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Technical report, 2019 prospecting and MMI soil sampling, Sicotte property

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Technical Report

2019 Prospecting and MMI Soil Sampling

Sicotte Property

32E15, Beschefer and Bapst Townships, Quebec

Breanne Beh, P.Geo, APGO (#2648), OGQ (#2165);

Daniel LaFontaine, G.I.T., APGO (#10766), OGQ G.I.T.

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1. INTRODUCTION

1.1 Option Agreement

In September 2017, Probe Metals Inc. (“Probe”) entered into a 75-25 joint venture agreement with SOQUEM Minerals Corporation (“SOQUEM”), whereby Probe remains the operator and owns a 75% interest in the Detour Quebec Property including Sicotte (“the Property” or “Sicotte”). In the two previous years, SOQUEM had spent \$2,000,000 in exploration on the Project and drill targets have been identified over selected geophysical anomalies.

1.2 Location and Access

The Sicotte Property is located 115 km west of Mattagami, Quebec and approximately 255 km northwest of Val-d’Or, Quebec. The property is comprised of 38 mining claims totaling approximately 21 km² (Table 1, Fig. 1 and Appendix A). The property is located within Beschefer and Bapst Townships within SNRC topographic sheet 32E15. The area is characterized by low relief and is mainly covered by boreal forest, reforested areas and wetlands (15%). The northeastern portion of the property is bound by the Harricana River.

The property is transected by logging road N 810 from the southwest to the northeast. Regional historic logging roads provide additional access in the select areas to the northern and southern portions of the property. The southeastern and northern perimeter of the property are more difficult to access since there are no roads or trails.

The area is highly prospective with an exploration potential over 6 kilometres of strike length at the eastern margin of the Brouillan Pluton. The property is underlain by felsic to mafic volcanics and intruded by dioritic to mafic dykes. The western margin of the Brouillan Pluton was host to the former Selbaie Mine. The property is relatively underexplored, and it is generally recognized that the geological environment shows potential for both gold and base metals.

Table 1. Sicotte Property claim numbers divided by township.

Township	SNRC Sheet	Claims
Beschefer	32E15	2165543; 2165552, 2247198; 2247202, 2429303; 2429308, 2503760; 2503762, 2503765, 2503766, 2503769; 2503771, 2529080; 252083
Bapst and Beschefer	32E15	2503763, 2503767, 2503772
Bapst	32E15	2503764, 2503768

1.3 Historic Work

The Sicotte property is located 16km east of the former Selbaie mine which produced 53 Mt of ore grading 1% Cu, 1.9% Zn, 0.6 g/t Au and 4.1 g/t Ag during operations from 1982-2005 (MRNF – DV 2005-01). A total of 35 drill holes have been completed on the property for 5,836m. Two known gold occurrences are within the property boundary. The first is the Rousseau Twinning showing, associated with a ductile deformation zone and characterized by a network of quartz-tourmaline veins within a diorite that displays carbonate and sericite alteration and disseminated pyrite, chalcopyrite and sphalerite. Grab samples from this area yield between 8 and 54 g/t Au. The second is the Lac Sicotte NE showing is a drill intercept with gold associated with quartz veining hosted in carbonate altered and silicified felsic rock. Results from DDH 86-1432-05 were 0.7 g/t Au over 4.0m; including 2.3 g/t Au over 1.0m. Additionally, DDH 86-1432-23 intersected 1.3 g/t Au over 1.3m, 0.5 g/t Au over 4.5m; including 1.1 g/t Au over 1.6m.

A geophysical survey was conducted in 2012, consisting of 5 lines at 200m spacing and 800m long. The IP survey readings were done with pole-dipole electrode array ($a=50$, $n=1$ to 8) at 200m line spacing. The geophysical grid served as a foundation for soils sampling sites which targeted historic IP anomalies. Correlating IP anomalies with geochemical signatures were coupled in order to prioritize potential drill targets. Additional lines were used to gain a geochemical signature related to historic showings and also new exploration target areas.

1.4 Regional Geology

The property is situated in the Harricana-Turgeon volcano-sedimentary belt (HTB) of the Abitibi greenstone belt (Fig. 2). The HTB is bounded to the north and west by the Quetico gneisses and to the south by the Mistouac pluton. The geologic terrain hosts the Matagami, Joutel, Brouillan, Detour Lake and Casa-Berardi mining districts. It is predominately comprised of volcanics and sediments which have been metamorphosed to greenschist facies. The predominantly east-west volcano-sedimentary sequence are intruded by various stage granitoid intrusions. Late stage diabase dikes crosscut the region in a NNW direction.

The property is located to the east of the Brouillan pluton, a pre- to early tectonic pluton. The pluton is composed of tonalite and diorite which correspond to gradiometric lows and highs respectively. Pre- to early tectonic plutons are presumed to be sub-volcanic and associated with the volcanism of the complexes (Lacroix, 1986). Volcanic domains have been grouped as ultramafic (komatiite-basalt), mafic-intermediate (basalt) or intermediate-felsic (rhyolite-andesite) dominant bands (Lacroix, 1990). The intermediate-felsic volcanic complexes are characterized by gradiometric lows. Short linear highs are also present and correspond to gabbroic sills. The tonalite and diorite phases of the Brouillan pluton are presumed to be the intrusive equivalents of the rhyolite and basalt-andesite.

There are two recognized sedimentary domains in the HTB: the Tabi sedimentary domain (TSD), containing abundant iron formations and the Matagami sedimentary domain (MSD) (Lacroix, 1990). The Casa-Berardi gold deposits lie in the TSD, at the southern boundary, along an E-W regional fault. The

Cyprus Fenelon and Turgeon gold occurrences, and Detour Lake deposits lie in the volcanics near or on the boundary of the MSD, along E-W regional faults. The Sicotte property lies between these two sedimentary domains.

There are several deformation corridors transecting the area predominantly from west to east at the contacts between the volcanic, sedimentary and intrusive domains. They are delineated by linear, regional aeromagnetic and EM anomalies. The corridors associated with gold mineralization (e.g. Golden Pond) are from south to north, the Casa-Berardi, Grasset, and Detour Lake deformation zones. Major brittle faults trend NW-SE in the region and are also associated with gold mineralization (e.g. Eagle and Telbel).

The Bapst deformation zone (BDZ) cuts across the region from the NW to the SE, along the Harricana River. The property straddles a NE trending fault which is parallel to the BDZ. The regional structural pattern has been interpreted by Lacroix (1990) to represent an east-west trending chain of four central volcanic complexes located around four pre- to early tectonic plutons.

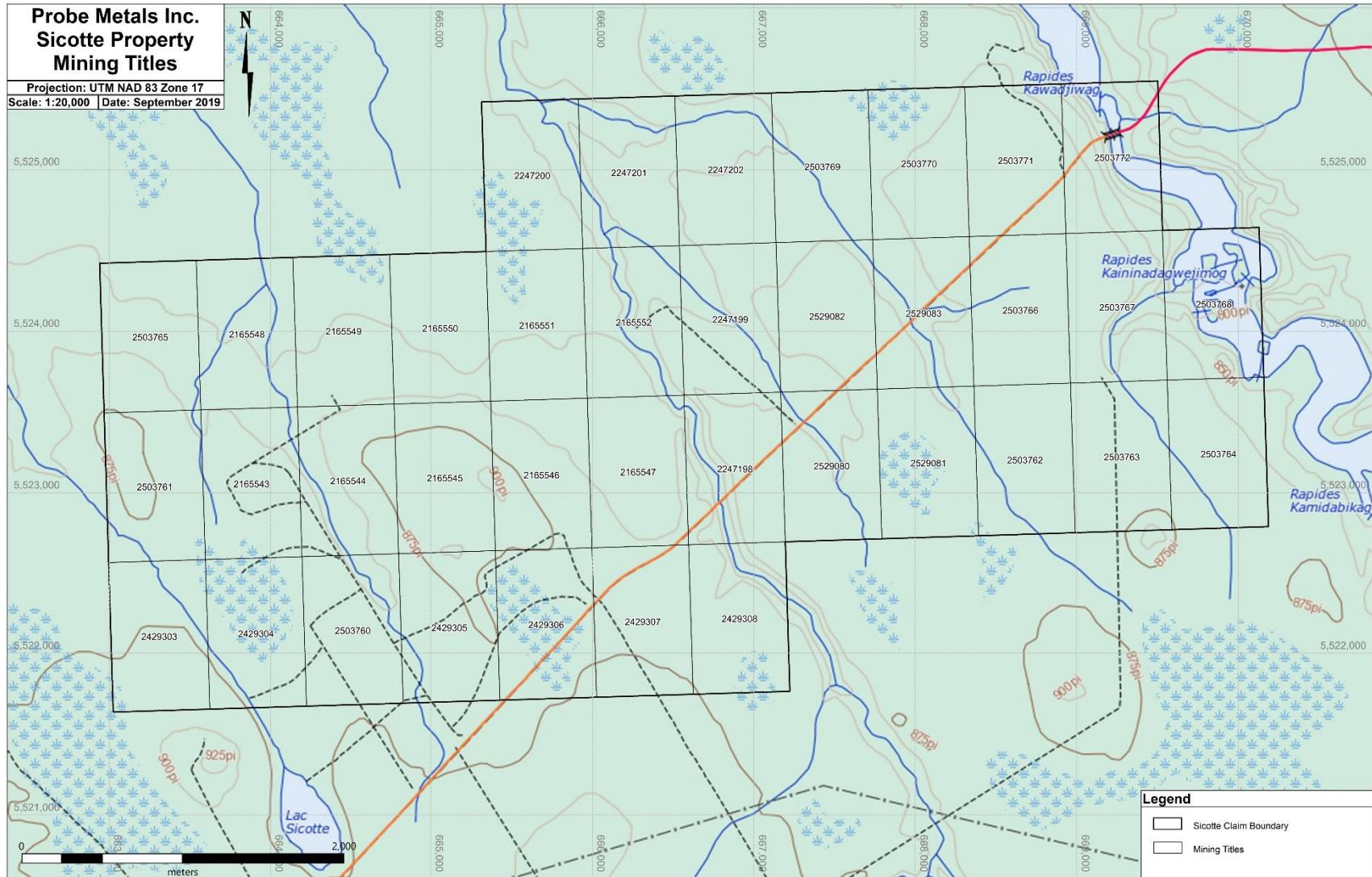


Figure 1. Location of the Sicotte Property in James Bay, Quebec. Mining titles, lakes and roads are also shown. Grid is in NAD 83 Zone 17.

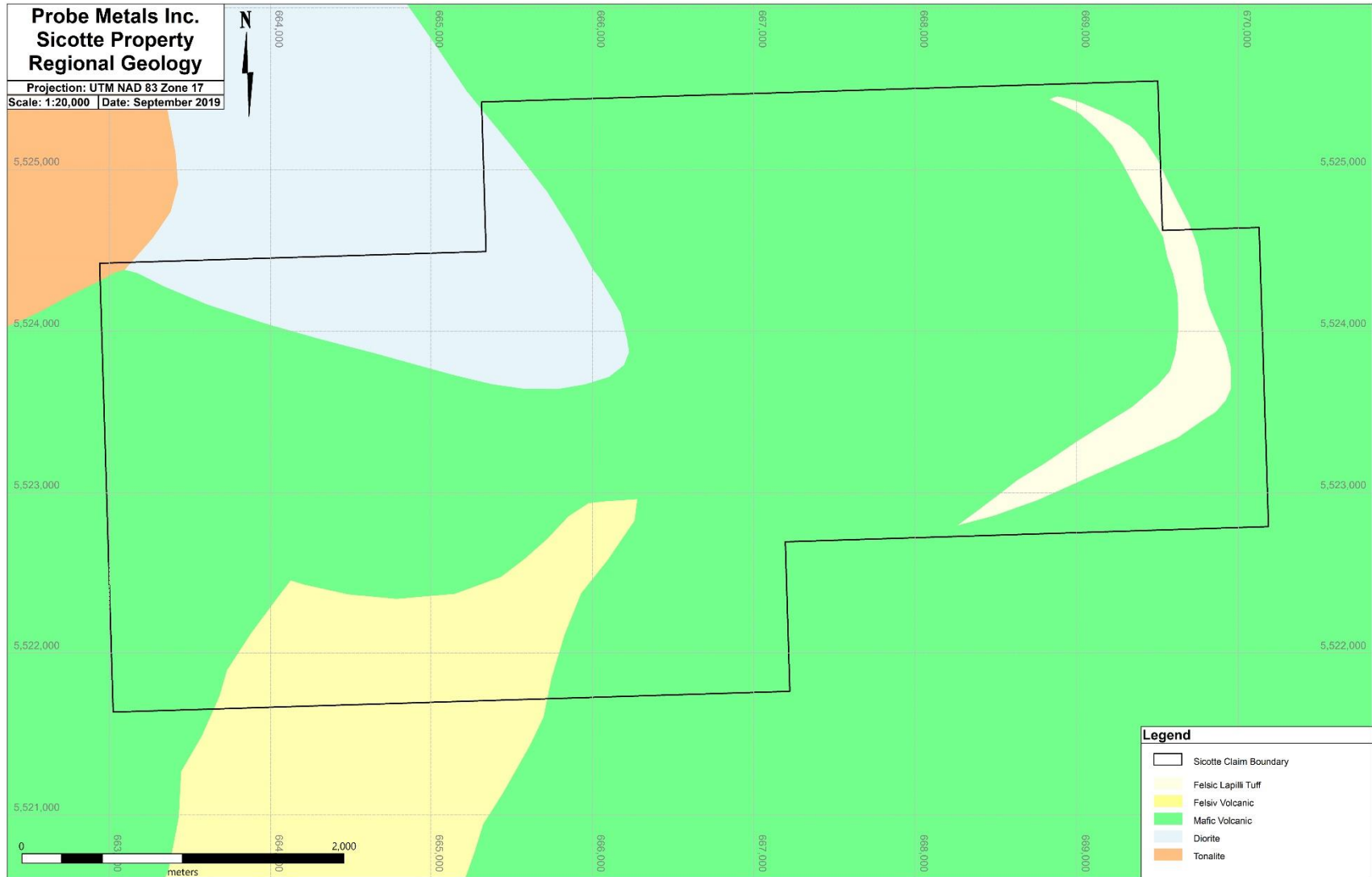


Figure 2. Regional geology of the Sicotte Property within the Harricana-Turgeon volcano-sedimentary belt. Grid is in NAD 83 Zone 17.

2. Probe Metals Exploration

2.1 Prospecting

Prospecting was initiated to follow up on 2010 grab samples and identify new prospective areas. The work was carried out by Probe geologists Dylan Cochrane and Joel Laurin with geotechnicians Michael Tanguay and Ben Athurion during the month of June 2019. Traversing the property teams recorded observations of exposed country rock with handheld Garmin GPS units. The outcrop location is marked, and detailed observations are recorded (Appendix B). Grab samples were collected to increase the sample density across the property and to verify historic assays. The teams collected 2 grab samples in 2019, with no highly anomalous gold values (Fig. 3 and Appendix C). Sample locations were noted with a GPS location and a representative sample was flagged, photographed and left at the sample site. Samples were bagged and tagged on site remaining closed until arriving at the lab for analysis. All rock samples were sent to SGS in Val-d'Or, Quebec. Samples were analyzed by Fire Assay Fusion (50g) with detection limits of 5 ppb Au and ACP-OES multi-acid digest.

2.2 MMI Soil Sampling

As a part of ongoing exploration programs, Probe Metals completed an MMI soil sampling program on the Sicotte Property. Due to the significant overburden in many areas of the Sicotte property, soil sampling was initiated to help gain a regional geochemical understanding, specifically related to known mineralized trends and to help target prospective areas with reduced bedrock exposure. The geochemical survey also helps rank induced polarization anomalies and historic showings to aid in prioritizing prospective drill targets. The Mobile Metal Ions (MMI) soil sampling survey is a relatively new technique that continues to evolve based on more than 20 years of practical application. Geochemistry in mineral exploration has demonstrated metal ions move toward the surface and given sufficient time, they can accumulate near surface in a soil profile. The analysis identifies metal anomalies in soil profiles based on the understanding of the release, migration and accumulation near surface of mobile metallic ions emanating from buried mineralization sources and underlying lithologies (SGS, 2012). The key to successful sample collection for MMI analysis is a constant depth, close to soil/air or soil/organic layer interface in true soil. Samples were sent to SGS in Burnaby, BC for MMI soil analysis. The 95th percentile for select elements was calculated and used to identify anomalous sites (MMI Response Ratio).

Field work took place between June 11th and June 18th, 2019 by two crews consisting of a geologist and a technician, collecting 342 MMI soil samples (Figure 4). Work was completed by Probe employees Daniel LaFontaine, Joel Laurin, Dylan Cochrane, Michael Tanguay and Ben Athurion. The survey consisted 339 MMI soil sites on 25 lines, oriented northeast-southwest, ranging from 0.25 and 1.2 km in length. The lines were regionally planned on the property for broad coverage targeting historic IP anomalies, magnetic trends and transecting the volcanic package trend and intrusive contacts. Soils

samples were taken at 50m spacing and 15cm below the organic/inorganic soil interface as per the MMI recommended technique.

At the site, a pit was dug to determine the organic/inorganic interface. The soils sample is extracted using an auger or garden trowel, approximately 500-1000g. Each sample site was recorded by Garmin GPS location, photo of the sample pit and sample extracted. In addition to that, detailed observations were recorded of the soil composition and surrounding ecological characteristics (Appendix D). Additionally, duplicates were collected every 100 samples, a total of 3 sites were duplicated. All tracks and sample locations were recorded by Garmin GPS. All samples were bagged and tagged at the sample site and remained closed until analysis at SGS.

The MMI soils sampling analysis utilizes a weak acid to partially digest the ions bonded to the soil particles, but not strong enough to digest the soil itself. This digested material is thought to represent the mobile metals ions that have migrated from the soil/bedrock interface and below. Solutions are then processed using Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) to detect very low concentrations of desired elements (Appendix E). The results are then represented in a 95th percentile calculation to identify anomalous values in comparison to surrounding levels (MMI Response Ratio). Data is then plotted using MapInfo.

3. RESULTS AND INTERPRETATIONS

Compilation work by Probe geologists began in early 2019, delineating prospective areas. Utilizing regional geologic information and historic IP surveys, a property-scale geochemical soil sampling survey was determined to be the most effective exploration technique. Utilizing modern soil sampling techniques would help to expand known mineral occurrences trends and target new prospective areas.

3.1 Mapping and Prospecting

Prospecting on the Sicotte property provided a new opportunity to revisit prospective geologic settings and identify new target areas. The main goal of the 2019 exploration program was to delineate any potential mineralization, while also thoroughly exploring the property.

The Sicotte property has great potential for the discovery of gold mineralization and, to a lesser extent, base metal mineralization of volcanogenic massive sulphide type. Based on historic showings and surrounding mines, contacts between sedimentary and volcanic sequences seem to be a good host for gold mineralization. Additionally, shearing is commonly associated with gold mineralization. Geologic setting varied from volcano-plutonic sequences and intermediate intrusive units in the north. In the northern portion of the property, the bimodal volcanic sequences contained lithologies of intermediate to mafic volcanics. The two samples taken were from either side of a felsic and intrusive contact. The volcanics displayed strong shearing and increased sulphide content. Favourable lithologies and characteristic alterations, as well as rock geochemical anomalies, seem to confirm the potential. Additional, detailed mapping could also help delineate marker units and subsequent mineralized intrusives.

3.2 MMI Soil Sampling

Soil sampling proved to be a useful geochemical indicator, reflecting surface geology and gold/base metal mineralization on the Sicotte property. Soil sampling can also help target prospective areas with reduced bedrock exposure. There was a total of 342 MMI soils samples taken on the Sicotte property with strong correlations to historic occurrences and possible anomalies along strike. Initial data compilation showed several positive correlations between metal geochemical anomalies, chargeable IP signatures and magnetic highs. The Lac Sicotte and Lac Sicotte NE showing displayed a strong Au trend between both areas and a prominent spike in Au response ratio at the contact between mafic and felsic volcanics. The Lac Sicotte showings are located on the margins of magnetic highs. The strongest Au anomalies were similarly located along the margins of the magnetic high and low. Surrounding the showings, there were weak to moderate anomalies associated with both the felsic and mafic volcanic units.

The Ruisseau Twinning showing had a prominent spike in Au response ratio at the location and also to the east and west of the showing along the magnetic high trend.

Strongest gold anomalies in soil geochemistry were associated with mafic volcanics and proximal to felsic volcanic and diorite contacts. Elevated levels of Cu were more common in felsic volcanic unit to the south. Overall a strong Pb/Zn/Ni correlation was noticed in the mafic volcanics and in the felsic volcanic unit in the south.

From the regional map, the Sicotte property lies within a structurally complex strain zone to the east of the Brouillan pluton which could be responsible for hydrothermal alteration and structural complexity. The wide range of MMI anomalies could represent a system associated with economic mineralization. Overall the MMI soils sampling coverage provided broad property-scale geochemical understanding, specifically helpful in areas with poor rock exposure.



Figure 3. Sicotte 2019 prospecting outcrop locations and Au results from grab samples. Mining titles, lakes and roads are also shown. Grid is in NAD 83 Zone 17.

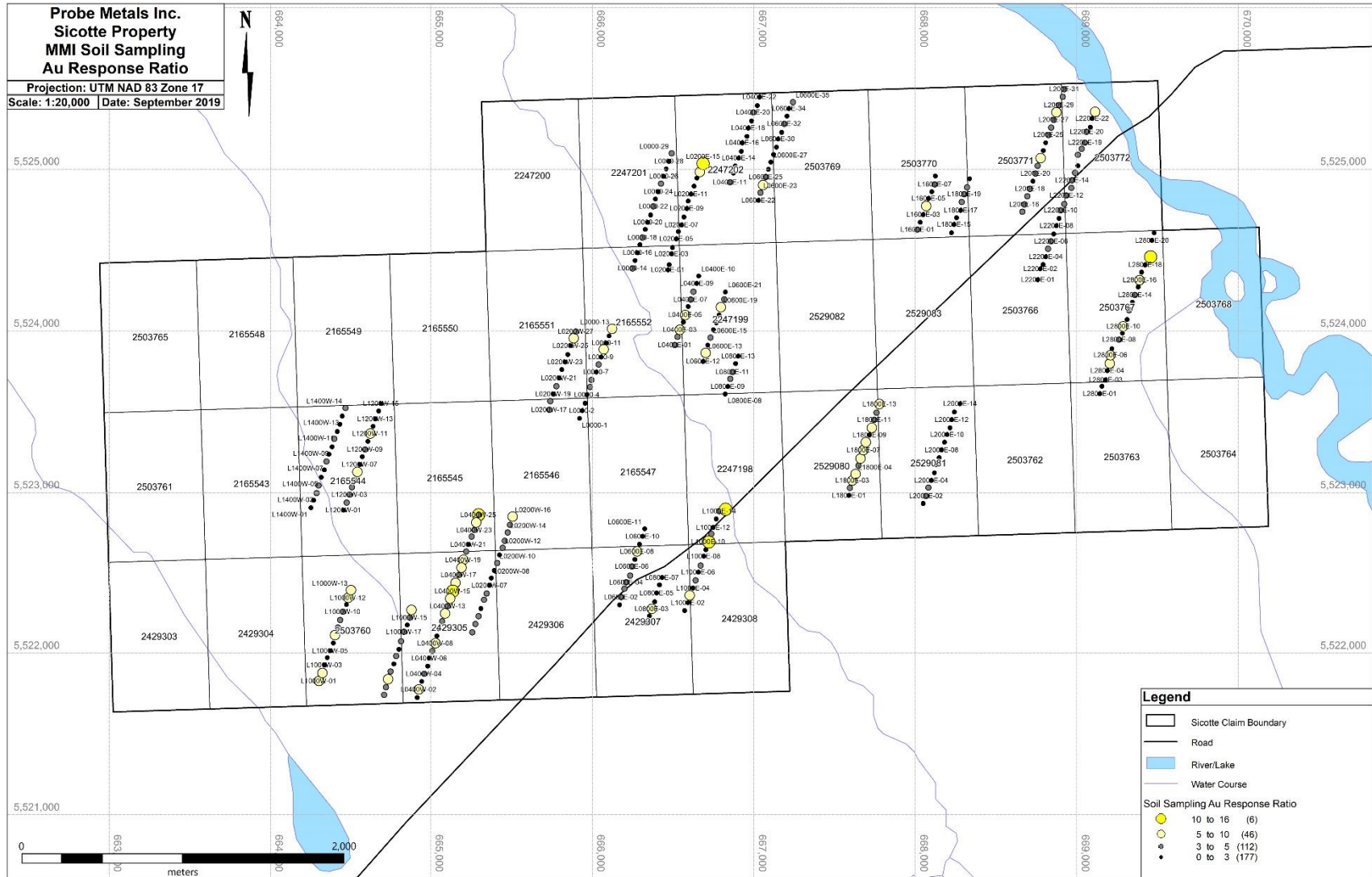


Figure 4. Sicotte 2019 MMI soil sample locations with Au Response Ratio results. Mining titles, lakes and roads are also shown. Grid is in NAD 83 Zone 17.

4. CONCLUSIONS

4.1 Summary

The Sicotte property is situated in a highly prospective and relatively underexplored geologic setting. The recent exploration has successfully established a baseline for continued grassroots exploration. Geochemical anomalies surrounding the known mineral occurrences show potential for increased exploration and gold mineralization. MMI soil sampling helped gain a general understanding of anomalous gold zones where rock exposure is poor. MMI soil sampling helped delineate potential mineralized zones in areas of high strain and alteration. Gold bearing mafic volcanics related to the Lac Sicotte historic occurrences show potential for economic mineralized systems in the southern region. In the northern region of the property, delineating structural complexities as well as zones of low strain have helped correlate mineralization to structure and alteration. Anomalous gold seems to be associated with mafic volcanic, diorite and felsic volcanic lithologies. These two grassroots exploration techniques helped identify areas for follow-up exploration at depth.

4.2 Recommendations

The Sicotte property is located in a strategic geologic setting and shows great potential for additional exploration. Probe's exploration program has added to the foundation of geophysical surveys and historic drilling which should prove beneficial for future work programs.

MMI soil sampling program defined an anomalous trend with magnetic signatures. In the northern area, there has been reduced exploration. MMI anomalies, regional geology and airborne magnetic signatures show strong potential for follow up work. It is recommended that additional mapping, IP and testing the zone with a drilling campaign to delineate additional mineralized bodies. A 15-20 like km pole-dipole IP survey would help delineate chargeable zones possibly associated with shearing and mineralized bodies. Following the IP survey, a 1,500-2,000m drill program could help define subsurface geology related to potential mineralization in an underexplored region. The property shows potential for gold mineralization associated with shearing, sulphide mineralization and quartz veining. These characteristics are often picked up in sub-surface geology by detailed IP surveys.

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Lacroix, S., Simard, A., Pilote, P., Dube, L. 1990. Regional Geologic Elements and Mineral Resources of the Harricana-Turgeon Belt, Abitibi of NW Quebec in The Northwestern Quebec Polymetallic Belt: A Summary of 60 Years of Mining Exploration. C.I.M. Special Volume 43, p.313-326.

MRNF – DV 2005-01

Appendix A – Sicotte Claim List

NoClaim	Titre	SNRC	Canton	Rangee	Colonne	SuperficieHA	DateEnr	DateExp	Renou	Droit	Travaux	Excedent	Detenteur
2165543	CDC	32 E 15	Beschefer	11	34	55.56	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165544	CDC	32 E 15	Beschefer	11	35	55.56	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165545	CDC	32 E 15	Beschefer	11	36	55.56	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165546	CDC	32 E 15	Beschefer	11	37	55.56	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165547	CDC	32 E 15	Beschefer	11	38	55.56	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165548	CDC	32 E 15	Beschefer	12	34	55.55	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165549	CDC	32 E 15	Beschefer	12	35	55.55	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165550	CDC	32 E 15	Beschefer	12	36	55.55	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165551	CDC	32 E 15	Beschefer	12	37	55.55	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2165552	CDC	32 E 15	Beschefer	12	38	55.55	20080710	20200709	5	65.25	1800	0	Probe Metals inc. (100%)
2247198	CDC	32 E 15	Beschefer	11	39	55.56	20100824	20200823	4	65.25	1800	0	Probe Metals inc. (100%)
2247199	CDC	32 E 15	Beschefer	12	39	55.55	20100824	20200823	4	65.25	1800	0	Probe Metals inc. (100%)
2247200	CDC	32 E 15	Beschefer	13	37	55.54	20100824	20200823	4	65.25	1800	0	Probe Metals inc. (100%)
2247201	CDC	32 E 15	Beschefer	13	38	55.54	20100824	20200823	4	65.25	1800	0	Probe Metals inc. (100%)
2247202	CDC	32 E 15	Beschefer	13	39	55.54	20100824	20200823	4	65.25	1800	0	Probe Metals inc. (100%)
2429303	CDC	32 E 15	Beschefer	10	33	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2429304	CDC	32 E 15	Beschefer	10	34	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2429305	CDC	32 E 15	Beschefer	10	36	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2429306	CDC	32 E 15	Beschefer	10	37	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2429307	CDC	32 E 15	Beschefer	10	38	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2429308	CDC	32 E 15	Beschefer	10	39	55.57	20150618	20210617	2	65.25	1200	0	Probe Metals inc. (100%)
2503760	CDC	32 E 15	Beschefer	10	35	55.57	20171019	20191018	0	65.25	1200	0	Probe Metals inc. (100%)
2503761	CDC	32 E 15	Beschefer	11	33	55.56	20171019	20191018	0	65.25	1200	43	Probe Metals inc. (100%)
2503762	CDC	32 E 15	Beschefer	11	42	55.56	20171019	20191018	0	65.25	1200	692	Probe Metals inc. (100%)
2503763	CDC	32 E 15	Beschefer/Bapst	11	43	55.56	20171019	20191018	0	65.25	1200	692	Probe Metals inc. (100%)
2503764	CDC	32 E 15	Bapst	11	44	55.56	20171019	20191018	0	65.25	1200	946	Probe Metals inc. (100%)
2503765	CDC	32 E 15	Beschefer	12	33	55.55	20171019	20191018	0	65.25	1200	51	Probe Metals inc. (100%)
2503766	CDC	32 E 15	Beschefer	12	42	55.55	20171019	20191018	0	65.25	1200	692	Probe Metals inc. (100%)
2503767	CDC	32 E 15	Beschefer/Bapst	12	43	55.55	20171019	20191018	0	65.25	1200	946	Probe Metals inc. (100%)
2503768	CDC	32 E 15	Bapst	12	44	55.55	20171019	20191018	0	65.25	1200	946	Probe Metals inc. (100%)
2503769	CDC	32 E 15	Beschefer	13	40	55.54	20171019	20191018	0	65.25	1200	946	Probe Metals inc. (100%)
2503770	CDC	32 E 15	Beschefer	13	41	55.54	20171019	20191018	0	65.25	1200	692	Probe Metals inc. (100%)
2503771	CDC	32 E 15	Beschefer	13	42	55.54	20171019	20191018	0	65.25	1200	722	Probe Metals inc. (100%)
2503772	CDC	32 E 15	Beschefer/Bapst	13	43	55.54	20171019	20191018	0	65.25	1200	51	Probe Metals inc. (100%)
2529080	CDC	32 E 15	Beschefer	11	40	55.56	20181207	20201206	0	65.25	1200	0	Probe Metals inc. (100%)
2529081	CDC	32 E 15	Beschefer	11	41	55.56	20181207	20201206	0	65.25	1200	0	Probe Metals inc. (100%)
2529082	CDC	32 E 15	Beschefer	12	40	55.55	20181207	20201206	0	65.25	1200	0	Probe Metals inc. (100%)
2529083	CDC	32 E 15	Beschefer	12	41	55.55	20181207	20201206	0	65.25	1200	0	Probe Metals inc. (100%)
38 Titres Miniers						2111.09				\$2,479.50	\$54,600.00	\$ 7,419.00	

Appendix B – Outcrop Location and Descriptions

OutcropWP	Sample_Number	UTME_NAD83	UTMN_NAD83	Date	Lithology	Grainsize	Rock_Texture	Alteration1	Description
AFF001	B00317951	669114.0	5525351.0	June 12, 2019	V3; Mafic Volcanics	Fine Grained	Schistosity; M8	Sericite Weak; Se	Schistosity (Strike 220, dip 50), looks to be massive, fairly oxidized (dark spots of red oxidation throughout, stronger in planes of schistosity)
AFF002	B00317952	669114.0	5525358.0	June 12, 2019	V2; Intermediate Volcanics	Fine Grained	Homogeneous; HOM		Lighter grey than AFF001, also looks to be slightly more massive (potentially higher proportion of quartz), slightly oxidized (less so than AFF001)

Appendix C – Grab Sample Results

Sample	WtKg	Au_ppb	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm
B00317951	1.523	<5	N.A.	<2	6.68	3	283	0.6	<5	2.1	<1	8	34	16.2
B00317952	0.755	<5	N.A.	<2	8.34	<3	209	<0.5	<5	3.27	<1	15	22	36.8
Sample	WtKg	Fe_%	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm
B00317951	1.523	4.77	2.02	14.7	11	0.75	1358	1	1.63	22	405	4	0.39	<5
B00317952	0.755	3.42	0.9	9.1	11	1.42	633	<1	2.74	35	396	4	<0.01	<5
Sample	WtKg	Sc_ppm	Sn_ppm	Sr_ppm	Ti_%	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%
B00317951	1.523	12.5	<10	63.2	0.25	53	<10	11.3	80	133	13.3	303	3.03	<0.01
B00317952	0.755	12.6	<10	179	0.31	89	<10	8.2	60	88.2	16.2	218	4.57	<0.01
Sample	WtKg	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	Nb_ppm	P2O5_%	SiO2_%	Sr_ppm	TiO2_%	Y_ppm	Zn_ppm	Zr_ppm
B00317951	1.523	6.79	2.38	1.33	0.19	2.3	<10	0.1	61.2	69	0.52	17	78	188
B00317952	0.755	4.96	1	2.36	0.09	3.8	<10	0.09	60	190	0.54	<10	55	94

Appendix D – MMI Soil Sampling Locations and Observations

Sample_ID	Site_No	UTME NAD83	UTMN NAD83	Land Drainage	Depth (cm)	Oxidation	Sand%	Clay%	Organic%	Sample Moisture	Colour
B00317301	L2800E-01	669143.0	5523609.0	Wet	60	None		80	20	Wet	Brown-black
B00317302	L2800E-02	669157.0	5523655.0	Wet	35	None	5	75	20	Wet	Brown-black
B00317303	L2800E-03	669179.0	5523695.0	Wet	35	Weak	5	95		Wet	Brown-grey
B00317304	L2800E-04	669190.0	5523752.0	Moist	20	Moderate	5	90		Moist	Brown
B00317305	L2800E-05	669205.0	5523796.0	Dry	25	Weak	10	90		Dry	Brown-grey
B00317306	L2800E-06	669209.0	5523848.0	Dry	50	None	10	90		Dry	Brown
B00317307	L2800E-07	669219.0	5523888.0	Moist	35	None	10	85		Moist	Brown-grey
B00317308	L2800E-08	669262.0	5523944.0	Dry	30	None	10	90		Dry	Brown-grey
B00317309	L2800E-09	669284.0	5523984.0	Dry	40	Moderate	15	80		Dry	Brown
B00317310	L2800E-10	669288.0	5524026.0	Dry	40	None	10	90		Dry	Brown-grey
B00317311	L2800E-11	669313.0	5524069.0	Moist	50	None	5	85	10	Moist	Brown-black
B00317312	L2800E-12	669325.0	5524126.0	Moist	30	Weak	5	95		Moist	Brown-grey
B00317313	L2800E-13	669346.0	5524176.0	Dry	20	Weak	5	95		Dry	Brown
B00317314	L2800E-14	669361.0	5524221.0	Wet	25	Weak	10	85		Wet	Grey
B00317315	L2800E-15	669381.0	5524270.0	Wet	25	Weak	10	85		Wet	Grey
B00317316	L2800E-16	669390.0	5524313.0	Moist	30	Weak	5	95		Moist	Brown-grey
B00317317	L2800E-17	669402.0	5524362.0	Moist	60	None	5	95		Moist	Brown-grey
B00317318	L2800E-18	669424.0	5524407.0	Moist	25	Moderate	10	90		Moist	Brown-grey
B00317319	L2800E-19	669458.0	5524457.0	Moist	40	None	5	95		Moist	Brown
B00317320	L2800E-20	669466.0	5524558.0	Moist	20	Weak	5	90		Moist	Brown
B00317321	L2800E-21	669480.0	5524606.0	Moist	40	None	10	80	5	Moist	Brown-black
B00317322	L0200E-01	666466.0	5524376.0	Moist	30	None		100		Moist	Grey
B00317323	L0200E-02	666474.0	5524408.0	Moist	25	Weak	40	60		Moist	Brown-grey
B00317324	L0200E-03	666489.0	5524475.0	Moist	30	Weak	30	70		Moist	Brown
B00317325	L0200E-04	666494.0	5524514.0	Moist	20	None	10	85		Moist	Brown-grey
B00317326	L0200E-05	666518.0	5524568.0	Moist	80	None		80	20	Moist	Brown-black
B00317327	L0200E-06	666531.0	5524613.0	Moist	40	None	5	75	20	Moist	Black

B00317328	L0200E-07	666551.0	5524654.0	Moist	35	None	5	85	10	Moist	Black
B00317329	L0200E-08	666565.0	5524703.0	Moist	110	None			100	Moist	Grey
B00317330	L0200E-09	666583.0	5524756.0	Moist	110	None			100	Moist	Black
B00317331	L0200E-10	666592.0	5524802.0	Moist	110	None			100	Moist	Brown-black
B00317332	L0200E-11	666609.0	5524845.0	Moist	110	None			100	Moist	Brown-black
B00317333	L0200E-12	666628.0	5524895.0	Wet	110	None		100		Moist	Grey
B00317334	L0200E-13	666646.0	5524945.0	Wet	50	None		100		Moist	Grey
B00317335	L0200E-14	666664.0	5524983.0	Moist	45	None		100		Moist	Brown-grey
B00317336	L0200E-15	666684.0	5525035.0	Moist	25	None		100		Moist	Brown-grey
B00317337	L0400E-11	666851.0	5524918.0	Wet	60	None		100		Moist	Grey
B00317338	L0400E-12	666872.0	5524975.0	Wet	55	None		100		Moist	Grey
B00317339	L0400E-13	666883.0	5525020.0	Wet	40	None		80	20	Moist	Black
B00317340	L0400E-14	666905.0	5525068.0	Moist	40	None		5	95	Moist	Black
B00317341	L0400E-15	666921.0	5525110.0	Moist	40	None		100		Moist	Brown-grey
B00317342	L0400E-16	666927.0	5525162.0	Wet	45	None		100		Moist	Grey
B00317343	L0400E-17	666956.0	5525203.0	Moist	45	None		100		Moist	Brown-grey
B00317344	L0400E-18	666964.0	5525254.0	Wet	55	None		95	5	Moist	Brown-black
B00317345	L0400E-19	666985.0	5525298.0	Moist	25	None		100		Moist	Grey
B00317346	L0400E-20	666995.0	5525350.0	Moist	30	None		100		Wet	Grey
B00317347	L0400E-21	667020.0	5525394.0	Moist	45	None	5	95		Dry	Grey
B00317348	L0400E-22	667034.0	5525446.0	Wet	50	None		100		Wet	Brown-grey
B00317349	L0600E-35	667241.0	5525415.0	Moist	90	None	5	95		Moist	Grey
B00317350	L1600E-01	668012.0	5524625.0	Moist	30	None	5	90		Moist	Brown-grey
B00317351	L1600E-02	668030.0	5524671.0	Wet	110	None			100	Moist	Brown-black
B00317352	L1600E-03	668049.0	5524718.0	Moist	50	None	5	95		Moist	Brown-grey
B00317353	L1600E-04	668067.0	5524772.0	Moist	30	None	5	90		Moist	Brown
B00317354	L1600E-05	668081.0	5524818.0	Moist	35	Moderate	40	60		Moist	Brown
B00317355	L1600E-06	668102.0	5524860.0	Moist	25	Weak	10	90		Moist	Brown-grey
B00317356	L1600E-07	668120.0	5524905.0	Moist	50	None	5	95		Moist	Brown-grey
B00317357	L1600E-08	668124.0	5524957.0	Wet	50	None		100		Moist	Brown-grey
B00317358	L1800E-21	668336.0	5524940.0	Moist	110	None			100	Moist	Brown-black

B00317359	L1800E-20	668321.0	5524887.0	Moist	120	None		100		Moist	Grey
B00317360	L1800E-19	668302.0	5524845.0	Moist	120	None		100		Moist	Grey
B00317361	L1800E-18	668288.0	5524796.0	Moist	130	None		100		Moist	Grey
B00317362	L1800E-17	668281.0	5524744.0	Moist	60	None	5	95		Moist	Brown-grey
B00317363	L1800E-16	668255.0	5524699.0	Wet	40	None		100		Moist	Brown-grey
B00317364	L1800E-15	668239.0	5524657.0	Moist	40	None		100		Moist	Brown-grey
B00317365	L1800E-14	668224.0	5524606.0	Moist	65	None	5	95		Moist	Brown-grey
B00317366	L0400E-01	666509.0	5523911.0	Moist	30	None	5	90		Moist	Brown-grey
B00317367	L0400E-02	666526.0	5523962.0	Moist	40	None	5	95		Moist	Brown-grey
B00317368	L0400E-03	666540.0	5524005.0	Moist	25	None	5	90		Moist	Brown-grey
B00317369	L0400E-04	666562.0	5524053.0	Moist	30	None	5	90		Moist	Brown-grey
B00317370	L0400E-05	666573.0	5524097.0	Dry	30	None	5	95		Dry	Brown-grey
B00317371	L0400E-06	666592.0	5524149.0	Wet	110	None			100	Moist	Brown-black
B00317372	L0400E-07	666607.0	5524192.0	Wet	25	Weak	10	90		Wet	Brown-grey
B00317373	L0400E-08	666624.0	5524241.0	Dry	25	None	5	95		Dry	Brown-grey
B00317374	L0400E-09	666644.0	5524292.0	Wet	35	Weak	10	80		Wet	Brown-black
B00317375	L0400E-10	666657.0	5524338.0	Moist	30	Moderate	45	55		Moist	Brown
B00317376	L0200W-17	665731.0	5523510.0	Moist	70	None		100		Moist	Brown-grey
B00317377	L0200W-18	665737.0	5523563.0	Moist	50	None	10	90		Moist	Grey
B00317378	L0200W-19	665756.0	5523607.0	Moist	70	None	10	85		Moist	Grey
B00317379	L0200W-20	665775.0	5523655.0	Moist	110	None	5	95		Moist	Grey
B00317380	L0200W-21	665792.0	5523706.0	Moist	120	None		100		Wet	Grey
B00317381	L0200W-22	665808.0	5523759.0	Moist	110	None			100	Wet	Brown-black
B00317382	L0200W-23	665829.0	5523805.0	Wet	110	None			100	Wet	Brown
B00317383	L0200W-24	665845.0	5523852.0	Wet	110	None			100	Wet	Brown-black
B00317384	L0200W-25	665863.0	5523906.0	Wet	110	None			100	Wet	Brown-black
B00317385	L0200W-26	665882.0	5523953.0	Wet	70	None	10	90		Wet	Grey
B00317386	L0200W-27	665895.0	5523994.0	Wet	40	None		100		Wet	Brown-grey
B00317387	L0000-13	666120.0	5524011.0	Moist	25	None		95		Moist	Brown-grey
B00317388	L0000-12	666101.0	5523967.0	Wet	35	None	5	90	5	Wet	Dark grey
B00317389	L0000-11	666085.0	5523923.0	Wet	60	None		90	10	Wet	Brown-grey

