	2022-06-23	2022-09-07
NCS DC86303 Cert						8.90				A22-08702	2022-06-23	2022-09-07
NCS DC86303 Meas						9.1				A22-08702	2022-06-23	2022-09-07
NCS DC86303 Cert						8.9				A22-08702	2022-06-23	2022-09-07
NCS DC86304 Meas						43.9				A22-08702	2022-06-23	2022-09-07
NCS DC86304 Cert						43.7				A22-08702	2022-06-23	2022-09-07
NCS DC86304						47.5				A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
Meas										08702	06-23	09-07
NCS DC86304 Cert						43.7				A22-08702	2022-06-23	2022-09-07
NCS DC86304 Meas						41.1				A22-08702	2022-06-23	2022-09-07
NCS DC86304 Cert						43.7				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Meas						75.5				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Cert						79.0				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Meas						74.2				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Cert						79.0				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Meas						71.0				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Cert						79.0				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Meas						73.2				A22-08702	2022-06-23	2022-09-07
NCS DC86314 Cert						79.0				A22-08702	2022-06-23	2022-09-07
NCS DC86313 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC86313 Cert										A22-08702	2022-06-23	2022-09-07
CZN-4 Meas									> 10000	A22-08702	2022-06-23	2022-09-07
CZN-4 Cert									550700.00	A22-08702	2022-06-23	2022-09-07
CZN-4 Meas									> 10000	A22-08702	2022-06-23	2022-09-07
CZN-4 Cert									550700.00	A22-08702	2022-06-23	2022-09-07
CZN-4 Meas									> 10000	A22-08702	2022-06-23	2022-09-07
CZN-4 Cert									550700.00	A22-08702	2022-06-23	2022-09-07
CZN-4 Meas									> 10000	A22-08702	2022-06-23	2022-09-07
CZN-4 Cert									550700.00	A22-08702	2022-06-23	2022-09-07
OREAS 183 (Fusion ICP) Meas									90	A22-08702	2022-06-23	2022-09-07
OREAS 183										A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
(Fusion ICP) Cert									82.0000	08702	06-23	09-07
Lithium Tetraborate FX-LT 100 lot#220610B Meas										A22-08702	2022-06-23	2022-09-07
Lithium Tetraborate FX-LT 100 lot#220610B Cert										A22-08702	2022-06-23	2022-09-07
Lithium Tetraborate FX-LT 100 lot#220610B Meas										A22-08702	2022-06-23	2022-09-07
Lithium Tetraborate FX-LT 100 lot#220610B Cert										A22-08702	2022-06-23	2022-09-07
Lithium Tetraborate FX-LT 100 lot#220610B Meas										A22-08702	2022-06-23	2022-09-07
Lithium Tetraborate FX-LT 100 lot#220610B Cert										A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Meas	0.43	0.8	0.5	3.5	95		31.1	3.1	320	A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Cert	0.439	0.9	0.510	3.6	92.0		31.1	3.17	280	A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Meas	0.43									A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Cert	0.439									A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Meas	0.43									A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Cert	0.439									A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Meas	0.43									A22-08702	2022-06-23	2022-09-07
OREAS 922 (Peroxide Fusion) Cert	0.439									A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Meas	0.18	1.9		2.9	35	3.7	12.3	0.9	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Cert	0.181	2.0		3.0	36.3	2.6	13.9	1.03	52200	A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Meas	0.18	2.0		2.9	36	3.3	13.9	1.2	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Cert	0.181	2.0		3.0	36.3	2.6	13.9	1.03	52200	A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Meas	0.18	2.0		2.9	34	3.2	14.0	1.1	> 10000	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
Meas												
OREAS 621 (Peroxide Fusion) Cert	0.181	2.0		3.0	36.3	2.6	13.9	1.03	52200	A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Meas	0.18									A22-08702	2022-06-23	2022-09-07
OREAS 621 (Peroxide Fusion) Cert	0.181									A22-08702	2022-06-23	2022-09-07
CCU-1e Meas		2.9							> 10000	A22-08702	2022-06-23	2022-09-07
CCU-1e Cert		2.69							30200	A22-08702	2022-06-23	2022-09-07
CCU-1e Meas		2.7							> 10000	A22-08702	2022-06-23	2022-09-07
CCU-1e Cert		2.69							30200	A22-08702	2022-06-23	2022-09-07
CCU-1e Meas		2.7							> 10000	A22-08702	2022-06-23	2022-09-07
CCU-1e Cert		2.69							30200	A22-08702	2022-06-23	2022-09-07
CCU-1e Meas		2.6							> 10000	A22-08702	2022-06-23	2022-09-07
CCU-1e Cert		2.69							30200	A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Meas	0.52			1.7	247		16.8	1.6	2430	A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Cert	0.523			1.55	224		16.2	1.52	2320	A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Meas	0.53			1.8	228		16.2	1.7	2350	A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Cert	0.523			1.55	224		16.2	1.52	2320	A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Meas	0.52									A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Cert	0.523									A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Meas	0.52									A22-08702	2022-06-23	2022-09-07
OREAS 680 (Peroxide Fusion) Cert	0.523									A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Meas	0.16	36.1		13.0			17.1		> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Meas	0.16	38.7		12.3			18.3		> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
OREAS 139 (Peroxide Fusion) Meas	0.15	35.9		11.6			16.3		> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Meas	0.16	36.0		12.1			16.6		> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Meas	0.15	1.0		1.3	35	5.0	18.4	2.2	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Cert	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Meas	0.15	1.2		1.4	35	5.2	17.2	1.9	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Cert	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Meas	0.15	0.9		1.3	34	5.5	16.6	1.5	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Cert	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Meas	0.14	1.0		1.3	31	5.2	17.4	1.7	> 10000	A22-08702	2022-06-23	2022-09-07
OREAS 624 (Peroxide Fusion) Cert	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100	A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Meas	0.26		0.3	1770	28		15.9	2.0		A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Cert	0.254		0.220	1790	23.3		14.2	1.63		A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Meas	0.25		0.2	1800	28		13.9	1.7		A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Cert	0.254		0.220	1790	23.3		14.2	1.63		A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Meas	0.26									A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Cert	0.254									A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Meas	0.26									A22-08702	2022-06-23	2022-09-07
OREAS 124 (Peroxide Fusion) Cert	0.254									A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion)	15.2				2830					A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
Meas												
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Meas	14.9				2960					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Meas	14.7				2790					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Meas	15.1				2980					A22-08702	2022-06-23	2022-09-07
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700					A22-08702	2022-06-23	2022-09-07
NCS DC73520 Meas						514		390		A22-08702	2022-06-23	2022-09-07
NCS DC73520 Cert						518		370		A22-08702	2022-06-23	2022-09-07
NCS DC73520 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Meas										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Cert										A22-08702	2022-06-23	2022-09-07
NCS DC73520 Meas										A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Meas	0.36	12.3	0.3	8.1	57	7.4	20.6	1.4	160	A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Cert	0.35	12.3	0.2	8.6	56	6.4	19.4	1.4	160	A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Meas	0.34									A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Cert	0.35									A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Meas	0.35									A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Cert	0.35									A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Meas	0.35									A22-08702	2022-06-23	2022-09-07
OREAS 148 (Peroxide Fusion) Cert	0.35									A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
742560 Orig	0.39	0.4	0.3	1.5	172	2.1	17.8	2.0	100	A22-08702	2022-06-23	2022-09-07
742560 Dup	0.39	0.4	0.3	1.6	171	2.0	17.8	1.9	100	A22-08702	2022-06-23	2022-09-07
742570 Orig	0.19	0.3	0.1	0.9	35	1.5	7.4	0.7	70	A22-08702	2022-06-23	2022-09-07
742570 Dup	0.19	0.3	< 0.1	1.0	35	1.4	7.0	0.7	70	A22-08702	2022-06-23	2022-09-07
742580 Orig	0.42	< 0.1	0.2	0.3	274	1.6	15.8	1.7	60	A22-08702	2022-06-23	2022-09-07
742580 Dup	0.41	< 0.1	0.2	0.3	272	1.4	15.8	1.9	50	A22-08702	2022-06-23	2022-09-07
742590 Orig	0.28	0.8	0.1	2.3	77	1.7	9.6	0.9	70	A22-08702	2022-06-23	2022-09-07
742590 Dup	0.28	0.9	0.1	2.4	76	1.4	9.7	1.0	80	A22-08702	2022-06-23	2022-09-07
742600 Split	0.17	0.2	< 0.1	1.0	42	1.1	5.3	0.6	60	A22-08702	2022-06-23	2022-09-07
742600 Orig	0.18	0.2	< 0.1	1.1	46	1.6	5.2	0.6	60	A22-08702	2022-06-23	2022-09-07
742600 Dup	0.17	0.2	< 0.1	1.0	44	1.6	5.2	0.5	50	A22-08702	2022-06-23	2022-09-07
745010 Orig	0.24	0.5	0.1	1.7	65	1.5	6.9	0.9	80	A22-08702	2022-06-23	2022-09-07
745010 Dup	0.25	0.4	< 0.1	1.7	65	1.4	7.4	0.8	80	A22-08702	2022-06-23	2022-09-07
745020 Orig	0.28	< 0.1	0.2	0.2	329	1.1	10.4	1.2	90	A22-08702	2022-06-23	2022-09-07
745020 Dup	0.28	< 0.1	0.2	0.3	336	1.6	11.0	1.3	90	A22-08702	2022-06-23	2022-09-07
745030 Orig	0.14	0.7	< 0.1	3.5	30	1.8	6.8	0.7	80	A22-08702	2022-06-23	2022-09-07
745030 Dup	0.15	0.7	0.1	3.3	29	1.5	6.6	0.6	80	A22-08702	2022-06-23	2022-09-07
745040 Orig	0.24	0.3	0.1	0.7	46	1.4	5.9	0.4	70	A22-08702	2022-06-23	2022-09-07
745040 Dup	0.23	0.3	0.1	0.8	45	1.4	6.5	0.6	80	A22-08702	2022-06-23	2022-09-07
745050 Split	0.08	< 0.1	0.1	0.4	34	1.1	9.1	0.7	40	A22-08702	2022-06-23	2022-09-07
745050 Orig	0.08	< 0.1	0.1	0.4	34	0.8	8.7	0.7	40	A22-08702	2022-06-23	2022-09-07
745050 Dup	0.07	< 0.1	0.1	0.5	36	< 0.7	9.2	0.7	40	A22-08702	2022-06-23	2022-09-07
745120 Orig	0.16	0.1	< 0.1	0.5	29	1.0	2.7	0.3	70	A22-08702	2022-06-23	2022-09-07
745120 Dup	0.17	0.1	< 0.1	0.5	27	0.9	2.5	0.3	60	A22-08702	2022-06-23	2022-09-07
745130 Orig	0.11	1.0	< 0.1	2.4	12	1.6	3.6	0.5	40	A22-08702	2022-06-23	2022-09-07
745130 Dup	0.11	0.9	< 0.1	2.4	12	2.0	3.5	0.3	50	A22-08702	2022-06-23	2022-09-07
745140 Orig	0.17	0.2	< 0.1	0.9	30	2.0	4.9	0.5	50	A22-08702	2022-06-23	2022-09-07
745140 Dup	0.17	0.2	< 0.1	0.9	31	1.8	5.2	0.6	70	A22-08702	2022-06-23	2022-09-07
745149 Orig	0.21	0.3	< 0.1	1.3	70	2.8	6.8	0.7	50	A22-08702	2022-06-23	2022-09-07
745149 Dup	0.20	0.3	< 0.1	1.2	73	2.8	7.0	0.8	50	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745150 Split	0.29	0.4	0.2	1.5	82	1.9	10.3	1.0	90	A22-08702	2022-06-23	2022-09-07
745164 Orig	0.21	0.2	0.1	0.5	36	1.0	7.6	0.5	80	A22-08702	2022-06-23	2022-09-07
745164 Dup	0.21	0.2	0.1	0.5	37	1.0	7.7	0.6	60	A22-08702	2022-06-23	2022-09-07
745169 Orig	0.39	0.9	0.3	1.8	186	2.0	18.9	1.9	90	A22-08702	2022-06-23	2022-09-07
745169 Dup	0.39	0.7	0.3	1.9	185	1.8	17.9	1.8	90	A22-08702	2022-06-23	2022-09-07
745184 Orig	0.29	0.3	0.1	1.4	81	1.8	9.0	1.1	60	A22-08702	2022-06-23	2022-09-07
745184 Dup	0.29	0.4	0.1	1.3	79	1.6	8.7	0.7	70	A22-08702	2022-06-23	2022-09-07
745194 Orig	0.16	0.3	< 0.1	2.1	32	1.1	5.7	0.7	40	A22-08702	2022-06-23	2022-09-07
745194 Dup	0.16	0.4	< 0.1	2.1	34	1.4	6.1	0.7	70	A22-08702	2022-06-23	2022-09-07
745200 Split Orig	0.24	0.3	< 0.1	0.5	32	1.3	6.0	0.6	60	A22-08702	2022-06-23	2022-09-07
745200 Split	0.25	0.3	< 0.1	0.5	33	0.8	6.1	0.5	70	A22-08702	2022-06-23	2022-09-07
745204 Orig	0.28	0.5	< 0.1	3.4	43	1.3	6.2	0.6	70	A22-08702	2022-06-23	2022-09-07
745204 Dup	0.28	0.6	< 0.1	3.3	42	1.4	5.7	0.5	70	A22-08702	2022-06-23	2022-09-07
745214 Orig	0.28	0.5	< 0.1	1.6	84	1.3	8.9	0.7	70	A22-08702	2022-06-23	2022-09-07
745214 Dup	0.29	0.6	0.2	1.8	83	1.7	10.1	1.0	70	A22-08702	2022-06-23	2022-09-07
745224 Orig	0.34	0.4	0.2	1.7	98	3.1	10.4	1.0	120	A22-08702	2022-06-23	2022-09-07
745224 Dup	0.35	0.5	0.2	1.6	110	3.1	11.8	1.1	120	A22-08702	2022-06-23	2022-09-07
745234 Orig	0.33	0.4	0.1	1.9	112	1.0	12.4	1.2	90	A22-08702	2022-06-23	2022-09-07
745234 Dup	0.33	0.4	0.2	2.0	115	0.8	11.7	1.3	90	A22-08702	2022-06-23	2022-09-07
745244 Orig	0.33	0.5	0.2	3.0	103	2.2	12.4	1.2	80	A22-08702	2022-06-23	2022-09-07
745244 Dup	0.33	0.7	0.2	2.9	101	2.2	12.4	1.4	80	A22-08702	2022-06-23	2022-09-07
745250 Split Orig	0.22	0.4	< 0.1	1.7	31	1.7	6.1	0.5	70	A22-08702	2022-06-23	2022-09-07
745250 Split	0.21	0.5	< 0.1	1.6	29	1.5	6.1	0.6	60	A22-08702	2022-06-23	2022-09-07
745254 Orig	0.23	0.1	< 0.1	0.6	42	0.9	4.1	0.4	60	A22-08702	2022-06-23	2022-09-07
745254 Dup	0.24	0.2	< 0.1	0.5	45	0.8	3.6	0.4	60	A22-08702	2022-06-23	2022-09-07
745274 Orig	0.25	0.5	0.1	2.2	72	1.3	8.1	0.8	70	A22-08702	2022-06-23	2022-09-07
745274 Dup	0.26	0.6	0.2	2.3	76	1.3	8.3	1.0	70	A22-08702	2022-06-23	2022-09-07
745282 Orig	0.23	0.5	< 0.1	1.6	38	0.9	5.5	0.5	70	A22-08702	2022-06-23	2022-09-07
745282 Dup	0.22	0.5	< 0.1	1.5	41	1.4	5.5	0.5	90	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS - MS- Na2O2 ppm	Tm_FUS - S-MS- Na2O2 ppm	U_FUS - MS- Na2O2 ppm	V_FUS - MS- Na2O2 ppm	W_FUS - MS- Na2O2 ppm	Y_FUS - MS- Na2O2 ppm	Yb_FUS - S-MS- Na2O2 ppm	Zn_FUS - S-MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745294 Orig	0.35	1.9	0.2	3.8	105	2.0	10.0	1.0	90	A22-08702	2022-06-23	2022-09-07
745294 Dup	0.35	1.9	0.2	4.0	100	2.1	10.3	1.0	90	A22-08702	2022-06-23	2022-09-07
745299 Orig	0.08	0.9	< 0.1	1.7	10	1.0	2.2	0.2	80	A22-08702	2022-06-23	2022-09-07
745299 Dup	0.08	0.8	< 0.1	1.8	11	1.2	2.4	0.4	80	A22-08702	2022-06-23	2022-09-07
745300 Split Orig	0.38	0.5	< 0.1	2.9	63	0.7	10.0	0.6	90	A22-08702	2022-06-23	2022-09-07
745300 Split	0.39	0.5	< 0.1	3.0	59	1.0	9.5	0.7	100	A22-08702	2022-06-23	2022-09-07
745312 Orig	0.30	0.9	0.1	1.5	91	2.4	7.0	0.8	70	A22-08702	2022-06-23	2022-09-07
745312 Dup	0.30	1.0	0.1	1.4	95	2.3	7.1	0.8	70	A22-08702	2022-06-23	2022-09-07
745318 Orig	0.30	0.2	0.1	2.0	86	1.6	10.0	0.9	70	A22-08702	2022-06-23	2022-09-07
745318 Dup	0.30	0.3	0.1	2.0	83	2.3	9.1	0.9	60	A22-08702	2022-06-23	2022-09-07
745331 Orig	0.30	1.5	0.1	2.1	90	1.2	9.2	0.9	90	A22-08702	2022-06-23	2022-09-07
745331 Dup	0.31	1.6	0.1	2.2	88	1.0	9.7	1.0	100	A22-08702	2022-06-23	2022-09-07
745338 Orig	0.25	0.2	< 0.1	0.9	54	1.1	7.1	0.6	70	A22-08702	2022-06-23	2022-09-07
745338 Dup	0.24	0.2	0.1	0.9	49	< 0.7	6.9	0.6	80	A22-08702	2022-06-23	2022-09-07
745350 Split Orig	0.17	0.2	< 0.1	0.7	30	1.0	3.6	0.3	60	A22-08702	2022-06-23	2022-09-07
745350 Split	0.17	0.2	< 0.1	0.8	32	0.9	4.0	0.3	80	A22-08702	2022-06-23	2022-09-07
745353 Orig	0.10	0.6	0.2	1.0	25	3.1	14.3	1.0	60	A22-08702	2022-06-23	2022-09-07
745353 Dup	0.10	0.7	0.2	1.0	29	2.3	15.3	1.3	70	A22-08702	2022-06-23	2022-09-07
745358 Orig	0.42	0.9	0.2	3.3	172	6.6	14.0	1.9	110	A22-08702	2022-06-23	2022-09-07
745358 Dup	0.41	1.1	0.3	3.5	174	4.7	17.8	1.7	120	A22-08702	2022-06-23	2022-09-07
745378 Orig	0.34	0.6	0.2	3.4	104	2.5	12.4	1.4	80	A22-08702	2022-06-23	2022-09-07
745378 Dup	0.33	0.6	0.2	3.2	105	2.6	11.1	1.2	80	A22-08702	2022-06-23	2022-09-07
745386 Orig	0.14	0.3	< 0.1	0.8	27	4.7	4.1	0.5	60	A22-08702	2022-06-23	2022-09-07
745386 Dup	0.14	0.3	< 0.1	0.8	27	4.5	3.9	0.4	60	A22-08702	2022-06-23	2022-09-07
745398 Orig	0.28	0.3	0.1	1.4	74	1.8	7.7	0.7	80	A22-08702	2022-06-23	2022-09-07
745398 Dup	0.27	0.2	0.1	1.4	73	1.4	7.9	0.9	80	A22-08702	2022-06-23	2022-09-07
745400 Split Orig	0.29	0.7	0.1	2.2	95	1.9	8.6	0.8	80	A22-08702	2022-06-23	2022-09-07
745400 Split	0.29	0.7	0.1	2.2	96	2.3	8.4	0.9	80	A22-08702	2022-06-23	2022-09-07
745408 Orig	0.18	0.2	< 0.1	0.6	31	1.1	5.7	0.4	70	A22-08702	2022-06-23	2022-09-07
745408 Dup	0.18	0.2	< 0.1	0.5	32	1.3	6.2	0.3	70	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08702	06-23	09-07
745415 Orig	0.36	0.5	0.2	1.4	119	1.7	12.9	1.0	100	A22-08702	2022-06-23	2022-09-07
745415 Dup	0.36	0.5	0.2	1.4	119	2.5	12.3	0.9	100	A22-08702	2022-06-23	2022-09-07
745428 Orig	0.41	0.6	0.2	3.5	145	3.4	14.2	1.6	100	A22-08702	2022-06-23	2022-09-07
745428 Dup	0.42	0.7	0.3	3.6	152	3.7	16.5	1.5	100	A22-08702	2022-06-23	2022-09-07
745442 Orig	0.43	0.5	0.3	1.7	190	1.5	20.1	1.7	90	A22-08702	2022-06-23	2022-09-07
745442 Dup	0.43	0.4	0.3	1.7	193	1.5	20.0	1.7	90	A22-08702	2022-06-23	2022-09-07
745448 Orig	0.31	0.5	0.1	1.5	98	1.5	10.7	0.9	60	A22-08702	2022-06-23	2022-09-07
745448 Dup	0.31	0.5	0.2	1.5	100	2.1	11.3	1.0	60	A22-08702	2022-06-23	2022-09-07
745450 Split Orig	0.34	0.5	0.2	2.3	97	8.5	10.5	0.8	80	A22-08702	2022-06-23	2022-09-07
745450 Split	0.34	0.5	0.1	2.2	102	2.0	10.5	0.9	80	A22-08702	2022-06-23	2022-09-07
745457 Orig	0.30	0.4	0.1	1.8	86	1.5	9.7	0.8	70	A22-08702	2022-06-23	2022-09-07
745457 Dup	0.30	0.4	0.1	1.8	85	2.0	9.5	1.2	70	A22-08702	2022-06-23	2022-09-07
745464 Orig	0.22	0.6	0.1	1.1	58	8.7	6.1	0.6	60	A22-08702	2022-06-23	2022-09-07
745464 Dup	0.22	0.5	< 0.1	1.1	56	7.2	6.0	0.6	50	A22-08702	2022-06-23	2022-09-07
745482 Orig	0.31	0.6	0.2	1.8	88	1.2	11.8	1.1	100	A22-08702	2022-06-23	2022-09-07
745482 Dup	0.31	0.6	0.2	1.8	91	1.1	11.2	1.1	110	A22-08702	2022-06-23	2022-09-07
745492 Orig	0.29	0.6	0.2	1.9	84	1.4	9.4	0.9	80	A22-08702	2022-06-23	2022-09-07
745492 Dup	0.29	0.6	0.2	1.6	84	3.1	9.3	0.9	90	A22-08702	2022-06-23	2022-09-07
745500 Split Orig	0.35	0.7	0.2	1.7	106	1.1	11.3	1.2	90	A22-08702	2022-06-23	2022-09-07
745500 Split	0.34	0.6	0.2	1.6	107	1.2	10.9	1.2	80	A22-08702	2022-06-23	2022-09-07
745501 Orig	0.40	0.2	0.2	0.5	147	4.2	14.1	1.5	100	A22-08702	2022-06-23	2022-09-07
745501 Dup	0.41	0.2	0.2	0.5	153	5.4	13.8	1.4	110	A22-08702	2022-06-23	2022-09-07
745512 Orig	0.26	1.0	0.1	1.3	83	1.4	6.1	0.9	70	A22-08702	2022-06-23	2022-09-07
745512 Dup	0.26	1.1	0.2	1.4	81	1.4	6.6	0.7	80	A22-08702	2022-06-23	2022-09-07
745522 Orig	0.33	0.3	0.2	1.5	107	1.1	12.0	1.0	80	A22-08702	2022-06-23	2022-09-07
745522 Dup	0.34	0.3	0.2	1.6	110	2.0	12.0	1.3	90	A22-08702	2022-06-23	2022-09-07
745532 Orig	0.30	0.4	0.2	2.6	88	0.9	11.5	1.0	90	A22-08702	2022-06-23	2022-09-07
745532 Dup	0.31	0.4	0.1	2.9	93	0.9	12.5	1.0	100	A22-08702	2022-06-23	2022-09-07
745545 Orig	0.36	0.3	0.3	1.5	146	1.8	13.1	1.5	90	A22-08702	2022-06-23	2022-09-07