B00317390	L0000-10	666068.0	5523884.0	Wet	90	None	5	95		Wet	Brown-grey
B00317391	L0000-9	666052.0	5523836.0	Wet	90	None		100		Wet	Grey
B00317392	L0000-8	666037.0	5523790.0	Wet	30	None		100		Moist	Brown-grey
B00317393	L0000-7	666022.0	5523743.0	Moist	35	None	5	95		Moist	Brown-grey
B00317394	L0000-6	665992.0	5523695.0	Wet	35	None	5	95		Moist	Brown-grey
B00317395	L0000-5	665983.0	5523651.0	Wet	120	None		95	5	Wet	Grey
B00317396	L0000-4	665965.0	5523603.0	Wet	110	None			100	Wet	Brown-black
B00317397	L0000-3	665953.0	5523550.0	Wet	110	None			100	Wet	Brown-black
B00317398	L0000-2	665934.0	5523504.0	Wet	110	None			100	Wet	Brown-black
B00317399	L0000-1	665918.0	5523456.0	Wet	110	None			100	Wet	Brown-black
B00317400	L0400W-25	665292.0	5522859.0	Moist	50	None	10	90		Moist	Brown-grey
B00317401	L0400W-25	665293.0	5522860.0	Moist	50	None	10	90		Moist	Brown-grey
B00317402	L0400W-24	665278.0	5522812.0	Moist	65	None	5	95		Moist	Brown-grey
B00317403	L0400W-23	665266.0	5522765.0	Moist	45	None	5	95		Moist	Brown-grey
B00317404	L0400W-22	665249.0	5522724.0	Moist	30	None	25	70		Moist	Brown-grey
B00317405	L0400W-21	665230.0	5522675.0	Moist	110	None			100	Wet	Brown-black
B00317406	L0400W-20	665216.0	5522632.0	Moist	110	None		95	5	Moist	Brown-grey
B00317407	L0400W-19	665198.0	5522580.0	Moist	65	None	5	95		Moist	Brown-grey
B00317408	L0400W-18	665186.0	5522532.0	Moist	30	None	10	90		Dry	Brown-grey
B00317409	L0400W-17	665170.0	5522487.0	Moist	105	Weak	5	95		Moist	Brown-grey
B00317410	L0400W-16	665149.0	5522438.0	Moist	60	None	5	95		Moist	Brown-grey
B00317411	L0400W-15	665132.0	5522386.0	Moist	80	Weak	5	90		Moist	Brown-grey
B00317412	L0400W-14	665116.0	5522341.0	Moist	80	Weak	5	95		Moist	Brown-grey
B00317413	L0400W-13	665101.0	5522294.0	Moist	70	Weak	5	95		Moist	Brown-grey
B00317414	L0400W-12	665085.0	5522248.0	Dry		Weak	5	95		Dry	Brown-grey
B00317415	L0400W-11	665066.0	5522200.0	Moist	70	Weak	10	90		Moist	Brown-grey
B00317416	L0400W-10	665051.0	5522151.0	Moist	110	None			100	Moist	Brown-black
B00317417	L0400W-09	665034.0	5522109.0	Wet	110	None			100	Wet	Brown-black
B00317418	L0400W-08	665025.0	5522064.0	Moist	70	None		100		Wet	grey
B00317419	L0400W-07	665005.0	5522016.0	Moist	105	None	5	95		Moist	brown-grey
B00317420	L0400W-06	664988.0	5521971.0	Wet		None	5	90	5	Wet	grey

B00317421	L0400W-05	664977.0	5521922.0	Wet	100	None		100		Wet	brown-grey
B00317422	L0400W-04	664955.0	5521875.0	Wet	115	Weak	5	95		Wet	brown-grey
B00317423	L0400W-03	664940.0	5521827.0	Wet	110	Weak		100		Wet	grey
B00317424	L0400W-02	664922.0	5521778.0	Moist	80	Weak	5	95		Moist	brown-grey
B00317425	L0400W-01	664912.0	5521727.0	Moist	70	None	5	95		Moist	brown-grey
B00317426	L1000W-01	664303.0	5521831.0	Moist	50	None		100		Moist	brown-grey
B00317427	L1000W-02	664324.0	5521880.0	Wet	90	None		100		Moist	grey
B00317428	L1000W-03	664338.0	5521930.0	Wet	110	None			100	Wet	Brown-black
B00317429	L1000W-04	664354.0	5521975.0	Wet	110	None			100	Wet	Brown-black
B00317430	L1000W-05	664374.0	5522018.0	Wet	110	None			100	Wet	Brown-black
B00317431	L1000W-06	664392.0	5522065.0	Wet	45	None	5	95		wet	brown-grey
B00317432	L1000W-07	664402.0	5522114.0	Wet	80	None	5	95		Wet	brown-grey
B00317433	L1000W-08	664420.0	5522161.0	Moist	55	None		100		Moist	brown-grey
B00317434	L1000W-09	664434.0	5522208.0	Moist	55	None	5	95		Moist	brown-grey
B00317435	L1000W-10	664451.0	5522259.0	Moist	40	None	10	90		Moist	Brown-grey
B00317436	L1000W-11	664473.0	5522303.0	Moist	45	None	5	95		Moist	brown-grey
B00317437	L1000W-12	664484.0	5522346.0	Moist	100	None		100		Wet	Grey
B00317438	L1000W-13	664501.0	5522393.0	Moist	100	None	5	95		Wet	Grey
B00317439	L1000W-14	664876.0	5522270.0	Wet	100	None		100		Wet	Grey
B00317440	L1000W-15	664865.0	5522223.0	Wet	100	None	5	95		Moist	Grey
B00317441	L1000W-16	664850.0	5522177.0	Wet	110	None			100	Wet	Brown-black
B00317442	L1000W-17	664830.0	5522135.0	Wet	45	None	5	95		Wet	brown-grey
B00317443	L1000W-18	664812.0	5522076.0	Wet	65	None	3	95		Wet	brown-grey
B00317444	L1000W-19	664798.0	5522026.0	Wet	50	None	5	95		Moist	brown-grey
B00317445	L1000W-20	664781.0	5521985.0	Moist	85	None	5	95		moist	Grey
B00317446	L1000W-21	664767.0	5521936.0	Wet	110	None			100	Wet	Brown-black
B00317447	L1000W-22	664747.0	5521889.0	Wet	55	None		100		Wet	grey
B00317448	L1000W-23	664731.0	5521842.0	Moist	100	None		100		Wet	grey
B00317449	L1000W-24	664718.0	5521792.0	Moist	55	None	10	90		Moist	brown-grey
B00317450	L1000W-25	664707.0	5521744.0	Wet	50	None		100		Wet	brown-grey
B00317451	L1800E-01	667588.0	5522979.0	Wet	80	Weak	10	90		Wet	Grey

B00317452	L1800E-02	667594.0	5523026.0	Wet	50	None	5	95		Wet	Brown-grey
B00317453	L1800E-03	667609.0	5523072.0	Moist	70	None		100		Moist	Brown-grey
B00317454	L1800E-04	667629.0	5523112.0	Moist	75	Weak		100		Wet	Grey
B00317455	L1800E-05	667647.0	5523164.0	Wet	110	None		100		Wet	Grey
B00317456	L1800E-06	667660.0	5523208.0	Moist	65	Weak		100		Wet	Brown-grey
B00317457	L1800E-07	667678.0	5523260.0	Moist	75	None		100		Moist	Brown-grey
B00317458	L1800E-08	667693.0	5523309.0	Moist	110	None	5	95		Moist	Grey
B00317459	L1800E-09	667716.0	5523354.0	Wet	110	None			100	Wet	Brown-black
B00317460	L1800E-10	667730.0	5523398.0	Wet	95	None		100		Wet	Brown-grey
B00317461	L1800E-11	667745.0	5523448.0	Wet	70	Weak		100		Wet	Brown-grey
B00317462	L1800E-12	667759.0	5523492.0	Moist	80	Weak	5	95		Moist	Brown-grey
B00317463	L1800E-13	667777.0	5523545.0	Wet	80	Weak	10	90		Wet	Grey
B00317601	L2200E-01	668759.0	5524315.0	Wet	110-125	None	15	35	50	Wet	Brown-black
B00317602	L2200E-02	668774.0	5524382.0	Moist	100-115	None		80	20	Moist	Grey
B00317603	L2200E-03	668792.0	5524409.0	Moist	80-95	Weak	25	65	10	Moist	Brown-grey
B00317604	L2200E-04	668808.0	5524457.0	Moist	70-85	None	15	80	5	Moist	Brown-grey
B00317605	L2200E-05	668823.0	5524507.0	Moist	80-95	Weak	5	85	10	Moist	Brown-grey
B00317606	L2200E-06	668841.0	5524553.0	Moist	80-95	Weak	20	75	5	Moist	Brown-grey
B00317607	L2200E-07	668858.0	5524598.0	Moist	45-60	None	5	90	5	Wet	Brown
B00317608	L2200E-08	668874.0	5524649.0	Moist	40-55	Weak	15	80	5	Moist	Brown
B00317609	L2200E-09	668891.0	5524695.0	Dry	45-60	Weak	15	80	5	Moist	Brown-grey
B00317610	L2200E-10	668900.0	5524745.0	Dry	50-65	None	5	90	5	Moist	Dark grey
B00317611	L2200E-11	668923.0	5524784.0	Dry	30-45	Weak		100		Wet	Brown-grey
B00317612	L2200E-12	668936.0	5524837.0	Dry	50-65	None		95	5	Wet	Brown-grey
B00317613	L2200E-13	668967.0	5524884.0	Dry	75-90	None	5	90	5	Wet	Brown-grey
B00317614	L2200E-14	668970.0	5524930.0	Moist	50-65	None		100		Wet	Brown-grey
B00317615	L2200E-15	668990.0	5524978.0	Dry	50-65	None		95	5	Wet	Grey
B00317616	L2200E-16	669008.0	5525021.0	Dry	28-43	None	50	40	10	Dry	Brown-black
B00317617	L2200E-17	669008.0	5525089.0	Dry	14-29	None	10	90		Moist	Grey
B00317618	L2200E-18	669031.0	5525126.0	Dry	14-29	None	30	70		Dry	Grey
B00317619	L2200E-19	669051.0	5525164.0	Dry	18-33	Weak	30	70		Dry	Brown-grey

B00317620	L2200E-20	669061.0	5525231.0	Dry	20-35	None		100		Wet	Grey
B00317621	L2200E-21	669085.0	5525260.0	Dry	20-35	Weak	30	70		Moist	Brown-grey
B00317622	L2200E-22	669095.0	5525313.0	Dry	25-40	None		95	5	Moist	Grey
B00317623	L2200E-23	669114.0	5525355.0	Dry	12 to 27	Weak	35	65		Moist	Brown-grey
B00317624	L0000-14	666247.0	5524385.0	Dry	20-35	Weak	15	85		Moist	Brown-grey
B00317625	L0000-15	666262.0	5524434.0	Dry	20-35	Weak	10	90		Moist	Brown-grey
B00317626	L0000-16	666278.0	5524482.0	Dry	60-75	None		80	20	Wet	Brown-black
B00317627	L0000-17	666293.0	5524532.0	Dry	20-35	Weak	50	50		Wet	Brown
B00317628	L0000-18	666308.0	5524576.0	Dry	15-30	Weak	35	60	5	Moist	Brown-grey
B00317629	L0000-19	666326.0	5524627.0	Dry	45-60	None	10	80	10	Moist	Brown-black
B00317630	L0000-20	666342.0	5524670.0	Dry	90-105	None		100		Wet	Brown-grey
B00317631	L0000-21	666359.0	5524716.0	Dry	100-115	None		100		Wet	Grey
B00317632	L0000-22	666376.0	5524769.0	Dry	115-130	None		100		Wet	Grey
B00317633	L0000-23	666388.0	5524815.0	Dry	110-125	None			100	Wet	Black
B00317634	L0000-24	666407.0	5524860.0	Dry	40-55	None		95	5	Wet	Grey
B00317635	L0000-25	666423.0	5524910.0	Dry	50-65	None		95	5	Wet	Brown
B00317636	L0000-26	666441.0	5524955.0	Moist	115-130	None		100		Wet	Grey
B00317637	L0000-27	666455.0	5525001.0	Dry	110-125	None			100	Wet	Brown-black
B00317638	L0000-28	666473.0	5525048.0	Moist	110-125	None			100	Wet	Brown-black
B00317639	L0000-29	666489.0	5525098.0	Dry	60-75	None		100		Wet	Grey
B00317640	L0600E-22	667027.0	5524806.0	Moist	60-75	None		95		Wet	Grey
B00317641	L0600E-23	667040.0	5524854.0	Moist	40-55	None		95		Wet	Grey
B00317642	L0600E-24	667056.0	5524901.0	Dry	45-60	Weak	15	85		Moist	Brown-grey
B00317643	L0600E-25	667073.0	5524951.0	Dry	30-45	Weak		95	5	Wet	Brown-grey
B00317644	L0600E-26	667089.0	5524999.0	Dry	60-75	None		95	5	Wet	Dark grey
B00317645	L0600E-27	667104.0	5525044.0	Dry	60-75	None		95	5	Wet	Brown-grey
B00317646	L0600E-28	667121.0	5525090.0	Dry	65-80	None		90	10	Wet	Brown-grey
B00317647	L0600E-29	667139.0	5525136.0	Dry	70-85	None		95	5	Wet	Grey
B00317648	L0600E-30	667149.0	5525186.0	Moist	45-60	None		100		Wet	Dark grey
B00317649	L0600E-31	667171.0	5525228.0	Moist	50-65	Weak	5	85		Wet	Brown-grey
B00317650	L0600E-32	667187.0	5525280.0	Moist	80-95	None		100		Wet	Grey

B00317651	L0600E-33	667204.0	5525328.0	Dry	90-105	None		100		Wet	Grey
B00317652	L0600E-34	667216.0	5525375.0	Dry	60-75	None		60	40	Wet	Brown-black
B00317653	L200E-31	668923.0	5525494.0	Moist	30-45	Weak	25	70	5	Moist	Brown
B00317654	L200E-30	668914.0	5525448.0	Dry	11 to 26	Weak	10	90		Moist	Brown
B00317655	L200E-29	668891.0	5525396.0	Dry	16-31	Weak	5	95		Wet	Brown
B00317656	L200E-28	668875.0	5525352.0	Dry	55-70	Weak	5	95		Moist	Brown-grey
B00317657	L200E-27	668858.0	5525305.0	Dry	70-85	Weak	10	70		Moist	Brown-grey
B00317658	L200E-26	668842.0	5525257.0	Dry	65-80	Weak		95		Wet	Brown-grey
B00317659	L200E-25	668825.0	5525211.0	Dry	60-75	Weak		95	5	Wet	Brown
B00317660	L200E-24	668808.0	5525163.0	Dry	45-60	Weak		95	5	Wet	Brown-grey
B00317661	L200E-23	668793.0	5525115.0	Dry	85-100	None		40	60	Moist	Brown-black
B00317662	L200E-22	668776.0	5525068.0	Dry	70-85	Weak	15	85		Wet	Brown-grey
B00317663	L200E-21	668758.0	5525021.0	Dry	60-75	Weak		90	10	Wet	Brown
B00317664	L200E-20	668744.0	5524973.0	Dry	80-95	None		100		Moist	Brown-grey
B00317665	L200E-19	668729.0	5524925.0	Dry	110-125	None			100	Wet	Black
B00317666	L200E-18	668710.0	5524878.0	Dry	50-65	Weak		95	5	Wet	Brown-grey
B00317667	L200E-17	668694.0	5524832.0	Dry	80-95	Weak	10	90		Moist	Brown-grey
B00317668	L200E-16	668676.0	5524781.0	Dry	45-60	Weak	30	70		Moist	Brown-grey
B00317669	L200E-15	668664.0	5524736.0	Dry	85-100	Weak	10	85	5	Moist	Brown-grey
B00317670	L0600E-12	666684.0	5523809.0	Dry	80-95	None		95	5	Moist	Brown-grey
B00317671	L0600E-13	666700.0	5523862.0	Dry	70-85	None		95	5	Wet	Grey
B00317672	L0600E-14	666713.0	5523910.0	Dry	65-80	None		100		Wet	Brown-grey
B00317673	L0600E-15	666730.0	5523957.0	Dry	65-80	None		100		Moist	Brown-grey
B00317674	L0600E-16	666748.0	5524005.0	Moist	80-95	None		100		Wet	Grey
B00317675	L0600E-17	666766.0	5524048.0	Dry	24-39	Weak	40	60		Moist	Brown-grey
B00317676	L0600E-18	666783.0	5524096.0	Dry	110-125	None		25	75	Wet	Black
B00317677	L0800E-13	666902.0	5523842.0	Dry	60-75	None		95	5	Wet	Brown
B00317678	L0800E-12	666886.0	5523796.0	Dry	65-80	Weak		100		Wet	Brown
B00317679	L0800E-11	666866.0	5523743.0	Dry	50-65	Weak	10	90		Moist	Brown-grey
B00317680	L0800E-10	666853.0	5523701.0	Dry	105-120	None		100		Wet	Grey
B00317681	L0800E-09	666837.0	5523654.0	Moist	60-75	None		100		Wet	Grey

B00317682	L0800E-08	666821.0	5523607.0	Moist	50-65	None		100		Wet	Brown-grey
B00317683	L0800E-07	666430.0	5522471.0	Moist	50-65	None	15	85		Wet	Brown
B00317684	L0800E-06	666414.0	5522425.0	Dry	50-65	None		90	10	Moist	Brown-grey
B00317685	L0800E-05	666396.0	5522375.0	Moist	70-85	Weak		80	20	Wet	Grey
B00317686	L0800E-04	666384.0	5522321.0	Wet	25-40	None	10	90		Wet	Brown-grey
B00317687	L0800E-03	666366.0	5522277.0	Wet	85-100	None		100		Wet	Grey
B00317688	L0800E-02	666351.0	5522233.0	Moist	90-105	None		100		Wet	Grey
B00317689	L0800E-01	666332.0	5522189.0	Dry	60-75	Weak		100		Moist	Brown-grey
B00317690	L1000E-01	666570.0	5522266.0	Dry	50-65	Weak	5	90		Moist	Brown-grey
B00317691	L1000E-02	666590.0	5522315.0	Dry	70-85	Weak		95	5	Wet	Brown-grey
B00317692	L1000E-03	666601.0	5522361.0	Moist	90-105	Weak		80	20	Wet	Brown-black
B00317693	L1000E-04	666621.0	5522406.0	Dry	70-85	Weak		100		Wet	Brown
B00317694	L1000E-05	666637.0	5522453.0	Dry	50-65	Weak	10	90		Wet	Brown-grey
B00317695	L1000E-06	666654.0	5522504.0	Dry	70-85	Weak		95		Wet	Brown-grey
B00317696	L1000E-07	666669.0	5522545.0	Dry	29-44	Weak		100		Moist	Brown-grey
B00317697	L1000E-08	666688.0	5522603.0	Dry	60-75	Weak	10	90		Wet	Brown-grey
B00317698	L1000E-09	666701.0	5522643.0	Dry	55-70	Weak	15	80		Wet	Brown-grey
B00317699	L1000E-10	666716.0	5522693.0	Dry	80-95	Weak	25	70	5	Wet	Brown-grey
B00317700	L1000E-10	666720.0	5522691.0	Dry	80-95	Weak	25	70	5	Wet	Brown-grey
B00317701	L1000E-11	666736.0	5522741.0	Moist	39-54	Weak	60	40		Moist	Brown-grey
B00317702	L1000E-12	666747.0	5522781.0	Moist	30-45	None		95	5	Moist	Brown-grey
B00317703	L1000E-13	666765.0	5522834.0	Dry	21-36	Weak	25	75		Moist	Brown-grey
B00317704	L1000E-14	666784.0	5522882.0	Dry	11 to 26	Weak	65	35		Moist	Brown-grey
B00317705	L1000E-15	666824.0	5522894.0	Dry	15-30	Weak	35	65		Moist	Brown-grey
B00317706	L0200W-01	665253.0	5522131.0	Moist	45-60	None	30	70		Moist	Brown-grey
B00317707	L0200W-02	665273.0	5522183.0	Moist	85-100	None	15	85		Moist	Brown-grey
B00317708	L0200W-03	665292.0	5522231.0	Moist	65-80	Weak	20	80		Moist	Brown-grey
B00317709	L0200W-04	665307.0	5522279.0	Moist	65-80	None	20	80		Moist	Brown-grey
B00317710	L0200W-05	665326.0	5522333.0	Moist	50-65	None	10	90		Moist	Brown-grey
B00317711	L0200W-06	665342.0	5522372.0	Moist	110-125	None	5	95		Moist	Brown-grey
B00317712	L0200W-07	665361.0	5522423.0	Moist	110-125	None			100	Moist	Brown-black

B00317713	L0200W-08	665371.0	5522468.0	Moist	110-125	None			100	Moist	Brown-black
B00317714	L0200W-09	665390.0	5522514.0	Moist	115-130	None			100	Moist	Brown-black
B00317715	L0200W-10	665407.0	5522561.0	Moist	40-55	Weak	25	75		Moist	Brown-grey
B00317716	L0200W-11	665422.0	5522611.0	Moist	60-75	None	10	90		Moist	Brown-grey
B00317717	L0200W-12	665441.0	5522655.0	Moist	75-90	None	5	95		Moist	Brown-grey
B00317718	L0200W-13	665454.0	5522698.0	Moist	50-65	Weak	25	75		Moist	Brown-grey
B00317719	L0200W-14	665473.0	5522750.0	Moist	80-95	Weak	5	95		Moist	Brown-grey
B00317720	L0200W-15	665487.0	5522797.0	Moist	45-60	None	5	95		Moist	Brown-grey
B00317721	L0200W-16	665503.0	5522848.0	Moist	60-75	None	5	95		Moist	Brown-grey
B00317722	L0600E-01	666166.0	5522302.0	Dry	60-75	Weak		100		Moist	Brown-grey
B00317723	L0600E-02	666176.0	5522350.0	Dry	70-85	None	5	95		Wet	Brown-grey
B00317724	L0600E-03	666196.0	5522402.0	Dry	85-100	Weak	5	95		Moist	Brown-grey
B00317725	L0600E-04	666207.0	5522441.0	Dry	45-60	Weak	5	95		Moist	Brown-grey
B00317726	L0600E-05	666232.0	5522483.0	Dry	70-85	Weak		100		Moist	Brown-grey
B00317727	L0600E-06	666243.0	5522540.0	Dry	60-75	Weak	5	95		Moist	Brown-grey
B00317728	L0600E-07	666261.0	5522583.0	Dry	95-110	None		100		Wet	Grey
B00317729	L0600E-08	666275.0	5522633.0	Moist	80-95	None		100		Wet	Grey
B00317730	L0600E-09	666290.0	5522677.0	Moist	110-125	None			100	Wet	Brown-black
B00317731	L0600E-10	666309.0	5522726.0	Moist	115-130	None			100	Wet	Brown-black
B00317732	L0600E-11	666322.0	5522773.0	Moist	115-130	None			100	Wet	Brown-black
B00317733	L1200W-01	664456.0	5522888.0	Dry	65-80	Weak		100		Moist	Brown-grey
B00317734	L1200W-02	664475.0	5522934.0	Dry	95-110	None		100		Moist	Grey
B00317735	L1200W-03	664493.0	5522984.0	Dry	55-70	Weak	5	95		Moist	Brown-grey
B00317736	L1200W-04	664507.0	5523030.0	Dry	70-85	Weak	10	90		Moist	Brown-grey
B00317737	L1200W-05	664523.0	5523076.0	Dry	65-80	Weak	5	95		Moist	Brown-grey
B00317738	L1200W-06	664541.0	5523125.0	Dry	45-60	None		100		Moist	Brown-grey
B00317739	L1200W-07	664557.0	5523171.0	Dry	20-35	Weak	25	75		Dry	Brown-grey
B00317740	L1200W-08	664571.0	5523219.0	Dry	45-60	Weak	20	80		Dry	Brown
B00317741	L1200W-09	664589.0	5523264.0	Dry	40-55	Weak	15	85		Dry	Brown
B00317742	L1200W-10	664606.0	5523314.0	Dry	50-65	Weak		100		Moist	Brown-grey
B00317743	L1200W-11	664621.0	5523362.0	Dry	50-65	Weak	10	90		Moist	Brown-grey

B00317744	L1200W-12	664638.0	5523407.0	Dry	115-130	None			100	Moist	Brown-black
B00317745	L1200W-13	664653.0	5523453.0	Dry	35-50	Weak	10	90		Moist	Brown-grey
B00317746	L1200W-14	664673.0	5523502.0	Dry	100-115	Weak		100		Moist	Brown-grey
B00317747	L1200W-15	664689.0	5523548.0	Dry	110-125	None		100		Wet	Grey
B00317748	L1400W-14	664467.0	5523521.0	Dry	95-110	Weak		100		Wet	Brown-grey
B00317749	L1400W-13	664447.0	5523471.0	Dry	80-95	Weak	5	95		Moist	Brown-grey
B00317750	L1400W-12	664432.0	5523420.0	Dry	115-130	None			100	Wet	Brown-black
B00317751	L1400W-11	664416.0	5523375.0	Dry	115-130	None			100	Wet	Brown-black
B00317752	L1400W-10	664398.0	5523330.0	Dry	115-130	None		100		Wet	Grey
B00317753	L1400W-09	664384.0	5523280.0	Dry	120-135	None			100	Wet	Brown-black
B00317754	L1400W-08	664365.0	5523234.0	Dry	80-95	Weak		100		Moist	Brown-grey
B00317755	L1400W-07	664349.0	5523189.0	Dry	60-75	Weak		100		Moist	Brown-grey
B00317756	L1400W-06	664336.0	5523138.0	Dry	70-85	Weak		100		Moist	Brown-grey
B00317757	L1400W-05	664317.0	5523092.0	Dry	35-50	Weak		100		Dry	Brown-grey
B00317758	L1400W-04	664300.0	5523040.0	Moist	45-60	Weak	10	90		Wet	Brown-grey
B00317759	L1400W-03	664288.0	5522994.0	Dry	45-60	Weak	35	65		Moist	Brown
B00317760	L1400W-02	664270.0	5522950.0	Dry	65-80	Weak		100		Wet	Brown-grey
B00317761	L1400W-01	664253.0	5522903.0	Dry	100-115	None		100		Wet	Grey
B00317762	L2000E-14	668277.0	5523547.0	Wet	110-125	None		100		Wet	Grey
B00317763	L2000E-13	668242.0	5523496.0	Wet	110-125	None		100		Wet	Grey
B00317764	L2000E-12	668225.0	5523448.0	Moist	70-85	Weak		100		Moist	Grey
B00317765	L2000E-11	668215.0	5523398.0	Moist	100-115	Weak		100		Moist	Brown-grey
B00317766	L2000E-10	668196.0	5523356.0	Moist	100-115	None		100		Moist	Grey
B00317767	L2000E-09	668181.0	5523309.0	Moist	70-85	None	5	95		Moist	Grey
B00317768	L2000E-08	668162.0	5523261.0	Moist	110-125	None	5	95		Moist	Grey
B00317769	L2000E-07	668148.0	5523213.0	Moist	110-125	None			100	Wet	Brown-black
B00317770	L2000E-06	668131.0	5523168.0	Moist	110-125	None			100	Moist	Brown-black
B00317771	L2000E-05	668118.0	5523119.0	Moist	110-125	None			100	Moist	Brown-black
B00317772	L2000E-04	668099.0	5523072.0	Moist	110-125	None			100	Wet	Brown-black
B00317773	L2000E-03	668081.0	5523028.0	Wet	70-85	None	5	95		Wet	Grey
B00317774	L2000E-02	668066.0	5522976.0	Wet	90-105	None	5	95		Wet	Grey

B00317775	L2000E-01	668049.0	5522929.0	Wet	110-125	None			100	Moist	Brown-black
B00317776	L0600E-19	666794.0	5524145.0	Dry	30-45	Weak	5	95		Dry	Brown-grey
B00317777	L0600E-20	666815.0	5524193.0	Dry	20-35	Weak	5	95		Dry	Brown-grey
B00317778	L0600E-21	666822.0	5524239.0	Dry	60-75	Weak	5	95		Moist	Brown-grey

Appendix E – MMI Soil Sampling Results

Sample_ID	Ag ppb	Al ppm	As ppb	Au ppb	Au RR	Ca ppm	Co ppb	Cr ppb	Cu ppb	Fe ppm	K ppm	La ppb	Li ppb	Mg ppm	Mn ppb	Mo ppb	Ni ppb	P ppm	Pb ppb	Sr ppb	Ti ppb	U ppb	W ppb	Y ppb	Zn ppb	Zr ppb
B00317301	1.5	70	5	0.05	1	134	18	50	390	131	3.5	5	6	30.6	600	3	54	0.8	24	550	140	167	0.25	7	110	7
B00317302	0.9	130	5	0.05	1	55	60	50	100	86	6.4	7	11	15.5	50	1	47	0.4	106	220	280	17.7	0.25	47	140	11
B00317303	1.1	106	5	0.1	2	117	1890	50	770	156	16	17	15	45.8	32300	2	224	0.5	23	550	420	10.3	0.25	22	830	30
B00317304	2.8	227	5	0.05	1	2	52	50	190	53	9.9	52	11	1.5	900	1	47	0.7	235	20	980	3.3	0.25	59	270	36
B00317305	6.8	8	5	0.3	6	386	34	50	540	3	12.5	7	17	80.7	1500	1	48	0.05	39	710	5	0.25	0.25	39	5	6
B00317306	12.6	9	5	0.3	6	438	7	50	580	5	17.4	42	26	102	500	1	47	0.05	18	840	5	13	0.25	61	30	4
B00317307	9	35	5	0.1	2	442	62	50	660	14	11.8	111	17	97.6	5400	2	286	0.05	63	820	5	54.9	0.25	109	230	6
B00317308	6.7	12	5	0.2	4	515	17	50	750	7	19.4	23	0.5	102	600	1	79	0.05	9	730	5	1.2	0.25	35	5	8
B00317309	0.9	249	5	0.05	1	19	38	100	220	68	22.6	278	45	13	1900	1	68	1.4	247	120	3000	8.8	1.2	252	120	129
B00317310	9.6	14	5	0.4	8	385	26	50	1240	11	15.1	57	14	138	1700	1	160	0.05	26	340	10	5	0.25	70	30	16
B00317311	5.2	27	5	0.05	1	484	56	50	1320	24	11.5	22	46	109	1900	6	190	0.05	183	720	10	127	0.25	36	380	4
B00317312	3	168	5	0.2	4	165	71	50	480	41	26.3	763	15	59.5	2400	1	120	0.5	233	720	930	10.2	0.6	443	170	103
B00317313	1.2	51	5	0.05	1	575	10	50	460	12	24.7	897	29	155	600	1	204	0.05	125	2260	5	16.7	0.25	887	550	24
B00317314	2.3	100	5	0.2	4	183	56	50	540	32	16.7	1040	10	50.8	1900	1	262	0.2	283	800	550	37.2	0.25	786	100	66
B00317315	3.3	73	5	0.1	2	336	31	50	450	12	16.3	991	45	96.3	2800	1	164	0.05	137	1400	10	19.1	0.25	666	300	41
B00317316	12.1	42	5	0.3	6	464	12	50	570	13	17.1	443	7	147	800	1	73	0.05	75	1250	10	6.6	0.25	332	110	19
B00317317	1.3	283	5	0.05	1	19	29	50	260	100	13.4	8	19	8	700	1	31	0.2	6	140	430	1.8	0.25	4	70	21
B00317318	3.3	269	5	0.05	1	32	32	100	180	64	21.2	260	61	16.8	1500	1	84	1.1	307	130	3650	7.6	1.4	138	80	139
B00317319	7.6	12	5	0.7	14	494	9	50	780	5	17.4	10	4	71.2	600	1	52	0.05	20	680	5	1.7	0.25	39	5	10
B00317320	18.3	32	5	0.1	2	355	53	50	300	25	14	156	2	117	2500	1	74	0.05	22	600	30	7.7	0.25	57	20	8
B00317321	5.6	63	5	0.05	1	354	68	50	430	45	12.4	231	18	96.3	6700	1	178	0.05	58	630	30	23.5	0.25	142	50	13
B00317322	5.7	28	5	0.05	1	418	5	50	660	9	18.7	272	10	127	300	1	88	0.05	88	1360	5	11.4	0.25	291	220	16
B00317323	0.8	196	5	0.05	1	80	47	50	230	41	15.2	61	11	29.5	300	1	63	0.05	299	560	160	2.8	0.25	242	50	11
B00317324	5.7	97	5	0.1	2	305	15	50	720	11	24.2	459	3	77.2	400	1	64	0.05	192	1320	30	19.8	0.25	642	340	42
B00317325	4.4	17	5	0.1	2	483	11	50	550	7	18.5	309	22	158	500	1	156	0.05	64	2840	5	12.3	0.25	466	370	10

B00317326	3.2	126	5	0.05	1	134	67	50	80	101	14.8	8	16	40.2	100	1	94	0.1	45	680	190	22.5	0.25	27	150	13
B00317327	5.2	73	5	0.05	1	327	24	50	820	20	12.6	91	2	77	200	1	127	0.05	276	1400	50	401	0.25	137	60	6
B00317328	1.5	122	5	0.05	1	145	80	50	310	51	10.4	61	22	67	1900	1	86	0.1	327	780	90	140	0.25	382	1150	5
B00317329	10.2	80	5	0.05	1	325	70	50	4320	75	22.1	249	36	67.2	4000	9	159	0.5	768	1350	920	68.5	1.6	172	400	138
B00317330	0.25	31	5	0.05	1	196	13	50	50	29	0.8	4	0.5	29	2000	2	17	0.4	29	590	10	3.2	0.25	11	220	3
B00317331	0.25	36	5	0.05	1	164	14	50	10	34	0.25	5	0.5	27.2	600	1	15	0.4	30	530	20	2.5	0.25	15	490	4
B00317332	0.25	34	5	0.05	1	110	15	50	10	62	3.2	5	0.5	20	300	6	19	1	226	390	20	1.8	0.25	10	390	8
B00317333	6.6	34	5	0.1	2	378	44	50	2370	29	19.4	147	23	76.1	3700	14	128	0.05	421	1990	270	28.1	0.5	82	160	53
B00317334	5.7	28	5	0.1	2	484	93	50	1540	14	14.4	272	29	131	4100	1	188	0.05	99	1560	30	28.6	0.25	237	420	27
B00317335	5.2	15	5	0.3	6	455	10	50	710	8	11.8	39	22	136	700	1	51	0.05	33	1470	5	4.7	0.25	94	100	8
B00317336	5.3	27	5	0.7	14	443	22	50	1240	8	14.5	409	7	158	600	1	27	0.05	42	1750	5	13.4	0.25	539	160	14
B00317337	7.2	16	5	0.2	4	533	79	50	3470	18	23.1	182	18	152	3000	1	159	0.05	176	3040	20	43.4	0.25	143	100	37
B00317338	6.5	30	5	0.05	1	384	74	50	2110	18	14.8	175	12	98.3	2400	2	236	0.05	164	1710	20	90.9	0.25	178	250	25
B00317339	1.3	71	5	0.05	1	220	26	50	60	116	2	0.5	7	44.2	1200	1	21	0.3	2.5	1080	70	9	0.25	1	5	5
B00317340	0.25	55	5	0.05	1	121	9	50	5	66	0.25	0.5	0.5	26.5	50	1	12	0.3	2.5	550	30	7.9	0.25	6	30	7
B00317341	4.3	90	5	0.1	2	254	37	50	640	77	12.2	295	17	65.2	500	1	228	0.4	148	950	680	24.7	0.6	297	390	87
B00317342	9.6	112	5	0.05	1	247	186	50	1130	85	16	123	12	62.9	3000	1	258	0.2	215	1310	190	96.5	0.25	281	380	48
B00317343	1.2	89	5	0.05	1	252	17	50	590	22	19.2	180	5	64.8	500	1	69	0.05	141	990	70	11.5	0.25	280	970	51
B00317344	13	101	5	0.05	1	291	23	50	1360	52	22.1	280	9	72.3	100	1	172	0.3	376	1220	160	420	0.8	606	330	48
B00317345	10.2	9	5	0.1	2	408	8	50	720	4	19.8	20	53	114	200	1	42	0.05	32	1990	5	6.8	0.25	56	250	5
B00317346	3.3	7	5	0.2	4	310	39	50	410	3	16.8	5	18	77.7	1600	1	53	0.05	28	940	5	2.1	0.25	26	80	4
B00317347	3.7	65	5	0.1	2	302	4	50	240	14	14.9	130	6	67.6	200	1	64	0.05	36	630	70	9.2	0.25	92	390	17
B00317348	4.1	18	5	0.1	2	459	107	50	750	12	19.1	70	4	83.2	6500	1	101	0.05	22	1090	20	11.1	0.25	48	100	16
B00317349	8.9	55	5	0.2	4	369	54	50	4390	43	21.8	265	29	80.9	2200	12	137	0.7	657	1050	1180	53.6	1.9	125	220	163
B00317350	7.2	27	5	0.2	4	345	9	50	680	12	17.3	217	9	90.5	200	1	58	0.05	61	1430	20	9.4	0.25	201	170	18
B00317351	0.25	59	5	0.05	1	197	57	50	170	97	0.8	0.5	0.5	40.1	2100	3	25	0.4	7	460	20	18.3	0.25	7	240	4
B00317352	3.9	47	5	0.05	1	285	12	50	250	16	14.7	165	8	67.9	500	1	91	0.1	29	710	160	16.5	0.25	101	540	28

B00317353	5.6	20	5	0.3	6	536	6	50	690	7	14.6	518	25	175	200	1	45	0.05	39	218 0	5	10.4	0.25	724	160	9
B00317354	3.5	309	5	0.05	1	18	67	50	210	95	16.6	81	34	12.4	400	1	124	1.2	271	140	168 0	7.7	0.8	218	460	65
B00317355	1.5	198	5	0.05	1	12	17	50	130	49	12	206	7	2.3	300	1	49	0.4	239	40	124 0	4.8	0.25	147	60	37
B00317356	6.2	13	5	0.2	4	411	10	50	420	5	13.3	137	4	112	500	1	36	0.05	17	131 0	5	5.4	0.25	133	70	6
B00317357	3.2	30	5	0.1	2	377	14	50	420	17	13.5	165	6	93.2	1200	1	106	0.1	39	102 0	140	30.6	0.25	164	440	28
B00317358	0.2 5	44	5	0.05	1	113	4	50	10	78	0.25	0.5	0.5	18.4	100	3	14	0.5	2.5	410	30	3.8	0.25	6	220	7
B00317359	12. 1	29	5	0.2	4	444	53	50	594 0	29	22.6	154	29	83.2	3500	21	108	0.1	604	166 0	190	34.3	1.4	97	90	39
B00317360	12	9	5	0.2	4	469	37	50	591 0	12	19.3	19	42	90.6	3600	1	59	0.05	197	324 0	5	38.8	0.7	55	100	13
B00317361	8.6	79	5	0.2	4	408	61	50	529 0	89	23.2	291	55	76.5	2300	7	139	0.5	537	141 0	880	136	1.3	133	190	104
B00317362	6.5	34	5	0.1	2	364	19	50	770	18	12.7	202	16	85.2	400	1	38	0.1	41	880	50	23.8	0.25	149	70	25
B00317363	8.2	41	5	0.1	2	506	35	50	120 0	28	12.5	176	6	122	1700	1	171	0.05	96	150 0	20	9.8	0.25	203	350	41
B00317364	5.5	16	5	0.1	2	439	21	50	510	6	17.5	12	14	101	1000	1	43	0.05	41	145 0	5	6.5	0.25	49	70	8
B00317365	6.2	23	5	0.1	2	504	15	50	400	21	16.6	75	5	80.9	200	1	51	0.2	18	123 0	150	3.5	0.25	45	370	22
B00317366	7.9	38	5	0.2	4	350	8	50	480	11	17.2	495	8	126	700	1	94	0.05	74	119 0	5	7.1	0.25	492	200	25
B00317367	6.5	42	5	0.2	4	296	9	50	460	19	14.2	326	4	73.7	300	1	82	0.05	59	119 0	130	29	0.25	240	340	36
B00317368	3.7	10	5	0.3	6	461	7	50	630	6	15.9	103	9	121	200	1	65	0.05	19	191 0	5	6.9	0.25	120	120	6
B00317369	3.1	70	5	0.1	2	297	10	50	480	18	14.6	253	1	78.1	200	1	70	0.1	130	800	130	9.1	0.25	211	320	22
B00317370	4.7	30	5	0.3	6	392	11	50	880	8	19.7	356	6	137	400	1	39	0.05	53	180 0	5	10.7	0.25	465	240	11
B00317371	0.2 5	16	5	0.05	1	260	13	50	60	10	1.5	0.5	0.5	47.6	300	1	10	0.3	31	500	20	1.5	0.25	10	120	1
B00317372	1	89	5	0.2	4	229	19	50	410	21	19.3	541	9	77.2	1100	1	47	0.4	111	112 0	790	7.1	0.6	362	200	73
B00317373	9.2	39	5	0.2	4	506	12	50	123 0	7	23.2	306	15	131	200	1	58	0.05	81	232 0	5	15.4	0.25	597	450	11
B00317374	8.9	23	5	0.05	1	510	47	50	158 0	13	19.1	41	20	105	6300	14	232	0.05	68	121 0	20	87.9	0.6	41	120	7
B00317375	1.5	251	5	0.05	1	14	26	50	220	54	16.3	462	20	7.4	300	1	69	0.6	318	100	200 0	4.8	0.6	327	140	66
B00317376	5.5	23	5	0.2	4	509	57	50	145 0	9	14.2	93	18	122	1900	1	134	0.05	90	140 0	20	19.4	0.25	109	140	12
B00317377	7	58	5	0.2	4	404	14	50	890	21	10.9	263	2	105	400	1	119	0.05	109	139 0	50	85.3	0.25	238	190	44
B00317378	9.6	87	5	0.05	1	454	228	50	255 0	27	25.6	103	2	79	7500	4	264	0.05	181	183 0	50	360	0.25	128	460	18