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
745545 Dup	0.36	0.2	0.2	1.5	146	1.4	13.4	1.4	90	A22-08702	2022-06-23	2022-09-07
745551 Split Orig	0.34	0.4	0.2	1.8	110	0.8	14.0	1.1	100	A22-08702	2022-06-23	2022-09-07
745551 Split	0.34	0.4	0.2	1.9	112	1.0	14.4	1.1	100	A22-08702	2022-06-23	2022-09-07
745553 Orig	0.27	0.5	0.1	1.9	100	1.0	11.8	1.1	80	A22-08702	2022-06-23	2022-09-07
745553 Dup	0.27	0.5	0.1	1.9	101	1.1	12.3	0.9	80	A22-08702	2022-06-23	2022-09-07
745566 Orig	0.23	0.2	< 0.1	0.9	51	0.9	6.8	0.7	70	A22-08702	2022-06-23	2022-09-07
745566 Dup	0.23	0.3	0.1	0.8	51	2.0	6.4	0.7	80	A22-08702	2022-06-23	2022-09-07
745574 Orig	0.36	0.5	0.2	2.2	119	1.1	11.3	1.1	80	A22-08702	2022-06-23	2022-09-07
745574 Dup	0.36	0.5	0.2	2.1	115	0.8	11.5	1.1	90	A22-08702	2022-06-23	2022-09-07
745583 Orig	0.27	0.4	0.1	1.5	73	1.4	9.2	0.8	90	A22-08702	2022-06-23	2022-09-07
745583 Dup	0.27	0.4	0.1	1.4	72	1.6	8.3	0.8	80	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.3	< 0.1	0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.1	< 0.1	0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	0.8	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	< 0.1	< 5	1.8	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank		< 0.1	< 0.1	< 0.1	< 5	1.1	< 0.1	0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	< 0.1	< 5	0.7	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	< 0.1	< 5	1.9	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank		< 0.1	< 0.1	< 0.1	< 5	0.8	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.5	< 5	1.2	< 0.1	0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	< 0.1	< 5	1.7	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank		< 0.1	< 0.1	< 0.1	< 5	1.0	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.6	< 0.1	0.1	< 30	A22-	2022-	2022-

Analyte Symbol	Ti_FUS- Na2O2 %	Tl_FUS- MS- Na2O2 ppm	Tm_FUS- MS- Na2O2 ppm	U_FUS- MS- Na2O2 ppm	V_FUS- MS- Na2O2 ppm	W_FUS- MS- Na2O2 ppm	Y_FUS- MS- Na2O2 ppm	Yb_FUS- MS- Na2O2 ppm	Zn_FUS- MS- Na2O2 ppm	Certificate	Date_Received	Date_Finalized
										08702	06-23	09-07
Method Blank		< 0.1	< 0.1	0.1	< 5	0.9	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.1	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.6	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.2	< 5	0.8	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01									A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	< 0.7	< 0.1	0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	0.8	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank	< 0.01	< 0.1	< 0.1	< 0.1	< 5	< 0.7	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07
Method Blank		< 0.1	< 0.1	< 0.1	< 5	< 0.7	< 0.1	< 0.1	< 30	A22-08702	2022-06-23	2022-09-07



Report No.: A22-08838
Report Date: 24-Aug-22
Date Submitted: 27-Jun-22
Your Reference: Graphic Lake

Canada Critical Resources Corp
1400C-250 Howe Strret
Vancouver
BC V6C3S7
Canada

ATTN: Troy Gallik

CERTIFICATE OF ANALYSIS

63 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: UT-7 (Li up to 5%), QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES + ICPMS), 2022-08-14 15:45:37

REPORT A22-08838

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Notes:



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FUS S-MS- Na2O2 ppm	B_FUS S-MS- Na2O2 ppm	Ba_FUS S-MS- Na2O2 ppm	Be_FUS S-MS- Na2O2 ppm	Bi_FUS S-MS- Na2O2 ppm	Ca_FUS S-MS- Na2O2 %	Cd_FUS S-MS- Na2O2 ppm	Ce_FUS S-MS- Na2O2 ppm	Co_FUS S-MS- Na2O2 ppm	Cr_FUS S-MS- Na2O2 ppm	Cs_FUS S-MS- Na2O2 ppm	Cu_FUS S-MS- Na2O2 ppm	Dy_FUS S-MS- Na2O2 ppm	Er_FUS S-MS- Na2O2 ppm	Eu_FUS S-MS- Na2O2 ppm	Fe_FUS S-MS- Na2O2 %	Ga_FUS S-MS- Na2O2 ppm	Gd_FUS S-MS- Na2O2 ppm	Ge_FUS S-MS- Na2O2 ppm	Ho_FUS S-MS- Na2O2 ppm	Hf_FUS S-MS- Na2O2 ppm	In_FUS S-MS- Na2O2 ppm
A00058001	9.11	< 5	30	27	6	< 2	1.00	< 2	65.7	0.3	< 30	11.5	< 2	10.6	8.1	0.1	0.72	33.1	8.4	2.8	2.3	< 10	< 0.2
A00058002	7.38	< 5	10	15	< 3	< 2	0.29	< 2	10.7	< 0.2	< 30	7.4	< 2	2.5	1.1	< 0.1	0.73	33.1	2.1	3.2	0.4	< 10	< 0.2
A00058003	7.19	< 5	20	23	3	< 2	0.66	< 2	16.3	0.4	40	24.4	< 2	5.5	3.5	< 0.1	0.74	24.2	3.5	2.1	1.2	< 10	< 0.2
A00058004	6.47	< 5	10	43	< 3	< 2	0.11	< 2	3.8	0.2	< 30	52.8	< 2	2.6	1.6	0.1	0.67	21.2	1.3	2.4	0.4	< 10	< 0.2
A00058005	6.80	< 5	10	28	< 3	< 2	0.32	< 2	12.6	0.3	50	13.2	< 2	4.7	3.5	0.1	0.69	25.7	3.5	1.7	1.0	< 10	< 0.2
A00058006	5.47	< 5	< 10	49	< 3	9	0.21	< 2	16.4	< 0.2	< 30	12.8	< 2	2.2	1.3	< 0.1	0.65	20.0	2.2	2.7	0.4	< 10	< 0.2
A00058007	7.18	< 5	20	46	3	< 2	0.87	< 2	7.1	0.2	< 30	6.9	< 2	0.8	0.4	0.2	0.87	23.6	0.8	1.8	< 0.2	< 10	< 0.2
A00058008	6.54	< 5	30	13	4	< 2	0.35	< 2	9.4	< 0.2	< 30	18.2	< 2	3.0	1.6	< 0.1	0.71	26.1	2.4	2.6	0.6	< 10	< 0.2
A00058009	7.49	< 5	< 10	71	< 3	< 2	0.45	< 2	34.9	0.2	30	4.8	< 2	14.5	8.5	< 0.1	1.01	36.5	9.3	3.4	2.8	< 10	< 0.2
A00058010	5.59	< 5	20	16	< 3	2	0.25	< 2	6.8	0.7	50	17.0	< 2	2.7	1.6	< 0.1	0.66	18.8	2.4	2.2	0.5	< 10	< 0.2
A00058011	7.65	< 5	20	10	< 3	7	0.20	< 2	14.1	0.6	40	16.2	< 2	2.5	1.5	< 0.1	0.69	30.5	2.3	2.6	0.6	< 10	< 0.2
A00058012	7.94	< 5	20	5	5	2	0.42	< 2	7.7	0.4	< 30	15.9	< 2	2.4	1.5	< 0.1	0.73	33.6	1.8	2.5	0.5	< 10	< 0.2
A00058013	6.36	< 5	< 10	14	< 3	< 2	0.33	< 2	6.5	1.0	40	10.1	4	4.5	3.1	< 0.1	0.82	21.4	2.6	2.4	0.9	< 10	< 0.2
A00058014	7.37	< 5	20	5	< 3	< 2	0.17	< 2	3.5	2.1	40	33.6	15	1.4	0.7	< 0.1	0.84	32.6	1.1	1.4	0.2	< 10	< 0.2
A00058015	7.95	< 5	390	49	118	< 2	0.11	< 2	4.8	0.9	< 30	69.2	2	0.8	0.1	< 0.1	0.73	38.6	1.1	5.7	< 0.2	< 10	< 0.2
A00058016	7.53	< 5	30	70	3	4	0.17	< 2	8.8	0.4	< 30	18.9	3	2.1	1.1	< 0.1	0.86	36.6	1.7	3.2	0.3	< 10	< 0.2
A00058017	7.39	< 5	30	7	4	8	0.20	< 2	6.7	0.2	< 30	20.1	< 2	1.1	0.7	< 0.1	0.71	35.1	1.2	2.4	0.3	< 10	< 0.2
A00058018	7.76	< 5	30	77	3	11	0.43	< 2	18.5	0.9	40	7.1	< 2	5.7	2.8	0.1	1.07	42.2	3.2	3.5	0.9	< 10	< 0.2
A00058019	7.58	< 5	40	14	< 3	< 2	0.06	< 2	2.4	0.3	< 30	34.5	< 2	1.6	0.7	< 0.1	0.61	35.9	1.4	3.1	0.3	< 10	< 0.2
A00058020	7.60	< 5	20	27	4	6	0.22	< 2	18.4	< 0.2	< 30	11.5	< 2	5.8	4.0	< 0.1	0.93	33.0	3.7	4.1	1.2	< 10	< 0.2
A00058021	7.66	< 5	20	5	4	14	0.11	< 2	7.0	0.2	30	17.1	6	2.7	1.4	< 0.1	1.09	64.3	1.8	4.3	0.4	< 10	< 0.2
A00058022	7.73	< 5	40	8	6	15	0.13	< 2	5.6	< 0.2	< 30	17.9	< 2	2.5	0.6	< 0.1	0.88	37.2	2.0	5.0	0.3	< 10	< 0.2
A00058023	7.45	< 5	< 10	5	4	62	0.08	< 2	6.1	0.2	30	24.9	< 2	1.1	0.4	< 0.1	0.67	42.5	1.2	2.2	< 0.2	< 10	< 0.2
A00058024	7.59	< 5	< 10	4	4	4	0.21	< 2	9.2	0.4	30	9.3	2	1.7	1.0	< 0.1	0.89	29.2	1.8	2.7	0.4	< 10	< 0.2
A00058025	7.48	< 5	20	177	< 3	2	0.35	< 2	7.9	0.5	< 30	19.1	3	1.7	1.0	< 0.1	0.69	33.6	1.4	2.1	0.4	< 10	< 0.2
A00058026	7.70	< 5	< 10	44	5	15	0.19	< 2	3.1	0.5	30	30.3	3	0.7	0.2	< 0.1	0.69	44.6	1.1	3.3	< 0.2	< 10	< 0.2
A00058027	6.14	< 5	< 10	8	< 3	< 2	0.10	< 2	3.5	0.3	30	15.0	9	< 0.3	< 0.1	< 0.1	0.62	34.0	0.6	2.2	< 0.2	< 10	< 0.2
A00058028	7.13	< 5	< 10	32	50	2	0.03	< 2	2.1	0.4	< 30	37.5	2	0.5	0.1	< 0.1	0.71	37.0	0.7	3.3	< 0.2	< 10	< 0.2
A00058029	7.78	< 5	< 10	994	< 3	< 2	1.18	< 2	13.1	1.5	< 30	1.3	6	< 0.3	< 0.1	0.3	0.89	22.8	0.6	0.8	< 0.2	< 10	< 0.2
A00058030	7.97	< 5	< 10	14	6	8	0.29	< 2	4.5	0.5	30	38.0	2	1.6	0.9	< 0.1	1.08	49.6	1.2	3.4	0.3	< 10	< 0.2
A00058031	7.31	< 5	< 10	21	< 3	< 2	0.22	< 2	2.3	0.2	< 30	4.5	< 2	0.6	0.3	< 0.1	0.58	18.8	0.5	1.7	< 0.2	< 10	< 0.2
A00058032	7.15	< 5	10	29	< 3	< 2	0.58	< 2	8.3	1.3	< 30	6.3	3	1.7	1.0	< 0.1	1.03	22.1	1.4	1.1	0.2	< 10	< 0.2
A00058033	7.23	< 5	< 10	19	< 3	< 2	0.57	< 2	6.0	0.6	40	2.6	3	1.1	0.7	0.1	0.70	21.5	0.9	1.4	< 0.2	< 10	< 0.2
A00058034	7.28	< 5	< 10	380	< 3	< 2	0.66	< 2	2.5	0.4	40	2.4	5	0.3	0.2	0.1	0.73	30.7	0.4	1.5	< 0.2	< 10	< 0.2
A00058035	7.08	< 5	20	490	< 3	< 2	0.77	< 2	41.0	1.0	30	1.6	< 2	0.7	0.2	0.5	0.93	16.6	2.1	0.7	< 0.2	< 10	< 0.2
A00058036	8.23	< 5	< 10	365	< 3	< 2	3.38	< 2	70.5	12.7	70	2.2	23	1.6	0.7	1.5	2.60	20.5	3.5	1.1	0.3	< 10	< 0.2
A00058037	8.48	< 5	< 10	544	< 3	< 2	2.21	< 2	69.2	11.0	60	2.5	20	1.8	0.8	1.4	2.93	23.5	3.3	1.3	0.3	< 10	< 0.2
A00058038	9.48	< 5	10	838	< 3	< 2	2.76	< 2	75.8	20.9	140	2.9	19	2.2	1.1	1.5	4.38	27.8	3.6	2.4	0.4	< 10	< 0.2
A00058039	7.84	< 5	10	788	< 3	< 2	1.22	< 2	19.4	4.2	40	2.2	19	0.6	0.4	0.4	1.63	24.2	0.8	< 0.7	< 0.2	< 10	< 0.2
A00058040	8.71	< 5	30	768	< 3	< 2	1.65	< 2	80.4	13.5	140	4.8	33	2.1	1.1	1.6	4.35	23.2	3.7	1.2	0.5	< 10	< 0.2
A00058041	7.31	< 5	10	822	< 3	< 2	7.65	< 2	90.9	14.5	110	2.2	3	2.7	1.3	1.6	7.34	18.4	4.5	2.3	0.5	< 10	< 0.2
A00058042	8.56	< 5	20	1130	< 3	< 2	2.29	< 2	88.4	19.3	120	4.4	32	2.5	1.1	1.6	4.65	23.1	4.1	1.4	0.5	< 10	< 0.2
A00058043	8.72	< 5	70	1170	< 3	< 2	1.08	< 2	79.6	19.9	130	5.1	40	1.9	1.2	1.2	6.48	27.6	3.6	1.4	0.4	< 10	< 0.2
A00058051	8.16	< 5	< 10	40	3	11	0.12	< 2	4.2	0.3	30	24.7	< 2	0.7	0.4	< 0.1	0.67	39.0	0.9	3.1	< 0.2	< 10	< 0.2
A00058052	6.88	< 5	20	7	< 3	< 2	0.21	< 2	13.4	0.9	30	20.2	5	3.1	1.9	< 0.1	0.90	37.4	2.7	2.7	0.6	< 10	< 0.2
A00058053	7.64	< 5	< 10	8	< 3	4	0.14	< 2	7.0	0.4	40	15.2	3	4.6	2.3	< 0.1	0.96	34.2	2.9	2.5	0.7	< 10	< 0.2
A00058054	7.87	< 5	< 10	297	122	< 2	0.64	< 2	11.5	1.4	40	46.0	4	0.9	0.2	0.3	0.89	37.8	1.9	5.3	< 0.2	< 10	< 0.2
A00058055	7.23	< 5	10	195	4	3	0.18	< 2	17.2	1.3	30	14.4	8	3.0	1.6	0.2	0.58	20.9	1.8	2.9	0.6	< 10	< 0.2
A00058056	7.63	< 5	10	62	5	34	0.24	< 2	9.2	0.9	40	18.0	8	2.6	0.6	< 0.1	1.33	46.5	2.4	3.4	0.3	< 10	< 0.2
A00058057	7.87	< 5	20	15	23	2	0.06	< 2	1.6	0.5	30	25.7	8	< 0.3	< 0.1	< 0.1	0.79	47.1	0.3	4.0	< 0.2	< 10	< 0.2
A00058058	7.46	< 5	< 10	6	3	5	0.10	< 2	11.2	0.3	30	14.7	8	3.9	1.7	< 0.1	0.88	36.9	3.3	3.3	0.7	< 10	< 0.2
A00058059	7.47	< 5	20	56	6	< 2	0.12	< 2	8.3	0.6	< 30	17.3	6	1.3	0.5	< 0.1	0.80	44.0	1.3	3.1	< 0.2	< 10	< 0.2