B00317379	11.3	16	5	0.2	4	374	91	50	1410	7	26.6	10	49	86.5	4100	7	60	0.05	75	2340	10	30.7	0.25	35	80	10
B00317380	11.1	24	5	0.1	2	352	50	50	2960	26	17.9	152	25	59.7	4700	17	96	0.1	320	1250	150	35.7	0.6	93	70	49
B00317381	0.25	47	5	0.05	1	298	56	50	140	49	0.7	0.5	1	43.6	6900	3	27	0.6	43	750	20	3.5	0.25	8	380	2
B00317382	0.25	39	5	0.05	1	248	42	50	100	43	0.9	0.5	0.5	47.4	5500	3	17	0.5	100	650	30	4.1	0.25	7	420	4
B00317383	0.25	36	5	0.05	1	290	46	50	80	43	1.6	0.5	1	45.7	6700	2	20	0.3	87	950	40	6.8	0.25	7	310	3
B00317384	0.25	38	10	0.05	1	300	28	50	40	34	1	0.5	1	64.5	3100	2	17	0.5	165	990	40	4.2	0.25	4	550	4
B00317385	8	11	5	0.4	8	528	138	50	830	5	24.9	0.5	49	129	10300	1	68	0.05	59	1590	5	1.9	0.25	56	130	11
B00317386	9.6	43	5	0.2	4	522	29	50	1620	38	23	224	9	142	1200	1	125	0.2	168	1790	90	12	0.25	170	300	53
B00317387	14.7	21	5	0.3	6	607	16	50	1110	9	21.1	34	4	171	500	1	119	0.05	38	1740	30	6.6	0.25	107	120	16
B00317388	1.3	135	5	0.05	1	245	66	50	80	132	11.2	0.5	14	70.9	1400	1	103	0.05	110	1040	40	29.3	0.25	65	1600	7
B00317389	16.3	177	5	0.05	1	343	258	50	5030	104	23.8	162	20	85.6	3600	8	629	0.5	671	1320	620	1320	0.9	410	770	71
B00317390	19.9	42	5	0.3	6	619	65	50	1300	15	29.6	34	14	132	2000	1	100	0.1	92	1450	30	8.6	0.25	95	180	23
B00317391	13.6	25	10	0.1	2	443	62	50	3710	56	23.2	284	13	119	5800	3	120	0.3	319	1540	430	75.4	1.2	166	70	119
B00317392	13.4	31	5	0.2	4	634	10	50	1150	13	26	171	25	187	500	1	146	0.05	68	3120	5	26.7	0.25	259	420	18
B00317393	9.7	22	5	0.1	2	440	17	50	960	11	25.2	155	6	133	400	1	110	0.05	56	2010	30	28.5	0.25	195	370	29
B00317394	4.4	236	20	0.2	4	202	187	200	700	122	17.8	414	14	54.9	7800	2	188	1	403	640	1800	36.8	1.4	431	1330	244
B00317395	5.7	40	10	0.2	4	451	50	50	3360	29	16.5	59	25	69.3	6000	43	187	0.05	426	1190	210	178	1.6	50	240	32
B00317396	0.25	45	10	0.05	1	334	8	50	260	33	2.5	0.5	4	47.9	5600	8	33	0.3	192	1680	60	118	0.25	11	360	4
B00317397	0.25	33	5	0.05	1	269	28	50	130	18	0.5	0.5	0.5	50	4200	3	26	0.3	38	760	5	5.6	0.25	11	890	1
B00317398	0.25	38	5	0.05	1	269	40	50	100	14	0.25	1	0.5	51.5	6900	2	26	0.5	233	830	10	5.2	0.25	19	1020	2
B00317399	0.25	49	10	0.05	1	289	41	50	230	12	0.6	3	0.5	49.9	4200	1	28	0.5	55	1000	10	8.7	0.25	23	620	1
B00317400	15	21	5	0.5	10	704	6	50	1080	10	14.2	245	18	200	300	1	82	0.05	74	2000	5	6.2	0.25	364	300	10
B00317401	9.5	80	5	0.2	4	716	10	50	800	24	16.8	1190	18	184	400	1	120	0.05	157	2090	60	15.1	0.25	1050	670	40
B00317402	2.7	599	20	0.3	6	115	205	500	730	248	62.8	359	229	92.7	5900	1	379	2.2	476	700	9130	18.4	3.5	357	1520	521
B00317403	8.6	105	5	0.2	4	491	145	100	1510	42	15.7	195	4	108	3200	5	159	0.2	200	1390	150	129	0.25	157	310	44
B00317404	3.3	81	5	0.2	4	398	26	50	990	14	11.3	730	8	128	900	1	58	0.05	141	1840	30	19.6	0.25	838	170	41

B00317405	0.2 5	46	5	0.05	1	287	59	50	200	30	1	7	2	52.9	7800	3	36	0.5	41	830	60	11.4	0.25	23	188 0	5
B00317406	14. 9	94	5	0.2	4	507	72	50	191 0	23	17.2	191	24	117	2600	4	286	0.1	191	116 0	90	178	0.25	228	590	27
B00317407	5.3	15	5	0.4	8	450	15	50	430	8	16.9	66	2	140	600	1	67	0.05	30	139 0	40	5.7	0.25	79	240	15
B00317408	4.7	92	5	0.4	8	353	23	50	930	14	21.5	794	3	106	1200	1	47	0.05	119	142 0	30	28.2	0.25	820	340	34
B00317409	11. 2	62	5	0.2	4	588	78	50	973 0	16	18.2	36	68	138	3600	15	711	0.3	290	101 0	70	142	0.25	81	130	13
B00317410	3.8	97	5	0.3	6	379	14	50	370	24	15	166	3	94.9	800	1	84	0.05	75	890	50	11.3	0.25	122	190	33
B00317411	2.9	28	5	0.5	10	388	10	50	370	5	15.8	38	9	128	500	1	36	0.05	21	132 0	10	5.3	0.25	64	260	7
B00317412	8	28	5	0.3	6	478	40	50	880	9	18	48	22	126	1200	1	67	0.05	100	137 0	20	18.7	0.25	90	290	12
B00317413	5.4	29	5	0.2	4	461	17	50	510	9	17.9	60	13	124	1000	1	48	0.05	51	151 0	20	11.7	0.25	92	360	10
B00317414	14	32	5	0.3	6	684	12	50	640	11	20	51	34	168	700	1	95	0.05	60	287 0	5	17.9	0.25	96	540	9
B00317415	11. 5	40	5	0.2	4	517	7	50	610	20	23.4	99	17	135	300	1	99	0.05	73	176 0	20	35.2	0.25	107	470	20
B00317416	0.5	106	10	0.05	1	192	53	50	300	87	0.5	4	1	33.3	1800	6	52	0.7	51	820	60	34	0.25	14	80	6
B00317417	0.2 5	89	5	0.05	1	214	95	50	220	68	0.8	7	1	33.1	7100	4	34	0.6	83	750	50	30.9	0.25	42	770	7
B00317418	12. 2	14	5	0.3	6	600	95	50	318 0	36	24.1	136	22	201	6600	1	79	0.05	111	196 0	20	9.9	0.25	117	110	44
B00317419	14. 4	64	5	0.2	4	377	82	50	526 0	20	18.8	96	23	76.8	5800	19	204	0.05	496	164 0	120	199	0.8	92	280	34
B00317420	7.1	152	5	0.05	1	436	159	200	910	43	18.7	142	12	85	1620 0	6	455	0.5	225	190 0	410	274	0.25	179	910	75
B00317421	11. 6	94	5	0.1	2	460	182	50	553 0	41	29.4	109	35	114	7900	26	426	0.1	715	262 0	100	321	0.8	110	380	34
B00317422	10. 3	101	5	0.2	4	429	111	50	940	33	30.8	194	19	119	5500	3	223	0.1	148	189 0	130	60.2	0.25	202	800	44
B00317423	15. 3	54	5	0.05	1	471	56	50	970	20	24.3	52	52	119	3300	8	177	0.2	95	223 0	60	57.3	0.25	83	330	23
B00317424	6.4	96	5	0.3	6	456	107	50	148 0	46	22.5	159	5	91.9	3700	3	188	0.1	262	141 0	70	44.1	0.25	189	660	43
B00317425	12. 3	34	5	0.05	1	520	72	50	800	14	23	59	36	120	8600	3	153	0.05	41	272 0	20	21.8	0.25	76	460	18
B00317426	3.5	27	5	0.4	8	519	18	50	106 0	7	20.6	67	4	145	800	1	57	0.05	37	177 0	10	6.9	0.25	138	120	11
B00317427	14. 3	15	5	0.3	6	490	57	50	633 0	37	23.7	243	25	79.8	4900	19	71	0.05	463	239 0	40	31.6	1.4	152	110	30
B00317428	0.5	105	5	0.05	1	72	182	50	210	146	3.3	4	3	18.9	3000	4	34	0.8	149	390	260	26.7	0.25	17	900	11
B00317429	0.2 5	48	5	0.05	1	142	54	50	170	75	1.4	11	2	23.7	4300	5	39	0.5	46	480	110	8.5	0.25	14	450	6
B00317430	0.2 5	71	5	0.05	1	150	48	50	20	92	1.3	7	1	32	1100	1	23	0.5	75	610	110	8.3	0.25	18	350	9
B00317431	8.9	59	5	0.1	2	484	64	100	900	20	18.2	124	17	132	3500	3	135	0.05	82	197 0	50	52.3	0.25	153	650	37

B00317432	8.3	26	5	0.3	6	491	140	50	113 0	8	23.8	14	39	101	7100	2	104	0.05	58	168 0	20	7	0.9	52	170	12
B00317433	6.1	53	5	0.2	4	560	35	50	107 0	13	22.3	120	5	126	700	1	69	0.05	69	176 0	30	11.2	0.25	159	690	21
B00317434	17. 5	26	5	0.2	4	544	15	50	131 0	11	19.8	96	7	129	300	1	179	0.05	44	145 0	20	13.4	0.25	172	430	12
B00317435	6.1	57	5	0.2	4	518	30	50	720	17	22.3	102	3	115	1200	1	110	0.05	99	182 0	10	33.8	0.25	112	480	16
B00317436	5.4	23	5	0.1	2	495	16	50	920	10	23.8	69	36	119	400	1	46	0.05	69	283 0	30	41	0.25	115	870	14
B00317437	14. 2	32	20	0.3	6	434	107	50	884 0	34	35.9	222	31	98.7	5500	193	235	0.2	101 0	339 0	200	90.7	1.6	165	120	57
B00317438	12. 3	30	5	0.3	6	447	150	50	575 0	58	23.5	328	35	95.7	1590 0	27	169	0.05	259	223 0	120	30.7	1.4	184	110	82
B00317439	12. 7	28	10	0.3	6	462	44	50	579 0	46	27.9	155	32	49.5	3200	54	101	0.05	480	186 0	300	79.2	1.1	113	70	53
B00317440	17. 1	18	10	0.2	4	456	95	50	802 0	26	31.8	220	27	91.6	3800	42	99	0.05	911	343 0	50	25.2	1.2	159	150	40
B00317441	0.2 5	24	5	0.05	1	250	24	50	70	25	0.9	1	1	44.2	3700	4	19	0.4	53	840	20	8.4	0.25	4	610	1
B00317442	9.7	63	5	0.2	4	509	168	50	238 0	42	13.5	260	4	126	7600	5	232	0.1	231	215 0	60	74.1	0.25	183	330	60
B00317443	13	17	5	0.2	4	546	148	50	950	6	22.2	13	47	139	9900	6	94	0.05	39	294 0	5	13.8	0.25	54	300	10
B00317444	5.3	45	5	0.1	2	506	89	50	111 0	20	23.7	234	17	127	5000	1	176	0.05	76	219 0	20	39.1	0.25	275	820	33
B00317445	14. 6	74	10	0.2	4	407	156	50	801 0	89	28.9	303	31	91	5500	33	294	0.2	101 0	224 0	340	157	1.2	249	300	117
B00317446	0.2 5	91	5	0.05	1	139	108	50	420	88	1.6	9	4	27.4	4800	4	31	0.6	242	770	170	94.9	0.7	40	131 0	14
B00317447	15. 6	42	5	0.2	4	384	79	50	635 0	29	28.3	216	28	84.5	6000	31	125	0.1	865	238 0	210	47.2	1.1	141	190	55
B00317448	8.8	13	5	0.3	6	480	59	50	619 0	19	33.5	50	46	98.9	4400	32	76	0.05	350	458 0	50	16.8	0.7	77	70	23
B00317449	6.9	22	5	0.2	4	462	15	50	670	14	21.3	91	6	115	400	1	90	0.05	44	175 0	40	15.9	0.25	101	190	23
B00317450	11. 4	35	5	0.2	4	556	58	50	137 0	15	25.2	168	34	150	1700	1	186	0.05	134	263 0	20	49.6	0.25	226	590	24
B00317451	22	13	5	0.1	2	549	64	50	328 0	8	22.2	79	57	151	4100	11	187	0.05	195	276 0	20	44.2	0.25	128	60	9
B00317452	7.3	135	5	0.2	4	321	284	100	112 0	86	23.8	452	21	107	9200	1	225	0.5	296	130 0	200	15.9	0.25	497	840	91
B00317453	4.7	108	5	0.3	6	323	67	50	850	41	18.9	473	7	87.4	3100	1	124	0.3	196	117 0	190	17.8	0.25	480	850	60
B00317454	12. 6	32	5	0.3	6	474	25	50	910	14	13.5	126	39	138	2000	1	112	0.05	67	171 0	40	19.4	0.25	216	600	16
B00317455	5	37	5	0.2	4	470	55	50	800	11	22.8	35	9	111	1800	1	67	0.05	50	153 0	30	4.4	0.25	67	230	17
B00317456	6	21	5	0.3	6	471	46	50	100 0	11	16.6	113	10	129	1600	1	144	0.05	53	148 0	30	20.4	0.25	169	330	22
B00317457	10	60	5	0.3	6	516	16	50	122 0	22	26.6	434	20	137	400	1	105	0.05	200	184 0	30	11.5	0.25	407	530	32

B00317458	6.2	42	20	0.3	6	420	63	50	531 0	46	26.6	218	24	82.6	1900	85	148	0.3	103 0	213 0	280	34.3	1.5	109	100	57
B00317459	0.2 5	143	5	0.05	1	70	93	50	270	89	2.2	3	3	21.1	1300	1	28	0.4	54	400	110	17.9	0.25	6	210	9
B00317460	12. 8	15	5	0.3	6	500	73	50	141 0	7	32.2	6	88	139	3000	9	58	0.05	77	323 0	5	29.2	0.25	51	230	7
B00317461	13. 4	30	5	0.2	4	586	94	50	135 0	14	21.1	110	26	164	4500	1	179	0.05	77	212 0	30	7.6	0.25	178	370	22
B00317462	5.9	33	5	0.2	4	450	37	50	600	13	18.3	74	9	115	1600	1	68	0.05	49	141 0	40	5.3	0.25	89	320	17
B00317463	10. 4	81	10	0.4	8	436	76	50	603 0	68	23.4	314	39	66.2	2100	57	187	0.4	996	151 0	480	152	1.3	201	210	88
B00317601	0.2 5	55	5	0.05	1	143	27	50	90	58	1	10	1	20.7	200	1	23	0.9	45	260	30	8	0.25	20	710	9
B00317602	3.2	61	5	0.1	2	324	45	50	130	16	15.9	118	25	72.6	2000	1	69	0.2	220	750	240	23.6	0.25	193	750	25
B00317603	0.7	237	5	0.05	1	8	32	50	250	100	15.1	51	24	8.1	300	1	72	0.9	45	80	193 0	4.9	0.8	24	130	62
B00317604	6.6	74	5	0.1	2	375	16	50	610	21	12.7	297	32	76.4	1300	1	110	0.1	177	100 0	120	21.1	0.25	348	400	38
B00317605	6.2	79	5	0.2	4	362	35	50	460	21	15.1	138	5	90.1	800	1	60	0.05	155	112 0	140	10.7	0.25	141	260	29
B00317606	1.4	120	5	0.2	4	233	25	50	450	27	16	381	15	57.8	800	1	77	0.2	193	700	670	16.9	0.25	344	250	76
B00317607	6.3	140	5	0.05	1	206	66	50	390	135	11	96	11	57.7	1100	1	367	0.2	308	760	190	32.9	0.25	498	870	23
B00317608	4.9	173	5	0.05	1	119	58	50	400	72	13.4	204	8	37.8	700	1	195	0.2	276	490	130	21	0.25	680	590	18
B00317609	1.4	223	5	0.1	2	65	43	50	260	95	12.9	191	17	28.7	1300	1	64	0.9	194	360	153 0	13.6	0.8	352	170	87
B00317610	6.7	74	5	0.2	4	381	123	50	550	26	12.1	182	16	86.5	9700	4	218	0.05	153	910	60	25.4	0.25	231	490	40
B00317611	4.8	45	5	0.2	4	438	47	50	470	20	10.1	136	7	94.3	1800	1	119	0.05	87	107 0	50	12.3	0.25	182	400	25
B00317612	6.2	21	5	0.2	4	425	34	50	430	9	16.3	18	22	84.5	1000	1	79	0.1	56	740	20	1.2	0.25	56	90	16
B00317613	7.3	17	5	0.2	4	504	28	50	840	7	15.6	21	27	100	500	1	72	0.05	41	125 0	5	2.5	0.25	75	100	11
B00317614	7.3	7	5	0.2	4	503	7	50	600	6	14.8	39	30	119	100	1	49	0.05	38	155 0	5	2.8	0.25	82	300	5
B00317615	8.5	18	5	0.2	4	430	16	50	570	11	13.5	82	8	130	400	1	142	0.05	53	125 0	10	7.6	0.25	121	290	13
B00317616	1	56	5	0.05	1	429	18	50	80	37	11.6	36	2	117	1000	1	101	0.05	537	690	30	10.5	0.25	84	910	10
B00317617	5	12	5	0.2	4	438	18	50	540	5	12	5	45	78.6	700	1	40	0.05	46	110 0	5	1.1	0.25	53	150	7
B00317618	4.7	13	5	0.2	4	376	24	50	780	5	18.1	6	49	62.3	1400	2	66	0.05	74	780	20	6.5	0.25	55	100	11
B00317619	5.2	138	5	0.2	4	265	45	50	580	49	12.9	802	14	90.5	600	1	143	0.2	339	129 0	190	28.7	0.25	106 0	480	71
B00317620	3.9	11	5	0.2	4	334	56	50	800	7	21.7	7	35	64.5	2000	2	97	0.05	57	630	60	5.2	0.25	33	240	19
B00317621	17. 1	31	5	0.05	1	408	37	50	160	12	12.2	36	0.5	86.6	700	1	64	0.05	17	720	20	4.4	0.25	23	20	5
B00317622	7.7	9	5	0.1	2	442	75	50	790	16	18.1	44	13	77.5	5200	4	157	0.1	44	530	40	8.7	0.25	38	120	21

B00317623	2.1	161	20	0.3	6	19	372	200	770	418	24.8	245	65	30.1	6500	6	342	2.9	50	150	562 0	31.9	1.9	129	130	229
B00317624	6.4	13	5	0.2	4	357	77	50	141 0	7	12	47	9	81.9	7700	5	137	0.05	17	670	5	4.5	0.25	56	40	8
B00317625	2.4	115	5	0.1	2	295	7	50	140	33	12	232	4	71.4	800	1	99	0.2	55	530	60	6.5	0.25	194	290	30
B00317626	3.1	70	5	0.05	1	285	51	50	140	42	8.5	70	5	59.7	200	1	139	0.1	123	530	5	157	0.25	339	490	5
B00317627	1.4	208	5	0.1	2	17	19	50	170	39	14.7	432	15	6.1	400	1	43	1	204	90	172 0	9.1	0.8	350	120	108
B00317628	1.5	190	20	0.2	4	66	437	100	690	131	18.9	105 0	37	22.4	1670 0	3	141	3.1	324	230	410 0	14.2	2	403	430	266
B00317629	0.8	162	5	0.05	1	73	112	50	180	82	11.3	5	9	24.4	200	1	83	0.2	84	420	100	2.9	0.25	124	340	8
B00317630	8.1	19	5	0.1	2	376	105	50	430 0	25	21.7	104	45	109	6800	3	110	0.05	159	176 0	70	21.7	0.7	106	120	30
B00317631	4.8	23	5	0.1	2	485	71	50	422 0	33	18	155	42	70.9	1800	10	227	0.05	321	226 0	120	86.1	0.25	129	120	56
B00317632	10. 4	37	5	0.2	4	419	59	50	515 0	46	19.1	171	42	46.4	1300	28	246	0.2	716	167 0	400	49.8	1.3	117	170	63
B00317633	0.2 5	99	5	0.05	1	85	31	50	100	138	5.4	6	6	15.8	800	1	19	0.8	49	420	310	13	0.25	12	690	15
B00317634	3.7	10	5	0.05	1	291	19	50	320	13	12.3	46	6	75.1	300	1	96	0.2	17	119 0	150	24.9	0.25	58	120	20
B00317635	5.2	34	5	0.2	4	397	34	50	490	13	15.5	30	12	81.1	900	1	102	0.1	56	790	50	7.3	0.25	64	150	18
B00317636	3.5	49	10	0.05	1	339	70	50	425 0	41	19.6	82	37	85.6	4800	15	184	0.3	782	102 0	420	72.4	1.1	107	320	59
B00317637	0.2 5	40	5	0.05	1	162	29	50	20	61	1.2	6	5	25.2	900	1	19	0.6	76	390	80	3.7	0.25	19	800	11
B00317638	0.2 5	42	5	0.05	1	201	60	50	110	44	0.5	3	1	33.4	2400	3	31	0.3	43	410	40	24.8	0.25	19	690	6
B00317639	6.3	13	5	0.2	4	451	129	50	204 0	38	17.5	224	35	96.4	8900	2	92	0.05	77	153 0	50	8.8	0.25	142	90	37
B00317640	9.3	11	5	0.1	2	470	142	50	196 0	21	20.6	25	50	82.2	1010 0	3	76	0.05	71	189 0	60	5.4	0.8	55	90	34
B00317641	2.9	38	5	0.2	4	322	24	50	400	33	11.6	162	11	75.9	900	1	125	0.3	53	113 0	400	20.8	0.25	132	310	57
B00317642	1.8	28	5	0.4	8	343	42	50	480	9	13.9	222	1	86.7	1800	1	46	0.05	32	880	20	7.9	0.25	215	140	12
B00317643	7.3	10	5	0.2	4	465	40	50	640	6	14.7	27	8	120	700	1	50	0.05	28	134 0	5	3.2	0.25	62	70	7
B00317644	8.2	51	5	0.05	1	416	9	50	480	19	15	162	35	91.6	500	1	127	0.05	64	157 0	30	47.4	0.25	176	290	21
B00317645	2.3	31	5	0.1	2	344	11	50	570	14	15.7	99	8	81.4	400	1	57	0.05	43	118 0	80	5.9	0.25	137	460	19
B00317646	8.2	21	5	0.05	1	426	30	50	820	12	16.5	132	17	102	1300	1	112	0.05	83	123 0	20	52.4	0.25	155	210	21
B00317647	6	92	5	0.05	1	320	90	50	700	36	18.4	140	15	62.4	4300	4	215	0.3	232	900	290	82.6	0.25	120	490	54
B00317648	7.8	85	5	0.05	1	434	50	50	560	46	8.5	77	17	76.9	1600	1	315	0.4	219	102 0	410	151	0.25	112	590	41
B00317649	4.2	91	5	0.1	2	363	33	50	420	29	12.5	148	7	70.3	2400	1	279	0.05	97	720	20	20.7	0.25	188	640	27

B00317650	6.3	35	5	0.2	4	354	154	50	269 0	42	19.5	286	43	71.8	8200	2	130	0.1	141	117 0	230	10.4	0.25	178	360	65
B00317651	4.8	60	5	0.1	2	329	53	50	730	32	17.6	169	15	77.9	1500	3	119	0.4	95	101 0	320	11.1	0.25	184	400	55
B00317652	2.1	112	5	0.05	1	187	17	50	500	133	10.3	6	7	41.1	200	1	188	0.3	2.5	770	180	126	0.25	5	20	16
B00317653	5.5	99	5	0.2	4	367	69	50	650	69	8.9	183	7	68.7	7000	1	260	0.1	167	770	20	147	0.25	249	30	28
B00317654	12. 1	16	5	0.2	4	517	80	50	690	7	17.6	19	3	103	3500	1	116	0.05	23	950	10	12.5	0.25	48	70	10
B00317655	1.3	153	5	0.2	4	218	30	50	310	58	16.5	661	34	67.1	800	1	88	0.8	213	860	249 0	12.1	1.2	364	260	176
B00317656	10. 2	65	5	0.3	6	367	25	50	820	21	15	458	11	102	1900	1	347	0.05	165	115 0	50	29	0.25	406	550	51
B00317657	6	188	5	0.2	4	240	27	200	650	124	27.3	113 0	86	88.7	1000	1	183	1.2	231	117 0	168 0	15.1	1.4	805	590	173
B00317658	2.1	130	5	0.2	4	197	39	50	220	63	16	211	11	48.8	1400	1	124	0.4	185	640	840	8.7	0.25	183	670	51
B00317659	6.9	29	5	0.2	4	461	6	50	530	21	12.9	328	36	133	200	1	97	0.2	93	173 0	80	7.8	0.25	325	400	26
B00317660	5.5	42	5	0.1	2	378	32	50	570	20	8.9	314	11	85.3	1100	1	162	0.05	116	131 0	160	21.3	0.25	302	550	38
B00317661	8.1	139	5	0.05	1	250	64	50	270	85	12.1	37	23	58.8	1500	1	148	1.1	369	790	360	103	1	266	139 0	24
B00317662	3.3	53	5	0.4	8	331	9	50	550	11	13	414	11	104	300	1	41	0.2	54	155 0	80	10.5	0.25	467	140	25
B00317663	17. 1	65	5	0.2	4	398	22	50	920	16	15.7	161	24	99.4	1200	1	181	0.05	137	980	80	33.5	0.25	159	380	29
B00317664	15. 2	27	5	0.2	4	357	10	50	450	8	12.7	65	28	116	200	1	67	0.05	30	103 0	10	11.6	0.25	70	100	7
B00317665	0.2 5	31	5	0.05	1	115	9	50	5	81	2	2	2	16.5	100	10	15	0.8	13	250	70	4.2	0.25	5	790	8
B00317666	4.3	25	5	0.2	4	352	59	50	740	12	12.4	108	1	93.3	2200	1	58	0.05	44	133 0	50	5.2	0.25	93	100	20
B00317667	1.9	172	5	0.2	4	210	33	100	360	73	17.3	399	34	49.8	1300	1	86	0.8	210	600	123 0	10.9	0.6	339	380	126
B00317668	1.3	252	10	0.2	4	82	129	50	290	74	20.5	481	39	29.7	4800	1	130	0.7	302	390	253 0	15.9	1.2	378	780	160
B00317669	11. 8	49	5	0.2	4	317	9	50	280	23	12.6	648	13	107	500	1	56	0.4	108	141 0	350	9.7	0.25	384	170	36
B00317670	9.3	39	5	0.05	1	465	44	50	690	11	20.9	57	39	103	1200	2	106	0.05	64	314 0	30	36	0.25	79	270	13
B00317671	5.8	13	5	0.4	8	428	82	50	278 0	11	19.1	146	21	88.6	4700	1	57	0.05	104	128 0	60	7.6	0.25	96	70	38
B00317672	4.8	118	5	0.05	1	316	48	50	560	79	18.6	163	23	68.6	1100	1	198	0.3	279	102 0	460	32.7	0.25	247	910	68
B00317673	7.9	29	5	0.2	4	405	21	50	650	9	16.1	55	44	109	700	5	80	0.05	53	174 0	30	55	0.25	83	300	12
B00317674	8.9	16	5	0.05	1	494	125	50	122 0	9	17.9	56	30	121	5300	4	91	0.05	86	272 0	30	42.1	0.25	71	410	11
B00317675	0.2 5	185	5	0.1	2	13	82	50	111 0	185	16.8	36	26	10.6	2100	1	67	0.6	10	140	970	4.5	0.25	16	120	47
B00317676	6.6	74	5	0.05	1	336	46	50	211 0	18	12.7	61	39	59.9	3500	3	435	0.5	312	119 0	260	124	0.25	123	450	20

B00317677	5.2	30	5	0.1	2	415	11	50	540	9	15.7	45	24	101	800	1	80	0.05	39	147 0	40	25.6	0.25	72	200	14
B00317678	5.5	14	5	0.1	2	357	25	50	520	5	19	11	73	84.3	1700	1	49	0.05	54	125 0	10	6.9	0.25	47	120	8
B00317679	3.9	79	5	0.2	4	262	16	50	440	35	16.4	501	19	74.2	1000	1	72	0.4	115	820	570	10.3	0.25	301	330	65
B00317680	6.7	21	5	0.2	4	432	54	50	385 0	39	19.9	194	36	42	6900	9	70	0.05	297	142 0	220	133	1.7	94	100	52
B00317681	13	53	5	0.1	2	384	84	50	245 0	43	17.7	256	13	58	3600	4	174	0.3	326	123 0	210	71.8	0.6	156	160	55
B00317682	7.9	30	5	0.1	2	406	42	50	430	13	14.7	54	21	82.3	3800	3	117	0.05	37	168 0	30	20.7	0.25	64	270	12
B00317683	5.9	23	5	0.1	2	456	18	50	510	12	19.8	65	6	94.6	3100	2	121	0.05	23	295 0	50	41.1	0.25	79	320	18
B00317684	2.9	64	5	0.1	2	308	28	50	670	27	17.9	516	47	87	2000	1	93	0.1	180	166 0	150	24.1	0.25	530	660	45
B00317685	12. 1	109	5	0.05	1	285	190	50	383 0	112	21.3	106	24	75.1	3000	5	478	0.2	439	152 0	420	525	0.25	148	530	64
B00317686	4	125	5	0.05	1	204	127	50	140	72	18.7	47	22	53.8	1280 0	4	233	1	135	127 0	810	91	0.25	95	113 0	51
B00317687	15. 4	49	5	0.3	6	399	78	50	441 0	23	19.2	167	17	93.1	5000	14	103	0.05	606	152 0	110	123	0.25	170	150	59
B00317688	6	57	5	0.05	1	388	16	50	850	13	12.6	38	25	89.5	500	2	178	0.1	112	132 0	80	107	0.25	70	370	14
B00317689	11. 7	10	5	0.1	2	374	3	50	730	7	11.7	51	26	78.7	600	1	101	0.05	18	560	40	27.3	0.25	50	80	8
B00317690	5.5	120	5	0.1	2	254	21	200	440	79	20.7	343	41	69.9	500	1	112	0.7	289	117 0	950	31.3	0.25	275	580	122
B00317691	7.6	89	5	0.05	1	393	75	50	111 0	21	16.9	167	21	89.4	2400	2	383	0.1	356	124 0	160	175	0.25	260	340	37
B00317692	5.9	20	5	0.3	6	422	51	50	770	8	18.2	27	25	96.9	1900	2	78	0.05	69	131 0	30	13.1	0.25	78	150	10
B00317693	6.9	78	5	0.1	2	343	108	50	500	17	13.9	109	30	79.2	3100	1	113	0.2	126	165 0	150	33.8	0.25	136	440	31
B00317694	3.3	78	5	0.2	4	334	14	50	720	17	15.2	317	14	96.9	900	1	89	0.05	178	120 0	80	10.3	0.25	348	430	32
B00317695	9.8	45	5	0.1	2	435	23	50	650	11	14.9	55	28	93.2	1500	2	126	0.05	58	105 0	30	93.7	0.25	74	940	8
B00317696	4	29	5	0.2	4	427	8	50	550	9	14.3	42	13	107	400	1	40	0.05	60	179 0	30	14.5	0.25	62	730	16
B00317697	6	142	5	0.05	1	232	92	50	780	126	17.6	160	19	70.5	1400	1	285	0.3	401	990	350	32.4	0.25	638	900	41
B00317698	1.8	217	5	0.05	1	109	96	100	120	121	19.4	78	47	36.1	5500	3	143	1.7	280	290	235 0	7.7	1	124	142 0	87
B00317699	2.9	17	5	0.3	6	361	9	50	420	5	10.9	13	4	80.1	600	1	32	0.05	40	660	20	1	0.25	40	40	10
B00317700	3.3	29	5	0.5	10	408	15	50	390	8	11.5	16	3	69.1	800	1	40	0.05	35	690	20	1.4	0.25	33	100	10
B00317701	1.5	120	5	0.2	4	121	16	50	230	28	20.4	126 0	18	33.5	1600	2	43	0.8	202	390	155 0	12.7	1	613	130	105
B00317702	4.1	80	5	0.05	1	340	91	50	340	43	9.3	40	0.5	77.4	2100	2	268	0.1	260	760	20	182	0.25	143	380	9
B00317703	1.8	55	5	0.1	2	334	12	50	630	9	19.9	668	5	116	300	1	65	0.05	111	179 0	30	11.8	0.25	730	310	25

B00317704	4.2	51	5	0.2	4	265	52	50	600	5	14.6	51	0.5	82.7	4800	1	15	0.05	24	840	20	5.4	0.25	27	20	8
B00317705	4.4	20	5	0.8	16	434	26	50	710	6	16.6	12	5	72.8	1200	1	49	0.05	45	1160	20	12.4	0.25	43	110	10
B00317706	9.7	13	5	0.2	4	386	22	50	680	6	11.2	65	11	107	2100	2	69	0.05	48	1420	20	9.1	0.25	92	140	8
B00317707	7.8	23	5	0.2	4	434	27	50	560	7	15.8	18	23	80.1	1300	1	56	0.05	38	1040	20	9.5	0.25	41	160	8
B00317708	5.2	19	5	0.2	4	412	7	50	510	9	12.5	32	20	87.3	500	2	51	0.05	44	980	5	30	0.25	52	100	6
B00317709	6.1	163	5	0.1	2	150	123	50	930	149	15.6	46	38	47.2	6800	4	208	0.7	181	500	1140	36.2	0.8	64	770	79
B00317710	4.9	34	5	0.2	4	413	172	50	1440	19	13.5	151	21	95	6300	1	146	0.05	143	1490	30	31	0.25	122	150	25
B00317711	3.5	64	5	0.2	4	361	99	50	3040	89	16.8	246	35	49.3	4500	29	125	0.2	218	1210	290	107	0.7	115	100	50
B00317712	0.25	19	5	0.05	1	230	43	50	80	28	1	1	1	42.1	4800	1	15	0.4	92	540	10	4.2	0.25	8	610	2
B00317713	0.25	32	5	0.05	1	220	25	50	110	72	1.3	2	1	40.5	3200	2	22	0.7	22	700	20	6.3	0.25	6	700	1
B00317714	0.25	110	5	0.05	1	99	45	50	340	90	4.3	3	6	20.7	400	1	61	0.6	11	470	130	19.6	0.25	5	90	8
B00317715	3.2	35	5	0.2	4	355	20	50	620	12	15.7	188	9	105	1100	1	49	0.05	70	1270	70	3.9	0.25	144	150	26
B00317716	4.5	73	5	0.1	2	343	189	50	1540	61	21	153	12	95	8600	11	90	0.3	351	1330	240	49.5	0.6	88	220	67
B00317717	6.7	19	5	0.2	4	444	18	50	390	5	15.7	28	13	103	700	1	40	0.05	39	1250	20	10.6	0.25	45	160	5
B00317718	3.6	44	5	0.2	4	374	28	50	380	9	11.8	47	0.5	73.8	1200	1	36	0.05	25	800	20	2.6	0.25	43	100	13
B00317719	8.5	95	5	0.2	4	369	132	50	730	29	12.2	156	21	80.4	4800	1	252	0.05	165	1080	90	80.6	0.25	203	620	38
B00317720	7.2	13	5	0.2	4	570	4	50	540	7	14	152	12	128	300	1	112	0.05	35	1780	5	13	0.25	173	270	10
B00317721	4.8	25	5	0.3	6	502	34	50	610	8	11.5	98	4	109	1300	1	65	0.05	48	1730	30	5.6	0.25	135	280	11
B00317722	11.4	18	5	0.05	1	559	27	50	860	5	21.4	39	40	156	800	5	62	0.05	56	2100	20	26.8	0.25	62	220	5
B00317723	5.6	102	5	0.2	4	300	9	50	380	31	14.8	195	3	73.5	200	1	43	0.05	113	830	120	18.8	0.25	218	350	38
B00317724	6.7	30	5	0.2	4	453	20	50	390	10	14.5	45	24	106	500	1	60	0.05	64	1550	10	20.1	0.25	75	460	8
B00317725	4.5	11	5	0.2	4	435	9	50	450	4	15.9	30	30	117	400	1	47	0.05	28	1760	5	8.2	0.25	63	190	5
B00317726	5.4	9	5	0.2	4	439	4	50	550	4	16.8	24	29	82.7	200	1	35	0.05	27	2120	20	11.7	0.25	47	120	6
B00317727	7.4	79	5	0.2	4	434	23	50	560	20	16.3	123	19	84.5	600	1	149	0.1	140	1340	90	88.5	0.25	157	490	27
B00317728	6.8	23	20	0.1	2	398	44	50	3470	34	25.1	241	34	71.3	2400	80	116	0.2	594	2450	300	31.8	1.4	111	60	72
B00317729	3.7	14	5	0.3	6	401	50	50	3490	41	28.7	355	36	80.3	4300	9	77	0.05	554	2460	170	26	1.5	151	30	53
B00317730	0.25	101	5	0.05	1	115	56	50	390	120	2.8	3	4	25.1	2200	5	44	0.7	22	730	140	23.3	0.25	5	180	9

B00317731	0.2 5	55	5	0.05	1	147	56	50	180	102	0.8	3	1	26	8600	5	40	0.8	25	820	60	9.6	0.25	6	360	4
B00317732	0.2 5	61	5	0.05	1	138	34	50	170	117	0.25	1	1	25.4	4300	2	23	0.8	15	770	40	9.5	0.25	6	290	3
B00317733	12. 6	31	5	0.05	1	502	41	50	125 0	7	17.3	123	39	116	900	2	140	0.05	188	266 0	20	108	0.25	227	340	11
B00317734	9.7	12	5	0.2	4	447	60	50	412 0	9	19.5	20	35	95.8	6000	6	50	0.05	139	316 0	30	40.6	0.25	42	60	8
B00317735	5.3	54	5	0.2	4	404	28	50	400	10	12.4	63	13	90.5	1900	1	68	0.05	114	144 0	50	16.2	0.25	108	105 0	12
B00317736	4.8	24	5	0.2	4	390	13	50	540	6	14.9	20	25	97.1	1500	3	71	0.05	36	134 0	10	16	0.25	36	100	7
B00317737	6.9	45	5	0.2	4	349	6	50	460	13	10.4	105	18	81.9	300	1	64	0.05	50	105 0	80	15.5	0.25	100	470	21
B00317738	6	62	5	0.3	6	391	39	50	340	18	15.4	220	8	99.4	1700	1	74	0.1	182	102 0	80	5.8	0.25	187	520	36
B00317739	2.4	211	10	0.1	2	110	78	100	440	85	35.5	429	33	36.5	5300	2	128	1.2	285	520	420 0	11.4	1.6	368	340	171
B00317740	1.9	206	10	0.1	2	106	176	100	240	120	19.2	168	44	41.8	6900	3	178	2.1	364	280	336 0	8.8	1.4	146	110 0	110
B00317741	1.3	74	5	0.2	4	253	72	50	230	32	13.2	177	6	79.4	4400	2	49	0.6	120	870	820	6.3	0.6	123	740	68
B00317742	7.1	48	5	0.1	2	355	104	50	105 0	22	14	83	4	71	7800	19	127	0.1	102	750	50	39	0.25	51	70	26
B00317743	13. 5	15	5	0.3	6	308	34	50	690	4	18.6	68	9	151	2700	1	79	0.05	29	101 0	5	1.7	0.25	161	120	7
B00317744	2.4	85	5	0.05	1	207	27	50	229 0	73	6.9	18	2	45.9	500	20	120	0.3	213	730	70	681	0.25	69	160	10
B00317745	3.9	34	5	0.05	1	303	53	50	290	25	9.3	116	13	68.7	1060 0	5	176	0.4	81	101 0	350	45.6	0.25	70	310	39
B00317746	14. 9	67	5	0.1	2	423	88	50	145 0	13	19.6	56	28	97.8	2200	4	190	0.1	183	120 0	70	159	0.25	74	240	17
B00317747	10. 1	10	5	0.1	2	363	23	50	430 0	12	19.5	39	31	85.3	1600	39	52	0.05	134	179 0	50	48.2	0.25	69	30	19
B00317748	11. 4	29	5	0.2	4	402	46	50	165 0	10	17.5	38	32	96.8	2200	4	94	0.05	60	139 0	70	73.9	0.25	64	100	16
B00317749	7.7	77	5	0.1	2	299	24	50	530	27	15.7	154	8	87.9	1200	1	103	0.05	156	102 0	80	28.7	0.25	273	106 0	29
B00317750	0.2 5	37	5	0.05	1	241	36	50	200	33	1.1	0.5	1	40.4	2800	7	25	0.4	55	650	30	18.2	0.25	15	730	4
B00317751	0.6	54	5	0.05	1	222	82	50	210	71	1.3	0.5	2	35	4300	5	37	0.5	104	720	50	56.2	0.25	26	127 0	5
B00317752	8.7	11	10	0.2	4	359	35	50	224 0	16	17.2	169	26	93	1000	29	120	0.1	207	134 0	180	30	0.5	90	30	27
B00317753	0.6	105	5	0.05	1	111	79	50	360	98	2.2	2	2	26.9	3500	4	49	0.6	30	320	90	11.7	0.25	19	470	8
B00317754	10. 4	26	5	0.1	2	508	26	50	700	6	22.4	17	59	126	700	2	66	0.05	31	188 0	5	66.8	0.25	54	170	6
B00317755	3.6	14	5	0.2	4	550	26	50	780	7	19.9	101	48	158	2000	1	115	0.05	48	247 0	5	14.9	0.25	156	310	9
B00317756	16	18	5	0.1	2	467	71	50	201 0	17	23.7	11	24	123	4900	1	121	0.05	118	166 0	60	18.8	0.25	41	100	15