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS S-MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS S-MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS S-MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS S-MS- Na2O2 ppm	In_FUS S-MS- Na2O2 ppm	
A00058060	7.35	< 5	10	5	4	3	0.07	< 2	3.6	0.6	< 30	50.1	4	0.8	0.5	< 0.1	0.74	51.8	0.7	2.7	< 0.2	< 10	< 0.2	
A00058061	7.77	< 5	60	90	49	18	0.41	< 2	4.7	1.2	50	46.7	5	1.1	0.2	< 0.1	0.91	48.3	2.0	4.8	< 0.2	< 10	< 0.2	
A00058062	7.50	< 5	< 10	47	6	13	0.14	< 2	3.9	0.6	< 30	132	5	0.4	< 0.1	< 0.1	0.80	47.8	0.7	3.4	< 0.2	< 10	< 0.2	
A00058063	7.36	< 5	< 10	22	14	8	0.08	< 2	5.9	0.4	< 30	34.8	3	1.1	0.1	< 0.1	0.84	48.6	2.0	3.7	< 0.2	< 10	< 0.2	
A00058064	7.67	< 5	< 10	25	9	8	0.18	< 2	5.2	0.4	30	41.3	4	1.2	0.3	< 0.1	0.73	41.5	2.0	3.8	< 0.2	< 10	< 0.2	
A00058065	6.56	< 5	< 10	651	< 3	9	0.91	< 2	27.3	1.7	30	4.1	19	1.1	0.5	0.8	0.92	20.8	2.0	1.8	0.2	< 10	< 0.2	
A00058066	7.72	< 5	250	149	31	< 2	0.54	< 2	11.1	2.2	50	64.0	4	0.7	0.3	0.2	1.50	50.5	1.7	3.7	< 0.2	< 10	< 0.2	
A00058067	7.25	< 5	< 10	97	4	< 2	0.15	< 2	3.8	0.4	30	6.3	7	0.4	< 0.1	< 0.1	0.74	49.8	0.7	3.1	< 0.2	< 10	< 0.2	
A00058068	7.64	< 5	< 10	62	33	< 2	0.10	< 2	3.4	0.6	30	11.4	< 2	1.2	0.4	< 0.1	0.85	38.3	1.5	3.0	< 0.2	< 10	< 0.2	
A00058070	7.05	< 5	< 10	30	18	3	0.04	< 2	1.2	0.3	< 30	42.6	3	< 0.3	< 0.1	< 0.1	0.44	29.7	0.3	3.4	< 0.2	< 10	< 0.2	
A00058071	8.93	< 5	< 10	171	29	< 2	0.12	< 2	2.8	0.4	60	111	10	0.3	< 0.1	0.1	0.68	60.8	0.4	4.8	< 0.2	< 10	< 0.2	
PTM-1a Meas		2240								> 5000			> 10000											
PTM-1a Cert		2200								20500.00			249600.00											
NIST 696 Meas	> 25.0										340													
NIST 696 Cert	28.9										321.0													
Oreas 74a (Fusion) Meas		53								576	1790		1210				13.8							
Oreas 74a (Fusion) Cert		50								581	1800.00		1240.000				13.7							
OREAS 101a (Fusion) Meas									1370	48.2			429	32.9	20.1	8.0	11.2		37.5		6.6			
OREAS 101a (Fusion) Cert									1400	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46			
NCS DC86303 Meas												336												
NCS DC86303 Cert												350												
NCS DC86304 Meas												1700												
NCS DC86304 Cert												1680												
NCS DC86314 Meas												2750												
NCS DC86314 Cert												2830												
CZN-4 Meas	0.06	354						2760		102			4150											
CZN-4 Cert	0.0715	356.0000						2604.0000		93.5			4030.0000											
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 10000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			255700																					
OREAS 922 (Peroxide Fusion) Meas	7.49			467		9	0.50		87.8	20.3	120	6.7	2240	6.2	3.4	1.5	5.81	18.8	6.6		1.1	< 10	0.3	
OREAS 922 (Peroxide Fusion) Cert	7.59			481		10	0.49		88.0	20.9	90	7.5	2220	5.75	3.38	1.52	5.71	21.2	6.94		1.20	5.93	0.3	
OREAS 621 (Peroxide Fusion) Meas	6.61	88		2600	< 3	4	2.05	292	53.1	30.5	90	3.2	3760				3.82	28.4					2.0	
OREAS 621 (Peroxide Fusion)	6.63	85		2610	2	4	2.00	295	52.0	31.4	50	3.6	3680				3.71	26.5					1.9	

Results

Activation Laboratories Ltd.

Report: A22-08838

Analyte Symbol	Al_FUS S-MS- Na2O2 %	As_FU S-MS- Na2O2 ppm	B_FUS- MS- Na2O2 ppm	Ba_FU S-MS- Na2O2 ppm	Be_FU S-MS- Na2O2 ppm	Bi_FUS -MS- Na2O2 ppm	Ca_FU S- Na2O2 %	Cd_FU S-MS- Na2O2 ppm	Ce_FU S-MS- Na2O2 ppm	Co_FU S-MS- Na2O2 ppm	Cr_FUS -MS- Na2O2 ppm	Cs_FU S-MS- Na2O2 ppm	Cu_FU S-MS- Na2O2 ppm	Dy_FU S-MS- Na2O2 ppm	Er_FUS -MS- Na2O2 ppm	Eu_FU S-MS- Na2O2 ppm	Fe_FU S- Na2O2 %	Ga_FU S-MS- Na2O2 ppm	Gd_FU S-MS- Na2O2 ppm	Ge_FU S-MS- Na2O2 ppm	Ho_FU S-MS- Na2O2 ppm	Hf_FUS -MS- Na2O2 ppm	In_FUS -MS- Na2O2 ppm	
Cert																								
CCU-1e Meas	0.13	1130						75		318			> 10000				> 30.0							
CCU-1e Cert	0.139	1010						74.2		301			229000				30.7							
OREAS 680 (Peroxide Fusion) Meas	7.09	121		696		< 2	5.80	8	39.2	326	2090	4.1	8910	3.3	1.8	1.3	12.0	16.4	3.5		0.6			
OREAS 680 (Peroxide Fusion) Cert	7.19	120		649		1.66	5.80	8.18	38.7	334	2140	3.94	9040	3.07	1.74	1.30	11.9	16.5	3.77		0.580			
OREAS 139 (Peroxide Fusion) Meas	3.69	323			3	7	1.23	275	50.8	25.1			267		1.7		11.9	10.4						0.6
OREAS 139 (Peroxide Fusion) Cert	3.70	332			3.17	6.64	1.20	296	49.4	26.0			274		1.69		11.9	10.2						0.690
OREAS 124 (Peroxide Fusion) Meas	4.54							0.08									1.57							
OREAS 124 (Peroxide Fusion) Cert	4.62							0.0880									1.56							
AMIS 0346 (Peroxide Fusion) Meas																	> 30.0							
AMIS 0346 (Peroxide Fusion) Cert																	44.3							
NCS DC73520 Meas		5				8		< 2		13.5	50		46								6.3			
NCS DC73520 Cert		5				7		0.5		12.9	20		46								6.0			
OREAS 148 (Peroxide Fusion) Meas	5.28							0.90									3.14							
OREAS 148 (Peroxide Fusion) Cert	5.37							0.90									3.06							
A00058010 Orig	5.59	< 5	20	16	< 3	2	0.25	< 2	6.8	0.7	50	17.0	< 2	2.7	1.6	< 0.1	0.66	18.8	2.4	2.2	0.5	< 10	< 0.2	
A00058010 Dup	5.62	< 5	20	15	< 3	< 2	0.27	< 2	7.4	< 0.2	< 30	15.2	< 2	2.2	1.5	< 0.1	0.67	15.7	1.7	2.2	0.5	< 10	< 0.2	
A00058020 Orig	7.60	< 5	20	27	4	6	0.22	< 2	18.4	< 0.2	< 30	11.5	< 2	5.8	4.0	< 0.1	0.93	33.0	3.7	4.1	1.2	< 10	< 0.2	
A00058020 Dup	7.44	< 5	40	25	3	6	0.26	< 2	18.5	< 0.2	< 30	12.3	< 2	5.5	4.0	< 0.1	0.92	29.8	3.2	3.8	1.2	< 10	< 0.2	
A00058030 Orig	7.97	< 5	< 10	14	6	8	0.29	< 2	4.5	0.5	30	38.0	2	1.6	0.9	< 0.1	1.08	49.6	1.2	3.4	0.3	< 10	< 0.2	
A00058030 Dup	7.95	< 5	< 10	15	6	11	0.28	< 2	4.6	0.4	30	37.1	2	1.8	1.0	< 0.1	1.10	44.2	1.1	3.1	0.3	< 10	< 0.2	
A00058040 Orig	8.71	< 5	30	768	< 3	< 2	1.65	< 2	80.4	13.5	140	4.8	33	2.1	1.1	1.6	4.35	23.2	3.7	1.2	0.5	< 10	< 0.2	
A00058040 Dup	8.80	< 5	30	770	< 3	< 2	1.62	< 2	82.3	14.0	140	5.1	34	2.2	1.4	1.5	4.28	25.8	3.6	2.3	0.4	< 10	< 0.2	
A00058057 Orig	7.87	< 5	20	15	23	2	0.06	< 2	1.6	0.5	30	25.7	8	< 0.3	< 0.1	< 0.1	0.79	47.1	0.3	4.0	< 0.2	< 10	< 0.2	
A00058057 Dup	7.78	< 5	20	16	22	2	0.05	< 2	1.7	0.4	30	26.7	9	< 0.3	< 0.1	< 0.1	0.78	45.4	0.3	3.6	< 0.2	< 10	< 0.2	
A00058067 Orig	7.25	< 5	< 10	97	4	< 2	0.15	< 2	3.8	0.4	30	6.3	7	0.4	< 0.1	< 0.1	0.74	49.8	0.7	3.1	< 0.2	< 10	< 0.2	
A00058067 Dup	7.39	< 5	< 10	100	5	< 2	0.13	< 2	3.2	0.3	< 30	7.3	13	0.4	< 0.1	< 0.1	0.75	46.1	0.5	3.1	< 0.2	< 10	< 0.2	
A00058071 Orig	8.93	< 5	< 10	171	29	< 2	0.12	< 2	2.8	0.4	60	111	10	0.3	< 0.1	0.1	0.68	60.8	0.4	4.8	< 0.2	< 10	< 0.2	
A00058071 Dup	8.85	< 5	< 10	164	33	< 2	0.11	< 2	2.9	0.7	< 30	108	14	< 0.3	< 0.1	0.1	0.68	60.9	0.8	4.1	< 0.2	< 10	< 0.2	
Method Blank	< 0.01						< 0.01										< 0.05							
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.2	< 30	0.2	2	< 0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	0.2	< 30	0.2	< 2	< 0.3	< 0.1	< 0.1		< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	0.4	< 30	0.2	< 2	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	0.4	< 30	0.1	< 2	< 0.3	< 0.1	< 0.1		0.3	< 0.1	< 0.7	< 0.2	< 10	< 0.2	
Method Blank	< 0.01	< 5	< 10	< 3	< 3	< 2	0.07	< 2	< 0.8	0.5	30	0.1	< 2	< 0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.1	< 0.7	< 0.2	< 10	< 0.2	

Results

Activation Laboratories Ltd.

Report: A22-08838

Analyte Symbol	Al_FUS - Na2O2 %	As_FUS - MS - Na2O2 ppm	B_FUS - MS - Na2O2 ppm	Ba_FUS - MS - Na2O2 ppm	Be_FUS - MS - Na2O2 ppm	Bi_FUS - MS - Na2O2 ppm	Ca_FUS - MS - Na2O2 %	Cd_FUS - MS - Na2O2 ppm	Ce_FUS - MS - Na2O2 ppm	Co_FUS - MS - Na2O2 ppm	Cr_FUS - MS - Na2O2 ppm	Cs_FUS - MS - Na2O2 ppm	Cu_FUS - MS - Na2O2 ppm	Dy_FUS - MS - Na2O2 ppm	Er_FUS - MS - Na2O2 ppm	Eu_FUS - MS - Na2O2 ppm	Fe_FUS - MS - Na2O2 %	Ga_FUS - MS - Na2O2 ppm	Gd_FUS - MS - Na2O2 ppm	Ge_FUS - MS - Na2O2 ppm	Ho_FUS - MS - Na2O2 ppm	Hf_FUS - MS - Na2O2 ppm	In_FUS - MS - Na2O2 ppm
Method Blank		< 5	< 10	< 3	< 3	< 2		< 2	< 0.8	0.6	30	< 0.1	< 2	< 0.3	< 0.1	< 0.1		< 0.2	< 0.1	< 0.7	< 0.2	< 10	< 0.2

Analyte Symbol	K_FUS - Na2O2 %	La_FUS - MS - Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FUS - MS - Na2O2 %	Mn_FUS - MS - Na2O2 ppm	Mo_FUS - MS - Na2O2 ppm	Nb_FUS - MS - Na2O2 ppm	Nd_FUS - MS - Na2O2 ppm	Ni_FUS - MS - Na2O2 ppm	Pb_FUS - MS - Na2O2 ppm	Pr_FUS - MS - Na2O2 ppm	Rb_FUS - MS - Na2O2 ppm	S_FUS - Na2O2 %	Sb_FUS - MS - Na2O2 ppm	Se_FUS - MS - Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FUS - MS - Na2O2 ppm	Sn_FUS - MS - Na2O2 ppm	Sr_FUS - MS - Na2O2 ppm	Ta_FUS - MS - Na2O2 ppm	Tb_FUS - MS - Na2O2 ppm	Te_FUS - MS - Na2O2 ppm	Th_FUS - MS - Na2O2 ppm
A00058001	2.2	25.9	24	0.05	342	1	13.2	28.8	< 10	36.1	7.7	189	< 0.01	< 2	< 8	> 30.0	8.3	3.6	68	1.9	1.5	< 6	32.0
A00058002	3.0	5.3	< 15	0.04	172	2	37.7	5.7	< 10	26.0	1.3	271	0.06	< 2	< 8	> 30.0	1.8	6.7	28	3.5	0.3	< 6	4.5
A00058003	2.6	6.8	44	0.03	169	2	24.1	7.7	20	27.8	2.0	264	< 0.01	< 2	< 8	> 30.0	2.3	4.3	42	3.2	0.7	< 6	11.2
A00058004	5.7	1.6	< 15	0.03	114	2	32.1	2.0	< 10	55.6	0.5	636	< 0.01	< 2	< 8	> 30.0	0.8	4.2	38	5.8	0.3	< 6	5.1
A00058005	3.2	4.7	< 15	0.03	974	9	52.2	6.7	< 10	31.8	1.4	305	< 0.01	< 2	< 8	> 30.0	2.5	5.8	28	8.3	0.8	< 6	9.4
A00058006	2.8	7.7	< 15	0.02	69	2	18.9	7.1	< 10	11.5	1.8	284	< 0.01	< 2	< 8	> 30.0	1.9	1.2	46	3.6	0.4	< 6	11.6
A00058007	1.9	4.1	< 15	0.03	220	3	8.6	3.3	< 10	20.8	0.9	111	0.01	< 2	< 8	> 30.0	0.7	2.4	64	1.2	0.1	< 6	8.1
A00058008	2.4	4.0	< 15	0.01	884	2	69.9	4.2	< 10	22.5	1.2	268	< 0.01	< 2	< 8	> 30.0	1.9	5.1	20	12.2	0.5	< 6	6.4
A00058009	2.2	12.3	< 15	0.03	4850	2	116.7	19.7	< 10	19.2	5.0	222	< 0.01	< 2	10	> 30.0	7.4	15.8	59	17.3	2.2	< 6	11.2
A00058010	2.6	3.3	< 15	0.02	178	3	16.8	3.9	10	20.9	0.9	301	< 0.01	< 2	< 8	> 30.0	1.3	2.8	21	2.6	0.4	< 6	5.6
A00058011	4.5	5.5	59	0.04	138	2	35.3	6.3	20	28.6	1.7	496	< 0.01	< 2	< 8	> 30.0	2.1	4.4	16	3.6	0.5	< 6	6.5
A00058012	1.3	3.6	39	0.04	411	< 1	25.5	3.7	< 10	16.5	1.1	159	< 0.01	< 2	< 8	> 30.0	1.1	14.9	15	3.3	0.4	< 6	11.5
A00058013	2.3	3.0	< 15	0.02	466	5	169.0	2.6	30	29.8	0.5	232	< 0.01	< 2	< 8	> 30.0	1.5	4.3	17	14.0	0.6	< 6	17.0
A00058014	4.7	1.6	45	0.05	121	4	18.3	1.8	50	20.1	0.5	499	< 0.01	< 2	< 8	> 30.0	1.1	13.9	15	1.5	0.2	< 6	2.9
A00058015	2.4	2.6	18	0.05	562	4	63.5	2.6	< 10	10.7	0.6	808	< 0.01	< 2	< 8	> 30.0	1.2	13.8	29	50.3	0.2	< 6	3.8
A00058016	3.6	3.3	21	0.05	1070	2	33.9	4.9	< 10	13.9	1.1	436	< 0.01	< 2	< 8	> 30.0	1.5	16.6	33	4.0	0.4	< 6	6.2
A00058017	2.8	3.2	50	0.04	232	1	45.8	2.8	< 10	17.8	0.7	411	< 0.01	< 2	< 8	> 30.0	1.2	5.8	16	4.5	0.2	< 6	3.0
A00058018	1.3	8.4	34	0.09	2560	36	70.7	8.1	< 10	15.8	2.2	186	< 0.01	< 2	< 8	> 30.0	2.7	4.8	59	10.0	0.8	< 6	8.1
A00058019	6.2	1.0	83	0.04	133	5	44.4	1.3	< 10	20.3	0.4	813	< 0.01	< 2	< 8	> 30.0	0.7	7.3	17	8.1	0.2	< 6	2.7
A00058020	1.9	6.9	18	0.02	2460	6	84.7	8.7	< 10	27.9	2.4	254	< 0.01	< 2	< 8	> 30.0	2.8	3.2	13	10.8	0.9	< 6	8.6
A00058021	2.4	2.6	67	0.06	1810	6	77.1	3.5	50	8.1	1.1	554	< 0.01	< 2	< 8	> 30.0	1.7	15.9	13	7.3	0.5	< 6	4.9
A00058022	1.6	1.9	26	0.02	2280	4	44.8	3.0	< 10	7.3	0.7	386	< 0.01	< 2	< 8	> 30.0	1.5	7.2	16	12.1	0.4	< 6	5.6
A00058023	3.9	2.4	21	0.02	649	2	55.6	2.9	< 10	11.3	0.8	786	< 0.01	< 2	< 8	> 30.0	1.1	9.5	13	7.7	0.2	< 6	3.9
A00058024	1.9	3.3	36	0.03	1780	1	32.2	3.9	10	4.7	1.2	323	< 0.01	< 2	< 8	> 30.0	1.4	3.3	13	4.1	0.4	< 6	4.5
A00058025	3.5	2.9	28	0.04	389	< 1	65.9	3.7	< 10	12.0	1.0	549	< 0.01	< 2	< 8	> 30.0	1.4	16.2	70	7.2	0.3	< 6	5.3
A00058026	3.9	1.2	18	0.02	1170	1	73.7	2.2	< 10	6.5	0.5	699	< 0.01	< 2	< 8	> 30.0	0.7	8.5	39	31.5	0.2	< 6	5.1
A00058027	2.4	1.3	43	0.02	442	2	81.8	1.4	20	1.6	0.5	455	< 0.01	< 2	< 8	> 30.0	0.8	37.1	14	9.6	0.1	< 6	2.5
A00058028	2.2	0.7	< 15	0.02	561	< 1	81.3	1.6	10	3.8	0.3	803	< 0.01	< 2	< 8	> 30.0	0.7	14.7	29	40.2	0.1	< 6	4.7
A00058029	3.0	6.0	< 15	0.16	106	3	< 2.4	5.5	10	18.8	1.4	70.7	< 0.01	< 2	< 8	> 30.0	0.9	1.4	630	0.6	< 0.1	< 6	2.4
A00058030	4.8	2.4	< 15	0.03	2480	< 1	75.5	1.7	10	18.7	0.5	345	0.01	< 2	< 8	> 30.0	0.8	7.0	24	16.9	0.2	< 6	7.4
A00058031	5.6	1.2	< 15	0.01	53	< 1	< 2.4	0.7	< 10	39.8	0.2	237	< 0.01	< 2	< 8	> 30.0	0.2	1.4	32	1.0	< 0.1	< 6	2.0
A00058032	3.5	4.4	< 15	0.08	120	1	3.5	3.4	< 10	18.1	0.9	213	< 0.01	< 2	< 8	> 30.0	1.1	2.8	33	0.7	0.3	< 6	6.7
A00058033	3.4	3.2	< 15	0.04	80	< 1	4.2	2.1	10	21.0	0.6	144	< 0.01	< 2	< 8	> 30.0	0.8	2.3	37	0.7	0.2	< 6	4.0
A00058034	3.1	1.0	< 15	0.03	106	< 1	2.6	1.2	10	12.4	0.3	92.5	< 0.01	< 2	< 8	> 30.0	0.3	1.2	115	1.6	< 0.1	< 6	1.4
A00058035	4.2	22.4	16	0.08	100	2	< 2.4	17.7	10	29.7	4.5	131	< 0.01	< 2	< 8	> 30.0	2.9	0.7	187	0.3	0.2	< 6	31.8
A00058036	1.4	31.2	21	1.16	423	3	3.7	35.3	40	4.8	9.0	35.9	< 0.01	< 2	< 8	> 30.0	5.1	1.3	648	0.5	0.4	< 6	3.6
A00058037	1.7	34.7	21	1.15	407	2	4.5	32.2	40	5.0	7.9	44.5	0.04	< 2	< 8	> 30.0	4.7	0.8	684	0.9	0.4	< 6	4.6
A00058038	2.1	37.2	25	0.97	795	3	6.7	35.1	60	20.6	9.0	86.2	0.02	< 2	< 8	29.0	5.2	1.8	575	0.6	0.5	< 6	9.2
A00058039	3.4	9.7	21	0.55	228	2	4.3	8.8	20	5.6	2.3	77.9	< 0.01	< 2	< 8	> 30.0	1.4	0.9	374	0.4	0.2	< 6	2.8
A00058040	2.0	43.4	31	1.13	606	4	6.2	38.9	40	18.0	10.0	81.8	0.02	< 2	< 8	> 30.0	5.8	3.6	503	0.6	0.5	< 6	8.0
A00058041	1.2	44.0	< 15	1.57	1440	< 1	4.9	42.8	60	12.7	10.3	49.1	< 0.01	< 2	< 8	21.8	6.3	1.7	1240	0.6	0.6	< 6	8.0
A00058042	2.1	42.8	32	1.25	580	3	5.9	39.9	60	18.0	10.5	82.3	< 0.01	< 2	< 8	29.3	6.9	1.7	855	0.8	0.5	< 6	9.8
A00058043	3.2	38.5	35	1.32	434	2	6.7	33.3	70	17.4	9.5	118	< 0.01	< 2	< 8	27.6	5.4	2.7	373	1.1	0.5	< 6	13.7
A00058051	4.5	1.7	43	0.03	371	< 1	90.6	2.0	< 10	9.7	0.5	746	0.01	< 2	< 8	> 30.0	0.6	6.3	16	16.3	0.2	< 6	3.6
A00058052	3.5	5.9	57	0.06	227	< 1	69.8	5.7	10	25.3	1.5	413	< 0.01	< 2	< 8	> 30.0	1.8	11.6	14	5.3	0.5	< 6	9.1
A00058053	2.8	2.9	23	0.03	2060	< 1	52.1	4.1	30	9.1	1.0	448	< 0.01	< 2	< 8	> 30.0	1.6	6.4	16	7.3	0.7	< 6	6.0
A00058054	2.7	5.7	32	0.13	1630	1	74.1	6.0	10	9.1	1.4	647	< 0.01	< 2	< 8	> 30.0	2.2	13.7	214	48.2	0.2	< 6	6.9

Results

Activation Laboratories Ltd.