B00317757	11.7	16	5	0.05	1	611	17	50	1120	6	19	146	42	196	700	1	105	0.05	103	2570	5	9.2	0.25	361	450	9
B00317758	5.3	7	5	0.2	4	340	48	50	580	3	22.4	4	69	105	1900	4	99	0.05	51	2220	5	8.2	0.25	31	60	5
B00317759	3.3	56	5	0.2	4	383	24	50	740	8	27.4	355	3	132	1800	1	50	0.05	73	1370	30	8.1	0.25	361	160	20
B00317760	10.3	12	5	0.05	1	508	113	50	1180	6	17.3	63	46	130	5900	2	118	0.05	44	3100	10	12.4	0.25	128	270	12
B00317761	12.8	19	20	0.1	2	373	67	50	6330	19	33.7	35	34	99.8	5100	71	112	0.05	597	3140	90	83.2	1.1	71	70	29
B00317762	8.2	36	10	0.1	2	351	97	50	4150	31	19.4	74	35	99.1	4800	13	261	0.1	326	1970	160	136	0.9	68	110	32
B00317763	11.2	25	5	0.05	1	525	65	50	800	13	14.1	191	24	157	3700	1	208	0.05	131	2660	20	14.1	0.25	255	420	27
B00317764	9.8	20	5	0.1	2	472	126	50	1600	12	22.7	77	41	130	13700	6	80	0.05	52	3940	40	45.4	0.25	55	80	17
B00317765	10.8	45	5	0.1	2	430	80	50	770	14	20.9	61	52	125	3200	4	149	0.05	111	2520	40	43.3	0.25	93	410	15
B00317766	8.6	37	5	0.05	1	445	61	50	5260	24	24.1	27	36	117	4300	19	150	0.05	291	2430	30	64.5	0.5	48	100	15
B00317767	4.6	44	5	0.1	2	307	104	50	1560	88	14.5	266	8	80.6	6300	3	132	0.3	154	1200	230	60.7	0.6	134	240	68
B00317768	6.6	58	5	0.1	2	387	42	50	2850	53	18.8	198	51	40.4	1200	9	264	0.4	593	1660	630	49.6	1.2	136	140	87
B00317769	0.25	27	5	0.05	1	147	19	50	30	61	1.6	4	3	21.3	900	1	26	0.8	57	620	80	5.5	0.5	9	470	7
B00317770	0.25	43	5	0.05	1	199	11	50	30	55	0.7	2	1	22.5	500	1	15	0.6	44	670	30	2.8	0.25	14	290	5
B00317771	0.25	58	5	0.05	1	134	20	50	30	76	0.9	9	1	18	900	1	19	1	66	640	70	4.4	0.25	20	180	10
B00317772	0.25	125	5	0.05	1	139	100	50	210	111	3.1	8	2	17.9	1900	2	63	0.6	217	580	100	23	0.25	48	320	9
B00317773	2.5	25	5	0.2	4	376	122	50	2760	50	16.6	352	19	109	11600	3	75	0.1	126	2130	120	56.5	0.25	162	80	45
B00317774	13.2	58	5	0.2	4	397	84	50	6310	46	18.7	331	32	75.6	5500	8	159	0.1	726	1860	190	41.6	0.6	233	180	72
B00317775	0.25	160	5	0.05	1	78	64	50	230	87	1.5	0.5	3	18.4	300	1	36	1.1	73	490	130	25	0.25	22	170	11
B00317776	8.1	26	5	0.4	8	408	31	50	990	8	23.7	631	12	180	1800	1	113	0.05	85	1740	10	9	0.25	810	150	23
B00317777	3.6	134	5	0.2	4	265	31	50	650	58	15.7	302	6	78.1	1100	1	169	0.3	306	890	330	15.2	0.25	420	880	83
B00317778	7.4	50	5	0.1	2	451	68	50	1410	30	10.8	325	20	107	1200	1	388	0.1	210	1580	100	37	0.25	328	360	52

Appendix F – 1:20,000 scale Prospecting Sample Location Map

Appendix G – 1:20,000 scale MMI Plotted Element Result Maps

Appendix H – Assay Certificates



ANALYSIS REPORT BBM19-00353

To PROBE METALS INC
DANIEL LAFONTAINE
1338 RUE TURCOTTE
VAL-D'OR J9P 3X6
QC
CANADA

Submission No	Probe metals/ 621 MMI (1-86)	Date Received	02-Jul-2019
Purchase Order Number	Probe metals/ 621 MMI (1-86)	Date Analysed	05-Jul-2019 - 30-Nov-2020
Number of Samples	86	Date Completed	26-Jul-2019
		SGS Order Number	BBM19-00353

Methods Summary

Number of Sample	Method Code	Description
86	G_LOG	Sample Registration Fee
86	G_WGH_KG	Weight of samples received
86	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Storage

Pulp	Store for 90 days
Reject	Store for 30 days

Authorised Signatory

Gerald Chik
Laboratory Manager

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	0.73	1.5	70	<10	<0.1	170
B00317302	0.58	0.9	130	<10	<0.1	280
B00317303	0.74	1.1	106	<10	0.1	990
B00317304	0.81	2.8	227	<10	<0.1	540
B00317305	0.69	6.8	8	<10	0.3	1510
B00317306	0.80	12.6	9	<10	0.3	1920
B00317307	0.78	9.0	35	<10	0.1	1070
B00317308	0.74	6.7	12	<10	0.2	1170
B00317309	0.65	0.9	249	<10	<0.1	2260
B00317310	0.55	9.6	14	<10	0.4	810
B00317311	0.48	5.2	27	<10	<0.1	460
B00317312	0.63	3.0	168	<10	0.2	1850
B00317313	0.76	1.2	51	<10	<0.1	2170
B00317314	0.73	2.3	100	<10	0.2	1360
B00317315	0.73	3.3	73	<10	0.1	1740
B00317316	0.99	12.1	42	<10	0.3	1760
B00317317	0.59	1.3	283	<10	<0.1	1640
B00317318	0.69	3.3	269	<10	<0.1	1850
B00317319	1.07	7.6	12	<10	0.7	1210
B00317320	0.93	18.3	32	<10	0.1	1360
B00317321	0.77	5.6	63	<10	<0.1	960
B00317322	0.70	5.7	28	<10	<0.1	1680
B00317323	0.57	0.8	196	<10	<0.1	1970
B00317324	0.76	5.7	97	<10	0.1	1430

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317325	0.83	4.4	17	<10	0.1	1900
B00317326	0.82	3.2	126	<10	<0.1	960
B00317327	0.57	5.2	73	<10	<0.1	690
B00317328	0.68	1.5	122	<10	<0.1	990
B00317329	0.77	10.2	80	<10	<0.1	1890
B00317330	0.77	<0.5	31	<10	<0.1	70
B00317331	0.61	<0.5	36	<10	<0.1	60
B00317332	0.64	<0.5	34	<10	<0.1	50
B00317333	1.08	6.6	34	<10	0.1	1920
B00317334	1.00	5.7	28	<10	0.1	1860
B00317335	0.98	5.2	15	<10	0.3	1640
B00317336	0.90	5.3	27	<10	0.7	2090
B00317337	1.10	7.2	16	<10	0.2	2400
B00317338	0.99	6.5	30	<10	<0.1	1360
B00317339	0.68	1.3	71	<10	<0.1	190
B00317340	0.54	<0.5	55	<10	<0.1	90
B00317341	0.89	4.3	90	<10	0.1	1260
B00317342	0.85	9.6	112	<10	<0.1	1110
B00317343	0.78	1.2	89	<10	<0.1	1920
B00317344	0.80	13.0	101	<10	<0.1	1780
B00317345	0.98	10.2	9	<10	0.1	1200
B00317346	1.13	3.3	7	<10	0.2	1260
B00317347	0.88	3.7	65	<10	0.1	1000
B00317348	0.92	4.1	18	<10	0.1	1300
B00317349	0.80	8.9	55	<10	0.2	1990
B00317350	0.93	7.2	27	<10	0.2	2020
B00317351	0.89	<0.5	59	<10	<0.1	150
B00317352	0.97	3.9	47	<10	<0.1	1430
B00317353	0.97	5.6	20	<10	0.3	1590
B00317354	0.76	3.5	309	<10	<0.1	1150

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317355	0.73	1.5	198	<10	<0.1	1150
B00317356	1.03	6.2	13	<10	0.2	1460
B00317357	0.79	3.2	30	<10	0.1	1790
B00317358	0.80	<0.5	44	<10	<0.1	110
B00317359	0.76	12.1	29	<10	0.2	2100
B00317360	0.89	12.0	9	<10	0.2	2590
B00317361	0.57	8.6	79	<10	0.2	2530
B00317362	1.02	6.5	34	<10	0.1	1700
B00317363	0.83	8.2	41	<10	0.1	2010
B00317364	0.92	5.5	16	<10	0.1	1320
B00317365	0.98	6.2	23	<10	0.1	1680
B00317366	0.90	7.9	38	<10	0.2	1830
B00317367	0.75	6.5	42	<10	0.2	1540
B00317368	0.88	3.7	10	<10	0.3	1840
B00317369	0.78	3.1	70	<10	0.1	1080
B00317370	0.95	4.7	30	<10	0.3	1610
B00317371	0.79	<0.5	16	<10	<0.1	70
B00317372	0.98	1.0	89	<10	0.2	2080
B00317373	0.82	9.2	39	<10	0.2	1860
B00317374	1.13	8.9	23	<10	<0.1	900
B00317375	0.95	1.5	251	<10	<0.1	1120
B00317376	0.76	5.5	23	<10	0.2	1460
B00317377	0.84	7.0	58	<10	0.2	1080
B00317378	0.75	9.6	87	<10	<0.1	1250
B00317379	1.06	11.3	16	<10	0.2	1310
B00317380	1.13	11.1	24	<10	0.1	2010
*Rep B00317305	-	5.8	6	<10	0.2	1650
*Rep B00317320	-	16.5	35	<10	<0.1	1560
*Rep B00317340	-	<0.5	61	<10	<0.1	100
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element	Wtkg	Ag	Al	As	Au	Ba
Method	G_WGH_KG	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg
*Std AMIS0169	-	7.2	46	<10	0.6	970
*Rep B00317374	-	8.3	20	<10	0.1	980
*Blk BLANK	-	<0.5	<1	<10	<0.1	20
*Std AMIS0169	-	8.0	50	<10	0.3	1040
*Rep B00317332	-	<0.5	37	<10	<0.1	50

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	<0.5	134	3	10	18	<100
B00317302	<0.5	55	2	18	60	<100
B00317303	<0.5	117	12	45	1890	<100
B00317304	<0.5	2	17	149	52	<100
B00317305	<0.5	386	1	7	34	<100
B00317306	<0.5	438	3	9	7	<100
B00317307	<0.5	442	28	303	62	<100
B00317308	<0.5	515	4	9	17	<100
B00317309	0.6	19	9	694	38	100
B00317310	<0.5	385	10	32	26	<100
B00317311	<0.5	484	36	43	56	<100
B00317312	<0.5	165	22	1130	71	<100
B00317313	<0.5	575	8	1250	10	<100

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317314	<0.5	183	16	1850	56	<100
B00317315	<0.5	336	5	1100	31	<100
B00317316	<0.5	464	4	178	12	<100
B00317317	<0.5	19	2	17	29	<100
B00317318	0.9	32	8	861	32	100
B00317319	<0.5	494	3	8	9	<100
B00317320	<0.5	355	5	356	53	<100
B00317321	<0.5	354	13	521	68	<100
B00317322	<0.5	418	4	258	5	<100
B00317323	<0.5	80	23	189	47	<100
B00317324	<0.5	305	9	525	15	<100
B00317325	<0.5	483	4	226	11	<100
B00317326	<0.5	134	1	16	67	<100
B00317327	<0.5	327	26	198	24	<100
B00317328	<0.5	145	37	215	80	<100
B00317329	1.6	325	10	569	70	<100
B00317330	<0.5	196	4	9	13	<100
B00317331	<0.5	164	5	14	14	<100
B00317332	1.5	110	22	12	15	<100
B00317333	<0.5	378	6	384	44	<100
B00317334	<0.5	484	11	614	93	<100
B00317335	<0.5	455	2	13	10	<100
B00317336	<0.5	443	5	58	22	<100
B00317337	<0.5	533	3	450	79	<100
B00317338	<0.5	384	14	389	74	<100
B00317339	<0.5	220	<1	<2	26	<100
B00317340	<0.5	121	<1	<2	9	<100
B00317341	<0.5	254	5	704	37	<100
B00317342	<0.5	247	17	297	186	<100
B00317343	<0.5	252	5	155	17	<100

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317344	<0.5	291	15	500	23	<100
B00317345	<0.5	408	1	3	8	<100
B00317346	<0.5	310	2	4	39	<100
B00317347	<0.5	302	6	239	4	<100
B00317348	<0.5	459	7	208	107	<100
B00317349	1.0	369	7	572	54	<100
B00317350	<0.5	345	5	189	9	<100
B00317351	<0.5	197	2	<2	57	<100
B00317352	<0.5	285	6	203	12	<100
B00317353	<0.5	536	2	208	6	<100
B00317354	<0.5	18	11	186	67	<100
B00317355	<0.5	12	22	520	17	<100
B00317356	<0.5	411	1	33	10	<100
B00317357	<0.5	377	10	502	14	<100
B00317358	<0.5	113	<1	3	4	<100
B00317359	<0.5	444	7	336	53	<100
B00317360	<0.5	469	7	56	37	<100
B00317361	1.3	408	6	632	61	<100
B00317362	<0.5	364	5	305	19	<100
B00317363	<0.5	506	9	525	35	<100
B00317364	<0.5	439	2	7	21	<100
B00317365	<0.5	504	2	109	15	<100
B00317366	<0.5	350	6	333	8	<100
B00317367	<0.5	296	5	412	9	<100
B00317368	<0.5	461	2	18	7	<100
B00317369	<0.5	297	7	389	10	<100
B00317370	<0.5	392	4	133	11	<100
B00317371	<0.5	260	5	<2	13	<100
B00317372	<0.5	229	7	385	19	<100
B00317373	<0.5	506	9	191	12	<100

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317374	<0.5	510	9	92	47	<100
B00317375	<0.5	14	8	848	26	<100
B00317376	<0.5	509	10	263	57	<100
B00317377	<0.5	404	6	630	14	<100
B00317378	<0.5	454	41	205	228	<100
B00317379	<0.5	374	6	36	91	<100
B00317380	<0.5	352	5	394	50	<100
*Rep B00317305	<0.5	326	1	10	38	<100
*Rep B00317320	<0.5	330	4	336	56	<100
*Rep B00317340	<0.5	118	<1	<2	15	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	38	1	678	76	<100
*Rep B00317374	<0.5	522	13	74	57	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	36	2	713	82	<100
*Rep B00317332	1.1	108	16	11	15	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	0.7	390	1.2	1.0	<0.2	131
B00317302	2.9	100	9.1	8.6	0.5	86

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317303	1.4	770	5.3	3.1	0.8	156
B00317304	7.1	190	14.4	6.6	3.8	53
B00317305	0.4	540	6.9	3.6	2.4	3
B00317306	0.4	580	11.3	4.9	4.0	5
B00317307	0.4	660	20.7	10.0	6.8	14
B00317308	0.5	750	6.4	2.5	1.9	7
B00317309	7.3	220	50.0	25.1	15.9	68
B00317310	0.7	1240	13.3	6.9	4.3	11
B00317311	0.4	1320	5.4	3.1	1.4	24
B00317312	1.9	480	91.3	42.4	27.0	41
B00317313	<0.2	460	165	96.8	40.1	12
B00317314	1.0	540	175	88.9	53.2	32
B00317315	0.3	450	124	76.8	33.9	12
B00317316	0.4	570	70.2	33.0	23.2	13
B00317317	2.2	260	1.1	0.7	<0.2	100
B00317318	8.0	180	36.3	15.6	12.7	64
B00317319	0.2	780	7.3	3.5	2.1	5
B00317320	1.5	300	12.5	5.2	5.8	25
B00317321	0.8	430	26.0	12.9	9.6	45
B00317322	0.3	660	61.0	32.2	18.0	9
B00317323	3.0	230	45.4	23.1	8.1	41
B00317324	0.6	720	131	78.2	30.1	11
B00317325	<0.2	550	83.8	44.3	20.3	7
B00317326	2.4	80	5.2	15.0	<0.2	101
B00317327	1.6	820	21.9	11.9	4.0	20
B00317328	2.0	310	60.1	36.4	7.9	51
B00317329	2.5	4320	33.5	21.1	8.7	75
B00317330	<0.2	50	2.0	1.5	<0.2	29
B00317331	0.3	10	2.7	1.9	0.4	34
B00317332	0.6	10	1.8	1.2	0.2	62

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317333	1.4	2370	15.9	7.8	4.7	29
B00317334	0.5	1540	51.0	27.3	14.9	14
B00317335	0.4	710	17.5	8.7	5.3	8
B00317336	0.4	1240	108	50.2	33.9	8
B00317337	<0.2	3470	31.6	17.2	9.7	18
B00317338	0.4	2110	36.0	19.4	9.3	18
B00317339	0.6	60	<0.5	0.5	<0.2	116
B00317340	0.2	<10	1.0	0.9	<0.2	66
B00317341	2.6	640	58.8	33.8	14.6	77
B00317342	0.8	1130	48.1	33.7	8.0	85
B00317343	0.8	590	52.4	34.0	12.3	22
B00317344	2.1	1360	104	71.8	16.0	52
B00317345	<0.2	720	9.9	6.7	2.1	4
B00317346	<0.2	410	4.7	2.2	1.3	3
B00317347	1.3	240	19.5	8.9	7.2	14
B00317348	0.2	750	9.9	4.7	3.8	12
B00317349	2.2	4390	25.2	14.0	8.1	43
B00317350	0.4	680	46.1	23.8	13.7	12
B00317351	<0.2	170	1.1	0.8	<0.2	97
B00317352	0.6	250	22.8	11.0	8.2	16
B00317353	0.3	690	123	66.2	35.5	7
B00317354	7.2	210	49.2	26.9	6.9	95
B00317355	6.7	130	34.2	14.2	11.8	49
B00317356	0.3	420	26.5	12.1	9.1	5
B00317357	0.6	420	32.7	16.4	10.4	17
B00317358	0.2	10	0.9	0.6	<0.2	78
B00317359	1.3	5940	19.0	10.9	5.6	29
B00317360	0.3	5910	11.2	7.1	2.6	12
B00317361	4.5	5290	25.0	15.5	7.2	89
B00317362	0.8	770	30.6	15.0	11.1	18

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317363	0.4	1200	39.9	24.2	10.1	28
B00317364	<0.2	510	9.0	5.3	2.2	6
B00317365	0.4	400	8.5	4.1	3.0	21
B00317366	0.2	480	99.1	51.2	28.8	11
B00317367	0.4	460	48.7	22.8	15.9	19
B00317368	<0.2	630	20.9	11.1	6.4	6
B00317369	1.0	480	45.5	21.0	15.5	18
B00317370	0.4	880	96.7	51.0	27.6	8
B00317371	0.2	60	1.7	1.3	<0.2	10
B00317372	0.9	410	68.9	36.2	23.1	21
B00317373	0.2	1230	107	70.1	22.9	7
B00317374	<0.2	1580	7.2	4.7	1.7	13
B00317375	6.1	220	67.8	29.0	21.1	54
B00317376	0.2	1450	21.2	10.1	7.1	9
B00317377	0.8	890	47.1	26.5	12.9	21
B00317378	1.3	2550	21.8	14.7	4.5	27
B00317379	<0.2	1410	6.8	3.7	1.7	7
B00317380	0.6	2960	19.4	10.0	6.4	26
*Rep B00317305	0.3	450	7.2	4.0	2.2	2
*Rep B00317320	2.1	250	13.1	7.1	6.4	18
*Rep B00317340	<0.2	<10	1.3	1.2	<0.2	62
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Std AMIS0169	5.9	3100	23.5	9.6	9.5	33
*Rep B00317374	<0.2	1490	8.2	4.5	2.0	16
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Std AMIS0169	5.6	3030	24.3	10.6	9.5	33
*Rep B00317332	0.5	<10	1.7	1.1	0.2	57

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	3.3	0.9	<1	<1	3.5	5
B00317302	6.7	3.9	<1	<1	6.4	7
B00317303	5.3	4.0	<1	<1	16.0	17
B00317304	9.2	13.8	<1	<1	9.9	52
B00317305	<0.5	11.1	1	<1	12.5	7
B00317306	<0.5	20.2	1	<1	17.4	42
B00317307	0.9	30.3	<1	<1	11.8	111
B00317308	0.8	9.5	<1	<1	19.4	23
B00317309	16.8	64.1	<1	<1	22.6	278
B00317310	<0.5	19.9	<1	<1	15.1	57
B00317311	1.1	6.8	<1	<1	11.5	22
B00317312	5.6	109	<1	<1	26.3	763
B00317313	3.4	194	<1	<1	24.7	897
B00317314	5.5	219	<1	<1	16.7	1040
B00317315	0.9	164	<1	<1	16.3	991
B00317316	<0.5	98.8	2	<1	17.1	443
B00317317	5.4	0.9	<1	<1	13.4	8
B00317318	17.8	46.6	<1	<1	21.2	260
B00317319	<0.5	11.5	1	<1	17.4	10
B00317320	2.1	21.2	<1	<1	14.0	156
B00317321	1.5	37.8	<1	<1	12.4	231
B00317322	0.7	84.2	1	<1	18.7	272
B00317323	2.7	38.3	<1	<1	15.2	61
B00317324	1.2	151	<1	<1	24.2	459

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317325	1.0	101	3	<1	18.5	309
B00317326	3.7	1.6	<1	<1	14.8	8
B00317327	0.8	19.3	<1	<1	12.6	91
B00317328	3.6	42.5	<1	<1	10.4	61
B00317329	5.8	41.2	<1	<1	22.1	249
B00317330	2.4	2.0	<1	<1	0.8	4
B00317331	3.0	2.7	<1	<1	<0.5	5
B00317332	4.3	1.7	<1	<1	3.2	5
B00317333	2.6	21.2	<1	<1	19.4	147
B00317334	0.7	68.0	<1	<1	14.4	272
B00317335	<0.5	26.2	2	<1	11.8	39
B00317336	<0.5	166	4	<1	14.5	409
B00317337	<0.5	46.2	<1	<1	23.1	182
B00317338	<0.5	45.4	<1	<1	14.8	175
B00317339	3.1	<0.5	<1	<1	2.0	<1
B00317340	7.6	0.7	<1	<1	<0.5	<1
B00317341	7.6	68.8	<1	<1	12.2	295
B00317342	1.7	41.0	<1	<1	16.0	123
B00317343	2.0	57.2	1	<1	19.2	180
B00317344	2.8	81.1	<1	<1	22.1	280
B00317345	<0.5	12.8	2	<1	19.8	20
B00317346	<0.5	7.1	<1	<1	16.8	5
B00317347	1.7	28.4	<1	<1	14.9	130
B00317348	0.7	16.4	<1	<1	19.1	70
B00317349	5.0	36.1	<1	<1	21.8	265
B00317350	0.7	66.2	<1	<1	17.3	217
B00317351	2.3	0.7	<1	<1	0.8	<1
B00317352	1.7	34.3	<1	<1	14.7	165
B00317353	0.8	177	4	<1	14.6	518
B00317354	19.1	32.2	<1	<1	16.6	81

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317355	9.3	43.1	<1	<1	12.0	206
B00317356	<0.5	42.3	2	<1	13.3	137
B00317357	1.1	41.8	<1	<1	13.5	165
B00317358	4.8	0.9	<1	<1	<0.5	<1
B00317359	2.3	26.5	<1	<1	22.6	154
B00317360	<0.5	13.4	<1	<1	19.3	19
B00317361	7.7	32.1	<1	<1	23.2	291
B00317362	0.8	47.8	<1	<1	12.7	202
B00317363	0.9	46.4	<1	<1	12.5	176
B00317364	<0.5	12.5	2	<1	17.5	12
B00317365	1.3	13.5	<1	<1	16.6	75
B00317366	<0.5	132	<1	<1	17.2	495
B00317367	0.9	70.8	<1	<1	14.2	326
B00317368	<0.5	31.7	2	<1	15.9	103
B00317369	2.4	64.8	<1	<1	14.6	253
B00317370	<0.5	138	2	<1	19.7	356
B00317371	1.2	1.3	<1	<1	1.5	<1
B00317372	3.7	91.8	<1	<1	19.3	541
B00317373	<0.5	124	5	<1	23.2	306
B00317374	0.5	8.0	<1	<1	19.1	41
B00317375	12.0	86.6	<1	<1	16.3	462
B00317376	<0.5	31.7	<1	<1	14.2	93
B00317377	1.4	61.9	<1	<1	10.9	263
B00317378	0.8	23.8	<1	<1	25.6	103
B00317379	<0.5	9.2	<1	<1	26.6	10
B00317380	1.8	29.4	<1	<1	17.9	152
*Rep B00317305	<0.5	11.4	1	<1	12.9	7
*Rep B00317320	1.7	26.1	<1	<1	13.1	162
*Rep B00317340	8.5	0.8	<1	<1	<0.5	<1
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	ppm m / m	µg / kg
*Std AMIS0169	9.0	38.3	<1	<0.1	43.6	406
*Rep B00317374	0.6	10.0	<1	<1	18.1	32
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Std AMIS0169	9.8	39.6	<1	<0.1	43.2	434
*Rep B00317332	5.1	1.4	<1	<1	2.5	4

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	6	30.6	600	3	<0.5	5
B00317302	11	15.5	<100	<2	0.6	11
B00317303	15	45.8	32300	2	1.8	21
B00317304	11	1.5	900	<2	4.6	77
B00317305	17	80.7	1500	<2	<0.5	30
B00317306	26	102	500	<2	<0.5	72
B00317307	17	97.6	5400	2	<0.5	161
B00317308	<1	102	600	<2	<0.5	41
B00317309	45	13.0	1900	<2	15.3	397
B00317310	14	138	1700	<2	<0.5	90
B00317311	46	109	1900	6	0.7	32
B00317312	15	59.5	2400	<2	5.4	730
B00317313	29	155	600	<2	<0.5	1040

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317314	10	50.8	1900	<2	2.4	1380
B00317315	45	96.3	2800	<2	<0.5	994
B00317316	7	147	800	<2	<0.5	480
B00317317	19	8.0	700	<2	1.8	7
B00317318	61	16.8	1500	<2	19.4	293
B00317319	4	71.2	600	<2	<0.5	31
B00317320	2	117	2500	<2	<0.5	175
B00317321	18	96.3	6700	<2	<0.5	270
B00317322	10	127	300	<2	<0.5	383
B00317323	11	29.5	300	<2	<0.5	174
B00317324	3	77.2	400	<2	<0.5	638
B00317325	22	158	500	<2	<0.5	404
B00317326	16	40.2	100	<2	<0.5	8
B00317327	2	77.0	200	<2	<0.5	100
B00317328	22	67.0	1900	<2	<0.5	172
B00317329	36	67.2	4000	9	7.0	254
B00317330	<1	29.0	2000	2	<0.5	7
B00317331	<1	27.2	600	<2	<0.5	12
B00317332	<1	20.0	300	6	<0.5	9
B00317333	23	76.1	3700	14	3.1	147
B00317334	29	131	4100	<2	<0.5	344
B00317335	22	136	700	<2	<0.5	82
B00317336	7	158	600	<2	<0.5	622
B00317337	18	152	3000	<2	0.6	258
B00317338	12	98.3	2400	2	0.6	224
B00317339	7	44.2	1200	<2	<0.5	<1
B00317340	<1	26.5	<100	<2	<0.5	<1
B00317341	17	65.2	500	<2	3.3	362
B00317342	12	62.9	3000	<2	1.3	165
B00317343	5	64.8	500	<2	0.6	258

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317344	9	72.3	100	<2	0.8	343
B00317345	53	114	200	<2	<0.5	32
B00317346	18	77.7	1600	<2	<0.5	19
B00317347	6	67.6	200	<2	<0.5	178
B00317348	4	83.2	6500	<2	<0.5	98
B00317349	29	80.9	2200	12	8.5	269
B00317350	9	90.5	200	<2	<0.5	302
B00317351	<1	40.1	2100	3	<0.5	<1
B00317352	8	67.9	500	<2	1.0	207
B00317353	25	175	200	<2	<0.5	701
B00317354	34	12.4	400	<2	7.5	127
B00317355	7	2.3	300	<2	4.6	279
B00317356	4	112	500	<2	<0.5	189
B00317357	6	93.2	1200	<2	0.8	232
B00317358	<1	18.4	100	3	<0.5	2
B00317359	29	83.2	3500	21	1.6	164
B00317360	42	90.6	3600	<2	<0.5	46
B00317361	55	76.5	2300	7	5.7	258
B00317362	16	85.2	400	<2	<0.5	257
B00317363	6	122	1700	<2	0.6	247
B00317364	14	101	1000	<2	<0.5	33
B00317365	5	80.9	200	<2	1.2	85
B00317366	8	126	700	<2	<0.5	607
B00317367	4	73.7	300	<2	0.7	410
B00317368	9	121	200	<2	<0.5	133
B00317369	1	78.1	200	<2	0.6	351
B00317370	6	137	400	<2	<0.5	485
B00317371	<1	47.6	300	<2	<0.5	3
B00317372	9	77.2	1100	<2	4.8	590
B00317373	15	131	200	<2	<0.5	430

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317374	20	105	6300	14	1.3	51
B00317375	20	7.4	300	<2	7.8	615
B00317376	18	122	1900	<2	<0.5	155
B00317377	2	105	400	<2	0.9	335
B00317378	2	79.0	7500	4	0.8	118
B00317379	49	86.5	4100	7	<0.5	29
B00317380	25	59.7	4700	17	1.9	185
*Rep B00317305	16	80.4	1500	<2	<0.5	27
*Rep B00317320	2	99.4	2800	<2	<0.5	175
*Rep B00317340	<1	27.4	<100	<2	<0.5	1
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Std AMIS0169	2	29.0	3000	3	1.9	334
*Rep B00317374	23	107	5900	10	0.5	49
*Blk BLANK	<1	0.9	<100	<2	<0.5	1
*Std AMIS0169	1	29.2	2900	3	1.9	355
*Rep B00317332	<1	21.0	300	6	<0.5	8

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	54	0.8	24	<1	0.8	<0.1
B00317302	47	0.4	106	<1	1.8	<0.1

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317303	224	0.5	23	<1	4.5	<0.1
B00317304	47	0.7	235	<1	18.3	<0.1
B00317305	48	<0.1	39	<1	4.9	<0.1
B00317306	47	<0.1	18	<1	12.7	<0.1
B00317307	286	<0.1	63	<1	34.9	<0.1
B00317308	79	<0.1	9	<1	7.4	<0.1
B00317309	68	1.4	247	<1	87.8	<0.1
B00317310	160	<0.1	26	<1	17.2	<0.1
B00317311	190	<0.1	183	<1	6.6	<0.1
B00317312	120	0.5	233	<1	180	<0.1
B00317313	204	<0.1	125	<1	227	<0.1
B00317314	262	0.2	283	<1	315	<0.1
B00317315	164	<0.1	137	<1	228	<0.1
B00317316	73	<0.1	75	<1	108	<0.1
B00317317	31	0.2	6	<1	1.4	<0.1
B00317318	84	1.1	307	<1	68.0	<0.1
B00317319	52	<0.1	20	<1	4.7	<0.1
B00317320	74	<0.1	22	<1	42.9	<0.1
B00317321	178	<0.1	58	<1	66.0	<0.1
B00317322	88	<0.1	88	<1	76.7	<0.1
B00317323	63	<0.1	299	<1	35.5	<0.1
B00317324	64	<0.1	192	<1	132	<0.1
B00317325	156	<0.1	64	<1	79.8	<0.1
B00317326	94	0.1	45	<1	1.7	<0.1
B00317327	127	<0.1	276	<1	24.1	<0.1
B00317328	86	0.1	327	<1	33.4	<0.1
B00317329	159	0.5	768	<1	65.1	<0.1
B00317330	17	0.4	29	<1	1.2	<0.1
B00317331	15	0.4	30	<1	2.0	<0.1
B00317332	19	1.0	226	<1	1.6	<0.1

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317333	128	<0.1	421	<1	37.2	<0.1
B00317334	188	<0.1	99	<1	74.2	<0.1
B00317335	51	<0.1	33	<1	14.6	<0.1
B00317336	27	<0.1	42	<1	118	<0.1
B00317337	159	<0.1	176	<1	55.4	<0.1
B00317338	236	<0.1	164	<1	48.6	<0.1
B00317339	21	0.3	<5	<1	<0.5	<0.1
B00317340	12	0.3	<5	<1	<0.5	<0.1
B00317341	228	0.4	148	<1	83.5	<0.1
B00317342	258	0.2	215	<1	37.3	<0.1
B00317343	69	<0.1	141	<1	55.1	<0.1
B00317344	172	0.3	376	<1	80.2	<0.1
B00317345	42	<0.1	32	<1	5.5	<0.1
B00317346	53	<0.1	28	<1	2.9	<0.1
B00317347	64	<0.1	36	<1	40.7	<0.1
B00317348	101	<0.1	22	<1	21.7	<0.1
B00317349	137	0.7	657	<1	65.0	<0.1
B00317350	58	<0.1	61	<1	61.1	<0.1
B00317351	25	0.4	7	<1	<0.5	<0.1
B00317352	91	0.1	29	<1	47.1	<0.1
B00317353	45	<0.1	39	<1	140	<0.1
B00317354	124	1.2	271	<1	27.6	<0.1
B00317355	49	0.4	239	<1	65.8	<0.1
B00317356	36	<0.1	17	<1	36.8	<0.1
B00317357	106	0.1	39	<1	50.5	<0.1
B00317358	14	0.5	<5	<1	0.6	<0.1
B00317359	108	0.1	604	<1	39.6	<0.1
B00317360	59	<0.1	197	<1	8.5	<0.1
B00317361	139	0.5	537	<1	68.1	<0.1
B00317362	38	0.1	41	<1	57.6	<0.1

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317363	171	<0.1	96	<1	54.6	<0.1
B00317364	43	<0.1	41	<1	6.0	<0.1
B00317365	51	0.2	18	<1	20.1	<0.1
B00317366	94	<0.1	74	<1	131	<0.1
B00317367	82	<0.1	59	<1	89.9	<0.1
B00317368	65	<0.1	19	<1	25.8	<0.1
B00317369	70	0.1	130	<1	74.0	<0.1
B00317370	39	<0.1	53	<1	95.1	<0.1
B00317371	10	0.3	31	<1	0.5	<0.1
B00317372	47	0.4	111	<1	139	<0.1
B00317373	58	<0.1	81	<1	82.6	<0.1
B00317374	232	<0.1	68	<1	11.9	<0.1
B00317375	69	0.6	318	<1	147	<0.1
B00317376	134	<0.1	90	<1	31.6	<0.1
B00317377	119	<0.1	109	<1	73.1	<0.1
B00317378	264	<0.1	181	<1	28.1	<0.1
B00317379	60	<0.1	75	<1	4.8	<0.1
B00317380	96	0.1	320	<1	45.5	<0.1
*Rep B00317305	52	<0.1	40	<1	4.6	<0.1
*Rep B00317320	74	<0.1	29	<1	47.2	<0.1
*Rep B00317340	13	0.1	<5	<1	<0.5	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	338	2.4	92	<1	90.4	<0.1
*Rep B00317374	212	<0.1	52	<1	11.2	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	360	2.3	97	<1	95.7	<0.1
*Rep B00317332	18	1.0	218	<1	1.5	<0.1

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	16	1.0	7	<1	<1	550
B00317302	73	0.5	16	3	<1	220
B00317303	137	<0.5	21	4	<1	550
B00317304	217	<0.5	29	16	<1	20
B00317305	71	6.0	<5	7	<1	710
B00317306	38	<0.5	<5	17	<1	840
B00317307	85	<0.5	6	32	<1	820
B00317308	96	<0.5	<5	10	<1	730
B00317309	299	0.5	79	76	1	120
B00317310	103	<0.5	6	19	<1	340
B00317311	52	1.0	<5	7	<1	720
B00317312	191	<0.5	75	131	<1	720
B00317313	64	<0.5	57	197	<1	2260
B00317314	120	<0.5	130	252	<1	800
B00317315	73	<0.5	37	178	<1	1400
B00317316	79	<0.5	25	97	<1	1250
B00317317	230	<0.5	15	1	<1	140
B00317318	290	<0.5	74	55	2	130
B00317319	47	<0.5	<5	9	<1	680
B00317320	164	4.6	7	29	<1	600
B00317321	107	<0.5	16	46	<1	630
B00317322	61	<0.5	12	84	<1	1360
B00317323	192	<0.5	19	37	<1	560
B00317324	91	<0.5	53	138	<1	1320

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317325	31	<0.5	11	85	<1	2840
B00317326	124	<0.5	14	1	<1	680
B00317327	60	<0.5	16	19	<1	1400
B00317328	89	<0.5	26	38	<1	780
B00317329	117	1.4	44	45	<1	1350
B00317330	3	<0.5	<5	2	<1	590
B00317331	1	<0.5	<5	3	<1	530
B00317332	13	<0.5	<5	2	<1	390
B00317333	79	0.5	18	26	<1	1990
B00317334	62	<0.5	13	67	<1	1560
B00317335	73	<0.5	6	22	<1	1470
B00317336	96	<0.5	33	144	<1	1750
B00317337	34	0.6	10	50	<1	3040
B00317338	64	<0.5	11	44	<1	1710
B00317339	12	<0.5	<5	<1	<1	1080
B00317340	2	<0.5	<5	<1	<1	550
B00317341	116	<0.5	63	73	<1	950
B00317342	50	<0.5	48	38	<1	1310
B00317343	117	<0.5	38	58	<1	990
B00317344	110	<0.5	44	72	<1	1220
B00317345	29	<0.5	<5	9	<1	1990
B00317346	23	<0.5	<5	6	<1	940
B00317347	144	<0.5	12	33	<1	630
B00317348	36	<0.5	<5	18	<1	1090
B00317349	111	2.1	25	44	<1	1050
B00317350	66	<0.5	11	63	1	1430
B00317351	2	<0.5	8	<1	<1	460
B00317352	84	<0.5	9	40	<1	710
B00317353	55	<0.5	20	159	<1	2180
B00317354	353	<0.5	51	29	<1	140

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317355	297	<0.5	40	52	<1	40
B00317356	55	<0.5	8	42	<1	1310
B00317357	79	<0.5	13	46	<1	1020
B00317358	2	<0.5	5	<1	<1	410
B00317359	120	2.3	13	28	<1	1660
B00317360	51	<0.5	<5	11	<1	3240
B00317361	173	1.1	52	41	<1	1410
B00317362	73	<0.5	12	51	<1	880
B00317363	72	<0.5	21	50	<1	1500
B00317364	14	<0.5	<5	10	<1	1450
B00317365	63	<0.5	6	15	<1	1230
B00317366	80	<0.5	21	125	<1	1190
B00317367	52	<0.5	15	77	<1	1190
B00317368	21	<0.5	6	29	<1	1910
B00317369	88	<0.5	16	70	<1	800
B00317370	80	<0.5	17	112	<1	1800
B00317371	6	<0.5	<5	1	<1	500
B00317372	110	<0.5	52	106	<1	1120
B00317373	83	<0.5	18	99	<1	2320
B00317374	29	<0.5	7	9	<1	1210
B00317375	187	<0.5	53	102	1	100
B00317376	30	<0.5	6	33	<1	1400
B00317377	79	<0.5	16	65	<1	1390
B00317378	79	<0.5	22	23	<1	1830
B00317379	15	<0.5	<5	8	<1	2340
B00317380	50	0.9	11	35	<1	1250
*Rep B00317305	63	8.1	<5	9	<1	720
*Rep B00317320	184	6.5	6	33	<1	620
*Rep B00317340	<1	<0.5	6	<1	<1	540
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
*Std AMIS0169	230	0.9	43	55	<1	80
*Rep B00317374	27	<0.5	5	10	<1	1250
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Std AMIS0169	216	1.2	44	55	<1	90
*Rep B00317332	11	<0.5	<5	2	<1	360

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	<1	<0.1	<10	4.2	140	0.2
B00317302	<1	0.9	<10	12.3	280	0.4
B00317303	<1	0.7	<10	44.0	420	0.5
B00317304	<1	2.2	<10	20.4	980	0.5
B00317305	<1	1.2	20	3.4	<10	1.5
B00317306	<1	2.1	<10	3.7	<10	0.3
B00317307	<1	4.0	<10	16.5	<10	0.5
B00317308	<1	1.1	<10	4.7	<10	0.4
B00317309	1	9.2	<10	75.3	3000	1.0
B00317310	<1	2.5	<10	14.2	10	0.5
B00317311	<1	0.8	<10	2.7	10	0.4
B00317312	<1	15.7	<10	104	930	0.5
B00317313	<1	26.9	<10	27.8	<10	<0.1

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317314	<1	31.1	<10	108	550	0.3
B00317315	<1	21.0	<10	57.5	10	0.3
B00317316	<1	12.5	<10	41.5	10	0.3
B00317317	<1	<0.1	<10	11.5	430	0.4
B00317318	1	6.6	<10	94.7	3650	0.8
B00317319	<1	1.2	<10	3.9	<10	0.4
B00317320	<1	2.5	<10	13.6	30	0.8
B00317321	<1	4.8	<10	15.9	30	0.3
B00317322	<1	10.8	<10	34.3	<10	0.2
B00317323	<1	7.1	<10	14.9	160	0.4
B00317324	<1	21.5	<10	32.8	30	0.2
B00317325	<1	13.7	<10	22.3	<10	<0.1
B00317326	<1	0.2	<10	9.4	190	0.4
B00317327	<1	3.2	<10	6.3	50	0.3
B00317328	<1	8.1	<10	13.5	90	0.3
B00317329	<1	5.6	<10	92.7	920	0.4
B00317330	<1	0.2	<10	1.2	10	<0.1
B00317331	<1	0.3	<10	2.4	20	<0.1
B00317332	<1	0.2	<10	3.8	20	0.2
B00317333	<1	2.7	<10	49.4	270	0.3
B00317334	<1	8.8	<10	68.0	30	0.3
B00317335	<1	3.3	<10	7.9	<10	0.4
B00317336	<1	20.0	<10	34.2	<10	0.5
B00317337	<1	5.9	<10	86.4	20	<0.1
B00317338	<1	6.0	<10	37.2	20	0.2
B00317339	<1	<0.1	<10	1.9	70	0.2
B00317340	<1	<0.1	<10	5.8	30	<0.1
B00317341	<1	9.9	<10	57.5	680	0.4
B00317342	<1	6.8	<10	35.3	190	0.3
B00317343	<1	8.4	<10	38.0	70	0.2

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317344	<1	14.0	<10	39.7	160	0.5
B00317345	<1	1.5	<10	4.3	<10	<0.1
B00317346	<1	0.8	<10	3.0	<10	<0.1
B00317347	<1	3.4	<10	20.9	70	0.2
B00317348	<1	1.8	<10	19.7	20	<0.1
B00317349	<1	4.7	<10	122	1180	0.5
B00317350	<1	8.6	<10	36.1	20	0.1
B00317351	<1	<0.1	<10	4.6	20	<0.1
B00317352	<1	4.3	<10	39.0	160	0.2
B00317353	<1	22.5	<10	23.2	<10	0.2
B00317354	<1	6.8	<10	35.6	1680	0.8
B00317355	<1	6.2	<10	21.9	1240	0.5
B00317356	<1	5.0	<10	11.6	<10	0.3
B00317357	<1	5.7	<10	37.6	140	0.3
B00317358	<1	<0.1	<10	5.1	30	<0.1
B00317359	<1	3.2	<10	56.5	190	0.3
B00317360	<1	1.7	<10	12.7	<10	<0.1
B00317361	<1	4.4	<10	86.6	880	0.5
B00317362	<1	6.0	<10	35.0	50	0.3
B00317363	<1	6.8	<10	48.3	20	0.4
B00317364	<1	1.6	<10	7.6	<10	<0.1
B00317365	<1	1.5	<10	18.1	150	0.2
B00317366	<1	17.2	<10	47.0	<10	0.2
B00317367	<1	9.0	<10	48.3	130	<0.1
B00317368	<1	4.0	<10	11.0	<10	<0.1
B00317369	<1	8.6	<10	24.9	130	0.1
B00317370	<1	17.9	<10	26.4	<10	0.3
B00317371	<1	0.2	<10	<0.5	20	<0.1
B00317372	<1	12.6	<10	49.5	790	0.3
B00317373	<1	16.7	<10	20.7	<10	0.3

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317374	<1	1.1	<10	13.7	20	0.2
B00317375	<1	12.2	<10	35.2	2000	0.5
B00317376	<1	3.8	<10	27.6	20	0.1
B00317377	<1	8.2	<10	58.9	50	0.3
B00317378	<1	3.6	<10	13.5	50	0.4
B00317379	<1	1.1	<10	9.1	10	<0.1
B00317380	<1	3.6	<10	62.7	150	0.2
*Rep B00317305	<1	1.4	30	3.7	<10	1.4
*Rep B00317320	<1	2.9	20	14.6	40	1.0
*Rep B00317340	<1	<0.1	<10	5.7	40	<0.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Std AMIS0169	<1	4.7	<10	55.1	310	1.1
*Rep B00317374	<1	1.4	<10	14.6	10	0.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Std AMIS0169	<1	4.7	<10	57.7	330	1.2
*Rep B00317332	<1	0.1	<10	3.9	20	0.2

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317107						
B00317108						
B00317109						
B00317110						
B00317111						
B00317112						
B00317301	167	<0.5	7	1.0	110	7
B00317302	17.7	<0.5	47	7.6	140	11

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317303	10.3	<0.5	22	2.9	830	30
B00317304	3.3	<0.5	59	5.6	270	36
B00317305	<0.5	<0.5	39	2.7	<10	6
B00317306	13.0	<0.5	61	2.9	30	4
B00317307	54.9	<0.5	109	7.2	230	6
B00317308	1.2	<0.5	35	1.8	<10	8
B00317309	8.8	1.2	252	17.2	120	129
B00317310	5.0	<0.5	70	5.1	30	16
B00317311	127	<0.5	36	2.4	380	4
B00317312	10.2	0.6	443	31.2	170	103
B00317313	16.7	<0.5	887	85.0	550	24
B00317314	37.2	<0.5	786	64.8	100	66
B00317315	19.1	<0.5	666	68.3	300	41
B00317316	6.6	<0.5	332	25.1	110	19
B00317317	1.8	<0.5	4	0.7	70	21
B00317318	7.6	1.4	138	11.4	80	139
B00317319	1.7	<0.5	39	2.3	<10	10
B00317320	7.7	<0.5	57	3.6	20	8
B00317321	23.5	<0.5	142	9.4	50	13
B00317322	11.4	<0.5	291	22.8	220	16
B00317323	2.8	<0.5	242	16.3	50	11
B00317324	19.8	<0.5	642	56.3	340	42
B00317325	12.3	<0.5	466	29.5	370	10
B00317326	22.5	<0.5	27	15.5	150	13
B00317327	401	<0.5	137	8.7	60	6
B00317328	140	<0.5	382	25.4	1150	5
B00317329	68.5	1.6	172	17.4	400	138
B00317330	3.2	<0.5	11	1.5	220	3
B00317331	2.5	<0.5	15	2.0	490	4
B00317332	1.8	<0.5	10	1.2	390	8

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



Submission No Probe metals/ 621 MMI (1-86)
Purchase Order Number Probe metals/ 621 MMI (1-86)
Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317333	28.1	0.5	82	6.7	160	53
B00317334	28.6	<0.5	237	21.3	420	27
B00317335	4.7	<0.5	94	6.4	100	8
B00317336	13.4	<0.5	539	31.8	160	14
B00317337	43.4	<0.5	143	13.7	100	37
B00317338	90.9	<0.5	178	15.9	250	25
B00317339	9.0	<0.5	1	0.9	<10	5
B00317340	7.9	<0.5	6	1.4	30	7
B00317341	24.7	0.6	297	27.3	390	87
B00317342	96.5	<0.5	281	25.9	380	48
B00317343	11.5	<0.5	280	28.5	970	51
B00317344	420	0.8	606	55.9	330	48
B00317345	6.8	<0.5	56	5.2	250	5
B00317346	2.1	<0.5	26	1.8	80	4
B00317347	9.2	<0.5	92	6.2	390	17
B00317348	11.1	<0.5	48	3.2	100	16
B00317349	53.6	1.9	125	11.4	220	163
B00317350	9.4	<0.5	201	16.2	170	18
B00317351	18.3	<0.5	7	1.4	240	4
B00317352	16.5	<0.5	101	7.6	540	28
B00317353	10.4	<0.5	724	43.4	160	9
B00317354	7.7	0.8	218	18.7	460	65
B00317355	4.8	<0.5	147	9.5	60	37
B00317356	5.4	<0.5	133	7.8	70	6
B00317357	30.6	<0.5	164	13.5	440	28
B00317358	3.8	<0.5	6	1.0	220	7
B00317359	34.3	1.4	97	9.2	90	39
B00317360	38.8	0.7	55	6.0	100	13
B00317361	136	1.3	133	13.3	190	104
B00317362	23.8	<0.5	149	10.6	70	25

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



Submission No Probe metals/ 621 MMI (1-86)
 Purchase Order Number Probe metals/ 621 MMI (1-86)
 Number of Samples 86

ANALYSIS REPORT BBM19-00353

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317363	9.8	<0.5	203	19.6	350	41
B00317364	6.5	<0.5	49	4.0	70	8
B00317365	3.5	<0.5	45	3.1	370	22
B00317366	7.1	<0.5	492	35.6	200	25
B00317367	29.0	<0.5	240	16.9	340	36
B00317368	6.9	<0.5	120	7.2	120	6
B00317369	9.1	<0.5	211	13.7	320	22
B00317370	10.7	<0.5	465	33.2	240	11
B00317371	1.5	<0.5	10	1.4	120	<2
B00317372	7.1	0.6	362	27.2	200	73
B00317373	15.4	<0.5	597	54.1	450	11
B00317374	87.9	0.6	41	3.9	120	7
B00317375	4.8	0.6	327	21.0	140	66
B00317376	19.4	<0.5	109	7.6	140	12
B00317377	85.3	<0.5	238	20.6	190	44
B00317378	360	<0.5	128	10.6	460	18
B00317379	30.7	<0.5	35	3.1	80	10
B00317380	35.7	0.6	93	7.9	70	49
*Rep B00317305	0.5	<0.5	41	2.5	<10	6
*Rep B00317320	7.8	<0.5	62	4.1	30	9
*Rep B00317340	7.1	<0.5	9	2.1	<10	7
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	18.6	0.8	95	7.4	150	36
*Rep B00317374	96.9	<0.5	42	3.7	140	5
*Blk BLANK	1.0	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	18.8	0.9	102	8.2	150	38
*Rep B00317332	1.8	<0.5	10	1.2	410	8

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



ANALYSIS REPORT BBM19-00354

To PROBE METALS INC
DANIEL LAFONTAINE
1338 RUE TURCOTTE
VAL-D'OR J9P 3X6
QC
CANADA

Submission No	Probe metals/ 621 MMI (87-172)	Date Received	02-Jul-2019
Purchase Order Number	Probe metals/ 621 MMI (87-172)	Date Analysed	05-Jul-2019 - 26-Jul-2019
Number of Samples	86	Date Completed	26-Jul-2019
		SGS Order Number	BBM19-00354

Methods Summary

Number of Sample	Method Code	Description
86	G_LOG	Sample Registration Fee
86	G_WGH_KG	Weight of samples received
86	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Storage

Pulp	Store for 90 days
Reject	Store for 30 days

Authorised Signatory

Gerald Chik
Laboratory Manager

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317381	0.81	<0.5	47	<10	<0.1	40
B00317382	0.63	<0.5	39	<10	<0.1	20
B00317383	0.67	<0.5	36	<10	<0.1	<10
B00317384	0.82	<0.5	38	10	<0.1	<10
B00317385	1.04	8.0	11	<10	0.4	2150
B00317386	1.01	9.6	43	<10	0.2	2210
B00317387	0.97	14.7	21	<10	0.3	2270
B00317388	0.95	1.3	135	<10	<0.1	820
B00317389	0.93	16.3	177	<10	<0.1	1440
B00317390	1.24	19.9	42	<10	0.3	2070
B00317391	0.83	13.6	25	10	0.1	2780
B00317392	0.80	13.4	31	<10	0.2	2620
B00317393	0.86	9.7	22	<10	0.1	2330
B00317394	0.87	4.4	236	20	0.2	1980
B00317395	0.65	5.7	40	10	0.2	1400
B00317396	0.79	<0.5	45	10	<0.1	160
B00317397	0.79	<0.5	33	<10	<0.1	30
B00317398	0.85	<0.5	38	<10	<0.1	30
B00317399	0.78	<0.5	49	10	<0.1	30
B00317400	1.02	15.0	21	<10	0.5	3010
B00317401	0.95	9.5	80	<10	0.2	4410
B00317402	1.19	2.7	599	20	0.3	5090
B00317403	1.04	8.6	105	<10	0.2	1740
B00317404	1.01	3.3	81	<10	0.2	1830
B00317405	0.79	<0.5	46	<10	<0.1	160
B00317406	1.14	14.9	94	<10	0.2	1150
B00317407	1.38	5.3	15	<10	0.4	1930
B00317408	0.82	4.7	92	<10	0.4	2050
B00317409	0.94	11.2	62	<10	0.2	670
B00317410	0.91	3.8	97	<10	0.3	1900

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317411	1.26	2.9	28	<10	0.5	1640
B00317412	1.48	8.0	28	<10	0.3	1770
B00317413	0.81	5.4	29	<10	0.2	1870
B00317414	1.00	14.0	32	<10	0.3	2120
B00317415	0.93	11.5	40	<10	0.2	2120
B00317416	0.95	0.5	106	10	<0.1	100
B00317417	0.91	<0.5	89	<10	<0.1	70
B00317418	0.82	12.2	14	<10	0.3	2800
B00317419	0.87	14.4	64	<10	0.2	1750
B00317420	0.85	7.1	152	<10	<0.1	1610
B00317421	0.96	11.6	94	<10	0.1	1730
B00317422	0.95	10.3	101	<10	0.2	1980
B00317423	1.07	15.3	54	<10	<0.1	1830
B00317424	0.90	6.4	96	<10	0.3	1470
B00317425	1.14	12.3	34	<10	<0.1	1470
B00317426	1.15	3.5	27	<10	0.4	2040
B00317427	0.98	14.3	15	<10	0.3	2600
B00317428	0.99	0.5	105	<10	<0.1	170
B00317429	1.01	<0.5	48	<10	<0.1	120
B00317430	0.69	<0.5	71	<10	<0.1	100
B00317431	1.06	8.9	59	<10	0.1	1690
B00317432	1.49	8.3	26	<10	0.3	1540
B00317433	0.80	6.1	53	<10	0.2	2230
B00317434	0.89	17.5	26	<10	0.2	1530
B00317435	1.01	6.1	57	<10	0.2	1620
B00317436	0.76	5.4	23	<10	0.1	2200
B00317437	0.88	14.2	32	20	0.3	3010
B00317438	1.10	12.3	30	<10	0.3	2620
B00317439	1.13	12.7	28	10	0.3	2530
B00317440	1.00	17.1	18	10	0.2	3800

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317441	0.78	<0.5	24	<10	<0.1	120
B00317442	0.90	9.7	63	<10	0.2	1680
B00317443	0.99	13.0	17	<10	0.2	1550
B00317444	0.95	5.3	45	<10	0.1	1970
B00317445	0.78	14.6	74	10	0.2	2750
B00317446	0.91	<0.5	91	<10	<0.1	190
B00317447	0.97	15.6	42	<10	0.2	2870
B00317448	0.96	8.8	13	<10	0.3	3320
B00317449	1.00	6.9	22	<10	0.2	1600
B00317450	1.05	11.4	35	<10	0.2	2140
B00317451	1.27	22.0	13	<10	0.1	3110
B00317452	1.04	7.3	135	<10	0.2	1860
B00317453	1.21	4.7	108	<10	0.3	1740
B00317454	1.28	12.6	32	<10	0.3	2030
B00317455	1.35	5.0	37	<10	0.2	1730
B00317456	1.21	6.0	21	<10	0.3	1470
B00317457	1.36	10.0	60	<10	0.3	2200
B00317458	1.10	6.2	42	20	0.3	3500
B00317459	0.99	<0.5	143	<10	<0.1	170
B00317460	0.92	12.8	15	<10	0.3	1610
B00317461	1.27	13.4	30	<10	0.2	2020
B00317462	1.31	5.9	33	<10	0.2	1510
B00317463	0.79	10.4	81	10	0.4	2940
B00317464						
B00317465						
B00317466						
*Rep B00317419	-	15.0	72	<10	0.1	1550
*Rep B00317464	-	9.3	14	<10	0.5	1670
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep B00317449	-	8.3	23	<10	0.2	1650

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
*Std AMIS0169	-	8.4	58	10	0.5	1080
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep B00317396	-	<0.5	49	<10	<0.1	140
*Std AMIS0169	-	7.9	69	10	0.4	1120
*Std AMIS0169	-	7.6	44	<10	0.6	1110

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317381	<0.5	298	7	5	56	<100
B00317382	<0.5	248	6	3	42	<100
B00317383	<0.5	290	7	3	46	<100
B00317384	<0.5	300	6	<2	28	<100
B00317385	<0.5	528	3	23	138	<100
B00317386	<0.5	522	6	426	29	<100
B00317387	<0.5	607	4	18	16	<100
B00317388	<0.5	245	23	5	66	<100
B00317389	1.1	343	45	292	258	<100
B00317390	<0.5	619	7	98	65	<100
B00317391	0.6	443	8	607	62	<100
B00317392	<0.5	634	6	124	10	<100
B00317393	<0.5	440	5	221	17	<100
B00317394	1.2	202	8	954	187	200
B00317395	<0.5	451	6	137	50	<100
B00317396	<0.5	334	7	8	8	<100
B00317397	<0.5	269	9	<2	28	<100
B00317398	<0.5	269	13	9	40	<100
B00317399	<0.5	289	14	13	41	<100

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317400	<0.5	704	4	44	6	<100
B00317401	<0.5	716	5	763	10	<100
B00317402	2.2	115	10	818	205	500
B00317403	<0.5	491	7	456	145	100
B00317404	<0.5	398	6	584	26	<100
B00317405	<0.5	287	7	16	59	<100
B00317406	<0.5	507	23	289	72	<100
B00317407	<0.5	450	3	35	15	<100
B00317408	<0.5	353	5	465	23	<100
B00317409	<0.5	588	40	81	78	<100
B00317410	<0.5	379	7	303	14	<100
B00317411	<0.5	388	2	9	10	<100
B00317412	<0.5	478	5	63	40	<100
B00317413	<0.5	461	4	25	17	<100
B00317414	<0.5	684	5	68	12	<100
B00317415	<0.5	517	7	65	7	<100
B00317416	<0.5	192	5	11	53	<100
B00317417	<0.5	214	17	21	95	<100
B00317418	<0.5	600	7	333	95	<100
B00317419	<0.5	377	22	224	82	<100
B00317420	<0.5	436	32	352	159	200
B00317421	<0.5	460	29	234	182	<100
B00317422	<0.5	429	14	416	111	<100
B00317423	<0.5	471	13	138	56	<100
B00317424	<0.5	456	12	390	107	<100
B00317425	<0.5	520	7	70	72	<100
B00317426	<0.5	519	3	16	18	<100
B00317427	<0.5	490	5	553	57	<100
B00317428	0.5	72	9	8	182	<100
B00317429	<0.5	142	3	26	54	<100

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317430	<0.5	150	8	15	48	<100
B00317431	<0.5	484	7	293	64	100
B00317432	<0.5	491	4	31	140	<100
B00317433	<0.5	560	3	87	35	<100
B00317434	<0.5	544	7	9	15	<100
B00317435	<0.5	518	9	128	30	<100
B00317436	<0.5	495	3	44	16	<100
B00317437	<0.5	434	9	474	107	<100
B00317438	<0.5	447	7	762	150	<100
B00317439	<0.5	462	5	364	44	<100
B00317440	<0.5	456	10	489	95	<100
B00317441	<0.5	250	4	<2	24	<100
B00317442	<0.5	509	9	584	168	<100
B00317443	<0.5	546	7	52	148	<100
B00317444	<0.5	506	9	501	89	<100
B00317445	1.0	407	17	739	156	<100
B00317446	<0.5	139	20	15	108	<100
B00317447	<0.5	384	9	526	79	<100
B00317448	<0.5	480	7	114	59	<100
B00317449	<0.5	462	1	137	15	<100
B00317450	<0.5	556	7	390	58	<100
B00317451	<0.5	549	7	180	64	<100
B00317452	<0.5	321	11	514	284	100
B00317453	<0.5	323	5	446	67	<100
B00317454	<0.5	474	4	153	25	<100
B00317455	<0.5	470	3	33	55	<100
B00317456	<0.5	471	6	247	46	<100
B00317457	<0.5	516	3	286	16	<100
B00317458	<0.5	420	4	480	63	<100
B00317459	<0.5	70	3	4	93	<100

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317460	<0.5	500	5	18	73	<100
B00317461	<0.5	586	7	221	94	<100
B00317462	<0.5	450	2	59	37	<100
B00317463	0.9	436	5	599	76	<100
B00317464						
B00317465						
B00317466						
*Rep B00317419	<0.5	384	27	237	96	<100
*Rep B00317464	<0.5	393	4	21	15	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Rep B00317449	<0.5	506	3	138	19	<100
*Std AMIS0169	<0.5	42	2	793	88	<100
*Blk BLANK	<0.5	2	<1	2	<1	<100
*Rep B00317396	<0.5	342	9	10	11	<100
*Std AMIS0169	<0.5	39	2	777	101	100
*Std AMIS0169	<0.5	33	2	633	76	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317381	<0.2	140	1.5	1.4	0.3	49
B00317382	0.3	100	1.4	1.2	0.3	43
B00317383	0.2	80	1.5	1.2	<0.2	43
B00317384	0.3	40	0.9	1.0	<0.2	34
B00317385	<0.2	830	10.2	5.6	2.3	5
B00317386	0.3	1620	36.1	19.0	10.4	38
B00317387	<0.2	1110	22.1	12.5	5.2	9
B00317388	1.7	80	10.3	11.9	0.6	132

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317389	3.6	5030	61.5	53.3	8.3	104
B00317390	<0.2	1300	16.4	10.0	4.2	15
B00317391	0.7	3710	33.7	18.3	10.2	56
B00317392	<0.2	1150	48.0	27.3	12.1	13
B00317393	0.2	960	35.9	18.9	10.3	11
B00317394	2.2	700	91.1	52.4	23.6	122
B00317395	3.7	3360	9.4	5.3	3.0	29
B00317396	0.4	260	2.1	1.8	0.3	33
B00317397	<0.2	130	1.9	1.7	0.2	18
B00317398	<0.2	100	3.7	2.4	0.7	14
B00317399	<0.2	230	4.4	3.0	0.7	12
B00317400	<0.2	1080	68.6	35.0	18.5	10
B00317401	<0.2	800	203	116	51.2	24
B00317402	24.6	730	85.3	43.8	20.1	248
B00317403	1.1	1510	34.1	19.9	9.3	42
B00317404	0.6	990	185	94.5	53.1	14
B00317405	0.4	200	3.9	2.6	0.8	30
B00317406	0.9	1910	46.4	26.1	11.4	23
B00317407	0.3	430	17.0	8.7	5.8	8
B00317408	0.6	930	200	97.7	62.8	14
B00317409	0.7	9730	13.2	8.5	2.8	16
B00317410	1.4	370	28.9	13.7	9.6	24
B00317411	0.6	370	13.0	6.2	4.3	5
B00317412	0.3	880	19.4	10.1	5.2	9
B00317413	0.4	510	19.9	10.2	6.3	9
B00317414	0.4	640	18.9	10.8	5.4	11
B00317415	0.4	610	23.4	11.7	8.1	20
B00317416	0.2	300	2.3	2.5	0.3	87
B00317417	0.3	220	7.6	6.2	1.1	68
B00317418	0.3	3180	20.6	12.1	6.1	36

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317419	1.0	5260	17.4	10.1	4.6	20
B00317420	2.1	910	35.2	25.5	7.7	43
B00317421	0.5	5530	19.2	13.5	4.9	41
B00317422	0.6	940	37.5	22.8	9.9	33
B00317423	0.3	970	15.6	9.7	3.9	20
B00317424	0.5	1480	32.7	21.4	7.0	46
B00317425	<0.2	800	16.0	9.1	3.9	14
B00317426	<0.2	1060	25.2	15.1	5.8	7
B00317427	0.4	6330	27.4	14.6	8.7	37
B00317428	0.6	210	2.8	4.5	<0.2	146
B00317429	0.5	170	2.5	1.7	0.5	75
B00317430	0.2	20	3.5	3.2	0.6	92
B00317431	0.5	900	31.0	18.1	8.0	20
B00317432	0.3	1130	9.3	5.8	2.1	8
B00317433	0.2	1070	29.6	17.1	7.5	13
B00317434	0.6	1310	35.2	19.0	8.4	11
B00317435	0.4	720	24.8	14.0	6.3	17
B00317436	0.5	920	25.3	14.5	5.7	10
B00317437	1.1	8840	30.0	17.3	8.5	34
B00317438	0.4	5750	31.2	19.2	9.6	58
B00317439	1.9	5790	21.6	12.2	6.9	46
B00317440	1.2	8020	30.4	16.9	8.4	26
B00317441	0.2	70	<0.5	0.8	<0.2	25
B00317442	0.5	2380	37.1	23.4	9.6	42
B00317443	<0.2	950	9.7	6.3	1.8	6
B00317444	0.4	1110	57.2	33.4	14.0	20
B00317445	1.6	8010	43.6	28.1	10.6	89
B00317446	0.8	420	6.0	6.4	0.6	88
B00317447	1.5	6350	31.1	17.6	8.3	29
B00317448	0.3	6190	12.8	8.1	3.3	19

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317449	0.3	670	21.1	10.5	6.4	14
B00317450	0.2	1370	44.5	25.7	10.7	15
B00317451	<0.2	3280	25.2	12.5	7.0	8
B00317452	0.3	1120	86.1	54.1	19.9	86
B00317453	0.5	850	95.1	55.3	23.7	41
B00317454	0.5	910	41.1	23.5	9.9	14
B00317455	0.3	800	12.6	7.3	3.0	11
B00317456	0.5	1000	35.0	17.6	9.1	11
B00317457	<0.2	1220	75.0	44.0	19.2	22
B00317458	1.6	5310	20.9	11.7	7.1	46
B00317459	0.7	270	0.9	1.9	<0.2	89
B00317460	<0.2	1410	7.9	5.5	1.4	7
B00317461	<0.2	1350	29.5	18.5	6.8	14
B00317462	0.2	600	18.4	9.7	5.0	13
B00317463	2.7	6030	37.5	22.4	10.1	68
B00317464						
B00317465						
B00317466						
*Rep B00317419	0.8	5030	17.6	11.7	4.6	19
*Rep B00317464	<0.2	500	9.1	5.0	3.1	4
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep B00317449	0.5	770	23.5	12.4	6.9	14
*Std AMIS0169	6.7	3500	26.3	11.2	10.6	38
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep B00317396	0.6	370	2.3	1.9	0.4	29
*Std AMIS0169	7.3	3610	29.4	12.4	10.8	43
*Std AMIS0169	6.9	2640	21.3	9.9	8.9	28

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317381	2.7	1.2	<1	<1	0.7	<1
B00317382	2.5	0.9	<1	<1	0.9	<1
B00317383	3.4	0.9	<1	<1	1.6	<1
B00317384	3.0	<0.5	<1	<1	1.0	<1
B00317385	0.5	12.3	3	<1	24.9	<1
B00317386	0.8	46.5	<1	<1	23.0	224
B00317387	<0.5	29.0	2	<1	21.1	34
B00317388	2.7	2.5	<1	<1	11.2	<1
B00317389	6.7	43.7	<1	<1	23.8	162
B00317390	0.7	22.2	<1	<1	29.6	34
B00317391	1.4	44.4	<1	<1	23.2	284
B00317392	<0.5	63.1	2	<1	26.0	171
B00317393	0.7	51.1	1	<1	25.2	155
B00317394	8.9	109	<1	<1	17.8	414
B00317395	2.4	13.8	<1	<1	16.5	59
B00317396	3.7	2.1	<1	<1	2.5	<1
B00317397	1.1	1.5	<1	<1	0.5	<1
B00317398	1.7	3.1	<1	<1	<0.5	1
B00317399	1.5	3.8	<1	<1	0.6	3
B00317400	<0.5	92.5	4	<1	14.2	245
B00317401	0.9	248	4	<1	16.8	1190
B00317402	82.8	88.2	<1	<1	62.8	359
B00317403	1.6	42.9	<1	<1	15.7	195
B00317404	1.6	248	2	<1	11.3	730
B00317405	3.0	3.6	<1	<1	1.0	7
B00317406	1.9	58.1	<1	<1	17.2	191
B00317407	0.8	25.6	1	<1	16.9	66
B00317408	1.2	269	2	<1	21.5	794
B00317409	1.3	14.2	<1	<1	18.2	36
B00317410	1.8	39.7	<1	<1	15.0	166

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317411	<0.5	18.5	2	<1	15.8	38
B00317412	<0.5	26.2	1	<1	18.0	48
B00317413	0.6	30.2	2	<1	17.9	60
B00317414	0.8	26.2	2	<1	20.0	51
B00317415	1.3	32.9	<1	<1	23.4	99
B00317416	6.9	1.6	<1	<1	0.5	4
B00317417	4.5	5.5	<1	<1	0.8	7
B00317418	<0.5	28.0	<1	<1	24.1	136
B00317419	1.7	20.9	<1	<1	18.8	96
B00317420	4.3	36.1	<1	<1	18.7	142
B00317421	1.4	22.6	<1	<1	29.4	109
B00317422	1.7	46.4	<1	<1	30.8	194
B00317423	0.8	21.9	<1	<1	24.3	52
B00317424	0.9	33.0	<1	<1	22.5	159
B00317425	0.9	19.1	<1	<1	23.0	59
B00317426	<0.5	32.0	7	<1	20.6	67
B00317427	<0.5	39.1	<1	<1	23.7	243
B00317428	9.7	1.0	<1	<1	3.3	4
B00317429	3.6	2.4	<1	<1	1.4	11
B00317430	7.8	2.4	<1	<1	1.3	7
B00317431	1.0	40.3	<1	<1	18.2	124
B00317432	0.6	11.7	<1	<1	23.8	14
B00317433	1.1	37.4	1	<1	22.3	120
B00317434	0.9	42.4	2	<1	19.8	96
B00317435	1.0	31.4	<1	<1	22.3	102
B00317436	0.8	28.8	2	<1	23.8	69
B00317437	2.2	38.8	<1	<1	35.9	222
B00317438	1.4	43.4	<1	<1	23.5	328
B00317439	3.0	31.0	<1	<1	27.9	155
B00317440	0.6	41.5	<1	<1	31.8	220

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317441	1.6	<0.5	<1	<1	0.9	1
B00317442	1.0	42.2	<1	<1	13.5	260
B00317443	0.6	11.1	<1	<1	22.2	13
B00317444	1.0	70.2	1	<1	23.7	234
B00317445	2.5	48.9	<1	<1	28.9	303
B00317446	8.5	3.7	<1	<1	1.6	9
B00317447	2.3	40.1	<1	<1	28.3	216
B00317448	0.7	17.0	<1	<1	33.5	50
B00317449	<0.5	29.9	<1	<1	21.3	91
B00317450	1.0	56.7	<1	<1	25.2	168
B00317451	0.6	35.7	<1	<1	22.2	79
B00317452	1.8	91.7	<1	<1	23.8	452
B00317453	2.7	107	<1	<1	18.9	473
B00317454	0.7	49.0	<1	<1	13.5	126
B00317455	0.6	16.3	<1	<1	22.8	35
B00317456	0.7	43.5	<1	<1	16.6	113
B00317457	0.9	97.6	<1	<1	26.6	434
B00317458	2.4	30.0	<1	<1	26.6	218
B00317459	12.3	<0.5	<1	<1	2.2	3
B00317460	<0.5	8.8	<1	<1	32.2	6
B00317461	0.7	37.7	<1	<1	21.1	110
B00317462	0.9	24.7	<1	<1	18.3	74
B00317463	4.7	44.0	<1	<1	23.4	314
B00317464						
B00317465						
B00317466						
*Rep B00317419	1.3	21.7	<1	<1	18.6	106
*Rep B00317464	<0.5	14.4	2	<1	19.3	31
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	2
*Rep B00317449	0.8	31.8	<1	<1	21.8	90

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
*Std AMIS0169	12.0	41.8	<1	<0.1	45.2	473
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep B00317396	4.3	2.6	<1	<1	2.6	1
*Std AMIS0169	11.9	44.5	<1	<0.1	46.0	455
*Std AMIS0169	8.5	34.1	<1	<0.1	37.4	399

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317381	1	43.6	6900	3	<0.5	5
B00317382	<1	47.4	5500	3	<0.5	4
B00317383	1	45.7	6700	2	<0.5	3
B00317384	1	64.5	3100	2	<0.5	1
B00317385	49	129	10300	<2	<0.5	21
B00317386	9	142	1200	<2	2.6	276
B00317387	4	171	500	<2	<0.5	86
B00317388	14	70.9	1400	<2	<0.5	6
B00317389	20	85.6	3600	8	3.9	187
B00317390	14	132	2000	<2	1.1	77
B00317391	13	119	5800	3	5.0	319
B00317392	25	187	500	<2	<0.5	265
B00317393	6	133	400	<2	<0.5	249
B00317394	14	54.9	7800	2	10.5	591
B00317395	25	69.3	6000	43	2.4	80
B00317396	4	47.9	5600	8	<0.5	7
B00317397	<1	50.0	4200	3	<0.5	4
B00317398	<1	51.5	6900	2	<0.5	10
B00317399	<1	49.9	4200	<2	<0.5	13

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317400	18	200	300	<2	<0.5	342
B00317401	18	184	400	<2	1.3	1350
B00317402	229	92.7	5900	<2	36.3	490
B00317403	4	108	3200	5	2.5	251
B00317404	8	128	900	<2	0.6	1120
B00317405	2	52.9	7800	3	<0.5	18
B00317406	24	117	2600	4	0.9	269
B00317407	2	140	600	<2	<0.5	122
B00317408	3	106	1200	<2	<0.5	1280
B00317409	68	138	3600	15	1.7	59
B00317410	3	94.9	800	<2	0.8	232
B00317411	9	128	500	<2	<0.5	79
B00317412	22	126	1200	<2	<0.5	94
B00317413	13	124	1000	<2	<0.5	118
B00317414	34	168	700	<2	<0.5	100
B00317415	17	135	300	<2	<0.5	167
B00317416	1	33.3	1800	6	<0.5	8
B00317417	1	33.1	7100	4	<0.5	19
B00317418	22	201	6600	<2	1.1	182
B00317419	23	76.8	5800	19	1.4	112
B00317420	12	85.0	16200	6	2.6	190
B00317421	35	114	7900	26	2.5	137
B00317422	19	119	5500	3	1.7	259
B00317423	52	119	3300	8	1.0	94
B00317424	5	91.9	3700	3	1.5	177
B00317425	36	120	8600	3	<0.5	89
B00317426	4	145	800	<2	<0.5	94
B00317427	25	79.8	4900	19	1.1	282
B00317428	3	18.9	3000	4	0.8	4
B00317429	2	23.7	4300	5	0.6	15

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317430	1	32.0	1100	<2	<0.5	11
B00317431	17	132	3500	3	0.6	176
B00317432	39	101	7100	2	<0.5	32
B00317433	5	126	700	<2	0.6	160
B00317434	7	129	300	<2	<0.5	149
B00317435	3	115	1200	<2	<0.5	135
B00317436	36	119	400	<2	<0.5	103
B00317437	31	98.7	5500	193	2.0	244
B00317438	35	95.7	15900	27	3.1	337
B00317439	32	49.5	3200	54	2.5	197
B00317440	27	91.6	3800	42	1.0	258
B00317441	1	44.2	3700	4	<0.5	<1
B00317442	4	126	7600	5	2.1	279
B00317443	47	139	9900	6	<0.5	29
B00317444	17	127	5000	<2	<0.5	310
B00317445	31	91.0	5500	33	4.2	337
B00317446	4	27.4	4800	4	0.6	12
B00317447	28	84.5	6000	31	1.9	250
B00317448	46	98.9	4400	32	0.8	72
B00317449	6	115	400	<2	<0.5	128
B00317450	34	150	1700	<2	<0.5	240
B00317451	57	151	4100	11	<0.5	127
B00317452	21	107	9200	<2	2.2	495
B00317453	7	87.4	3100	<2	1.6	575
B00317454	39	138	2000	<2	<0.5	184
B00317455	9	111	1800	<2	<0.5	60
B00317456	10	129	1600	<2	<0.5	177
B00317457	20	137	400	<2	0.9	458
B00317458	24	82.6	1900	85	2.6	219
B00317459	3	21.1	1300	<2	0.6	2

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317460	88	139	3000	9	<0.5	18
B00317461	26	164	4500	<2	<0.5	151
B00317462	9	115	1600	<2	0.5	109
B00317463	39	66.2	2100	57	4.1	287
B00317464						
B00317465						
B00317466						
*Rep B00317419	20	73.1	5700	23	1.5	110
*Rep B00317464	90	81.5	500	<2	<0.5	54
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep B00317449	4	114	600	<2	<0.5	137
*Std AMIS0169	2	35.8	3800	3	2.6	397
*Blk BLANK	<1	<0.5	<100	<2	<0.5	2
*Rep B00317396	4	47.5	5300	10	0.5	10
*Std AMIS0169	2	35.2	3800	4	2.7	414
*Std AMIS0169	1	25.0	2500	2	1.8	304

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317381	27	0.6	43	<1	1.3	<0.1
B00317382	17	0.5	100	<1	0.8	<0.1
B00317383	20	0.3	87	<1	0.7	<0.1
B00317384	17	0.5	165	<1	<0.5	<0.1
B00317385	68	<0.1	59	<1	2.8	<0.1
B00317386	125	0.2	168	<1	66.6	<0.1
B00317387	119	<0.1	38	<1	16.1	<0.1
B00317388	103	<0.1	110	<1	1.0	<0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317389	629	0.5	671	<1	44.8	<0.1
B00317390	100	0.1	92	<1	15.5	<0.1
B00317391	120	0.3	319	<1	82.4	<0.1
B00317392	146	<0.1	68	<1	53.1	<0.1
B00317393	110	<0.1	56	<1	52.3	<0.1
B00317394	188	1.0	403	<1	141	<0.1
B00317395	187	<0.1	426	<1	19.5	<0.1
B00317396	33	0.3	192	<1	1.5	<0.1
B00317397	26	0.3	38	<1	0.9	<0.1
B00317398	26	0.5	233	<1	2.3	<0.1
B00317399	28	0.5	55	<1	2.7	<0.1
B00317400	82	<0.1	74	<1	69.6	<0.1
B00317401	120	<0.1	157	<1	322	<0.1
B00317402	379	2.2	476	<1	119	<0.1
B00317403	159	0.2	200	<1	59.7	<0.1
B00317404	58	<0.1	141	<1	252	<0.1
B00317405	36	0.5	41	<1	4.1	<0.1
B00317406	286	0.1	191	<1	59.5	<0.1
B00317407	67	<0.1	30	<1	24.8	<0.1
B00317408	47	<0.1	119	<1	274	<0.1
B00317409	711	0.3	290	<1	13.2	<0.1
B00317410	84	<0.1	75	<1	55.4	<0.1
B00317411	36	<0.1	21	<1	14.0	<0.1
B00317412	67	<0.1	100	<1	18.8	<0.1
B00317413	48	<0.1	51	<1	23.7	<0.1
B00317414	95	<0.1	60	<1	20.4	<0.1
B00317415	99	<0.1	73	<1	37.9	<0.1
B00317416	52	0.7	51	<1	2.0	<0.1
B00317417	34	0.6	83	<1	4.2	<0.1
B00317418	79	<0.1	111	<1	43.6	<0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317419	204	<0.1	496	<1	29.3	<0.1
B00317420	455	0.5	225	<1	45.7	<0.1
B00317421	426	0.1	715	<1	32.2	<0.1
B00317422	223	0.1	148	<1	61.6	<0.1
B00317423	177	0.2	95	<1	19.6	<0.1
B00317424	188	0.1	262	<1	43.3	<0.1
B00317425	153	<0.1	41	<1	18.6	<0.1
B00317426	57	<0.1	37	<1	18.5	<0.1
B00317427	71	<0.1	463	<1	63.5	<0.1
B00317428	34	0.8	149	<1	0.9	<0.1
B00317429	39	0.5	46	<1	3.9	<0.1
B00317430	23	0.5	75	<1	2.4	<0.1
B00317431	135	<0.1	82	<1	39.2	<0.1
B00317432	104	<0.1	58	<1	5.7	<0.1
B00317433	69	<0.1	69	<1	34.4	<0.1
B00317434	179	<0.1	44	<1	29.5	<0.1
B00317435	110	<0.1	99	<1	30.1	<0.1
B00317436	46	<0.1	69	<1	19.5	<0.1
B00317437	235	0.2	1010	<1	56.6	<0.1
B00317438	169	<0.1	259	<1	83.2	<0.1
B00317439	101	<0.1	480	<1	45.0	<0.1
B00317440	99	<0.1	911	<1	58.2	<0.1
B00317441	19	0.4	53	<1	<0.5	<0.1
B00317442	232	0.1	231	<1	69.2	<0.1
B00317443	94	<0.1	39	<1	5.2	<0.1
B00317444	176	<0.1	76	<1	69.7	<0.1
B00317445	294	0.2	1010	<1	84.9	<0.1
B00317446	31	0.6	242	<1	2.4	<0.1
B00317447	125	0.1	865	<1	59.5	<0.1
B00317448	76	<0.1	350	<1	14.3	<0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317449	90	<0.1	44	<1	28.2	<0.1
B00317450	186	<0.1	134	<1	50.8	<0.1
B00317451	187	<0.1	195	<1	26.2	<0.1
B00317452	225	0.5	296	<1	116	<0.1
B00317453	124	0.3	196	<1	138	<0.1
B00317454	112	<0.1	67	<1	37.7	<0.1
B00317455	67	<0.1	50	<1	11.8	<0.1
B00317456	144	<0.1	53	<1	36.7	<0.1
B00317457	105	<0.1	200	<1	106	<0.1
B00317458	148	0.3	1030	<1	54.0	<0.1
B00317459	28	0.4	54	<1	0.7	<0.1
B00317460	58	<0.1	77	<1	2.7	<0.1
B00317461	179	<0.1	77	<1	30.4	<0.1
B00317462	68	<0.1	49	<1	22.1	<0.1
B00317463	187	0.4	996	<1	71.8	<0.1
B00317464						
B00317465						
B00317466						
*Rep B00317419	224	<0.1	527	<1	29.2	<0.1
*Rep B00317464	58	<0.1	37	<1	11.3	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep B00317449	87	0.1	43	<1	28.7	<0.1
*Std AMIS0169	394	2.7	111	<1	104	<0.1
*Blk BLANK	<5	<0.1	<5	<1	0.9	<0.1
*Rep B00317396	39	0.4	166	<1	2.0	<0.1
*Std AMIS0169	399	2.6	125	<1	107	<0.1
*Std AMIS0169	303	2.1	88	<1	85.7	<0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317381	5	1.7	<5	<1	<1	750
B00317382	6	1.4	<5	<1	<1	650
B00317383	7	0.9	<5	<1	<1	950
B00317384	5	0.9	<5	<1	<1	990
B00317385	19	1.0	<5	8	<1	1590
B00317386	37	1.0	17	48	<1	1790
B00317387	36	0.7	10	21	<1	1740
B00317388	150	<0.5	17	2	<1	1040
B00317389	129	1.1	55	37	<1	1320
B00317390	39	0.8	7	18	<1	1450
B00317391	61	1.2	18	51	<1	1540
B00317392	42	<0.5	10	54	<1	3120
B00317393	34	<0.5	10	49	<1	2010
B00317394	170	0.9	124	112	<1	640
B00317395	164	2.0	10	14	<1	1190
B00317396	11	0.8	<5	1	<1	1680
B00317397	3	<0.5	<5	<1	<1	760
B00317398	3	<0.5	<5	3	<1	830
B00317399	3	<0.5	<5	3	<1	1000
B00317400	45	<0.5	13	73	<1	2000
B00317401	65	<0.5	46	240	<1	2090
B00317402	664	1.5	297	92	7	700
B00317403	112	<0.5	29	44	<1	1390
B00317404	105	<0.5	46	231	<1	1840
B00317405	7	<0.5	5	4	<1	830
B00317406	83	<0.5	13	53	<1	1160
B00317407	35	<0.5	7	25	<1	1390
B00317408	130	<0.5	77	258	<1	1420
B00317409	48	1.1	12	12	4	1010
B00317410	186	<0.5	15	43	<1	890