Report: A22-08838

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm	
A00058055	4.6	8.0	< 15	0.04	99	15	20.7	7.0	10	27.5	1.9	431	< 0.01	< 2	< 8	> 30.0	1.3	2.8	93	7.1	0.4	< 6	16.3	
A00058056	1.7	3.4	20	0.05	3090	< 1	89.3	5.2	30	3.1	1.3	423	< 0.01	< 2	< 8	> 30.0	2.7	6.3	41	12.3	0.5	< 6	9.1	
A00058057	2.7	0.7	20	0.02	539	2	89.9	0.8	30	5.6	0.2	813	< 0.01	< 2	< 8	> 30.0	0.3	11.6	35	32.2	< 0.1	< 6	2.1	
A00058058	2.5	3.6	< 15	0.02	2720	2	86.0	5.8	< 10	3.8	1.4	556	< 0.01	< 2	< 8	> 30.0	2.3	6.4	17	20.3	0.7	< 6	4.5	
A00058059	2.6	3.3	51	0.04	1290	1	67.9	3.6	10	3.0	1.1	591	< 0.01	< 2	< 8	> 30.0	1.8	8.7	36	16.1	0.2	< 6	3.6	
A00058060	2.6	1.3	19	0.04	573	3	67.9	1.7	20	2.9	0.5	611	< 0.01	< 2	< 8	> 30.0	0.9	17.9	11	7.0	0.1	< 6	2.9	
A00058061	5.0	2.3	< 15	0.02	1780	2	64.2	2.5	50	5.2	0.5	880	< 0.01	< 2	< 8	> 30.0	1.2	2.6	49	40.9	0.2	< 6	4.4	
A00058062	3.0	1.8	59	0.04	961	< 1	62.2	2.4	< 10	4.0	0.6	899	0.01	< 2	9	> 30.0	0.9	14.1	48	15.6	< 0.1	< 6	2.3	
A00058063	2.5	1.6	41	0.02	1510	2	84.8	2.9	< 10	17.0	0.7	894	< 0.01	< 2	< 8	> 30.0	1.7	32.4	23	20.1	0.3	< 6	4.7	
A00058064	2.3	2.0	22	0.01	2280	2	119.1	2.9	10	11.6	0.7	719	< 0.01	< 2	< 8	> 30.0	1.8	8.9	33	42.0	0.3	< 6	6.0	
A00058065	2.4	14.8	< 15	0.13	114	1	6.1	12.1	10	33.9	3.2	57.7	0.02	< 2	< 8	> 30.0	1.8	1.0	356	2.0	0.3	< 6	8.4	
A00058066	2.2	4.9	34	0.16	1830	1	68.3	5.9	20	7.2	1.5	669	0.02	< 2	< 8	> 30.0	1.9	15.9	178	35.9	0.2	< 6	3.6	
A00058067	1.2	1.4	25	0.02	927	< 1	79.0	2.2	20	2.6	0.5	255	< 0.01	< 2	< 8	> 30.0	0.7	8.5	182	15.1	< 0.1	< 6	3.9	
A00058068	1.2	1.1	< 15	0.02	2590	2	76.2	2.0	< 10	9.5	0.6	282	< 0.01	< 2	< 8	> 30.0	1.0	10.1	26	50.8	0.3	< 6	5.1	
A00058070	2.6	0.5	< 15	< 0.01	521	< 1	44.7	0.7	10	6.2	0.1	1270	< 0.01	< 2	< 8	> 30.0	0.4	3.9	30	38.7	< 0.1	< 6	1.9	
A00058071	5.2	1.9	< 15	0.03	411	5	180.4	1.9	10	7.6	0.5	2170	< 0.01	< 2	< 8	> 30.0	0.6	29.9	98	114	0.1	< 6	5.0	
PTM-1a Meas									> 10000				22.4											
PTM-1a Cert									474400.00				22.4											
NIST 696 Meas																								
NIST 696 Cert																								
Oreas 74a (Fusion) Meas									> 10000				7.37			14.2								
Oreas 74a (Fusion) Cert									32400.00				7.25			15.14								
OREAS 101a (Fusion) Meas	2.2	859		1.20	984	20		408			133						49.0				5.9		35.8	
OREAS 101a (Fusion) Cert	2.34	816		1.23	964	22		403			134						48.8				5.92		36.6	
NCS DC86303 Meas			2080									1320												
NCS DC86303 Cert			2100									1330												
NCS DC86304 Meas			10200									> 5000						107						
NCS DC86304 Cert			10600.00									6730						97.1						
NCS DC86314 Meas			17500									> 5000						158						
NCS DC86314 Cert			18100.00									11400						152						
CZN-4 Meas										1810			> 25.0		90	0.28								
CZN-4 Cert										1861.0000			33.07		86.7	0.295								
Lithium Tetraborate FX-LT 100 lot#220610B Meas			> 50000																					
Lithium Tetraborate FX-LT 100 lot#220610B Cert			82100																					
OREAS 922 (Peroxide Fusion) Meas	2.5	47.0	31	1.59	875		13.6	39.9	50	64.0	10.5	164	0.37			29.3	7.2	11.8	64	1.3	1.0		17.4	
OREAS 922 (Peroxide Fusion)	2.60	45.6	29	1.61	880		15.2	38.9	40	64.0	10.6	167	0.389			30.51	7.31	10.0	58.0	1.3	1.02		17.7	

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
Cert																							
OREAS 621 (Peroxide Fusion) Meas	2.2	29.4		0.52	575	17	10.9	24.0		> 5000	5.8	87.2	4.44	141		28.2			107				8.6
OREAS 621 (Peroxide Fusion) Cert	2.23	26.1		0.516	554	14	10.4	24.2		13300	6.64	89.0	4.51	146		28.1			101				8.6
CCU-1e Meas				0.73	104					> 5000			> 25.0	111									62
CCU-1e Cert				0.706	96.0					7030			35.3	104									61.8
OREAS 680 (Peroxide Fusion) Meas	1.2	19.1	< 15	3.74	1200		5.5	22.2	> 10000	2550	5.0	75.3	5.10	18		20.1	4.3		419		0.5		6.8
OREAS 680 (Peroxide Fusion) Cert	1.29	18.6	14.5	3.71	1240		5.09	20.8	21500	2580	4.99	76.0	5.14	19.7		20.6	4.26		420		0.550		6.73
OREAS 139 (Peroxide Fusion) Meas	3.3	25.1	40	0.49	6390	12				> 5000		133	16.0	60		16.6			491		0.6		8.0
OREAS 139 (Peroxide Fusion) Cert	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479		0.500		7.54
OREAS 124 (Peroxide Fusion) Meas	2.6			0.22												> 30.0							
OREAS 124 (Peroxide Fusion) Cert	2.62			0.224												38.2							
AMIS 0346 (Peroxide Fusion) Meas																							
AMIS 0346 (Peroxide Fusion) Cert																							
NCS DC73520 Meas					8830	1620			70	12.0			0.43	< 2					5.2				
NCS DC73520 Cert					9100	1500			50	10.5			0.44	0.6					4.5				
OREAS 148 (Peroxide Fusion) Meas	1.5		4690	0.47												> 30.0							
OREAS 148 (Peroxide Fusion) Cert	1.5		4760	0.47												36.0							
A00058010 Orig	2.6	3.3	< 15	0.02	178	3	16.8	3.9	10	20.9	0.9	301	< 0.01	< 2	< 8	> 30.0	1.3	2.8	21	2.6	0.4	< 6	5.6
A00058010 Dup	2.6	3.2	< 15	0.02	155	3	16.0	4.1	< 10	17.8	1.0	262	< 0.01	< 2	< 8	> 30.0	1.2	2.7	19	2.3	0.4	< 6	5.6
A00058020 Orig	1.9	6.9	18	0.02	2460	6	84.7	8.7	< 10	27.9	2.4	254	< 0.01	< 2	< 8	> 30.0	2.8	3.2	13	10.8	0.9	< 6	8.6
A00058020 Dup	1.9	7.2	21	0.02	2520	1	83.0	8.6	< 10	14.8	2.6	263	< 0.01	< 2	< 8	> 30.0	3.0	3.5	15	11.1	0.8	< 6	8.2
A00058030 Orig	4.8	2.4	< 15	0.03	2480	< 1	75.5	1.7	10	18.7	0.5	345	0.01	< 2	< 8	> 30.0	0.8	7.0	24	16.9	0.2	< 6	7.4
A00058030 Dup	4.8	2.2	< 15	0.03	2490	< 1	68.5	1.6	< 10	17.7	0.4	346	0.01	< 2	< 8	> 30.0	0.6	6.2	25	17.5	0.3	< 6	7.5
A00058040 Orig	2.0	43.4	31	1.13	606	4	6.2	38.9	40	18.0	10.0	81.8	0.02	< 2	< 8	> 30.0	5.8	3.6	503	0.6	0.5	< 6	8.0
A00058040 Dup	2.1	44.5	31	1.11	613	3	6.1	38.2	40	17.7	9.8	85.8	0.02	< 2	< 8	> 30.0	5.3	1.4	503	0.5	0.5	< 6	8.5
A00058057 Orig	2.7	0.7	20	0.02	539	2	89.9	0.8	30	5.6	0.2	813	< 0.01	< 2	< 8	> 30.0	0.3	11.6	35	32.2	< 0.1	< 6	2.1
A00058057 Dup	2.7	0.7	21	0.02	536	< 1	89.6	1.2	10	5.3	0.3	852	< 0.01	< 2	< 8	> 30.0	0.6	12.7	32	31.2	< 0.1	< 6	2.1
A00058067 Orig	1.2	1.4	25	0.02	927	< 1	79.0	2.2	20	2.6	0.5	255	< 0.01	< 2	< 8	> 30.0	0.7	8.5	182	15.1	< 0.1	< 6	3.9
A00058067 Dup	1.2	1.3	25	0.02	896	3	79.2	1.6	10	2.3	0.4	256	< 0.01	< 2	< 8	> 30.0	0.7	7.9	180	15.2	< 0.1	< 6	3.5
A00058071 Orig	5.2	1.9	< 15	0.03	411	5	180.4	1.9	10	7.6	0.5	2170	< 0.01	< 2	< 8	> 30.0	0.6	29.9	98	114	0.1	< 6	5.0
A00058071 Dup	5.1	2.0	< 15	0.03	404	< 1	181.6	2.4	< 10	8.3	0.5	2150	< 0.01	< 2	< 8	> 30.0	0.7	27.8	95	111	< 0.1	< 6	5.2
Method Blank	< 0.1		< 15	< 0.01									< 0.01			< 0.01							

Analyte Symbol	K_FUS- Na2O2 _%	La_FU S-MS- Na2O2 ppm	Li_FUS - Na2O2 ppm	Mg_FU S- Na2O2 %	Mn_FU S-MS- Na2O2 ppm	Mo_FU S-MS- Na2O2 ppm	Nb_FU S-MS- Na2O2 ppm	Nd_FU S-MS- Na2O2 ppm	Ni_FUS -MS- Na2O2 ppm	Pb_FU S-MS- Na2O2 ppm	Pr_FUS -MS- Na2O2 ppm	Rb_FU S-MS- Na2O2 ppm	S_FUS- Na2O2 _%	Sb_FU S-MS- Na2O2 ppm	Se_FU S-MS- Na2O2 ppm	Si_FUS - Na2O2 %	Sm_FU S-MS- Na2O2 ppm	Sn_FU S-MS- Na2O2 ppm	Sr_FUS -MS- Na2O2 ppm	Ta_FU S-MS- Na2O2 ppm	Tb_FU S-MS- Na2O2 ppm	Te_FU S-MS- Na2O2 ppm	Th_FU S-MS- Na2O2 ppm
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	2	< 2.4	< 0.4	< 10	4.4	< 0.1	1.0	< 0.01	< 2	< 8	< 0.01	< 0.1	0.9	11	0.3	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	10	2.2	< 0.1	1.3		< 2	< 8		< 0.1	0.9	10	0.4	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	< 3	< 1	< 2.4	< 0.4	10	1.6	< 0.1	1.0	< 0.01	< 2	< 8	< 0.01	< 0.1	1.1	10	0.5	< 0.1	< 6	< 0.1
Method Blank		< 0.4			< 3	< 1	< 2.4	< 0.4	10	< 0.8	< 0.1	1.0		< 2	< 8		< 0.1	1.1	10	0.5	< 0.1	< 6	< 0.1
Method Blank	< 0.1	< 0.4	< 15	< 0.01	4	1	< 2.4	< 0.4	20	4.6	< 0.1	0.6	< 0.01	< 2	< 8	< 0.01	< 0.1	1.2	12	1.0	< 0.1	< 6	< 0.1
Method Blank		< 0.4			4	< 1	< 2.4	< 0.4	20	2.2	< 0.1	0.8		< 2	< 8		< 0.1	0.9	12	0.4	< 0.1	< 6	< 0.1

Analyte Symbol	Ti_FUS - Na2O2 %	Ti_FUS -MS- Na2O2 ppm	Tm_FU S-MS- Na2O2 ppm	U_FUS- MS- Na2O2 %	V_FUS- MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS- MS- Na2O2 ppm	Yb_FU S-MS- Na2O2 ppm	Zn_FU S-MS- Na2O2 ppm	Certific ate	Date_R eceived	Date_Fi nalized
A00058001	0.03	1.3	1.4	7.3	< 5	1.4	91.5	12.1	30	A22-08838	2022-06-27	2022-08-24
A00058002	0.02	1.4	0.2	4.2	< 5	2.4	16.7	1.9	< 30	A22-08838	2022-06-27	2022-08-24
A00058003	0.02	1.8	0.6	16.8	< 5	1.2	37.7	4.3	30	A22-08838	2022-06-27	2022-08-24
A00058004	0.02	4.1	0.3	9.0	< 5	0.9	14.1	1.7	30	A22-08838	2022-06-27	2022-08-24
A00058005	0.02	1.9	0.6	8.8	< 5	1.7	39.6	5.9	30	A22-08838	2022-06-27	2022-08-24
A00058006	< 0.01	1.6	0.2	3.0	< 5	1.4	14.3	1.7	< 30	A22-08838	2022-06-27	2022-08-24
A00058007	0.03	0.6	< 0.1	3.9	< 5	1.5	3.6	0.4	30	A22-08838	2022-06-27	2022-08-24
A00058008	0.02	1.7	0.4	5.6	< 5	2.2	21.0	2.9	< 30	A22-08838	2022-06-27	2022-08-24
A00058009	0.02	1.5	1.8	3.8	< 5	3.1	115	15.7	30	A22-08838	2022-06-27	2022-08-24
A00058010	0.01	1.9	0.3	20.9	< 5	0.8	21.1	2.4	30	A22-08838	2022-06-27	2022-08-24
A00058011	0.02	3.1	0.3	4.6	< 5	2.4	18.2	2.0	40	A22-08838	2022-06-27	2022-08-24
A00058012	0.01	0.8	0.2	2.5	< 5	2.8	17.6	2.0	70	A22-08838	2022-06-27	2022-08-24
A00058013	0.03	1.6	0.6	46.5	< 5	3.0	22.3	5.0	< 30	A22-08838	2022-06-27	2022-08-24
A00058014	0.01	3.0	0.1	2.0	< 5	3.1	10.1	0.9	30	A22-08838	2022-06-27	2022-08-24
A00058015	< 0.01	3.7	< 0.1	4.9	5	4.7	3.2	0.1	70	A22-08838	2022-06-27	2022-08-24
A00058016	0.01	2.1	0.2	5.7	< 5	2.7	12.6	1.2	50	A22-08838	2022-06-27	2022-08-24
A00058017	0.01	2.3	< 0.1	3.3	< 5	3.4	8.5	0.9	50	A22-08838	2022-06-27	2022-08-24
A00058018	0.02	0.7	0.5	15.0	< 5	2.7	33.6	5.1	40	A22-08838	2022-06-27	2022-08-24
A00058019	< 0.01	5.0	0.1	3.7	< 5	3.6	8.7	1.1	30	A22-08838	2022-06-27	2022-08-24
A00058020	0.01	1.8	0.8	5.7	< 5	3.5	44.3	7.1	30	A22-08838	2022-06-27	2022-08-24
A00058021	0.02	2.8	0.2	3.5	< 5	6.2	18.0	1.7	50	A22-08838	2022-06-27	2022-08-24
A00058022	< 0.01	2.2	0.2	10.5	< 5	2.6	13.2	1.2	60	A22-08838	2022-06-27	2022-08-24
A00058023	< 0.01	5.0	< 0.1	3.4	< 5	2.6	6.7	0.7	< 30	A22-08838	2022-06-27	2022-08-24
A00058024	< 0.01	1.9	0.2	9.3	< 5	2.5	13.6	2.0	40	A22-08838	2022-06-27	2022-08-24