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317411	105	<0.5	6	17	<1	1320
B00317412	68	<0.5	7	21	<1	1370
B00317413	81	<0.5	8	26	<1	1510
B00317414	63	<0.5	9	22	<1	2870
B00317415	91	<0.5	10	33	<1	1760
B00317416	5	<0.5	5	2	<1	820
B00317417	5	<0.5	9	5	<1	750
B00317418	48	<0.5	10	31	<1	1960
B00317419	92	1.7	10	24	<1	1640
B00317420	93	<0.5	42	35	<1	1900
B00317421	39	1.2	20	24	<1	2620
B00317422	64	<0.5	24	47	<1	1890
B00317423	36	<0.5	12	19	<1	2230
B00317424	53	<0.5	29	33	<1	1410
B00317425	24	<0.5	10	16	<1	2720
B00317426	58	<0.5	10	23	<1	1770
B00317427	54	1.1	8	45	<1	2390
B00317428	22	<0.5	15	<1	<1	390
B00317429	12	<0.5	7	3	<1	480
B00317430	7	<0.5	9	2	<1	610
B00317431	81	<0.5	14	35	<1	1970
B00317432	42	<0.5	<5	7	<1	1680
B00317433	49	<0.5	11	31	<1	1760
B00317434	64	<0.5	10	34	<1	1450
B00317435	66	<0.5	10	27	<1	1820
B00317436	95	<0.5	12	22	<1	2830
B00317437	91	4.2	18	39	<1	3390
B00317438	37	0.8	20	50	<1	2230
B00317439	123	1.9	16	33	<1	1860
B00317440	113	3.0	8	42	<1	3430

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317441	4	<0.5	<5	<1	<1	840
B00317442	85	<0.5	30	44	<1	2150
B00317443	20	<0.5	5	7	<1	2940
B00317444	57	<0.5	14	62	<1	2190
B00317445	138	2.3	50	54	<1	2240
B00317446	11	<0.5	11	3	<1	770
B00317447	123	2.0	15	40	<1	2380
B00317448	49	0.9	<5	14	<1	4580
B00317449	50	<0.5	7	27	<1	1750
B00317450	34	<0.5	12	50	<1	2630
B00317451	33	<0.5	6	30	<1	2760
B00317452	62	<0.5	70	89	<1	1300
B00317453	75	<0.5	65	103	<1	1170
B00317454	82	<0.5	14	39	<1	1710
B00317455	42	<0.5	7	13	<1	1530
B00317456	67	<0.5	11	39	<1	1480
B00317457	35	<0.5	22	88	<1	1840
B00317458	94	2.3	18	34	<1	2130
B00317459	14	<0.5	10	<1	<1	400
B00317460	13	<0.5	<5	5	<1	3230
B00317461	32	<0.5	10	30	<1	2120
B00317462	41	<0.5	9	22	<1	1410
B00317463	127	1.6	42	47	<1	1510
B00317464						
B00317465						
B00317466						
*Rep B00317419	92	0.9	11	20	<1	1580
*Rep B00317464	31	<0.5	<5	13	<1	1690
*Blk BLANK	<1	<0.5	<5	<1	<1	10
*Rep B00317449	58	<0.5	10	27	<1	1690

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
*Std AMIS0169	243	1.1	56	60	<1	100
*Blk BLANK	<1	0.6	<5	<1	<1	20
*Rep B00317396	12	0.8	<5	2	<1	1740
*Std AMIS0169	247	1.3	60	62	<1	110
*Std AMIS0169	217	0.8	41	48	<1	90

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317381	<1	0.3	10	0.8	20	0.5
B00317382	<1	0.2	<10	0.9	30	0.3
B00317383	<1	0.2	<10	0.8	40	0.2
B00317384	<1	0.1	<10	0.6	40	0.1
B00317385	<1	1.7	<10	7.8	<10	0.2
B00317386	<1	6.1	<10	97.0	90	0.1
B00317387	<1	3.7	<10	21.7	30	<0.1
B00317388	<1	0.9	<10	13.3	40	0.1
B00317389	<1	8.1	<10	44.7	620	0.7
B00317390	<1	2.8	<10	31.6	30	0.2
B00317391	<1	5.9	<10	123	430	0.1
B00317392	<1	8.2	<10	34.1	<10	<0.1
B00317393	<1	6.5	<10	52.5	30	<0.1
B00317394	<1	15.4	<10	243	1800	0.6
B00317395	<1	1.8	<10	36.7	210	0.4
B00317396	<1	0.3	<10	2.0	60	<0.1
B00317397	<1	0.2	<10	0.7	<10	<0.1
B00317398	<1	0.5	<10	0.7	10	<0.1
B00317399	<1	0.7	<10	0.9	10	<0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317400	<1	12.1	<10	26.8	<10	<0.1
B00317401	<1	33.2	<10	66.0	60	0.1
B00317402	3	13.6	<10	195	9130	3.2
B00317403	<1	5.7	<10	53.7	150	0.5
B00317404	<1	30.8	<10	75.7	30	0.4
B00317405	<1	0.6	<10	2.8	60	<0.1
B00317406	<1	7.6	<10	32.6	90	0.4
B00317407	<1	3.1	10	21.0	40	0.1
B00317408	<1	34.9	<10	56.7	30	0.3
B00317409	<1	2.0	<10	16.1	70	<0.1
B00317410	<1	5.0	<10	47.1	50	0.3
B00317411	<1	2.3	<10	16.8	10	0.4
B00317412	<1	3.4	<10	20.7	20	0.2
B00317413	<1	3.8	<10	21.0	20	0.2
B00317414	<1	3.4	<10	22.7	<10	0.2
B00317415	<1	4.2	<10	32.9	20	0.1
B00317416	<1	0.3	<10	4.5	60	0.1
B00317417	<1	1.0	<10	7.6	50	<0.1
B00317418	<1	3.6	<10	51.4	20	0.1
B00317419	<1	2.9	<10	47.1	120	0.3
B00317420	<1	5.7	<10	47.8	410	0.5
B00317421	<1	3.1	<10	37.2	100	0.2
B00317422	<1	6.1	<10	56.6	130	0.2
B00317423	<1	2.8	<10	28.3	60	0.2
B00317424	<1	5.1	<10	41.2	70	0.4
B00317425	<1	2.7	<10	34.6	20	0.2
B00317426	<1	4.2	<10	13.4	10	0.4
B00317427	<1	4.8	<10	57.0	40	0.3
B00317428	<1	0.3	<10	11.1	260	0.2
B00317429	<1	0.4	<10	4.1	110	0.1

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317430	<1	0.5	<10	8.0	110	<0.1
B00317431	<1	5.2	<10	57.5	50	0.2
B00317432	<1	1.4	<10	15.2	20	0.2
B00317433	<1	4.8	<10	32.7	30	0.2
B00317434	<1	5.9	<10	18.6	20	0.2
B00317435	<1	4.0	<10	25.8	10	0.2
B00317436	<1	4.1	<10	26.8	30	0.3
B00317437	<1	5.2	<10	78.1	200	0.3
B00317438	<1	5.5	<10	122	120	0.2
B00317439	<1	4.1	<10	71.5	300	0.4
B00317440	<1	5.0	<10	60.8	50	0.6
B00317441	<1	<0.1	<10	<0.5	20	<0.1
B00317442	<1	6.0	<10	86.7	60	0.3
B00317443	<1	1.4	<10	8.9	<10	<0.1
B00317444	<1	9.1	<10	56.2	20	0.3
B00317445	<1	7.3	<10	115	340	0.5
B00317446	<1	0.7	<10	9.6	170	0.2
B00317447	<1	5.2	<10	88.2	210	0.6
B00317448	<1	2.2	<10	20.9	50	0.1
B00317449	<1	4.1	<10	36.7	40	0.1
B00317450	<1	7.3	<10	54.8	20	0.1
B00317451	<1	4.5	<10	11.6	20	<0.1
B00317452	<1	13.7	<10	89.5	200	0.3
B00317453	<1	15.6	<10	55.9	190	0.3
B00317454	<1	6.7	<10	34.3	40	0.3
B00317455	<1	2.2	<10	23.9	30	0.2
B00317456	<1	5.6	<10	51.6	30	0.3
B00317457	<1	12.3	<10	63.3	30	0.1
B00317458	<1	3.8	<10	64.8	280	0.2
B00317459	<1	<0.1	<10	9.1	110	0.1

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317460	<1	1.2	<10	7.0	<10	<0.1
B00317461	<1	4.9	<10	38.4	30	<0.1
B00317462	<1	3.1	<10	28.8	40	0.1
B00317463	<1	6.1	<10	67.3	480	0.4
B00317464						
B00317465						
B00317466						
*Rep B00317419	<1	2.8	<10	42.4	80	0.4
*Rep B00317464	<1	1.6	<10	6.5	10	0.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep B00317449	<1	4.2	<10	34.7	40	0.3
*Std AMIS0169	<1	5.2	<10	69.4	400	1.2
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep B00317396	<1	0.4	<10	2.1	80	<0.1
*Std AMIS0169	<1	5.5	<10	77.1	410	1.4
*Std AMIS0169	<1	4.2	<10	49.3	300	1.2

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317381	3.5	<0.5	8	1.7	380	2
B00317382	4.1	<0.5	7	1.5	420	4
B00317383	6.8	<0.5	7	1.3	310	3
B00317384	4.2	<0.5	4	1.2	550	4
B00317385	1.9	<0.5	56	5.0	130	11
B00317386	12.0	<0.5	170	16.5	300	53
B00317387	6.6	<0.5	107	9.7	120	16
B00317388	29.3	<0.5	65	11.6	1600	7

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317389	1320	0.9	410	44.8	770	71
B00317390	8.6	<0.5	95	8.3	180	23
B00317391	75.4	1.2	166	16.4	70	119
B00317392	26.7	<0.5	259	20.3	420	18
B00317393	28.5	<0.5	195	14.5	370	29
B00317394	36.8	1.4	431	45.2	1330	244
B00317395	178	1.6	50	5.0	240	32
B00317396	118	<0.5	11	1.9	360	4
B00317397	5.6	<0.5	11	1.7	890	<2
B00317398	5.2	<0.5	19	2.6	1020	2
B00317399	8.7	<0.5	23	2.9	620	<2
B00317400	6.2	<0.5	364	25.5	300	10
B00317401	15.1	<0.5	1050	84.9	670	40
B00317402	18.4	3.5	357	36.2	1520	521
B00317403	129	<0.5	157	16.3	310	44
B00317404	19.6	<0.5	838	74.4	170	41
B00317405	11.4	<0.5	23	2.5	1880	5
B00317406	178	<0.5	228	21.4	590	27
B00317407	5.7	<0.5	79	6.5	240	15
B00317408	28.2	<0.5	820	74.4	340	34
B00317409	142	<0.5	81	7.3	130	13
B00317410	11.3	<0.5	122	10.1	190	33
B00317411	5.3	<0.5	64	4.0	260	7
B00317412	18.7	<0.5	90	7.9	290	12
B00317413	11.7	<0.5	92	7.5	360	10
B00317414	17.9	<0.5	96	8.6	540	9
B00317415	35.2	<0.5	107	9.2	470	20
B00317416	34.0	<0.5	14	3.4	80	6
B00317417	30.9	<0.5	42	7.0	770	7
B00317418	9.9	<0.5	117	9.8	110	44

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



Submission No Probe metals/ 621 MMI (87-172)
 Purchase Order Number Probe metals/ 621 MMI (87-172)
 Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317419	199	0.8	92	8.9	280	34
B00317420	274	<0.5	179	23.1	910	75
B00317421	321	0.8	110	13.1	380	34
B00317422	60.2	<0.5	202	19.1	800	44
B00317423	57.3	<0.5	83	8.5	330	23
B00317424	44.1	<0.5	189	17.6	660	43
B00317425	21.8	<0.5	76	6.8	460	18
B00317426	6.9	<0.5	138	10.7	120	11
B00317427	31.6	1.4	152	11.7	110	30
B00317428	26.7	<0.5	17	5.1	900	11
B00317429	8.5	<0.5	14	1.8	450	6
B00317430	8.3	<0.5	18	4.2	350	9
B00317431	52.3	<0.5	153	14.3	650	37
B00317432	7.0	0.9	52	4.7	170	12
B00317433	11.2	<0.5	159	12.2	690	21
B00317434	13.4	<0.5	172	13.7	430	12
B00317435	33.8	<0.5	112	10.5	480	16
B00317436	41.0	<0.5	115	11.7	870	14
B00317437	90.7	1.6	165	14.2	120	57
B00317438	30.7	1.4	184	17.4	110	82
B00317439	79.2	1.1	113	10.4	70	53
B00317440	25.2	1.2	159	13.5	150	40
B00317441	8.4	<0.5	4	1.1	610	<2
B00317442	74.1	<0.5	183	19.2	330	60
B00317443	13.8	<0.5	54	4.7	300	10
B00317444	39.1	<0.5	275	26.7	820	33
B00317445	157	1.2	249	25.4	300	117
B00317446	94.9	0.7	40	7.0	1310	14
B00317447	47.2	1.1	141	13.9	190	55
B00317448	16.8	0.7	77	6.3	70	23

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



Submission No Probe metals/ 621 MMI (87-172)
Purchase Order Number Probe metals/ 621 MMI (87-172)
Number of Samples 86

ANALYSIS REPORT BBM19-00354

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317449	15.9	<0.5	101	7.4	190	23
B00317450	49.6	<0.5	226	20.3	590	24
B00317451	44.2	<0.5	128	8.8	60	9
B00317452	15.9	<0.5	497	45.3	840	91
B00317453	17.8	<0.5	480	45.1	850	60
B00317454	19.4	<0.5	216	18.6	600	16
B00317455	4.4	<0.5	67	5.2	230	17
B00317456	20.4	<0.5	169	12.8	330	22
B00317457	11.5	<0.5	407	35.8	530	32
B00317458	34.3	1.5	109	9.2	100	57
B00317459	17.9	<0.5	6	3.2	210	9
B00317460	29.2	<0.5	51	4.4	230	7
B00317461	7.6	<0.5	178	14.6	370	22
B00317462	5.3	<0.5	89	7.4	320	17
B00317463	152	1.3	201	19.3	210	88
B00317464						
B00317465						
B00317466						
*Rep B00317419	270	0.8	93	9.4	300	33
*Rep B00317464	9.6	<0.5	47	3.3	90	6
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep B00317449	13.9	<0.5	108	9.2	220	30
*Std AMIS0169	23.5	1.1	115	9.1	180	44
*Blk BLANK	1.2	<0.5	<1	<0.2	<10	<2
*Rep B00317396	133	<0.5	14	1.9	380	5
*Std AMIS0169	25.7	1.3	127	9.9	200	47
*Std AMIS0169	18.4	0.8	89	6.9	140	34

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



ANALYSIS REPORT BBM19-00355

To PROBE METALS INC
DANIEL LAFONTAINE
1338 RUE TURCOTTE
VAL-D'OR J9P 3X6
QC
CANADA

Submission No	Probe metals/ 621 MMI (173-258)	Date Received	02-Jul-2019
Purchase Order Number	Probe metals/ 621 MMI (173-258)	Date Analysed	05-Jul-2019 - 26-Jul-2019
Number of Samples	86	Date Completed	26-Jul-2019
		SGS Order Number	BBM19-00355

Methods Summary

Number of Sample	Method Code	Description
86	G_WGH_KG	Weight of samples received
86	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Storage

<u>Pulp</u>	Store for 90 days
<u>Reject</u>	Store for 30 days

Authorised Signatory

Gerald Chik
Laboratory Manager

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Wtkg	Ag	Al	As	Au	Ba
Method	G_WGH_KG	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	0.54	<0.5	55	<10	<0.1	50
B00317602	1.06	3.2	61	<10	0.1	1020
B00317603	1.13	0.7	237	<10	<0.1	980
B00317604	0.77	6.6	74	<10	0.1	1440
B00317605	1.06	6.2	79	<10	0.2	1320
B00317606	0.64	1.4	120	<10	0.2	1360
B00317607	1.38	6.3	140	<10	<0.1	1090
B00317608	0.72	4.9	173	<10	<0.1	1520
B00317609	0.94	1.4	223	<10	0.1	1060
B00317610	0.84	6.7	74	<10	0.2	1400
B00317611	0.90	4.8	45	<10	0.2	1020
B00317612	0.73	6.2	21	<10	0.2	1340
B00317613	0.64	7.3	17	<10	0.2	1080
B00317614	0.80	7.3	7	<10	0.2	1160
B00317615	0.84	8.5	18	<10	0.2	1230
B00317616	0.54	1.0	56	<10	<0.1	400
B00317617	0.62	5.0	12	<10	0.2	1040
B00317618	0.76	4.7	13	<10	0.2	1170
B00317619	0.67	5.2	138	<10	0.2	1650
B00317620	0.94	3.9	11	<10	0.2	1160
B00317621	0.62	17.1	31	<10	<0.1	850
B00317622	0.99	7.7	9	<10	0.1	750
B00317623	0.59	2.1	161	20	0.3	960
B00317624	0.88	6.4	13	<10	0.2	1030
B00317625	0.59	2.4	115	<10	0.1	1250
B00317626	0.67	3.1	70	<10	<0.1	310

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
B00317627	0.87	1.4	208	<10	0.1	1710
B00317628	0.75	1.5	190	20	0.2	1790
B00317629	0.63	0.8	162	<10	<0.1	580
B00317630	0.70	8.1	19	<10	0.1	1810
B00317631	0.89	4.8	23	<10	0.1	2490
B00317632	0.76	10.4	37	<10	0.2	1740
B00317633	0.59	<0.5	99	<10	<0.1	190
B00317634	0.74	3.7	10	<10	<0.1	820
B00317635	1.41	5.2	34	<10	0.2	970
B00317636	0.75	3.5	49	10	<0.1	1480
B00317637	0.58	<0.5	40	<10	<0.1	60
B00317638	0.53	<0.5	42	<10	<0.1	80
B00317639	0.72	6.3	13	<10	0.2	1400
B00317640	0.98	9.3	11	<10	0.1	1430
B00317641	0.64	2.9	38	<10	0.2	1230
B00317642	1.44	1.8	28	<10	0.4	1340
B00317643	0.81	7.3	10	<10	0.2	1330
B00317644	0.74	8.2	51	<10	<0.1	1260
B00317645	0.89	2.3	31	<10	0.1	1330
B00317646	1.18	8.2	21	<10	<0.1	1430
B00317647	0.76	6.0	92	<10	<0.1	1010
B00317648	0.83	7.8	85	<10	<0.1	1130
B00317649	1.01	4.2	91	<10	0.1	570
B00317650	0.75	6.3	35	<10	0.2	1470
B00317651	0.87	4.8	60	<10	0.1	1010
B00317652	0.85	2.1	112	<10	<0.1	540
*Rep B00317624	-	6.4	12	<10	0.3	990
*Rep B00317627	-	1.5	219	<10	<0.1	1730
*Std AMIS0169	-	6.1	41	<10	0.4	820
*Rep B00317643	-	5.6	10	<10	0.2	1090

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Wtkg	Ag	Al	As	Au	Ba
Method	G_WGH_KG	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep B00317471	-	<0.5	60	<10	<0.1	70
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Std AMIS0169	-	8.3	48	<10	0.4	940
*Rep B00317495	-	6.6	12	<10	0.2	1360

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	<0.5	143	10	24	27	<100
B00317602	<0.5	324	16	191	45	<100
B00317603	<0.5	8	3	111	32	<100
B00317604	<0.5	375	7	266	16	<100
B00317605	<0.5	362	4	128	35	<100
B00317606	<0.5	233	8	381	25	<100
B00317607	<0.5	206	24	181	66	<100
B00317608	<0.5	119	12	571	58	<100
B00317609	<0.5	65	5	399	43	<100
B00317610	<0.5	381	10	479	123	<100
B00317611	<0.5	438	5	241	47	<100
B00317612	<0.5	425	2	56	34	<100
B00317613	<0.5	504	3	44	28	<100
B00317614	<0.5	503	2	12	7	<100
B00317615	<0.5	430	6	76	16	<100

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317616	<0.5	429	29	67	18	<100
B00317617	<0.5	438	2	8	18	<100
B00317618	<0.5	376	3	30	24	<100
B00317619	<0.5	265	9	1140	45	<100
B00317620	<0.5	334	3	19	56	<100
B00317621	<0.5	408	3	49	37	<100
B00317622	<0.5	442	5	90	75	<100
B00317623	1.9	19	1	600	372	200
B00317624	<0.5	357	4	101	77	<100
B00317625	<0.5	295	3	262	7	<100
B00317626	<0.5	285	30	138	51	<100
B00317627	<0.5	17	8	806	19	<100
B00317628	1.5	66	17	1580	437	100
B00317629	<0.5	73	3	11	112	<100
B00317630	<0.5	376	8	231	105	<100
B00317631	<0.5	485	6	355	71	<100
B00317632	<0.5	419	6	339	59	<100
B00317633	<0.5	85	3	13	31	<100
B00317634	<0.5	291	3	88	19	<100
B00317635	<0.5	397	3	51	34	<100
B00317636	<0.5	339	13	190	70	<100
B00317637	<0.5	162	5	15	29	<100
B00317638	<0.5	201	8	8	60	<100
B00317639	<0.5	451	2	523	129	<100
B00317640	<0.5	470	4	76	142	<100
B00317641	<0.5	322	4	291	24	<100
B00317642	<0.5	343	2	39	42	<100
B00317643	<0.5	465	2	16	40	<100
B00317644	<0.5	416	6	246	9	<100
B00317645	<0.5	344	3	20	11	<100

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317646	<0.5	426	6	314	30	<100
B00317647	<0.5	320	9	362	90	<100
B00317648	<0.5	434	23	193	50	<100
B00317649	<0.5	363	19	242	33	<100
B00317650	<0.5	354	3	622	154	<100
B00317651	<0.5	329	3	264	53	<100
B00317652	<0.5	187	<1	11	17	<100
*Rep B00317624	<0.5	356	4	101	73	<100
*Rep B00317627	<0.5	20	6	869	22	<100
*Std AMIS0169	<0.5	33	1	592	73	<100
*Rep B00317643	<0.5	415	1	10	37	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Rep B00317471	<0.5	188	7	23	24	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	35	1	742	76	<100
*Rep B00317495	<0.5	435	4	68	144	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	<0.2	90	3.7	2.7	0.9	58
B00317602	1.3	130	46.1	24.5	12.6	16
B00317603	4.2	250	6.9	4.1	1.9	100
B00317604	0.8	610	72.5	43.2	19.5	21

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317605	0.8	460	31.2	17.4	8.9	21
B00317606	1.8	450	77.5	42.3	21.8	27
B00317607	1.3	390	91.4	55.7	11.3	135
B00317608	3.4	400	136	72.3	23.8	72
B00317609	2.5	260	76.1	41.3	16.3	95
B00317610	0.6	550	52.3	34.5	10.5	26
B00317611	0.5	470	43.5	23.4	10.2	20
B00317612	<0.2	430	10.1	5.2	2.3	9
B00317613	<0.2	840	12.6	7.3	2.8	7
B00317614	<0.2	600	14.8	8.6	3.4	6
B00317615	<0.2	570	25.4	13.5	6.2	11
B00317616	0.5	80	15.1	9.0	2.6	37
B00317617	0.4	540	8.8	5.4	1.6	5
B00317618	0.3	780	9.5	6.1	1.7	5
B00317619	0.7	580	214	126	46.2	49
B00317620	0.7	800	6.6	3.6	1.5	7
B00317621	2.0	160	4.7	2.0	1.9	12
B00317622	0.4	790	7.7	3.7	2.4	16
B00317623	8.0	770	29.9	17.1	7.3	418
B00317624	1.0	1410	10.8	4.7	3.8	7
B00317625	1.3	140	38.5	19.1	10.5	33
B00317626	2.6	140	47.6	29.3	5.6	42
B00317627	5.2	170	77.8	33.8	23.7	39
B00317628	4.0	690	99.1	48.3	30.5	131
B00317629	4.1	180	25.8	29.0	0.9	82
B00317630	0.5	4300	20.9	11.7	4.7	25
B00317631	0.6	4220	25.9	14.3	6.9	33
B00317632	2.4	5150	24.1	13.4	5.9	46
B00317633	1.5	100	2.6	2.1	0.4	138
B00317634	0.3	320	10.1	5.5	2.7	13

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317635	0.4	490	12.8	6.6	3.0	13
B00317636	4.1	4250	20.6	13.4	3.8	41
B00317637	0.4	20	3.4	2.2	0.6	61
B00317638	0.3	110	3.2	2.9	0.5	44
B00317639	0.2	2040	25.9	14.5	6.7	38
B00317640	0.3	1960	9.4	6.2	2.2	21
B00317641	0.8	400	27.2	15.4	6.9	33
B00317642	1.0	480	48.0	20.3	15.7	9
B00317643	0.3	640	15.1	7.7	3.8	6
B00317644	0.4	480	34.2	18.4	8.6	19
B00317645	0.4	570	28.2	13.9	6.5	14
B00317646	0.3	820	31.6	17.0	8.6	12
B00317647	1.5	700	27.9	14.8	6.7	36
B00317648	2.0	560	24.6	15.7	5.0	46
B00317649	0.9	420	37.3	19.2	8.9	29
B00317650	1.0	2690	38.4	22.3	9.4	42
B00317651	0.8	730	34.8	19.5	8.7	32
B00317652	3.2	500	1.1	1.7	0.2	133
*Rep B00317624	1.1	1250	8.7	3.8	3.1	6
*Rep B00317627	5.8	200	76.2	32.9	23.1	48
*Std AMIS0169	5.4	2750	24.8	10.7	8.4	30
*Rep B00317643	0.3	570	13.5	7.7	2.8	5
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep B00317471	0.4	240	4.4	3.6	0.9	41
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Std AMIS0169	6.6	3140	24.9	11.3	9.8	32
*Rep B00317495	0.3	1080	9.9	6.2	2.1	9

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
B00317497	40.4	57.2	14	10.1	20.2	160
B00317498						
B00317499						
B00317500						
B00317601	4.3	3.6	<1	<0.1	1.0	10
B00317602	4.2	61.9	<1	<0.1	15.9	118
B00317603	12.4	7.1	<1	<0.1	15.1	51
B00317604	2.0	94.3	<1	<0.1	12.7	297
B00317605	2.1	42.9	<1	<0.1	15.1	138
B00317606	5.6	101	<1	<0.1	16.0	381
B00317607	5.2	56.9	<1	<0.1	11.0	96
B00317608	4.6	119	<1	0.1	13.4	204
B00317609	13.7	73.5	<1	<0.1	12.9	191
B00317610	2.0	49.1	<1	<0.1	12.1	182
B00317611	1.2	45.8	<1	<0.1	10.1	136
B00317612	<0.5	13.3	<1	<0.1	16.3	18
B00317613	<0.5	14.7	<1	<0.1	15.6	21
B00317614	<0.5	17.7	<1	<0.1	14.8	39
B00317615	0.6	29.2	<1	<0.1	13.5	82
B00317616	1.2	12.8	<1	<0.1	11.6	36
B00317617	<0.5	8.9	2	<0.1	12.0	5
B00317618	<0.5	10.1	2	<0.1	18.1	6
B00317619	4.3	203	<1	<0.1	12.9	802
B00317620	0.8	7.0	<1	<0.1	21.7	7
B00317621	2.1	7.4	<1	<0.1	12.2	36
B00317622	0.6	9.9	<1	<0.1	18.1	44
B00317623	26.8	30.0	<1	<0.1	24.8	245
B00317624	0.5	16.8	1	<0.1	12.0	47
B00317625	1.0	43.4	<1	<0.1	12.0	232
B00317626	1.1	29.7	<1	<0.1	8.5	70

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
B00317627	13.9	89.0	<1	<0.1	14.7	432
B00317628	19.5	120	<1	0.1	18.9	1050
B00317629	4.0	4.8	<1	<0.1	11.3	5
B00317630	1.0	23.6	<1	<0.1	21.7	104
B00317631	1.5	29.8	<1	<0.1	18.0	155
B00317632	5.2	28.2	<1	<0.1	19.1	171
B00317633	13.9	1.4	<1	<0.1	5.4	6
B00317634	0.9	12.7	<1	<0.1	12.3	46
B00317635	0.8	15.2	<1	<0.1	15.5	30
B00317636	4.1	19.7	<1	<0.1	19.6	82
B00317637	3.8	3.0	<1	<0.1	1.2	6
B00317638	2.8	2.5	<1	<0.1	0.5	3
B00317639	1.2	30.5	<1	<0.1	17.5	224
B00317640	1.0	10.2	<1	<0.1	20.6	25
B00317641	3.4	28.9	<1	<0.1	11.6	162
B00317642	1.3	70.3	1	<0.1	13.9	222
B00317643	<0.5	19.6	1	<0.1	14.7	27
B00317644	1.2	40.5	<1	<0.1	15.0	162
B00317645	1.2	33.8	1	<0.1	15.7	99
B00317646	0.6	43.0	<1	<0.1	16.5	132
B00317647	3.5	28.2	<1	<0.1	18.4	140
B00317648	5.3	23.5	<1	<0.1	8.5	77
B00317649	1.8	37.7	<1	<0.1	12.5	148
B00317650	2.7	43.3	<1	<0.1	19.5	286
B00317651	2.4	41.2	<1	<0.1	17.6	169
B00317652	2.9	0.7	<1	<0.1	10.3	6
*Rep B00317624	<0.5	13.2	1	<0.1	11.8	42
*Rep B00317627	11.2	88.6	<1	<0.1	13.9	444
*Std AMIS0169	7.5	34.3	<1	<0.1	37.3	358
*Rep B00317643	<0.5	15.7	2	<0.1	13.8	28

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Ga	Gd	Hg	In	K	La
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.1	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppm m / m	ppb
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep B00317471	4.3	4.7	<1	<0.1	0.7	11
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Std AMIS0169	9.3	40.7	<1	<0.1	37.7	417
*Rep B00317495	0.6	11.4	<1	<0.1	19.0	14

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	1	20.7	200	<2	<0.5	18
B00317602	25	72.6	2000	<2	1.0	225
B00317603	24	8.1	300	<2	8.3	46
B00317604	32	76.4	1300	<2	0.6	404
B00317605	5	90.1	800	<2	1.0	180
B00317606	15	57.8	800	<2	3.0	482
B00317607	11	57.7	1100	<2	0.9	189
B00317608	8	37.8	700	<2	<0.5	495
B00317609	17	28.7	1300	<2	7.4	337
B00317610	16	86.5	9700	4	<0.5	221
B00317611	7	94.3	1800	<2	<0.5	195
B00317612	22	84.5	1000	<2	<0.5	39
B00317613	27	100	500	<2	<0.5	42
B00317614	30	119	100	<2	<0.5	56
B00317615	8	130	400	<2	<0.5	121

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
B00317616	2	117	1000	<2	<0.5	45
B00317617	45	78.6	700	<2	<0.5	17
B00317618	49	62.3	1400	2	<0.5	19
B00317619	14	90.5	600	<2	0.9	1040
B00317620	35	64.5	2000	2	<0.5	17
B00317621	<1	86.6	700	<2	<0.5	45
B00317622	13	77.5	5200	4	0.6	57
B00317623	65	30.1	6500	6	26.0	215
B00317624	9	81.9	7700	5	<0.5	67
B00317625	4	71.4	800	<2	<0.5	253
B00317626	5	59.7	200	<2	<0.5	101
B00317627	15	6.1	400	<2	7.5	549
B00317628	37	22.4	16700	3	18.6	921
B00317629	9	24.4	200	<2	<0.5	9
B00317630	45	109	6800	3	0.8	131
B00317631	42	70.9	1800	10	1.4	175
B00317632	42	46.4	1300	28	2.7	178
B00317633	6	15.8	800	<2	1.1	6
B00317634	6	75.1	300	<2	0.6	64
B00317635	12	81.1	900	<2	<0.5	53
B00317636	37	85.6	4800	15	2.7	96
B00317637	5	25.2	900	<2	<0.5	10
B00317638	1	33.4	2400	3	<0.5	7
B00317639	35	96.4	8900	2	0.5	219
B00317640	50	82.2	10100	3	0.6	45
B00317641	11	75.9	900	<2	2.3	177
B00317642	1	86.7	1800	<2	<0.5	307
B00317643	8	120	700	<2	<0.5	53
B00317644	35	91.6	500	<2	<0.5	204
B00317645	8	81.4	400	<2	<0.5	137

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317646	17	102	1300	<2	<0.5	181
B00317647	15	62.4	4300	4	1.4	154
B00317648	17	76.9	1600	<2	2.1	101
B00317649	7	70.3	2400	<2	<0.5	195
B00317650	43	71.8	8200	2	1.5	283
B00317651	15	77.9	1500	3	2.3	209
B00317652	7	41.1	200	<2	0.5	5
*Rep B00317624	9	80.6	6000	5	<0.5	64
*Rep B00317627	23	6.8	600	<2	10.4	560
*Std AMIS0169	1	24.0	2500	2	1.5	287
*Rep B00317643	8	106	1000	<2	<0.5	46
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep B00317471	2	21.5	1000	2	<0.5	16
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Std AMIS0169	1	28.0	3200	3	1.9	355
*Rep B00317495	29	80.1	11800	<2	<0.5	33

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	23	0.9	45	<1	4.2	<0.1
B00317602	69	0.2	220	<1	45.6	<0.1
B00317603	72	0.9	45	<1	13.1	<0.1
B00317604	110	0.1	177	<1	91.1	<0.1

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
B00317605	60	<0.1	155	<1	40.2	<0.1
B00317606	77	0.2	193	<1	112	<0.1
B00317607	367	0.2	308	<1	38.6	<0.1
B00317608	195	0.2	276	<1	106	<0.1
B00317609	64	0.9	194	<1	75.5	<0.1
B00317610	218	<0.1	153	<1	54.8	<0.1
B00317611	119	<0.1	87	<1	42.7	<0.1
B00317612	79	0.1	56	<1	7.4	<0.1
B00317613	72	<0.1	41	<1	7.8	<0.1
B00317614	49	<0.1	38	<1	11.0	<0.1
B00317615	142	<0.1	53	<1	24.6	<0.1
B00317616	101	<0.1	537	<1	11.5	<0.1
B00317617	40	<0.1	46	<1	2.4	<0.1
B00317618	66	<0.1	74	<1	3.0	<0.1
B00317619	143	0.2	339	<1	245	<0.1
B00317620	97	<0.1	57	<1	3.0	<0.1
B00317621	64	<0.1	17	<1	9.6	<0.1
B00317622	157	0.1	44	<1	13.4	<0.1
B00317623	342	2.9	50	<1	57.8	<0.1
B00317624	137	<0.1	17	<1	14.0	<0.1
B00317625	99	0.2	55	<1	62.6	<0.1
B00317626	139	0.1	123	<1	22.2	<0.1
B00317627	43	1.0	204	<1	139	<0.1
B00317628	141	3.1	324	<1	249	<0.1
B00317629	83	0.2	84	<1	2.0	<0.1
B00317630	110	<0.1	159	<1	29.4	<0.1
B00317631	227	<0.1	321	<1	43.2	<0.1
B00317632	246	0.2	716	<1	41.8	<0.1
B00317633	19	0.8	49	<1	1.5	<0.1
B00317634	96	0.2	17	<1	13.8	<0.1

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
B00317635	102	0.1	56	<1	11.2	<0.1
B00317636	184	0.3	782	<1	22.8	<0.1
B00317637	19	0.6	76	<1	2.5	<0.1
B00317638	31	0.3	43	<1	1.9	<0.1
B00317639	92	<0.1	77	<1	54.5	<0.1
B00317640	76	<0.1	71	<1	9.3	<0.1
B00317641	125	0.3	53	<1	43.6	<0.1
B00317642	46	<0.1	32	<1	65.3	<0.1
B00317643	50	<0.1	28	<1	10.5	<0.1
B00317644	127	<0.1	64	<1	46.9	<0.1
B00317645	57	<0.1	43	<1	27.4	<0.1
B00317646	112	<0.1	83	<1	40.3	<0.1
B00317647	215	0.3	232	<1	41.1	<0.1
B00317648	315	0.4	219	<1	23.8	<0.1
B00317649	279	<0.1	97	<1	46.2	<0.1
B00317650	130	0.1	141	<1	70.8	<0.1
B00317651	119	0.4	95	<1	46.5	<0.1
B00317652	188	0.3	<5	<1	1.5	<0.1
*Rep B00317624	106	<0.1	11	<1	12.5	<0.1
*Rep B00317627	52	1.4	197	<1	143	<0.1
*Std AMIS0169	335	2.2	84	<1	77.9	<0.1
*Rep B00317643	55	<0.1	32	<1	8.3	<0.1
*Blk BLANK	<5	0.1	<5	<1	<0.5	<0.1
*Rep B00317471	36	0.7	80	<1	3.7	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	343	2.4	101	<1	95.7	0.1
*Rep B00317495	65	<0.1	65	<1	5.8	<0.1

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	6	<0.5	6	4	<1	260
B00317602	133	<0.5	20	55	<1	750
B00317603	228	<0.5	33	9	1	80
B00317604	95	<0.5	22	89	<1	1000
B00317605	78	<0.5	21	40	<1	1120
B00317606	132	<0.5	66	103	<1	700
B00317607	127	<0.5	33	45	<1	760
B00317608	210	<0.5	44	107	<1	490
B00317609	167	<0.5	76	73	<1	360
B00317610	90	<0.5	20	47	<1	910
B00317611	83	<0.5	11	42	<1	1070
B00317612	19	<0.5	<5	10	<1	740
B00317613	14	<0.5	<5	11	<1	1250
B00317614	21	<0.5	<5	14	<1	1550
B00317615	39	<0.5	5	27	<1	1250
B00317616	64	<0.5	9	11	<1	690
B00317617	87	<0.5	<5	6	<1	1100
B00317618	47	<0.5	<5	7	<1	780
B00317619	137	<0.5	147	211	<1	1290
B00317620	122	<0.5	6	6	<1	630
B00317621	171	<0.5	<5	8	<1	720
B00317622	50	<0.5	<5	11	<1	530
B00317623	247	0.9	94	37	3	150
B00317624	92	<0.5	<5	16	<1	670
B00317625	155	<0.5	24	49	<1	530
B00317626	57	<0.5	16	23	<1	530

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
B00317627	238	<0.5	62	100	1	90
B00317628	235	0.6	108	153	2	230
B00317629	143	<0.5	13	3	<1	420
B00317630	40	<0.5	8	23	<1	1760
B00317631	99	0.5	11	33	<1	2260
B00317632	171	2.3	23	30	<1	1670
B00317633	30	<0.5	16	1	<1	420
B00317634	20	<0.5	6	14	<1	1190
B00317635	36	<0.5	8	13	<1	790
B00317636	175	3.3	24	19	<1	1020
B00317637	9	<0.5	7	3	<1	390
B00317638	5	<0.5	<5	2	<1	410
B00317639	22	<0.5	10	33	<1	1530
B00317640	37	0.6	6	10	<1	1890
B00317641	72	<0.5	15	33	<1	1130
B00317642	110	<0.5	13	67	<1	880
B00317643	35	<0.5	<5	12	<1	1340
B00317644	54	<0.5	13	42	<1	1570
B00317645	68	<0.5	11	27	<1	1180
B00317646	45	<0.5	7	41	<1	1230
B00317647	67	<0.5	24	29	<1	900
B00317648	112	<0.5	25	22	<1	1020
B00317649	134	<0.5	19	41	<1	720
B00317650	49	<0.5	21	46	<1	1170
B00317651	56	<0.5	18	41	<1	1010
B00317652	94	<0.5	10	<1	<1	770
*Rep B00317624	96	<0.5	<5	14	<1	660
*Rep B00317627	234	<0.5	70	108	2	90
*Std AMIS0169	203	0.6	36	46	<1	80
*Rep B00317643	40	<0.5	<5	11	<1	1270

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep B00317471	7	<0.5	6	4	<1	910
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Std AMIS0169	245	0.9	45	56	<1	80
*Rep B00317495	36	<0.5	<5	8	<1	1140

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	<1	0.5	<10	9.6	30	0.1
B00317602	<1	8.2	<10	18.9	240	0.2
B00317603	<1	1.0	<10	36.7	1930	0.6
B00317604	<1	12.6	<10	39.0	120	0.5
B00317605	<1	5.5	<10	29.5	140	0.3
B00317606	<1	13.2	<10	70.0	670	0.4
B00317607	<1	11.5	<10	22.6	190	0.4
B00317608	<1	21.3	<10	40.8	130	0.5
B00317609	<1	11.5	<10	67.8	1530	0.5
B00317610	<1	6.8	<10	37.5	60	0.6
B00317611	<1	6.3	<10	38.0	50	0.3
B00317612	<1	1.6	<10	14.1	20	0.1
B00317613	<1	1.9	<10	11.2	<10	0.1
B00317614	<1	2.2	<10	6.7	<10	<0.1
B00317615	<1	3.8	<10	24.5	10	0.1

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317616	<1	2.0	<10	10.1	30	0.1
B00317617	<1	1.2	<10	4.3	<10	0.3
B00317618	<1	1.5	<10	8.8	20	0.3
B00317619	<1	28.1	<10	77.1	190	0.3
B00317620	<1	1.0	<10	7.7	60	0.5
B00317621	<1	0.9	<10	6.6	20	0.2
B00317622	<1	1.2	<10	22.9	40	0.3
B00317623	2	4.3	<10	119	5620	1.0
B00317624	<1	1.9	<10	6.7	<10	0.8
B00317625	<1	5.9	<10	40.3	60	0.4
B00317626	<1	5.3	<10	4.6	<10	0.2
B00317627	<1	11.9	<10	59.9	1720	0.7
B00317628	1	16.0	<10	182	4100	0.9
B00317629	<1	1.7	<10	11.2	100	0.4
B00317630	<1	2.8	<10	46.4	70	0.1
B00317631	<1	3.7	<10	61.1	120	0.3
B00317632	<1	3.6	<10	69.4	400	0.4
B00317633	<1	0.3	<10	13.1	310	0.2
B00317634	<1	1.6	<10	16.4	150	<0.1
B00317635	<1	2.1	<10	17.6	50	0.2
B00317636	<1	2.7	<10	41.9	420	0.5
B00317637	<1	0.5	<10	4.7	80	0.1
B00317638	<1	0.4	<10	2.8	40	<0.1
B00317639	<1	3.7	<10	54.7	50	<0.1
B00317640	<1	1.4	<10	31.7	60	0.2
B00317641	<1	4.0	<10	37.3	400	0.3
B00317642	<1	8.0	<10	22.4	20	0.5
B00317643	<1	2.3	<10	5.3	<10	0.2
B00317644	<1	5.1	<10	19.6	30	0.2
B00317645	<1	4.3	<10	21.3	80	0.2

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317646	<1	5.0	<10	39.8	20	0.3
B00317647	<1	3.7	<10	40.5	290	0.3
B00317648	<1	3.3	<10	20.5	410	0.6
B00317649	<1	5.3	<10	27.3	20	0.2
B00317650	<1	5.3	<10	76.5	230	0.3
B00317651	<1	5.2	<10	43.5	320	0.2
B00317652	<1	<0.1	<10	5.9	180	0.4
*Rep B00317624	<1	1.5	<10	5.4	<10	0.7
*Rep B00317627	<1	12.0	<10	74.5	2160	0.8
*Std AMIS0169	<1	3.8	<10	48.7	250	1.0
*Rep B00317643	<1	1.9	<10	5.3	20	0.2
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep B00317471	<1	0.8	10	3.8	80	0.2
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Std AMIS0169	<1	4.9	<10	62.7	310	1.2
*Rep B00317495	<1	1.7	<10	18.5	20	0.3

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317467						
B00317468						
B00317469						
B00317470						
B00317471						
B00317472						
B00317473						
B00317474						

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317475						
B00317476						
B00317477						
B00317478						
B00317479						
B00317480						
B00317481						
B00317482						
B00317483						
B00317484						
B00317485						
B00317486						
B00317487						
B00317488						
B00317489						
B00317490						
B00317491						
B00317492						
B00317493						
B00317494						
B00317495						
B00317496						
B00317497						
B00317498						
B00317499						
B00317500						
B00317601	8.0	<0.5	20	3.4	710	9
B00317602	23.6	<0.5	193	20.5	750	25
B00317603	4.9	0.8	24	3.6	130	62
B00317604	21.1	<0.5	348	35.6	400	38

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



Submission No Probe metals/ 621 MMI (173-258)
 Purchase Order Number Probe metals/ 621 MMI (173-258)
 Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317605	10.7	<0.5	141	13.1	260	29
B00317606	16.9	<0.5	344	33.7	250	76
B00317607	32.9	<0.5	498	40.6	870	23
B00317608	21.0	<0.5	680	47.4	590	18
B00317609	13.6	0.8	352	31.9	170	87
B00317610	25.4	<0.5	231	24.1	490	40
B00317611	12.3	<0.5	182	14.6	400	25
B00317612	1.2	<0.5	56	3.4	90	16
B00317613	2.5	<0.5	75	4.5	100	11
B00317614	2.8	<0.5	82	5.5	300	5
B00317615	7.6	<0.5	121	7.5	290	13
B00317616	10.5	<0.5	84	5.3	910	10
B00317617	1.1	<0.5	53	3.2	150	7
B00317618	6.5	<0.5	55	3.7	100	11
B00317619	28.7	<0.5	1060	90.9	480	71
B00317620	5.2	<0.5	33	2.5	240	19
B00317621	4.4	<0.5	23	1.1	20	5
B00317622	8.7	<0.5	38	2.3	120	21
B00317623	31.9	1.9	129	11.6	130	229
B00317624	4.5	<0.5	56	2.5	40	8
B00317625	6.5	<0.5	194	11.3	290	30
B00317626	157	<0.5	339	15.6	490	5
B00317627	9.1	0.8	350	19.5	120	108
B00317628	14.2	2.0	403	29.9	430	266
B00317629	2.9	<0.5	124	22.3	340	8
B00317630	21.7	0.7	106	8.0	120	30
B00317631	86.1	<0.5	129	9.2	120	56
B00317632	49.8	1.3	117	8.7	170	63
B00317633	13.0	<0.5	12	2.3	690	15
B00317634	24.9	<0.5	58	3.5	120	20

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



Submission No Probe metals/ 621 MMI (173-258)
Purchase Order Number Probe metals/ 621 MMI (173-258)
Number of Samples 86

ANALYSIS REPORT BBM19-00355

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317635	7.3	<0.5	64	4.1	150	18
B00317636	72.4	1.1	107	9.6	320	59
B00317637	3.7	<0.5	19	2.3	800	11
B00317638	24.8	<0.5	19	2.5	690	6
B00317639	8.8	<0.5	142	10.5	90	37
B00317640	5.4	0.8	55	4.4	90	34
B00317641	20.8	<0.5	132	9.4	310	57
B00317642	7.9	<0.5	215	10.4	140	12
B00317643	3.2	<0.5	62	4.6	70	7
B00317644	47.4	<0.5	176	11.6	290	21
B00317645	5.9	<0.5	137	8.6	460	19
B00317646	52.4	<0.5	155	9.3	210	21
B00317647	82.6	<0.5	120	10.0	490	54
B00317648	151	<0.5	112	9.1	590	41
B00317649	20.7	<0.5	188	11.0	640	27
B00317650	10.4	<0.5	178	14.8	360	65
B00317651	11.1	<0.5	184	12.5	400	55
B00317652	126	<0.5	5	1.4	20	16
*Rep B00317624	4.0	<0.5	46	2.2	40	7
*Rep B00317627	9.7	0.9	307	18.9	110	135
*Std AMIS0169	17.5	0.8	97	6.8	130	36
*Rep B00317643	1.9	<0.5	65	4.6	80	8
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep B00317471	29.5	<0.5	25	3.0	170	6
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	21.5	1.1	104	8.4	170	42
*Rep B00317495	2.3	<0.5	50	4.9	90	16

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



ANALYSIS REPORT BBM19-00356

To PROBE METALS INC
DANIEL LAFONTAINE
1338 RUE TURCOTTE
VAL-D'OR J9P 3X6
QC
CANADA

Submission No	Probe metals/ 621 MMI (259-344)	Date Received	02-Jul-2019
Purchase Order Number	Probe metals/ 621 MMI (259-344)	Date Analysed	05-Jul-2019 - 26-Jul-2019
Number of Samples	86	Date Completed	26-Jul-2019
		SGS Order Number	BBM19-00356

Methods Summary

Number of Sample	Method Code	Description
86	G_WGH_KG	Weight of samples received
86	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Storage

<u>Pulp</u>	Store for 90 days
<u>Reject</u>	Store for 30 days

Authorised Signatory

Gerald Chik
Laboratory Manager

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
B00317653	0.64	5.5	99	<10	0.2	1110
B00317654	0.94	12.1	16	<10	0.2	1290
B00317655	1.10	1.3	153	<10	0.2	2360
B00317656	0.88	10.2	65	<10	0.3	2030
B00317657	0.89	6.0	188	<10	0.2	2830
B00317658	0.66	2.1	130	<10	0.2	1450
B00317659	0.83	6.9	29	<10	0.2	1780
B00317660	0.77	5.5	42	<10	0.1	2100
B00317661	0.63	8.1	139	<10	<0.1	820
B00317662	0.82	3.3	53	<10	0.4	1380
B00317663	1.18	17.1	65	<10	0.2	1960
B00317664	0.82	15.2	27	<10	0.2	1750
B00317665	0.66	<0.5	31	<10	<0.1	100
B00317666	0.88	4.3	25	<10	0.2	1910
B00317667	0.81	1.9	172	<10	0.2	2390
B00317668	0.81	1.3	252	10	0.2	3480
B00317669	0.70	11.8	49	<10	0.2	2340
B00317670	0.73	9.3	39	<10	<0.1	1490
B00317671	0.61	5.8	13	<10	0.4	1930
B00317672	0.91	4.8	118	<10	<0.1	1830
B00317673	0.91	7.9	29	<10	0.2	1360
B00317674	0.84	8.9	16	<10	<0.1	2410
B00317675	0.87	<0.5	185	<10	0.1	2350
B00317676	0.67	6.6	74	<10	<0.1	770
B00317677	0.72	5.2	30	<10	0.1	1650
B00317678	0.68	5.5	14	<10	0.1	1480
B00317679	1.21	3.9	79	<10	0.2	2420
B00317680	1.21	6.7	21	<10	0.2	3040
B00317681	0.72	13.0	53	<10	0.1	1490
B00317682	1.12	7.9	30	<10	0.1	1250

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
B00317683	0.70	5.9	23	<10	0.1	1440
B00317684	0.92	2.9	64	<10	0.1	1660
B00317685	0.64	12.1	109	<10	<0.1	1520
B00317686	0.56	4.0	125	<10	<0.1	1440
B00317687	0.81	15.4	49	<10	0.3	2640
B00317688	1.10	6.0	57	<10	<0.1	870
B00317689	0.86	11.7	10	<10	0.1	980
B00317690	1.12	5.5	120	<10	0.1	2120
B00317691	0.69	7.6	89	<10	<0.1	1320
B00317692	0.70	5.9	20	<10	0.3	1660
B00317693	0.77	6.9	78	<10	0.1	1660
B00317694	1.05	3.3	78	<10	0.2	2220
B00317695	0.84	9.8	45	<10	0.1	1140
B00317696	0.85	4.0	29	<10	0.2	2230
B00317697	0.60	6.0	142	<10	<0.1	1660
B00317698	0.71	1.8	217	<10	<0.1	1080
B00317699	1.14	2.9	17	<10	0.3	1600
B00317700	0.99	3.3	29	<10	0.5	1460
B00317701	0.40	1.5	120	<10	0.2	2550
B00317702	0.60	4.1	80	<10	<0.1	820
B00317703	0.73	1.8	55	<10	0.1	2130
B00317704	0.66	4.2	51	<10	0.2	2010
B00317705	0.99	4.4	20	<10	0.8	1590
B00317706	1.47	9.7	13	<10	0.2	1610
B00317707	0.86	7.8	23	<10	0.2	1290
B00317708	0.85	5.2	19	<10	0.2	1130
B00317709	1.09	6.1	163	<10	0.1	960
B00317710	1.20	4.9	34	<10	0.2	1790
B00317711	1.14	3.5	64	<10	0.2	2180
B00317712	0.71	<0.5	19	<10	<0.1	80

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
B00317713	0.67	<0.5	32	<10	<0.1	110
B00317714	1.02	<0.5	110	<10	<0.1	230
B00317715	1.30	3.2	35	<10	0.2	2170
B00317716	0.88	4.5	73	<10	0.1	2040
B00317717	0.83	6.7	19	<10	0.2	1650
B00317718	1.24	3.6	44	<10	0.2	1300
B00317719	1.09	8.5	95	<10	0.2	1440
B00317720	0.93	7.2	13	<10	0.2	2510
B00317721	1.27	4.8	25	<10	0.3	2230
B00317722	1.11	11.4	18	<10	<0.1	2050
B00317723	1.16	5.6	102	<10	0.2	1700
B00317724	0.97	6.7	30	<10	0.2	1610
B00317725	0.86	4.5	11	<10	0.2	1570
B00317726	1.39	5.4	9	<10	0.2	1800
B00317727	0.77	7.4	79	<10	0.2	1070
B00317728	0.92	6.8	23	20	0.1	3690
B00317729	0.97	3.7	14	<10	0.3	2780
B00317730	0.76	<0.5	101	<10	<0.1	230
B00317731	0.55	<0.5	55	<10	<0.1	130
B00317732	0.78	<0.5	61	<10	<0.1	100
B00317733	1.08	12.6	31	<10	<0.1	1530
B00317734	1.10	9.7	12	<10	0.2	1990
B00317735	0.76	5.3	54	<10	0.2	1630
B00317736	1.32	4.8	24	<10	0.2	1400
B00317737	0.92	6.9	45	<10	0.2	1300
B00317738	0.89	6.0	62	<10	0.3	1600
*Rep B00317680	-	5.9	26	<10	0.2	2720
*Rep B00317664	-	11.3	27	<10	0.2	1580
*Std AMIS0169	-	6.9	49	<10	0.3	1160
*Rep B00317680	-	6.4	24	<10	0.3	2980

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep B00317708	-	5.9	24	<10	0.2	1190
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep B00317722	-	12.8	24	<10	0.1	2050
*Rep B00317736	-	4.9	26	<10	0.3	1360

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317653	<0.5	367	9	345	69	<100
B00317654	<0.5	517	4	31	80	<100
B00317655	0.8	218	6	1210	30	<100
B00317656	<0.5	367	13	583	25	<100
B00317657	0.7	240	4	661	27	200
B00317658	<0.5	197	6	414	39	<100
B00317659	<0.5	461	3	241	6	<100
B00317660	<0.5	378	5	734	32	<100
B00317661	<0.5	250	62	65	64	<100
B00317662	<0.5	331	2	121	9	<100
B00317663	<0.5	398	11	424	22	<100
B00317664	<0.5	357	4	58	10	<100
B00317665	<0.5	115	2	8	9	<100
B00317666	<0.5	352	2	270	59	<100
B00317667	<0.5	210	4	379	33	100
B00317668	0.8	82	7	1160	129	<100
B00317669	<0.5	317	3	348	9	<100
B00317670	<0.5	465	6	137	44	<100
B00317671	<0.5	428	6	348	82	<100

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317672	<0.5	316	11	374	48	<100
B00317673	<0.5	405	4	83	21	<100
B00317674	<0.5	494	19	133	125	<100
B00317675	<0.5	13	5	71	82	<100
B00317676	<0.5	336	44	122	46	<100
B00317677	<0.5	415	4	41	11	<100
B00317678	<0.5	357	3	30	25	<100
B00317679	<0.5	262	5	192	16	<100
B00317680	<0.5	432	4	458	54	<100
B00317681	<0.5	384	9	703	84	<100
B00317682	<0.5	406	7	158	42	<100
B00317683	<0.5	456	9	207	18	<100
B00317684	<0.5	308	6	439	28	<100
B00317685	<0.5	285	28	215	190	<100
B00317686	<0.5	204	33	178	127	<100
B00317687	<0.5	399	8	455	78	<100
B00317688	<0.5	388	26	88	16	<100
B00317689	<0.5	374	2	20	3	<100
B00317690	<0.5	254	6	242	21	200
B00317691	<0.5	393	32	380	75	<100
B00317692	<0.5	422	4	78	51	<100
B00317693	<0.5	343	4	228	108	<100
B00317694	<0.5	334	5	114	14	<100
B00317695	<0.5	435	18	87	23	<100
B00317696	<0.5	427	2	70	8	<100
B00317697	<0.5	232	18	307	92	<100
B00317698	0.7	109	11	224	96	100
B00317699	<0.5	361	2	10	9	<100
B00317700	<0.5	408	3	14	15	<100
B00317701	<0.5	121	10	1560	16	<100

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317702	<0.5	340	66	98	91	<100
B00317703	<0.5	334	6	535	12	<100
B00317704	<0.5	265	4	123	52	<100
B00317705	<0.5	434	5	22	26	<100
B00317706	<0.5	386	4	142	22	<100
B00317707	<0.5	434	3	31	27	<100
B00317708	<0.5	412	4	31	7	<100
B00317709	<0.5	150	10	138	123	<100
B00317710	<0.5	413	5	413	172	<100
B00317711	<0.5	361	3	653	99	<100
B00317712	<0.5	230	6	6	43	<100
B00317713	<0.5	220	2	6	25	<100
B00317714	<0.5	99	<1	10	45	<100
B00317715	<0.5	355	3	79	20	<100
B00317716	<0.5	343	5	462	189	<100
B00317717	<0.5	444	2	11	18	<100
B00317718	<0.5	374	3	60	28	<100
B00317719	<0.5	369	17	303	132	<100
B00317720	<0.5	570	3	68	4	<100
B00317721	<0.5	502	4	26	34	<100
B00317722	<0.5	559	3	17	27	<100
B00317723	<0.5	300	3	288	9	<100
B00317724	<0.5	453	6	38	20	<100
B00317725	<0.5	435	2	10	9	<100
B00317726	<0.5	439	2	14	4	<100
B00317727	<0.5	434	8	243	23	<100
B00317728	<0.5	398	5	617	44	<100
B00317729	<0.5	401	1	895	50	<100
B00317730	<0.5	115	1	9	56	<100
B00317731	<0.5	147	2	9	56	<100

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
B00317732	<0.5	138	2	6	34	<100
B00317733	<0.5	502	6	260	41	<100
B00317734	<0.5	447	4	52	60	<100
B00317735	<0.5	404	7	61	28	<100
B00317736	<0.5	390	3	22	13	<100
B00317737	<0.5	349	4	88	6	<100
B00317738	<0.5	391	6	155	39	<100
*Rep B00317680	<0.5	412	3	458	54	<100
*Rep B00317664	<0.5	352	3	46	15	<100
*Std AMIS0169	<0.5	34	1	735	74	<100
*Rep B00317680	<0.5	452	3	505	57	<100
*Blk BLANK	<0.5	<2	<1	3	<1	<100
*Rep B00317708	<0.5	356	3	22	7	<100
*Blk BLANK	<0.5	<2	<1	2	<1	<100
*Rep B00317722	<0.5	559	3	21	22	<100
*Rep B00317736	<0.5	390	4	26	15	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317653	1.0	650	43.0	25.7	9.5	69
B00317654	0.4	690	9.5	5.3	2.8	7
B00317655	4.1	310	81.3	42.0	27.4	58
B00317656	0.4	820	89.3	52.3	24.3	21
B00317657	5.2	650	162	101	42.1	124
B00317658	2.9	220	40.0	20.6	11.5	63
B00317659	<0.2	530	59.4	37.4	15.9	21
B00317660	1.1	570	68.4	38.9	19.0	20

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317661	3.1	270	46.3	39.1	4.2	85
B00317662	0.5	550	90.5	52.7	26.2	11
B00317663	0.6	920	33.1	18.6	9.7	16
B00317664	<0.2	450	15.0	7.4	5.0	8
B00317665	0.3	<10	1.0	0.7	0.2	81
B00317666	0.6	740	21.7	10.8	7.7	12
B00317667	3.4	360	69.2	38.3	18.4	73
B00317668	6.1	290	90.6	45.0	27.7	74
B00317669	0.6	280	74.6	38.3	25.1	23
B00317670	0.3	690	16.8	10.4	4.0	11
B00317671	0.3	2780	20.7	10.8	6.6	11
B00317672	2.0	560	48.8	33.2	9.4	79
B00317673	0.2	650	18.2	9.6	4.2	9
B00317674	0.3	1220	14.9	9.7	3.3	9
B00317675	3.2	1110	3.6	2.3	1.1	185
B00317676	1.5	2110	20.6	14.8	3.4	18
B00317677	0.3	540	18.0	11.3	4.8	9
B00317678	<0.2	520	9.7	5.4	2.4	5
B00317679	1.3	440	58.6	29.5	20.6	35
B00317680	0.9	3850	18.4	10.5	6.9	39
B00317681	1.1	2450	34.1	20.1	10.6	43
B00317682	<0.2	430	12.5	6.9	3.4	13
B00317683	0.2	510	17.2	9.4	5.1	12
B00317684	0.7	670	102	65.5	26.5	27
B00317685	2.0	3830	25.5	22.4	4.6	112
B00317686	4.2	140	20.5	13.2	3.6	72
B00317687	0.5	4410	37.2	23.3	9.5	23
B00317688	0.7	850	13.3	8.6	3.2	13
B00317689	0.6	730	10.6	4.9	4.2	7
B00317690	3.2	440	59.0	33.4	16.2	79

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317691	1.1	1110	49.5	33.9	10.2	21
B00317692	0.2	770	15.5	8.9	3.8	8
B00317693	0.7	500	30.6	19.5	7.7	17
B00317694	0.4	720	61.6	37.4	17.3	17
B00317695	0.8	650	15.8	8.9	4.5	11
B00317696	0.6	550	16.6	10.7	4.3	9
B00317697	1.9	780	107	71.7	13.6	126
B00317698	12.7	120	24.6	13.5	5.9	121
B00317699	<0.2	420	7.9	4.3	2.3	5
B00317700	0.3	390	6.9	3.2	2.1	8
B00317701	3.5	230	146	69.0	58.3	28
B00317702	1.7	340	23.6	16.9	3.1	43
B00317703	0.5	630	146	85.9	38.2	9
B00317704	2.3	600	7.0	3.1	3.1	5
B00317705	0.4	710	8.2	4.9	2.1	6
B00317706	0.6	680	20.4	9.7	6.6	6
B00317707	<0.2	560	7.3	4.3	2.1	7
B00317708	0.4	510	9.8	5.8	2.6	9
B00317709	5.6	930	13.9	10.1	2.5	149
B00317710	0.5	1440	27.6	15.9	7.9	19
B00317711	1.7	3040	21.9	12.4	6.9	89
B00317712	<0.2	80	1.4	1.2	0.2	28
B00317713	<0.2	110	1.0	0.8	<0.2	72
B00317714	1.4	340	1.0	1.0	<0.2	90
B00317715	0.4	620	31.8	17.2	9.7	12
B00317716	1.1	1540	20.8	12.2	6.8	61
B00317717	0.4	390	11.2	6.5	2.8	5
B00317718	0.5	380	9.0	4.2	3.3	9
B00317719	1.0	730	40.5	27.2	9.0	29
B00317720	<0.2	540	33.8	16.5	10.7	7

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
B00317721	0.3	610	28.0	16.4	7.7	8
B00317722	<0.2	860	11.5	8.1	2.5	5
B00317723	1.6	380	45.7	26.8	12.3	31
B00317724	<0.2	390	16.0	9.1	4.1	10
B00317725	<0.2	450	13.5	7.7	3.5	4
B00317726	<0.2	550	8.5	4.8	2.5	4
B00317727	1.0	560	34.4	20.3	8.2	20
B00317728	1.5	3470	27.2	14.5	8.9	34
B00317729	0.8	3490	30.6	16.4	11.0	41
B00317730	0.4	390	1.1	1.1	<0.2	120
B00317731	<0.2	180	1.2	1.0	0.2	102
B00317732	<0.2	170	1.1	0.9	<0.2	117
B00317733	0.3	1250	47.1	27.0	11.2	7
B00317734	0.3	4120	8.2	4.9	2.0	9
B00317735	0.5	400	25.8	17.0	5.6	10
B00317736	0.3	540	7.8	4.0	2.2	6
B00317737	0.8	460	21.6	11.1	6.7	13
B00317738	0.4	340	40.6	23.0	11.8	18
*Rep B00317680	0.8	3250	18.4	10.5	6.9	47
*Rep B00317664	0.3	470	16.4	8.0	5.2	8
*Std AMIS0169	6.1	2790	24.1	10.5	9.6	28
*Rep B00317680	0.6	3580	19.1	10.5	6.8	44
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep B00317708	0.4	440	10.0	4.7	3.3	7
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep B00317722	<0.2	940	15.4	9.9	3.5	5
*Rep B00317736	0.3	580	7.9	4.0	2.3	7

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
B00317653	0.7	45.8	<1	<0.1	8.9	183
B00317654	<0.5	13.7	1	<0.1	17.6	19
B00317655	11.8	110	<1	<0.1	16.5	661
B00317656	1.0	115	<1	<0.1	15.0	458
B00317657	16.6	193	<1	0.1	27.3	1130
B00317658	6.3	49.2	<1	<0.1	16.0	211
B00317659	0.8	81.1	1	<0.1	12.9	328
B00317660	1.6	92.9	<1	<0.1	8.9	314
B00317661	7.4	22.4	<1	0.1	12.1	37
B00317662	1.6	126	2	<0.1	13.0	414
B00317663	1.3	45.5	<1	<0.1	15.7	161
B00317664	<0.5	21.4	<1	<0.1	12.7	65
B00317665	4.9	1.1	<1	<0.1	2.0	2
B00317666	0.8	35.1	<1	<0.1	12.4	108
B00317667	11.2	85.4	<1	<0.1	17.3	399
B00317668	13.6	114	<1	0.1	20.5	481
B00317669	2.3	111	<1	<0.1	12.6	648
B00317670	0.7	20.7	<1	<0.1	20.9	57
B00317671	<0.5	31.3	<1	<0.1	19.1	146
B00317672	4.8	46.8	<1	<0.1	18.6	163
B00317673	0.7	22.9	<1	<0.1	16.1	55
B00317674	0.6	19.3	<1	<0.1	17.9	56
B00317675	6.9	4.0	<1	<0.1	16.8	36
B00317676	2.8	17.0	<1	<0.1	12.7	61
B00317677	1.1	23.1	2	<0.1	15.7	45
B00317678	<0.5	13.5	<1	<0.1	19.0	11
B00317679	4.1	90.1	<1	<0.1	16.4	501
B00317680	2.3	27.5	<1	<0.1	19.9	194
B00317681	2.3	47.3	<1	<0.1	17.7	256
B00317682	0.6	17.2	<1	<0.1	14.7	54

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
B00317683	0.9	25.8	<1	<0.1	19.8	65
B00317684	2.2	136	<1	<0.1	17.9	516
B00317685	4.1	22.0	<1	0.1	21.3	106
B00317686	10.8	16.0	<1	<0.1	18.7	47
B00317687	1.2	43.8	<1	<0.1	19.2	167
B00317688	2.2	17.1	<1	<0.1	12.6	38
B00317689	0.7	18.5	1	<0.1	11.7	51
B00317690	9.9	75.0	<1	0.1	20.7	343
B00317691	2.1	53.7	<1	<0.1	16.9	167
B00317692	0.7	21.1	<1	<0.1	18.2	27
B00317693	1.7	36.8	<1	<0.1	13.9	109
B00317694	1.2	84.7	<1	<0.1	15.2	317
B00317695	0.7	21.4	<1	<0.1	14.9	55
B00317696	1.0	21.0	<1	<0.1	14.3	42
B00317697	5.6	71.7	<1	0.1	17.6	160
B00317698	30.4	25.0	<1	0.1	19.4	78
B00317699	<0.5	11.3	2	<0.1	10.9	13
B00317700	0.6	9.7	<1	<0.1	11.5	16
B00317701	9.4	226	<1	<0.1	20.4	1260
B00317702	1.1	16.8	<1	<0.1	9.3	40
B00317703	1.4	182	2	<0.1	19.9	668
B00317704	0.7	12.1	<1	<0.1	14.6	51
B00317705	0.8	12.0	2	<0.1	16.6	12
B00317706	0.5	31.6	<1	<0.1	11.2	65
B00317707	<0.5	10.7	<1	<0.1	15.8	18
B00317708	<0.5	14.1	<1	<0.1	12.5	32
B00317709	13.1	10.5	<1	0.1	15.6	46
B00317710	0.6	39.0	<1	<0.1	13.5	151
B00317711	2.8	29.9	<1	<0.1	16.8	246
B00317712	1.0	1.5	<1	<0.1	1.0	1

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
B00317713	1.3	0.8	<1	<0.1	1.3	2
B00317714	3.9	0.6	<1	<0.1	4.3	3
B00317715	0.9	47.1	1	<0.1	15.7	188
B00317716	2.5	27.4	<1	<0.1	21.0	153
B00317717	0.5	14.4	2	<0.1	15.7	28
B00317718	0.8	14.9	<1	<0.1	11.8	47
B00317719	1.6	43.5	<1	<0.1	12.2	156
B00317720	<0.5	50.0	1	<0.1	14.0	152
B00317721	0.5	38.3	2	<0.1	11.5	98
B00317722	<0.5	14.7	3	<0.1	21.4	39
B00317723	2.3	55.5	<1	<0.1	14.8	195
B00317724	0.7	20.5	2	<0.1	14.5	45
B00317725	<0.5	18.5	3	<0.1	15.9	30
B00317726	<0.5	12.7	<1	<0.1	16.8	24
B00317727	1.5	39.5	<1	<0.1	16.3	123
B00317728	3.0	39.8	<1	<0.1	25.1	241
B00317729	1.4	50.7	<1	<0.1	28.7	355
B00317730	6.1	0.8	<1	<0.1	2.8	3
B00317731	3.0	1.1	<1	<0.1	0.8	3
B00317732	3.2	0.7	<1	<0.1	<0.5	1
B00317733	0.7	62.2	<1	<0.1	17.3	123
B00317734	<0.5	11.4	<1	<0.1	19.5	20
B00317735	1.3	30.4	<1	<0.1	12.4	63
B00317736	<0.5	10.8	<1	<0.1	14.9	20
B00317737	1.5	33.0	1	<0.1	10.4	105
B00317738	1.4	53.9	<1	<0.1	15.4	220
*Rep B00317680	1.5	27.5	<1	<0.1	17.9	194
*Rep B00317664	0.6	24.9	<1	<0.1	12.9	63
*Std AMIS0169	8.4	38.0	<1	<0.1	37.3	424
*Rep B00317680	1.7	29.7	<1	<0.1	18.0	202

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	1
*Rep B00317708	<0.5	15.6	<1	<0.1	11.9	34
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep B00317722	<0.5	19.3	2	<0.1	20.6	39
*Rep B00317736	0.6	11.5	<1	<0.1	15.8	21

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
B00317653	7	68.7	7000	<2	<0.5	197
B00317654	3	103	3500	<2	<0.5	41
B00317655	34	67.1	800	<2	13.0	735
B00317656	11	102	1900	<2	<0.5	540
B00317657	86	88.7	1000	<2	10.7	1110
B00317658	11	48.8	1400	<2	3.9	259
B00317659	36	133	200	<2	1.0	373
B00317660	11	85.3	1100	<2	0.7	414
B00317661	23	58.8	1500	<2	1.3	66
B00317662	11	104	300	<2	0.6	542
B00317663	24	99.4	1200	<2	0.8	202
B00317664	28	116	200	<2	<0.5	103
B00317665	2	16.5	100	10	<0.5	6
B00317666	1	93.3	2200	<2	0.6	161
B00317667	34	49.8	1300	<2	7.0	426
B00317668	39	29.7	4800	<2	12.9	658
B00317669	13	107	500	<2	2.5	654
B00317670	39	103	1200	2	<0.5	83
B00317671	21	88.6	4700	<2	0.6	174

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
B00317672	23	68.6	1100	<2	2.7	197
B00317673	44	109	700	5	<0.5	90
B00317674	30	121	5300	4	<0.5	75
B00317675	26	10.6	2100	<2	4.3	30
B00317676	39	59.9	3500	3	1.3	66
B00317677	24	101	800	<2	<0.5	77
B00317678	73	84.3	1700	<2	<0.5	33
B00317679	19	74.2	1000	<2	3.9	500
B00317680	36	42.0	6900	9	2.1	210
B00317681	13	58.0	3600	4	2.9	296
B00317682	21	82.3	3800	3	<0.5	79
B00317683	6	94.6	3100	2	<0.5	110
B00317684	47	87.0	2000	<2	1.0	633
B00317685	24	75.1	3000	5	2.5	110
B00317686	22	53.8	12800	4	3.2	63
B00317687	17	93.1	5000	14	1.3	230
B00317688	25	89.5	500	2	<0.5	61
B00317689	26	78.7	600	<2	<0.5	85
B00317690	41	69.9	500	<2	5.0	375
B00317691	21	89.4	2400	2	1.1	207
B00317692	25	96.9	1900	2	<0.5	60
B00317693	30	79.2	3100	<2	0.7	152
B00317694	14	96.9	900	<2	0.6	392
B00317695	28	93.2	1500	2	<0.5	86
B00317696	13	107	400	<2	<0.5	74
B00317697	19	70.5	1400	<2	1.8	263
B00317698	47	36.1	5500	3	13.7	112
B00317699	4	80.1	600	<2	<0.5	33
B00317700	3	69.1	800	<2	<0.5	33
B00317701	18	33.5	1600	2	10.0	1570

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
B00317702	<1	77.4	2100	2	<0.5	61
B00317703	5	116	300	<2	<0.5	858
B00317704	<1	82.7	4800	<2	<0.5	69
B00317705	5	72.8	1200	<2	<0.5	29
B00317706	11	107	2100	2	<0.5	109
B00317707	23	80.1	1300	<2	<0.5	36
B00317708	20	87.3	500	2	<0.5	51
B00317709	38	47.2	6800	4	5.4	58
B00317710	21	95.0	6300	<2	0.5	197
B00317711	35	49.3	4500	29	3.1	240
B00317712	1	42.1	4800	<2	<0.5	5
B00317713	1	40.5	3200	2	<0.5	4
B00317714	6	20.7	400	<2	<0.5	4
B00317715	9	105	1100	<2	0.6	209
B00317716	12	95.0	8600	11	3.3	187
B00317717	13	103	700	<2	<0.5	46
B00317718	<1	73.8	1200	<2	<0.5	67
B00317719	21	80.4	4800	<2	0.6	185
B00317720	12	128	300	<2	<0.5	211
B00317721	4	109	1300	<2	<0.5	132
B00317722	40	156	800	5	<0.5	60
B00317723	3	73.5	200	<2	1.1	241
B00317724	24	106	500	<2	<0.5	74
B00317725	30	117	400	<2	<0.5	53
B00317726	29	82.7	200	<2	<0.5	41
B00317727	19	84.5	600	<2	0.5	172
B00317728	34	71.3	2400	80	2.4	270
B00317729	36	80.3	4300	9	1.7	366
B00317730	4	25.1	2200	5	<0.5	4
B00317731	1	26.0	8600	5	<0.5	5

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317732	1	25.4	4300	2	<0.5	4
B00317733	39	116	900	2	<0.5	203
B00317734	35	95.8	6000	6	<0.5	37
B00317735	13	90.5	1900	<2	<0.5	99
B00317736	25	97.1	1500	3	<0.5	36
B00317737	18	81.9	300	<2	<0.5	144
B00317738	8	99.4	1700	<2	0.7	264
*Rep B00317680	30	43.5	5000	11	2.5	210
*Rep B00317664	29	94.6	500	<2	<0.5	98
*Std AMIS0169	1	28.6	2900	3	2.0	348
*Rep B00317680	32	42.3	6300	10	2.5	228
*Blk BLANK	<1	0.5	<100	<2	<0.5	2
*Rep B00317708	20	85.1	400	<2	<0.5	60
*Blk BLANK	<1	0.7	<100	<2	<0.5	1
*Rep B00317722	48	144	700	3	<0.5	58
*Rep B00317736	26	98.9	1700	3	<0.5	39

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
B00317653	260	0.1	167	<1	48.7	<0.1
B00317654	116	<0.1	23	<1	8.0	<0.1
B00317655	88	0.8	213	<1	176	<0.1
B00317656	347	<0.1	165	<1	125	<0.1
B00317657	183	1.2	231	<1	266	<0.1
B00317658	124	0.4	185	<1	60.2	<0.1
B00317659	97	0.2	93	<1	84.7	<0.1
B00317660	162	<0.1	116	<1	92.2	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
B00317661	148	1.1	369	<1	14.0	<0.1
B00317662	41	0.2	54	<1	117	<0.1
B00317663	181	<0.1	137	<1	48.9	<0.1
B00317664	67	<0.1	30	<1	20.5	<0.1
B00317665	15	0.8	13	<1	1.2	<0.1
B00317666	58	<0.1	44	<1	34.3	<0.1
B00317667	86	0.8	210	<1	104	<0.1
B00317668	130	0.7	302	<1	155	<0.1
B00317669	56	0.4	108	<1	161	<0.1
B00317670	106	<0.1	64	<1	18.6	<0.1
B00317671	57	<0.1	104	<1	38.9	<0.1
B00317672	198	0.3	279	<1	46.6	<0.1
B00317673	80	<0.1	53	<1	17.9	<0.1
B00317674	91	<0.1	86	<1	15.1	<0.1
B00317675	67	0.6	10	<1	8.2	<0.1
B00317676	435	0.5	312	<1	15.7	<0.1
B00317677	80	<0.1	39	<1	16.3	<0.1
B00317678	49	<0.1	54	<1	5.7	<0.1
B00317679	72	0.4	115	<1	121	<0.1
B00317680	70	<0.1	297	<1	55.7	<0.1
B00317681	174	0.3	326	<1	74.8	<0.1
B00317682	117	<0.1	37	<1	17.1	<0.1
B00317683	121	<0.1	23	<1	23.7	<0.1
B00317684	93	0.1	180	<1	145	<0.1
B00317685	478	0.2	439	<1	28.4	<0.1
B00317686	233	1.0	135	<1	14.3	<0.1
B00317687	103	<0.1	606	<1	51.2	<0.1
B00317688	178	0.1	112	<1	13.7	<0.1
B00317689	101	<0.1	18	<1	17.0	<0.1
B00317690	112	0.7	289	<1	90.8	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
B00317691	383	0.1	356	<1	50.0	<0.1
B00317692	78	<0.1	69	<1	11.2	<0.1
B00317693	113	0.2	126	<1	34.8	<0.1
B00317694	89	<0.1	178	<1	88.8	<0.1
B00317695	126	<0.1	58	<1	18.3	<0.1
B00317696	40	<0.1	60	<1	15.0	<0.1
B00317697	285	0.3	401	<1	52.2	<0.1
B00317698	143	1.7	280	<1	24.7	<0.1
B00317699	32	<0.1	40	<1	5.8	<0.1
B00317700	40	<0.1	35	<1	7.0	<0.1
B00317701	43	0.8	202	<1	377	<0.1
B00317702	268	0.1	260	<1	13.4	<0.1
B00317703	65	<0.1	111	<1	180	<0.1
B00317704	15	<0.1	24	<1	15.9	<0.1
B00317705	49	<0.1	45	<1	5.0	<0.1
B00317706	69	<0.1	48	<1	20.6	<0.1
B00317707	56	<0.1	38	<1	7.3	<0.1
B00317708	51	<0.1	44	<1	10.4	<0.1
B00317709	208	0.7	181	<1	14.9	<0.1
B00317710	146	<0.1	143	<1	45.1	<0.1
B00317711	125	0.2	218	<1	62.1	<0.1
B00317712	15	0.4	92	<1	1.0	<0.1
B00317713	22	0.7	22	<1	0.9	<0.1
B00317714	61	0.6	11	<1	1.1	<0.1
B00317715	49	<0.1	70	<1	47.0	<0.1
B00317716	90	0.3	351	<1	48.1	<0.1
B00317717	40	<0.1	39	<1	9.1	<0.1
B00317718	36	<0.1	25	<1	15.0	<0.1
B00317719	252	<0.1	165	<1	41.9	<0.1
B00317720	112	<0.1	35	<1	42.8	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
B00317721	65	<0.1	48	<1	27.0	<0.1
B00317722	62	<0.1	56	<1	12.7	<0.1
B00317723	43	<0.1	113	<1	56.7	<0.1
B00317724	60	<0.1	64	<1	15.7	<0.1
B00317725	47	<0.1	28	<1	10.5	<0.1
B00317726	35	<0.1	27	<1	8.7	<0.1
B00317727	149	0.1	140	<1	39.6	<0.1
B00317728	116	0.2	594	<1	67.1	<0.1
B00317729	77	<0.1	554	<1	93.8	<0.1
B00317730	44	0.7	22	<1	0.9	<0.1
B00317731	40	0.8	25	<1	1.2	<0.1
B00317732	23	0.8	15	<1	0.8	<0.1
B00317733	140	<0.1	188	<1	40.7	<0.1
B00317734	50	<0.1	139	<1	7.4	<0.1
B00317735	68	<0.1	114	<1	20.5	<0.1
B00317736	71	<0.1	36	<1	7.0	<0.1
B00317737	64	<0.1	50	<1	33.2	<0.1
B00317738	74	0.1	182	<1	62.8	<0.1
*Rep B00317680	79	<0.1	342	<1	55.7	<0.1
*Rep B00317664	54	<0.1	37	<1	20.1	<0.1
*Std AMIS0169	321	2.2	95	<1	91.3	<0.1
*Rep B00317680	86	<0.1	318	<1	54.6	<0.1
*Blk BLANK	<5	<0.1	<5	<1	0.5	<0.1
*Rep B00317708	50	<0.1	28	<1	11.9	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep B00317722	68	<0.1	46	<1	11.7	<0.1
*Rep B00317736	77	<0.1	37	<1	8.1	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
B00317653	129	0.8	30	43	<1	770
B00317654	66	0.6	6	11	2	950
B00317655	200	0.6	107	133	4	860
B00317656	76	<0.5	36	109	<1	1150
B00317657	206	0.6	141	196	3	1170
B00317658	169	<0.5	36	51	<1	640
B00317659	36	<0.5	15	74	<1	1730
B00317660	96	<0.5	21	86	<1	1310
B00317661	112	<0.5	31	17	<1	790
B00317662	81	<0.5	30	115	<1	1550
B00317663	78	<0.5	16	46	<1	980
B00317664	32	<0.5	6	21	<1	1030
B00317665	10	<0.5	5	<1	<1	250
B00317666	61	<0.5	8	35	<1	1330
B00317667	133	<0.5	82	86	1	600
B00317668	253	<0.5	112	130	2	390
B00317669	77	<0.5	33	117	<1	1410
B00317670	19	<0.5	7	19	<1	3140
B00317671	34	<0.5	6	31	<1	1280
B00317672	111	<0.5	48	43	<1	1020
B00317673	42	<0.5	10	20	<1	1740
B00317674	29	<0.5	7	16	<1	2720
B00317675	273	<0.5	28	5	<1	140
B00317676	49	<0.5	19	15	<1	1190
B00317677	52	<0.5	9	20	<1	1470
B00317678	35	<0.5	<5	10	<1	1250
B00317679	128	<0.5	49	94	<1	820
B00317680	61	1.0	14	34	<1	1420
B00317681	50	0.6	23	53	<1	1230
B00317682	16	<0.5	6	16	<1	1680

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
B00317683	27	<0.5	7	25	<1	2950
B00317684	76	<0.5	44	129	1	1660
B00317685	90	<0.5	46	22	<1	1520
B00317686	133	<0.5	75	15	1	1270
B00317687	68	0.5	15	44	<1	1520
B00317688	52	<0.5	8	15	<1	1320
B00317689	114	<0.5	<5	19	<1	560
B00317690	158	<0.5	66	80	1	1170
B00317691	65	<0.5	27	47	<1	1240
B00317692	30	<0.5	7	16	<1	1310
B00317693	70	<0.5	21	35	<1	1650
B00317694	62	<0.5	28	81	<1	1200
B00317695	77	<0.5	6	20	<1	1050
B00317696	78	<0.5	9	19	<1	1790
B00317697	122	<0.5	54	58	<1	990
B00317698	249	<0.5	55	25	2	290
B00317699	33	<0.5	<5	10	<1	660
B00317700	47	<0.5	<5	9	<1	690
B00317701	271	<0.5	120	278	<1	390
B00317702	73	<0.5	14	14	<1	760
B00317703	113	<0.5	40	167	<1	1790
B00317704	230	<0.5	7	15	<1	840
B00317705	61	<0.5	6	8	<1	1160
B00317706	62	<0.5	10	28	<1	1420
B00317707	28	<0.5	<5	9	<1	1040
B00317708	79	<0.5	<5	12	<1	980
B00317709	171	<0.5	72	12	1	500
B00317710	59	<0.5	11	37	<1	1490
B00317711	82	0.8	42	38	<1	1210
B00317712	6	<0.5	<5	1	<1	540