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
A00058025	0.02	3.4	0.2	2.1	< 5	2.0	13.1	2.0	< 30	A22-08838	2022-06-27	2022-08-24
A00058026	< 0.01	4.7	< 0.1	3.7	< 5	2.6	4.6	0.3	60	A22-08838	2022-06-27	2022-08-24
A00058027	< 0.01	3.0	< 0.1	2.4	< 5	3.0	2.2	0.3	30	A22-08838	2022-06-27	2022-08-24
A00058028	< 0.01	5.4	< 0.1	3.6	< 5	2.7	2.9	0.3	< 30	A22-08838	2022-06-27	2022-08-24
A00058029	0.07	0.5	< 0.1	2.3	14	1.3	1.4	0.2	40	A22-08838	2022-06-27	2022-08-24
A00058030	0.02	2.1	0.2	5.9	9	2.1	11.3	1.5	< 30	A22-08838	2022-06-27	2022-08-24
A00058031	< 0.01	1.4	< 0.1	2.4	< 5	1.1	3.9	0.4	< 30	A22-08838	2022-06-27	2022-08-24
A00058032	0.03	1.3	0.2	7.4	13	2.7	9.5	1.1	30	A22-08838	2022-06-27	2022-08-24
A00058033	0.01	0.8	< 0.1	1.7	< 5	2.6	5.9	0.5	< 30	A22-08838	2022-06-27	2022-08-24
A00058034	0.02	0.5	< 0.1	1.3	< 5	2.0	2.1	0.5	< 30	A22-08838	2022-06-27	2022-08-24
A00058035	0.04	0.8	< 0.1	2.7	6	1.3	2.7	0.2	< 30	A22-08838	2022-06-27	2022-08-24
A00058036	0.25	0.3	0.1	0.7	65	1.8	8.9	0.7	50	A22-08838	2022-06-27	2022-08-24
A00058037	0.26	0.5	0.1	1.0	64	1.8	8.3	0.9	70	A22-08838	2022-06-27	2022-08-24
A00058038	0.37	0.5	0.2	2.6	124	3.8	11.6	1.0	80	A22-08838	2022-06-27	2022-08-24
A00058039	0.13	0.4	< 0.1	1.0	30	2.5	4.1	0.5	50	A22-08838	2022-06-27	2022-08-24
A00058040	0.36	0.5	0.2	2.2	121	2.2	11.6	1.3	100	A22-08838	2022-06-27	2022-08-24
A00058041	0.37	0.4	0.2	1.8	99	2.3	13.3	1.5	80	A22-08838	2022-06-27	2022-08-24
A00058042	0.36	0.6	0.2	2.7	111	2.3	12.4	0.9	100	A22-08838	2022-06-27	2022-08-24
A00058043	0.35	0.5	0.2	3.8	113	3.1	13.7	1.1	100	A22-08838	2022-06-27	2022-08-24
A00058051	0.01	4.4	< 0.1	1.6	< 5	3.9	6.6	0.6	< 30	A22-08838	2022-06-27	2022-08-24
A00058052	0.04	2.6	0.5	3.2	< 5	2.9	22.0	3.1	40	A22-08838	2022-06-27	2022-08-24
A00058053	< 0.01	2.8	0.5	4.9	< 5	2.8	28.0	3.2	30	A22-08838	2022-06-27	2022-08-24
A00058054	0.03	4.2	< 0.1	5.8	10	2.5	3.7	0.2	30	A22-08838	2022-06-27	2022-08-24
A00058055	0.02	2.7	0.4	13.4	< 5	3.5	19.3	3.0	40	A22-08838	2022-06-27	2022-08-24
A00058056	0.01	2.2	0.1	9.7	< 5	3.8	13.2	0.8	60	A22-08838	2022-06-27	2022-08-24
A00058057	< 0.01	4.5	< 0.1	1.1	< 5	5.3	1.3	0.1	< 30	A22-08838	2022-06-27	2022-08-24
A00058058	< 0.01	3.5	0.4	3.2	< 5	3.4	26.5	2.9	40	A22-08838	2022-06-27	2022-08-24
A00058059	0.01	3.4	0.1	5.3	< 5	3.0	8.5	0.8	30	A22-08838	2022-06-27	2022-08-24
A00058060	0.01	3.3	< 0.1	3.7	< 5	4.5	5.5	0.6	30	A22-08838	2022-06-27	2022-08-24
A00058061	< 0.01	5.1	< 0.1	8.0	< 5	2.4	6.4	0.3	< 30	A22-	2022-	2022-

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
										08838	06-27	08-24
A00058062	0.02	6.1	< 0.1	0.6	< 5	2.7	1.8	0.1	40	A22-08838	2022-06-27	2022-08-24
A00058063	< 0.01	5.4	< 0.1	3.3	< 5	3.4	5.7	0.2	30	A22-08838	2022-06-27	2022-08-24
A00058064	< 0.01	4.9	< 0.1	6.2	< 5	2.8	7.1	0.4	< 30	A22-08838	2022-06-27	2022-08-24
A00058065	0.05	0.3	< 0.1	7.9	10	2.3	5.6	0.6	< 30	A22-08838	2022-06-27	2022-08-24
A00058066	0.04	3.5	< 0.1	5.7	13	3.6	3.9	0.4	60	A22-08838	2022-06-27	2022-08-24
A00058067	< 0.01	1.0	< 0.1	4.9	< 5	3.2	1.5	0.2	110	A22-08838	2022-06-27	2022-08-24
A00058068	< 0.01	1.3	< 0.1	4.6	< 5	2.4	5.9	0.6	30	A22-08838	2022-06-27	2022-08-24
A00058070	< 0.01	10.1	< 0.1	2.9	< 5	1.2	0.9	0.2	< 30	A22-08838	2022-06-27	2022-08-24
A00058071	< 0.01	13.7	< 0.1	2.1	< 5	4.8	1.5	0.1	< 30	A22-08838	2022-06-27	2022-08-24
PTM-1a Meas										A22-08838	2022-06-27	2022-08-24
PTM-1a Cert										A22-08838	2022-06-27	2022-08-24
NIST 696 Meas					391					A22-08838	2022-06-27	2022-08-24
NIST 696 Cert					403.00 00					A22-08838	2022-06-27	2022-08-24
Oreas 74a (Fusion) Meas										A22-08838	2022-06-27	2022-08-24
Oreas 74a (Fusion) Cert										A22-08838	2022-06-27	2022-08-24
OREAS 101a (Fusion) Meas	0.39		3.0	431	81		184	18.2		A22-08838	2022-06-27	2022-08-24
OREAS 101a (Fusion) Cert	0.395		2.90	422	83		183	17.5		A22-08838	2022-06-27	2022-08-24
NCS DC86303 Meas						9.6				A22-08838	2022-06-27	2022-08-24
NCS DC86303 Cert						8.9				A22-08838	2022-06-27	2022-08-24
NCS DC86304 Meas						43.8				A22-08838	2022-06-27	2022-08-24
NCS DC86304 Cert						43.7				A22-08838	2022-06-27	2022-08-24
NCS DC86314 Meas						73.0				A22-08838	2022-06-27	2022-08-24
NCS DC86314 Cert						79.0				A22-08838	2022-06-27	2022-08-24
CZN-4 Meas									> 10000	A22-08838	2022-06-27	2022-08-24
CZN-4 Cert									550700 .00	A22-08838	2022-06-27	2022-08-24
Lithium Tetraborate FX-LT 100 lot#220610B Meas										A22-08838	2022-06-27	2022-08-24
Lithium Tetraborate FX-LT 100 lot#220610B Cert										A22-08838	2022-06-27	2022-08-24
OREAS 922	0.43	0.9	0.5	3.6	95		31.2	2.8	280	A22-	2022-	2022-

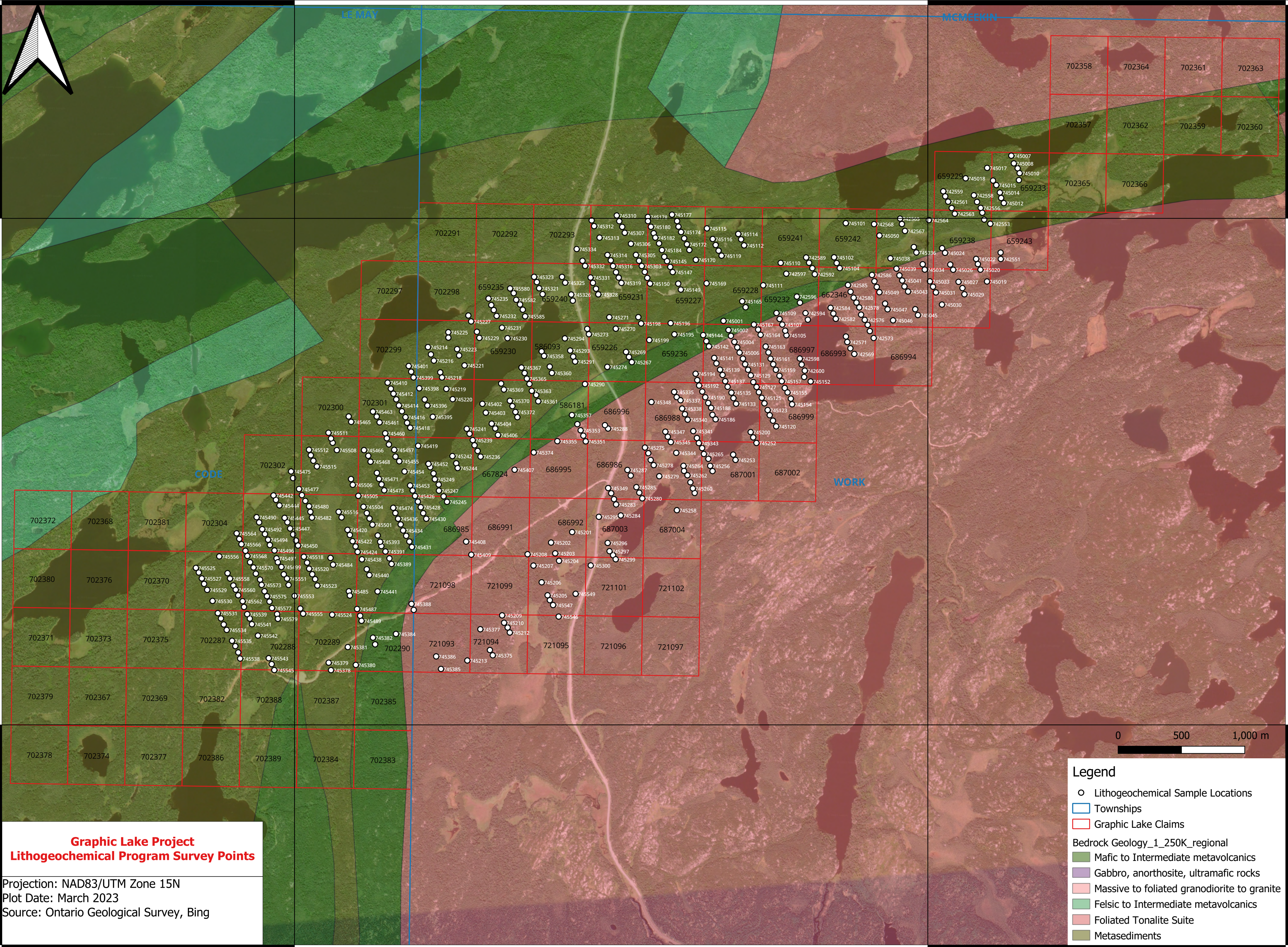
Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
(Peroxide Fusion) Meas										08838	06-27	08-24
OREAS 922 (Peroxide Fusion) Cert	0.439	0.9	0.510	3.6	92.0		31.1	3.17	280	A22-08838	2022-06-27	2022-08-24
OREAS 621 (Peroxide Fusion) Meas	0.18	2.0		3.1	35	3.7	14.1	1.1	> 10000	A22-08838	2022-06-27	2022-08-24
OREAS 621 (Peroxide Fusion) Cert	0.181	2.0		3.0	36.3	2.6	13.9	1.03	52200	A22-08838	2022-06-27	2022-08-24
CCU-1e Meas		2.5							> 10000	A22-08838	2022-06-27	2022-08-24
CCU-1e Cert		2.69							30200	A22-08838	2022-06-27	2022-08-24
OREAS 680 (Peroxide Fusion) Meas	0.52			1.8	239		16.8	1.3	2330	A22-08838	2022-06-27	2022-08-24
OREAS 680 (Peroxide Fusion) Cert	0.523			1.55	224		16.2	1.52	2320	A22-08838	2022-06-27	2022-08-24
OREAS 139 (Peroxide Fusion) Meas	0.16	34.9		12.4			17.4		> 10000	A22-08838	2022-06-27	2022-08-24
OREAS 139 (Peroxide Fusion) Cert	0.157	35.4		12.2			17.1		133600.00	A22-08838	2022-06-27	2022-08-24
OREAS 124 (Peroxide Fusion) Meas	0.25									A22-08838	2022-06-27	2022-08-24
OREAS 124 (Peroxide Fusion) Cert	0.254									A22-08838	2022-06-27	2022-08-24
AMIS 0346 (Peroxide Fusion) Meas	14.8				2790					A22-08838	2022-06-27	2022-08-24
AMIS 0346 (Peroxide Fusion) Cert	15.0				2700					A22-08838	2022-06-27	2022-08-24
NCS DC73520 Meas						530			400	A22-08838	2022-06-27	2022-08-24
NCS DC73520 Cert						518			370	A22-08838	2022-06-27	2022-08-24
OREAS 148 (Peroxide Fusion) Meas	0.35									A22-08838	2022-06-27	2022-08-24
OREAS 148 (Peroxide Fusion) Cert	0.35									A22-08838	2022-06-27	2022-08-24
A00058010 Orig	0.01	1.9	0.3	20.9	< 5	0.8	21.1	2.4	30	A22-08838	2022-06-27	2022-08-24
A00058010 Dup	0.01	1.7	0.3	20.8	< 5	1.6	19.1	1.9	< 30	A22-08838	2022-06-27	2022-08-24
A00058020 Orig	0.01	1.8	0.8	5.7	< 5	3.5	44.3	7.1	30	A22-08838	2022-06-27	2022-08-24
A00058020 Dup	0.01	1.5	0.9	5.6	< 5	2.8	42.8	7.6	30	A22-08838	2022-06-27	2022-08-24
A00058030 Orig	0.02	2.1	0.2	5.9	9	2.1	11.3	1.5	< 30	A22-08838	2022-06-27	2022-08-24
A00058030 Dup	0.02	2.1	0.2	5.9	8	2.0	12.1	1.5	< 30	A22-08838	2022-06-27	2022-08-24

Analyte Symbol	Ti_FUS - Na2O2 %	Tl_FUS -MS- Na2O2 ppm	Tm_FUS -MS- Na2O2 ppm	U_FUS -MS- Na2O2 ppm	V_FUS -MS- Na2O2 ppm	W_FUS -MS- Na2O2 ppm	Y_FUS -MS- Na2O2 ppm	Yb_FUS -MS- Na2O2 ppm	Zn_FUS -MS- Na2O2 ppm	Certificate	Date Received	Date Finalized
A00058040 Orig	0.36	0.5	0.2	2.2	121	2.2	11.6	1.3	100	A22-08838	2022-06-27	2022-08-24
A00058040 Dup	0.36	0.5	0.2	2.4	118	2.1	10.9	1.1	100	A22-08838	2022-06-27	2022-08-24
A00058057 Orig	< 0.01	4.5	< 0.1	1.1	< 5	5.3	1.3	0.1	< 30	A22-08838	2022-06-27	2022-08-24
A00058057 Dup	< 0.01	4.9	< 0.1	1.1	< 5	5.0	1.0	0.1	< 30	A22-08838	2022-06-27	2022-08-24
A00058067 Orig	< 0.01	1.0	< 0.1	4.9	< 5	3.2	1.5	0.2	110	A22-08838	2022-06-27	2022-08-24
A00058067 Dup	< 0.01	1.1	< 0.1	4.9	< 5	3.9	1.6	< 0.1	100	A22-08838	2022-06-27	2022-08-24
A00058071 Orig	< 0.01	13.7	< 0.1	2.1	< 5	4.8	1.5	0.1	< 30	A22-08838	2022-06-27	2022-08-24
A00058071 Dup	< 0.01	13.0	< 0.1	2.2	< 5	4.5	1.4	< 0.1	< 30	A22-08838	2022-06-27	2022-08-24
Method Blank	< 0.01									A22-08838	2022-06-27	2022-08-24
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.5	< 0.1	< 0.1	< 30	A22-08838	2022-06-27	2022-08-24
Method Blank		< 0.1	< 0.1	< 0.1	< 5	1.8	< 0.1	0.1	< 30	A22-08838	2022-06-27	2022-08-24
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.0	< 0.1	0.1	< 30	A22-08838	2022-06-27	2022-08-24
Method Blank		< 0.1	< 0.1	0.1	< 5	1.3	< 0.1	0.1	< 30	A22-08838	2022-06-27	2022-08-24
Method Blank	< 0.01	< 0.1	< 0.1	0.1	< 5	1.3	< 0.1	0.1	50	A22-08838	2022-06-27	2022-08-24
Method Blank		< 0.1	< 0.1	0.2	< 5	1.6	< 0.1	< 0.1	< 30	A22-08838	2022-06-27	2022-08-24

APPENDIX F - LARGE FORMAT MAP WITH LITHOGEOCHEMISTRY SAMPLE POINTS

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**Graphic Lake Project
Lithochemical Program Survey Points**

Projection: NAD83/UTM Zone 15N
 Plot Date: March 2023
 Source: Ontario Geological Survey, Bing

Legend

- Lithochemical Sample Locations
- ▭ Townships
- ▭ Graphic Lake Claims

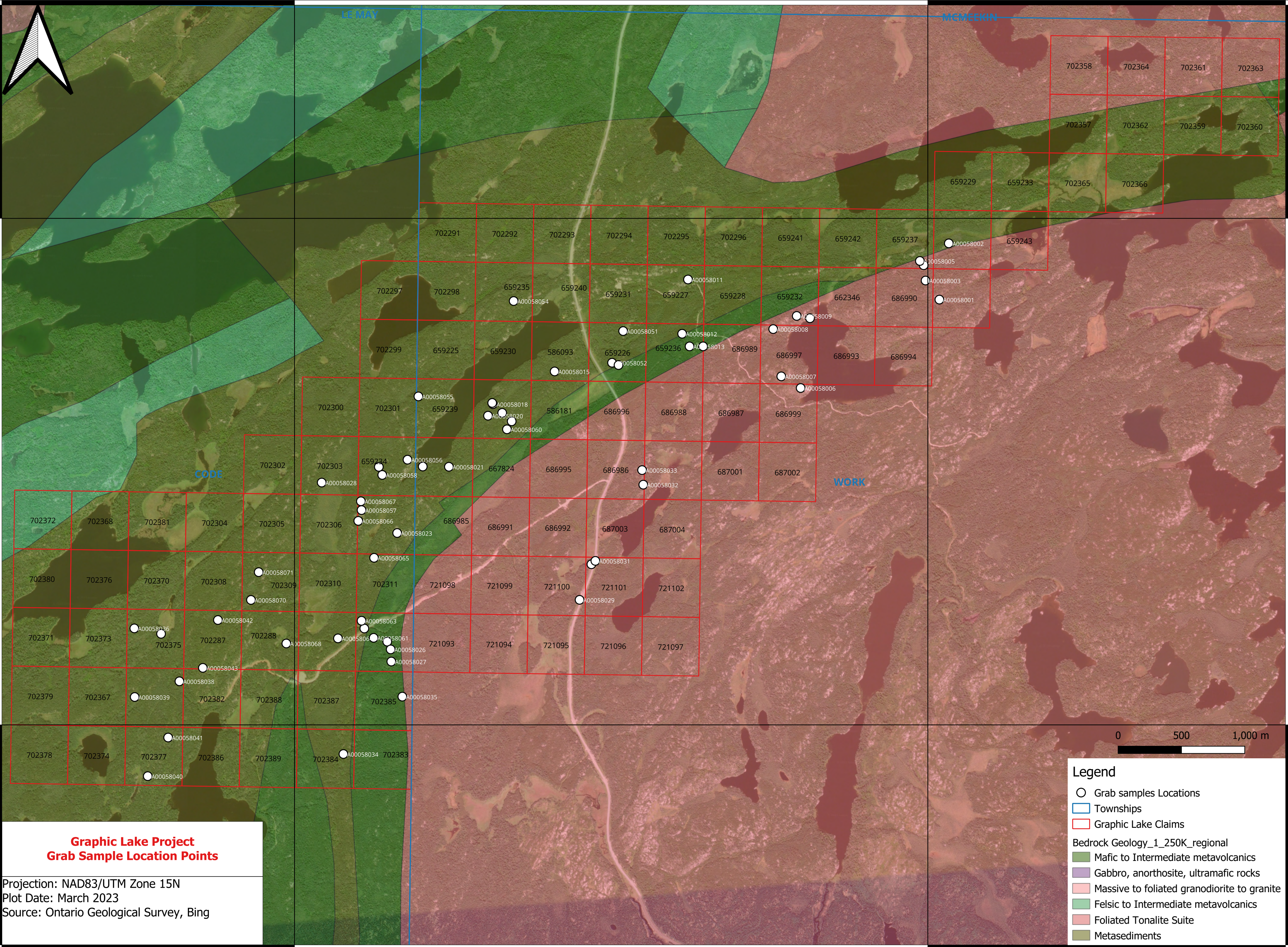
Bedrock Geology_1_250K_regional

- Mafic to Intermediate metavolcanics
- Gabbro, anorthosite, ultramafic rocks
- Massive to foliated granodiorite to granite
- Felsic to Intermediate metavolcanics
- Foliated Tonalite Suite
- Metasediments

APPENDIX G - LARGE FORMAT MAP WITH GRAB SAMPLES

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**Graphic Lake Project
Grab Sample Location Points**

Projection: NAD83/UTM Zone 15N
 Plot Date: March 2023
 Source: Ontario Geological Survey, Bing

Legend

- Grab samples Locations
- ▭ Townships
- ▭ Graphic Lake Claims
- Bedrock Geology_1_250K_regional
 - ▭ Mafic to Intermediate metavolcanics
 - ▭ Gabbro, anorthosite, ultramafic rocks
 - ▭ Massive to foliated granodiorite to granite
 - ▭ Felsic to Intermediate metavolcanics
 - ▭ Foliated Tonalite Suite
 - ▭ Metasediments

APPENDIX H - LARGE FORMAT MAP WITH MAPPED OUTCROPS

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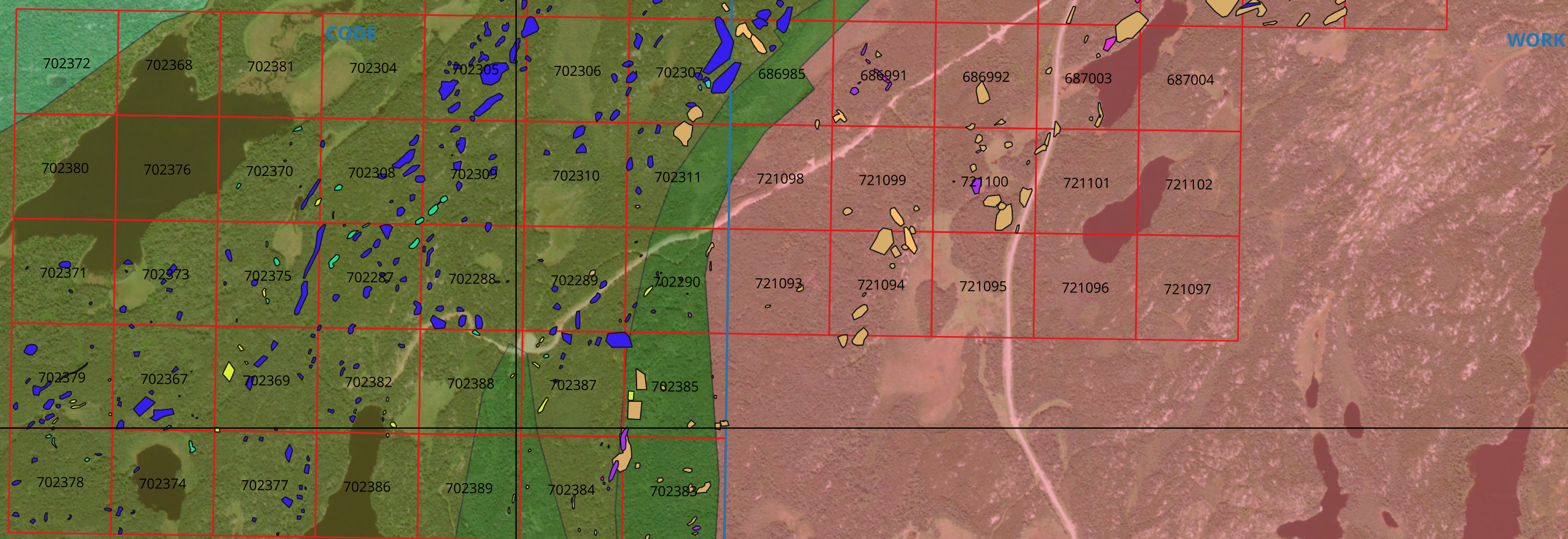
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- Legend**
- Mapped Outcrops**
 - Diabase
 - Barren Pegmatite
 - Felsic Volcanics
 - Granite
 - Granodiorite
 - Intermediate Volcanics
 - Metasediments
 - Mafic Volcanics
 - Pegmatite
 - Townships
 - Graphic Lake Claims
 - Bedrock Geology_1_250K_regional**
 - Mafic to Intermediate metavolcanics
 - Gabbro, anorthosite, ultramafic rocks
 - Massive to foliated granodiorite to granite
 - Felsic to Intermediate metavolcanics
 - Foliated Tonalite Suite
 - Metasediments

**Graphic Lake Project
Mapped Outcrops Results**

Projection: NAD83/UTM Zone 15N
 Plot Date: March 2023
 Source: Ontario Geological Survey, Bing