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Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
B00317713	5	<0.5	<5	<1	<1	700
B00317714	31	<0.5	10	<1	<1	470
B00317715	54	<0.5	12	43	<1	1270
B00317716	106	<0.5	33	31	<1	1330
B00317717	76	<0.5	6	11	<1	1250
B00317718	60	<0.5	7	14	<1	800
B00317719	66	<0.5	32	40	<1	1080
B00317720	28	<0.5	8	47	<1	1780
B00317721	48	<0.5	10	30	<1	1730
B00317722	36	<0.5	5	15	<1	2100
B00317723	113	<0.5	35	55	<1	830
B00317724	44	<0.5	6	17	<1	1550
B00317725	46	<0.5	6	13	<1	1760
B00317726	33	<0.5	<5	11	<1	2120
B00317727	96	<0.5	10	37	<1	1340
B00317728	88	1.8	20	46	<1	2450
B00317729	44	2.3	13	61	<1	2460
B00317730	15	<0.5	10	<1	<1	730
B00317731	5	<0.5	5	1	<1	820
B00317732	4	<0.5	<5	1	<1	770
B00317733	49	<0.5	12	49	<1	2660
B00317734	36	0.6	<5	8	<1	3160
B00317735	112	<0.5	8	24	<1	1440
B00317736	56	<0.5	<5	9	<1	1340
B00317737	93	<0.5	9	31	<1	1050
B00317738	51	<0.5	20	56	<1	1020
*Rep B00317680	57	<0.5	10	34	<1	1310
*Rep B00317664	36	<0.5	8	23	1	1050
*Std AMIS0169	222	0.7	46	54	<1	90
*Rep B00317680	57	1.0	13	38	<1	1460

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep B00317708	79	<0.5	<5	15	<1	930
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep B00317722	43	<0.5	7	15	<1	2080
*Rep B00317736	56	<0.5	5	11	<1	1410

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317653	<1	6.8	30	35.6	20	0.6
B00317654	<1	1.8	10	10.4	10	0.3
B00317655	<1	14.5	10	112	2490	0.7
B00317656	<1	15.4	<10	63.7	50	0.3
B00317657	<1	28.5	<10	125	1680	0.8
B00317658	<1	7.1	<10	46.0	840	0.3
B00317659	<1	10.8	<10	31.9	80	<0.1
B00317660	<1	12.5	<10	61.9	160	0.5
B00317661	<1	5.2	<10	10.6	360	0.5
B00317662	<1	16.5	<10	34.6	80	0.2
B00317663	<1	6.0	<10	34.4	80	0.5
B00317664	<1	2.9	<10	11.7	10	<0.1
B00317665	<1	0.2	<10	4.2	70	<0.1
B00317666	<1	4.2	<10	27.5	50	0.3
B00317667	<1	11.4	<10	74.2	1230	0.5
B00317668	<1	16.5	<10	118	2530	0.8
B00317669	<1	14.4	<10	46.1	350	0.2
B00317670	<1	3.0	<10	20.3	30	<0.1
B00317671	<1	3.7	<10	38.2	60	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317672	<1	7.4	<10	47.0	460	0.3
B00317673	<1	3.2	<10	19.0	30	<0.1
B00317674	<1	2.6	<10	17.8	30	<0.1
B00317675	<1	0.6	10	26.9	970	0.8
B00317676	<1	2.9	<10	8.9	260	0.1
B00317677	<1	3.3	<10	27.1	40	<0.1
B00317678	<1	1.7	<10	8.4	10	<0.1
B00317679	<1	11.2	<10	50.3	570	0.3
B00317680	<1	2.7	<10	56.9	220	<0.1
B00317681	<1	6.2	<10	53.0	210	0.1
B00317682	<1	2.3	<10	17.8	30	<0.1
B00317683	<1	3.0	<10	24.1	50	<0.1
B00317684	<1	18.3	<10	39.0	150	<0.1
B00317685	<1	3.6	<10	43.3	420	0.3
B00317686	<1	2.9	<10	25.5	810	0.8
B00317687	<1	6.4	<10	55.5	110	0.2
B00317688	<1	2.3	<10	12.2	80	0.1
B00317689	<1	2.2	<10	8.0	40	<0.1
B00317690	<1	10.4	<10	75.1	950	0.3
B00317691	<1	7.7	<10	24.8	160	0.1
B00317692	<1	2.7	<10	19.0	30	<0.1
B00317693	<1	5.2	<10	26.6	150	0.2
B00317694	<1	11.6	<10	34.3	80	<0.1
B00317695	<1	2.8	<10	15.3	30	0.1
B00317696	<1	2.9	<10	33.2	30	0.3
B00317697	<1	14.2	<10	43.0	350	0.2
B00317698	<1	4.2	<10	46.4	2350	0.6
B00317699	<1	1.4	<10	7.5	20	0.1
B00317700	<1	1.2	<10	10.4	20	0.2
B00317701	<1	28.8	<10	90.4	1550	0.8

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317702	<1	3.3	<10	9.6	20	0.4
B00317703	<1	24.9	<10	29.3	30	0.2
B00317704	<1	1.5	<10	11.0	20	0.5
B00317705	<1	1.5	<10	6.7	20	0.2
B00317706	<1	4.1	<10	13.9	20	0.3
B00317707	<1	1.4	<10	10.6	20	<0.1
B00317708	<1	1.8	<10	9.0	<10	<0.1
B00317709	<1	1.9	<10	47.7	1140	0.7
B00317710	<1	5.2	<10	29.5	30	0.2
B00317711	<1	3.9	<10	39.7	290	<0.1
B00317712	<1	0.2	<10	0.7	10	<0.1
B00317713	<1	0.1	<10	0.8	20	<0.1
B00317714	<1	0.1	<10	5.7	130	0.1
B00317715	<1	6.0	<10	30.9	70	0.1
B00317716	<1	3.5	<10	63.0	240	0.2
B00317717	<1	2.0	<10	10.3	20	<0.1
B00317718	<1	1.8	<10	14.2	20	0.2
B00317719	<1	6.5	<10	25.8	90	0.2
B00317720	<1	6.2	<10	20.1	<10	<0.1
B00317721	<1	5.0	<10	20.1	30	<0.1
B00317722	<1	2.0	<10	11.8	20	<0.1
B00317723	<1	7.8	<10	33.1	120	0.1
B00317724	<1	2.6	<10	15.0	10	<0.1
B00317725	<1	2.3	<10	6.2	<10	<0.1
B00317726	<1	1.6	<10	4.7	20	<0.1
B00317727	<1	5.8	<10	23.4	90	<0.1
B00317728	<1	5.0	<10	98.4	300	0.2
B00317729	<1	5.9	<10	89.0	170	<0.1
B00317730	<1	0.1	<10	5.0	140	<0.1
B00317731	<1	0.1	<10	1.8	60	<0.1

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
B00317732	<1	0.1	<10	2.0	40	<0.1
B00317733	<1	8.5	<10	26.9	20	<0.1
B00317734	<1	1.3	<10	10.5	30	<0.1
B00317735	<1	4.2	<10	13.3	50	<0.1
B00317736	<1	1.3	<10	7.8	10	0.2
B00317737	<1	4.1	<10	27.9	80	0.1
B00317738	<1	7.4	<10	37.9	80	0.1
*Rep B00317680	<1	3.4	<10	56.9	180	<0.1
*Rep B00317664	<1	3.1	<10	13.3	40	<0.1
*Std AMIS0169	<1	4.9	<10	58.4	310	1.2
*Rep B00317680	<1	3.6	<10	59.3	180	<0.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep B00317708	<1	1.9	<10	9.2	20	<0.1
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep B00317722	<1	2.5	<10	11.6	30	<0.1
*Rep B00317736	<1	1.4	<10	8.9	20	0.1

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317653	147	<0.5	249	18.6	30	28
B00317654	12.5	<0.5	48	3.7	70	10
B00317655	12.1	1.2	364	33.0	260	176
B00317656	29.0	<0.5	406	41.5	550	51
B00317657	15.1	1.4	805	76.3	590	173
B00317658	8.7	<0.5	183	14.0	670	51
B00317659	7.8	<0.5	325	29.1	400	26
B00317660	21.3	<0.5	302	29.7	550	38

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317661	103	1.0	266	31.6	1390	24
B00317662	10.5	<0.5	467	34.2	140	25
B00317663	33.5	<0.5	159	13.3	380	29
B00317664	11.6	<0.5	70	4.8	100	7
B00317665	4.2	<0.5	5	0.9	790	8
B00317666	5.2	<0.5	93	7.3	100	20
B00317667	10.9	0.6	339	30.4	380	126
B00317668	15.9	1.2	378	33.9	780	160
B00317669	9.7	<0.5	384	26.1	170	36
B00317670	36.0	<0.5	79	7.6	270	13
B00317671	7.6	<0.5	96	7.4	70	38
B00317672	32.7	<0.5	247	24.4	910	68
B00317673	55.0	<0.5	83	6.9	300	12
B00317674	42.1	<0.5	71	7.6	410	11
B00317675	4.5	<0.5	16	2.3	120	47
B00317676	124	<0.5	123	11.0	450	20
B00317677	25.6	<0.5	72	7.9	200	14
B00317678	6.9	<0.5	47	4.4	120	8
B00317679	10.3	<0.5	301	22.4	330	65
B00317680	133	1.7	94	8.4	100	52
B00317681	71.8	0.6	156	16.3	160	55
B00317682	20.7	<0.5	64	5.1	270	12
B00317683	41.1	<0.5	79	7.0	320	18
B00317684	24.1	<0.5	530	52.8	660	45
B00317685	525	<0.5	148	15.8	530	64
B00317686	91.0	<0.5	95	9.7	1130	51
B00317687	123	<0.5	170	17.5	150	59
B00317688	107	<0.5	70	6.1	370	14
B00317689	27.3	<0.5	50	3.5	80	8
B00317690	31.3	<0.5	275	26.2	580	122

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



Submission No Probe metals/ 621 MMI (259-344)
Purchase Order Number Probe metals/ 621 MMI (259-344)
Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317691	175	<0.5	260	27.6	340	37
B00317692	13.1	<0.5	78	6.6	150	10
B00317693	33.8	<0.5	136	15.2	440	31
B00317694	10.3	<0.5	348	30.4	430	32
B00317695	93.7	<0.5	74	6.2	940	8
B00317696	14.5	<0.5	62	8.6	730	16
B00317697	32.4	<0.5	638	53.1	900	41
B00317698	7.7	1.0	124	9.6	1420	87
B00317699	1.0	<0.5	40	3.2	40	10
B00317700	1.4	<0.5	33	2.3	100	10
B00317701	12.7	1.0	613	47.1	130	105
B00317702	182	<0.5	143	12.4	380	9
B00317703	11.8	<0.5	730	63.7	310	25
B00317704	5.4	<0.5	27	2.0	20	8
B00317705	12.4	<0.5	43	3.1	110	10
B00317706	9.1	<0.5	92	6.0	140	8
B00317707	9.5	<0.5	41	3.0	160	8
B00317708	30.0	<0.5	52	3.8	100	6
B00317709	36.2	0.8	64	8.0	770	79
B00317710	31.0	<0.5	122	12.1	150	25
B00317711	107	0.7	115	10.8	100	50
B00317712	4.2	<0.5	8	1.3	610	2
B00317713	6.3	<0.5	6	0.7	700	<2
B00317714	19.6	<0.5	5	0.8	90	8
B00317715	3.9	<0.5	144	12.6	150	26
B00317716	49.5	0.6	88	10.4	220	67
B00317717	10.6	<0.5	45	4.5	160	5
B00317718	2.6	<0.5	43	3.3	100	13
B00317719	80.6	<0.5	203	20.1	620	38
B00317720	13.0	<0.5	173	11.5	270	10

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



Submission No Probe metals/ 621 MMI (259-344)
 Purchase Order Number Probe metals/ 621 MMI (259-344)
 Number of Samples 86

ANALYSIS REPORT BBM19-00356

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
B00317721	5.6	<0.5	135	10.9	280	11
B00317722	26.8	<0.5	62	6.0	220	5
B00317723	18.8	<0.5	218	18.8	350	38
B00317724	20.1	<0.5	75	7.6	460	8
B00317725	8.2	<0.5	63	5.2	190	5
B00317726	11.7	<0.5	47	3.2	120	6
B00317727	88.5	<0.5	157	15.0	490	27
B00317728	31.8	1.4	111	11.7	60	72
B00317729	26.0	1.5	151	14.0	30	53
B00317730	23.3	<0.5	5	0.9	180	9
B00317731	9.6	<0.5	6	0.9	360	4
B00317732	9.5	<0.5	6	1.0	290	3
B00317733	108	<0.5	227	19.8	340	11
B00317734	40.6	<0.5	42	3.8	60	8
B00317735	16.2	<0.5	108	14.1	1050	12
B00317736	16.0	<0.5	36	2.8	100	7
B00317737	15.5	<0.5	100	8.1	470	21
B00317738	5.8	<0.5	187	18.3	520	36
*Rep B00317680	122	1.4	94	8.4	100	47
*Rep B00317664	11.0	<0.5	75	5.5	130	10
*Std AMIS0169	19.8	1.0	92	8.1	160	39
*Rep B00317680	117	1.9	92	8.6	130	48
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep B00317708	36.2	<0.5	48	3.5	100	8
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep B00317722	27.2	<0.5	78	7.1	250	7
*Rep B00317736	16.2	<0.5	38	3.0	100	8

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



ANALYSIS REPORT BBM19-00357

To PROBE METALS INC
DANIEL LAFONTAINE
1338 RUE TURCOTTE
VAL-D'OR J9P 3X6
QC
CANADA

Order Number	Probe metals/ 621 MMI (345-430)	Date Received	02-Jul-2019
Submission Number	Probe metals/ 621 MMI (345-430)	Date Analysed	05-Jul-2019 - 31-Jul-2019
Number of Samples	86	Date Completed	02-Aug-2019
		SGS Order Number	BBM19-00357

Methods Summary

Number of Sample	Method Code	Description
86	G_LOG	Sample Registration Fee
86	G_WGH_KG	Weight of samples received
86	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Storage

Pulp	Store for 90 days
Reject	Store for 30 days

Authorised Signatory

Gerald Chik
Laboratory Manager

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317739	0.84	2.4	211	10	0.1	1840
B00317740	1.01	1.9	206	10	0.1	1360
B00317741	1.22	1.3	74	<10	0.2	1770
B00317742	0.97	7.1	48	<10	0.1	1050
B00317743	1.09	13.5	15	<10	0.3	970
B00317744	0.74	2.4	85	<10	<0	320
B00317745	1.03	3.9	34	<10	<0	1080
B00317746	1.13	14.9	67	<10	0.1	1040
B00317747	1.10	10.1	10	<10	0.1	1970
B00317748	1.10	11.4	29	<10	0.2	1430
B00317749	0.77	7.7	77	<10	0.1	1250
B00317750	0.94	<0.5	37	<10	<0	100
B00317751	0.82	0.6	54	<10	<0	120
B00317752	1.07	8.7	11	10	0.2	1940
B00317753	0.91	0.6	105	<10	<0	160
B00317754	0.89	10.4	26	<10	0.1	1680
B00317755	1.10	3.6	14	<10	0.2	2000
B00317756	0.93	16.0	18	<10	0.1	1870
B00317757	0.83	11.7	16	<10	<0	1960
B00317758	1.10	5.3	7	<10	0.2	1940
B00317759	1.19	3.3	56	<10	0.2	1980
B00317760	1.16	10.3	12	<10	<0	1840
B00317761	1.01	12.8	19	20	0.1	3100
B00317762	0.85	8.2	36	10	0.1	1890
B00317763	0.88	11.2	25	<10	<0	1890
B00317764	0.83	9.8	20	<10	0.1	1890
B00317765	1.05	10.8	45	<10	0.1	1600
B00317766	1.20	8.6	37	<10	<0	2020
B00317767	1.28	4.6	44	<10	0.1	1380
B00317768	0.79	6.6	58	<10	0.1	2160

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317769	0.83	<0.5	27	<10	<0	60
B00317770	0.87	<0.5	43	<10	<0	30
B00317771	0.86	<0.5	58	<10	<0	20
B00317772	0.64	<0.5	125	<10	<0	70
B00317773	1.12	2.5	25	<10	0.2	2240
B00317774	1.13	13.2	58	<10	0.2	2510
B00317775	0.86	<0.5	160	<10	<0	120
B00317776	1.09	8.1	26	<10	0.4	1890
B00317777	0.92	3.6	134	<10	0.2	1380
B00317778	1.15	7.4	50	<10	0.1	1790
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	-	9.0	32	<10	0.1	1860
*Rep B00317795	-	<0.5	20	<10	<0	50
*Blk BLANK	-	<0.5	<1	<10	<0	<10
*Rep B00317801	-	<0.5	23	<10	<0	20

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



Order Number Probe metals/ 621 MMI (345-430)
 Submission Number Probe metals/ 621 MMI (345-430)
 Number of Samples 86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- µg / kg	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- µg / kg	Au GE_MMIM 0.1 -- µg / kg	Ba GE_MMIM 10 -- µg / kg
*Std AMIS0169	-	8.1	53	<10	0.3	1100
*Rep B00317823	-	10.2	26	10	0.2	3570
*Rep B00317756	-	14.3	28	<10	<0	1550
*Std AMIS0169	-	8.4	52	<10	0.3	1000
*Rep B00317772	-	0.6	109	<10	<0	70
*Blk BLANK	-	<0.5	<1	<10	<0	<10

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317739	0.9	110	17	850	78	100
B00317740	1.3	106	34	439	176	100
B00317741	0.6	253	4	487	72	<100
B00317742	<0.5	355	8	254	104	<100
B00317743	<0.5	308	2	19	34	<100
B00317744	<0.5	207	14	34	27	<100
B00317745	<0.5	303	16	359	53	<100
B00317746	<0.5	423	22	129	88	<100
B00317747	<0.5	363	5	110	23	<100
B00317748	<0.5	402	6	84	46	<100
B00317749	<0.5	299	8	192	24	<100
B00317750	<0.5	241	7	2	36	<100
B00317751	<0.5	222	22	4	82	<100
B00317752	<0.5	359	4	363	35	<100
B00317753	<0.5	111	3	8	79	<100
B00317754	<0.5	508	5	16	26	<100
B00317755	<0.5	550	4	135	26	<100
B00317756	<0.5	467	13	40	71	<100

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- µg / kg	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- µg / kg	Ce GE_MMIM 2 -- µg / kg	Co GE_MMIM 1 -- µg / kg	Cr GE_MMIM 100 -- µg / kg
B00317757	<0.5	611	5	67	17	<100
B00317758	<0.5	340	3	5	48	<100
B00317759	<0.5	383	4	116	24	<100
B00317760	<0.5	508	10	146	113	<100
B00317761	<0.5	373	13	87	67	<100
B00317762	<0.5	351	11	172	97	<100
B00317763	<0.5	525	8	543	65	<100
B00317764	<0.5	472	7	208	126	<100
B00317765	<0.5	430	7	112	80	<100
B00317766	<0.5	445	7	63	61	<100
B00317767	<0.5	307	9	669	104	<100
B00317768	<0.5	387	5	413	42	<100
B00317769	<0.5	147	3	14	19	<100
B00317770	<0.5	199	7	11	11	<100
B00317771	<0.5	134	6	30	20	<100
B00317772	0.6	139	14	19	100	<100
B00317773	<0.5	376	5	859	122	<100
B00317774	<0.5	397	12	888	84	<100
B00317775	0.6	78	9	6	64	<100
B00317776	<0.5	408	5	170	31	<100
B00317777	<0.5	265	26	395	31	<100
B00317778	<0.5	451	9	721	68	<100
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
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ANALYSIS REPORT BBM19-00357

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	<0.5	473	4	21	36	<100
*Rep B00317795	<0.5	118	7	13	6	<100
*Blk BLANK	<0.5	<2	<1	2	<1	<100
*Rep B00317801	<0.5	148	3	15	6	<100
*Std AMIS0169	<0.5	37	1	683	86	<100
*Rep B00317823	<0.5	533	6	448	51	<100
*Rep B00317756	<0.5	427	10	49	89	<100
*Std AMIS0169	<0.5	37	2	701	81	<100
*Rep B00317772	0.7	163	15	26	95	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100

Element	Cs	Cu	Dy	Er	Eu	Fe
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	ppm m / m
B00317739	6.6	440	75.8	37.9	23.0	85
B00317740	7.3	240	29.3	15.3	8.7	120
B00317741	2.1	230	26.6	13.9	9.6	32
B00317742	0.5	1050	9.4	5.9	3.9	22
B00317743	0.3	690	28.4	13.9	9.5	4
B00317744	1.4	2290	9.6	7.4	1.3	73

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317745	1.0	290	13.4	7.9	4.6	25
B00317746	0.4	1450	13.8	8.6	3.6	13
B00317747	0.3	4300	11.1	6.3	3.3	12
B00317748	0.3	1650	12.7	6.6	3.6	10
B00317749	0.6	530	52.1	33.0	12.3	27
B00317750	0.4	200	2.6	2.3	0.4	33
B00317751	0.3	210	3.8	3.4	0.5	71
B00317752	0.7	2240	16.4	7.9	6.9	16
B00317753	0.7	360	2.6	2.5	0.4	98
B00317754	<0	700	13.5	9.0	2.4	6
B00317755	<0	780	29.3	17.8	8.3	7
B00317756	<0	2010	7.5	4.7	1.8	17
B00317757	0.3	1120	59.4	39.1	13.1	6
B00317758	<0	580	5.8	2.9	1.8	3
B00317759	0.4	740	68.3	35.5	20.8	8
B00317760	0.3	1180	20.4	12.6	5.2	6
B00317761	0.7	6330	11.5	7.9	3.0	19
B00317762	1.2	4150	11.6	6.9	3.5	31
B00317763	0.3	800	49.3	32.2	12.1	13
B00317764	0.2	1600	10.9	6.6	3.2	12
B00317765	0.2	770	16.1	9.8	4.3	14
B00317766	0.4	5260	7.0	4.7	1.8	24
B00317767	1.3	1560	26.4	13.8	8.5	88
B00317768	3.4	2850	26.5	15.6	7.8	53
B00317769	0.3	30	1.5	1.0	0.5	61
B00317770	0.4	30	2.6	2.1	0.5	55
B00317771	0.4	30	3.4	2.5	0.9	76
B00317772	0.4	210	8.4	8.7	1.0	111
B00317773	0.6	2760	28.8	15.5	10.4	50
B00317774	1.3	6310	44.7	29.5	12.2	46

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317775	0.5	230	3.3	6.3	0.3	87
B00317776	0.3	990	134	75.8	41.9	8
B00317777	1.4	650	75.1	46.1	17.7	58
B00317778	0.6	1410	60.2	38.0	16.3	30
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- µg / kg	Cu GE_MMIM 10 -- µg / kg	Dy GE_MMIM 0.5 -- µg / kg	Er GE_MMIM 0.2 -- µg / kg	Eu GE_MMIM 0.2 -- µg / kg	Fe GE_MMIM 1 -- ppm m / m
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	<0	710	12.5	7.3	3.2	8
*Rep B00317795	0.4	10	1.9	1.2	0.6	12
*Blk BLANK	<0	<10	<0.5	<0	<0	<1
*Rep B00317801	0.4	<10	3.0	1.7	0.7	10
*Std AMIS0169	6.9	3030	22.9	10.3	8.4	32
*Rep B00317823	1.8	7160	27.6	15.2	7.9	39
*Rep B00317756	0.3	1700	8.3	5.3	2.0	13
*Std AMIS0169	6.4	3130	23.2	10.7	8.9	34
*Rep B00317772	0.3	270	8.7	7.2	1.2	88
*Blk BLANK	<0	<10	<0.5	<0	<0	<1

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317739	18.6	97.0	<1	<1	35.5	429
B00317740	24.7	35.1	<1	<1	19.2	168
B00317741	5.1	37.5	<1	<1	13.2	177
B00317742	1.1	15.7	<1	<1	14.0	83
B00317743	<0.5	40.8	2	<1	18.6	68
B00317744	2.6	6.5	<1	<1	6.9	18
B00317745	2.6	18.3	<1	<1	9.3	116
B00317746	1.0	17.1	<1	<1	19.6	56
B00317747	0.6	17.2	<1	<1	19.5	39
B00317748	0.7	17.7	<1	<1	17.5	38
B00317749	2.0	57.4	<1	<1	15.7	154
B00317750	2.9	2.1	<1	<1	1.1	<1
B00317751	2.8	2.4	<1	<1	1.3	<1
B00317752	1.2	27.1	<1	<1	17.2	169
B00317753	4.8	2.0	<1	<1	2.2	2
B00317754	<0.5	11.9	<1	<1	22.4	17
B00317755	0.5	38.1	3	<1	19.9	101
B00317756	<0.5	10.2	<1	<1	23.7	11
B00317757	<0.5	76.9	3	<1	19.0	146
B00317758	<0.5	8.4	2	<1	22.4	4
B00317759	0.9	91.3	3	<1	27.4	355
B00317760	0.6	28.3	<1	<1	17.3	63
B00317761	1.2	15.4	<1	<1	33.7	35
B00317762	2.3	16.2	<1	<1	19.4	74
B00317763	1.2	64.1	<1	<1	14.1	191
B00317764	1.1	14.3	<1	<1	22.7	77
B00317765	1.0	21.6	<1	<1	20.9	61
B00317766	0.9	8.6	<1	<1	24.1	27
B00317767	2.5	35.8	<1	<1	14.5	266
B00317768	7.0	33.7	<1	<1	18.8	198

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317769	3.8	1.9	<1	<1	1.6	4
B00317770	4.2	2.7	<1	<1	0.7	2
B00317771	9.3	4.0	<1	<1	0.9	9
B00317772	12.4	4.3	<1	<1	3.1	8
B00317773	1.6	45.9	<1	<1	16.6	352
B00317774	3.3	60.4	<1	<1	18.7	331
B00317775	12.6	1.6	<1	<1	1.5	<1
B00317776	<0.5	198	3	<1	23.7	631
B00317777	4.1	86.2	<1	<1	15.7	302
B00317778	1.4	76.8	<1	<1	10.8	325
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	<0.5	15.4	<1	<1	22.8	27
*Rep B00317795	1.8	2.6	<1	<1	1.5	5
*Blk BLANK	<0.5	<0.5	<1	<0	<0.5	<1
*Rep B00317801	1.9	3.3	<1	<1	3.2	4

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- µg / kg	Gd GE_MMIM 0.5 -- µg / kg	Hg GE_MMIM 1 -- µg / kg	In GE_MMIM 0.1 -- µg / kg	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- µg / kg
*Std AMIS0169	10.0	38.0	<1	<0	43.1	373
*Rep B00317823	1.5	32.9	<1	<1	23.1	190
*Rep B00317756	0.8	9.6	<1	<1	22.7	15
*Std AMIS0169	11.0	38.5	<1	<0	41.1	414
*Rep B00317772	12.6	6.3	<1	<1	2.4	9
*Blk BLANK	<0.5	<0.5	<1	<0	<0.5	<1

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317739	33	36.5	5300	2	18.7	523
B00317740	44	41.8	6900	3	16.6	202
B00317741	6	79.4	4400	2	6.5	219
B00317742	4	71.0	7800	19	2.9	105
B00317743	9	151	2700	<2	<0.5	140
B00317744	2	45.9	500	20	0.5	24
B00317745	13	68.7	10600	5	2.2	126
B00317746	28	97.8	2200	4	1.1	72
B00317747	31	85.3	1600	39	<0.5	72
B00317748	32	96.8	2200	4	0.6	64
B00317749	8	87.9	1200	<2	0.6	243
B00317750	1	40.4	2800	7	<0.5	4
B00317751	2	35.0	4300	5	<0.5	6
B00317752	26	93.0	1000	29	2.0	205
B00317753	2	26.9	3500	4	<0.5	5
B00317754	59	126	700	2	<0.5	38
B00317755	48	158	2000	<2	<0.5	148
B00317756	24	123	4900	<2	<0.5	28

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317757	42	196	700	<2	<0.5	222
B00317758	69	105	1900	4	<0.5	24
B00317759	3	132	1800	<2	<0.5	439
B00317760	46	130	5900	2	<0.5	96
B00317761	34	99.8	5100	71	0.9	57
B00317762	35	99.1	4800	13	2.4	92
B00317763	24	157	3700	<2	<0.5	264
B00317764	41	130	13700	6	<0.5	86
B00317765	52	125	3200	4	0.5	89
B00317766	36	117	4300	19	1.1	37
B00317767	8	80.6	6300	3	3.6	273
B00317768	51	40.4	1200	9	5.4	196
B00317769	3	21.3	900	<2	<0.5	8
B00317770	1	22.5	500	<2	<0.5	9
B00317771	1	18.0	900	<2	<0.5	19
B00317772	2	17.9	1900	2	<0.5	13
B00317773	19	109	11600	3	1.5	365
B00317774	32	75.6	5500	8	2.9	334
B00317775	3	18.4	300	<2	0.5	3
B00317776	12	180	1800	<2	<0.5	852
B00317777	6	78.1	1100	<2	1.8	390
B00317778	20	107	1200	<2	1.9	385
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	ppm m / m	µg / kg	µg / kg	µg / kg	µg / kg
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- µg / kg	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- µg / kg	Mo GE_MMIM 2 -- µg / kg	Nb GE_MMIM 0.5 -- µg / kg	Nd GE_MMIM 1 -- µg / kg
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	68	121	900	2	<0.5	49
*Rep B00317795	2	20.8	<100	<2	<0.5	10
*Blk BLANK	<1	0.5	<100	<2	<0.5	2
*Rep B00317801	<1	25.4	400	3	<0.5	12
*Std AMIS0169	2	30.7	3300	4	2.1	303
*Rep B00317823	29	136	3400	27	3.2	212
*Rep B00317756	25	103	4100	<2	0.7	32
*Std AMIS0169	2	31.3	3200	3	2.1	335
*Rep B00317772	1	19.5	2500	4	0.5	19
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317739	128	1.2	285	<1	132	<0
B00317740	178	2.1	364	<1	49.8	<0
B00317741	49	0.6	120	<1	52.3	<0
B00317742	127	0.1	102	<1	27.4	<0
B00317743	79	<0	29	<1	26.0	<0
B00317744	120	0.3	213	<1	5.9	<0

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317745	176	0.4	81	<1	31.6	<0
B00317746	190	0.1	183	<1	17.9	<0
B00317747	52	<0	134	<1	14.9	<0
B00317748	94	<0	60	<1	13.8	<0
B00317749	103	<0	156	<1	55.2	<0
B00317750	25	0.4	55	<1	1.3	<0
B00317751	37	0.5	104	<1	1.5	<0
B00317752	120	0.1	207	<1	47.1	<0
B00317753	49	0.6	30	<1	1.6	<0
B00317754	66	<0	31	<1	7.8	<0
B00317755	115	<0	48	<1	30.5	<0
B00317756	121	<0	118	<1	5.7	<0
B00317757	105	<0	103	<1	41.9	0.1
B00317758	99	<0	51	<1	4.1	<0
B00317759	50	<0	73	<1	92.6	<0
B00317760	118	<0	44	<1	19.4	<0
B00317761	112	<0	597	<1	11.9	<0
B00317762	261	0.1	326	<1	22.9	<0
B00317763	208	<0	131	<1	59.7	<0
B00317764	80	<0	52	<1	20.7	<0
B00317765	149	<0	111	<1	19.6	<0
B00317766	150	<0	291	<1	8.5	<0
B00317767	132	0.3	154	<1	72.5	<0
B00317768	264	0.4	593	<1	48.9	<0
B00317769	26	0.8	57	<1	2.2	<0
B00317770	15	0.6	44	<1	2.5	<0
B00317771	19	1.0	66	<1	4.8	<0
B00317772	63	0.6	217	<1	3.3	<0
B00317773	75	0.1	126	<1	90.9	<0
B00317774	159	0.1	726	<1	88.0	<0

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317775	36	1.1	73	<1	1.4	<0
B00317776	113	<0	85	<1	173	<0
B00317777	169	0.3	306	<1	88.0	<0
B00317778	388	0.1	210	<1	92.9	<0
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- µg / kg	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- µg / kg	Pd GE_MMIM 1 -- µg / kg	Pr GE_MMIM 0.5 -- µg / kg	Pt GE_MMIM 0.1 -- µg / kg
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	57	<0	41	<1	10.2	<0
*Rep B00317795	21	1.6	77	<1	2.6	<0
*Blk BLANK	<5	<0	<5	<1	<0.5	<0
*Rep B00317801	26	1.1	83	<1	2.4	<0
*Std AMIS0169	390	2.6	104	<1	87.1	0.1
*Rep B00317823	118	0.2	860	<1	51.4	<0
*Rep B00317756	109	<0	99	<1	7.0	<0
*Std AMIS0169	399	2.7	101	<1	87.2	<0
*Rep B00317772	81	0.4	221	<1	4.4	<0
*Blk BLANK	<5	<0	<5	<1	0.8	<0



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317739	280	3.4	103	114	2	520
B00317740	286	3.2	61	40	2	280
B00317741	159	3.1	27	44	<1	870
B00317742	51	2.8	9	20	<1	750
B00317743	68	2.4	9	35	<1	1010
B00317744	49	2.3	12	6	<1	730
B00317745	69	1.9	15	23	<1	1010
B00317746	36	1.5	9	16	<1	1200
B00317747	26	1.9	5	15	<1	1790
B00317748	39	1.1	7	16	<1	1390
B00317749	88	0.9	23	55	<1	1020
B00317750	5	1.4	<5	2	<1	650
B00317751	6	1.7	9	2	<1	720
B00317752	76	2.0	8	33	<1	1340
B00317753	11	0.6	9	2	<1	320
B00317754	41	0.7	<5	9	<1	1880
B00317755	51	<0.5	8	34	<1	2470
B00317756	24	0.6	<5	8	<1	1660
B00317757	59	<0.5	10	57	<1	2570
B00317758	9	<0.5	<5	7	<1	2220
B00317759	73	<0.5	31	87	<1	1370
B00317760	46	<0.5	7	21	<1	3100
B00317761	68	4.8	8	12	<1	3140
B00317762	131	2.6	11	17	<1	1970
B00317763	65	<0.5	14	56	<1	2660
B00317764	21	<0.5	7	16	<1	3940
B00317765	30	<0.5	9	20	<1	2520
B00317766	50	1.4	6	9	<1	2430
B00317767	83	<0.5	38	44	<1	1200
B00317768	194	0.6	31	35	<1	1660

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317769	6	<0.5	<5	2	<1	620
B00317770	3	<0.5	<5	3	<1	670
B00317771	3	<0.5	7	4	<1	640
B00317772	11	<0.5	10	4	<1	580
B00317773	84	<0.5	21	57	<1	2130
B00317774	95	1.0	31	62	<1	1860
B00317775	7	<0.5	13	2	<1	490
B00317776	68	<0.5	26	175	<1	1740
B00317777	115	<0.5	55	85	<1	890
B00317778	77	<0.5	23	76	<1	1580
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	43	<0.5	6	12	<1	1990
*Rep B00317795	6	<0.5	<5	3	<1	560
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep B00317801	12	<0.5	<5	3	<1	550

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- µg / kg	Sb GE_MMIM 0.5 -- µg / kg	Sc GE_MMIM 5 -- µg / kg	Sm GE_MMIM 1 -- µg / kg	Sn GE_MMIM 1 -- µg / kg	Sr GE_MMIM 10 -- µg / kg
*Std AMIS0169	230	0.7	49	51	<1	90
*Rep B00317823	153	3.2	13	37	<1	1130
*Rep B00317756	32	0.6	6	8	<1	1690
*Std AMIS0169	211	1.2	49	54	<1	100
*Rep B00317772	7	<0.5	11	5	<1	620
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317739	1	13.2	20	93.6	4200	1.1
B00317740	1	5.3	10	71.2	3360	0.8
B00317741	<1	5.0	<10	65.8	820	0.6
B00317742	<1	2.0	<10	43.4	50	0.4
B00317743	<1	5.0	<10	10.6	<10	0.4
B00317744	<1	1.2	10	7.6	70	0.2
B00317745	<1	2.5	<10	34.1	350	0.5
B00317746	<1	2.3	<10	25.8	70	<0
B00317747	<1	2.0	<10	11.3	50	<0
B00317748	<1	2.3	<10	17.3	70	<0
B00317749	<1	8.5	<10	21.0	80	<0
B00317750	<1	0.3	<10	2.4	30	<0
B00317751	<1	0.5	<10	3.2	50	<0
B00317752	<1	3.4	<10	26.6	180	0.2
B00317753	<1	0.4	<10	7.7	90	<0
B00317754	<1	1.6	<10	7.8	<10	<0
B00317755	<1	5.0	<10	19.3	<10	<0
B00317756	<1	1.3	<10	13.9	60	<0

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317757	<1	10.0	<10	24.3	<10	0.1
B00317758	<1	1.0	<10	3.9	<10	<0
B00317759	<1	12.2	<10	22.7	30	0.3
B00317760	<1	3.7	<10	13.5	10	<0
B00317761	<1	2.1	<10	17.6	90	0.1
B00317762	<1	2.1	<10	35.7	160	0.1
B00317763	<1	8.6	<10	51.3	20	0.2
B00317764	<1	1.8	<10	21.5	40	<0
B00317765	<1	2.8	<10	22.6	40	<0
B00317766	<1	1.2	<10	18.7	30	<0
B00317767	<1	4.7	<10	57.4	230	0.2
B00317768	<1	4.6	<10	74.9	630	0.5
B00317769	<1	0.3	<10	2.7	80	<0
B00317770	<1	0.4	<10	2.7	30	<0
B00317771	<1	0.6	<10	9.0	70	<0
B00317772	<1	0.9	<10	10.9	100	<0
B00317773	<1	5.6	<10	61.5	120	<0
B00317774	<1	8.1	<10	90.8	190	0.2
B00317775	<1	0.3	<10	10.0	130	<0
B00317776	<1	24.8	<10	49.7	10	0.6
B00317777	<1	12.8	<10	93.3	330	<0
B00317778	<1	10.3	<10	103	100	0.1
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

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Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg	µg / kg
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- µg / kg	Tb GE_MMIM 0.1 -- µg / kg	Te GE_MMIM 10 -- µg / kg	Th GE_MMIM 0.5 -- µg / kg	Ti GE_MMIM 10 -- µg / kg	Tl GE_MMIM 0.1 -- µg / kg
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	<1	2.0	<10	10.8	10	0.2
*Rep B00317795	<1	0.3	<10	2.3	40	0.2
*Blk BLANK	<1	<0	<10	<0.5	<10	<0
*Rep B00317801	<1	0.5	<10	1.0	20	<0
*Std AMIS0169	<1	4.7	<10	58.1	330	1.0
*Rep B00317823	<1	4.5	<10	69.1	210	0.4
*Rep B00317756	<1	1.4	<10	20.4	60	<0
*Std AMIS0169	<1	4.8	<10	62.7	310	1.1
*Rep B00317772	<1	1.1	<10	10.2	110	<0
*Blk BLANK	<1	<0	<10	<0.5	<10	<0

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317739	11.4	1.6	368	26.9	340	171
B00317740	8.8	1.4	146	10.9	1100	110
B00317741	6.3	0.6	123	10.1	740	68
B00317742	39.0	<0.5	51	4.5	70	26
B00317743	1.7	<0.5	161	9.0	120	7
B00317744	681	<0.5	69	5.2	160	10

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317745	45.6	<0.5	70	6.2	310	39
B00317746	159	<0.5	74	6.8	240	17
B00317747	48.2	<0.5	69	4.9	30	19
B00317748	73.9	<0.5	64	5.3	100	16
B00317749	28.7	<0.5	273	25.8	1060	29
B00317750	18.2	<0.5	15	2.4	730	4
B00317751	56.2	<0.5	26	3.0	1270	5
B00317752	30.0	0.5	90	5.3	30	27
B00317753	11.7	<0.5	19	2.3	470	8
B00317754	66.8	<0.5	54	6.8	170	6
B00317755	14.9	<0.5	156	12.2	310	9
B00317756	18.8	<0.5	41	3.8	100	15
B00317757	9.2	<0.5	361	29.5	450	9
B00317758	8.2	<0.5	31	2.1	60	5
B00317759	8.1	<0.5	361	23.2	160	20
B00317760	12.4	<0.5	128	8.8	270	12
B00317761	83.2	1.1	71	6.0	70	29
B00317762	136	0.9	68	5.7	110	32
B00317763	14.1	<0.5	255	25.1	420	27
B00317764	45.4	<0.5	55	5.1	80	17
B00317765	43.3	<0.5	93	8.2	410	15
B00317766	64.5	0.5	48	4.1	100	15
B00317767	60.7	0.6	134	11.9	240	68
B00317768	49.6	1.2	136	13.1	140	87
B00317769	5.5	0.5	9	1.1	470	7
B00317770	2.8	<0.5	14	2.1	290	5
B00317771	4.4	<0.5	20	2.5	180	10
B00317772	23.0	<0.5	48	6.7	320	9
B00317773	56.5	<0.5	162	12.8	80	45
B00317774	41.6	0.6	233	24.4	180	72

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
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ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317775	25.0	<0.5	22	9.9	170	11
B00317776	9.0	<0.5	810	49.4	150	23
B00317777	15.2	<0.5	420	35.1	880	83
B00317778	37.0	<0.5	328	28.9	360	52
B00317779						
B00317780						
B00317781						
B00317782						
B00317783						
B00317784						
B00317785						
B00317786						
B00317787						
B00317788						
B00317789						
B00317790						
B00317791						
B00317792						
B00317793						
B00317794						
B00317795						
B00317796						
B00317797						
B00317798						
B00317799						
B00317800						
B00317801						
B00317802						
B00317803						
B00317804						

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- µg / kg	W GE_MMIM 0.5 -- µg / kg	Y GE_MMIM 1 -- µg / kg	Yb GE_MMIM 0.2 -- µg / kg	Zn GE_MMIM 10 -- µg / kg	Zr GE_MMIM 2 -- µg / kg
B00317805						
B00317806						
B00317807						
B00317808						
B00317809						
B00317810						
B00317811						
B00317812						
B00317813						
B00317814						
B00317815						
B00317816						
B00317817						
B00317818						
B00317819						
B00317820						
B00317821						
B00317822						
B00317823						
B00317824						
*Rep B00317754	64.0	<0.5	65	5.7	160	9
*Rep B00317795	0.9	<0.5	12	1.3	280	6
*Blk BLANK	<0.5	<0.5	<1	<0	<10	<2
*Rep B00317801	0.6	<0.5	15	1.2	170	3
*Std AMIS0169	20.2	0.9	107	7.7	180	37
*Rep B00317823	34.0	1.3	133	12.0	60	92
*Rep B00317756	23.5	<0.5	42	5.0	110	23
*Std AMIS0169	20.4	1.1	111	7.9	170	39
*Rep B00317772	24.9	<0.5	50	6.8	260	11
*Blk BLANK	<0.5	<0.5	<1	<0	<10	<2

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



Order Number
Submission Number
Number of Samples

Probe metals/ 621 MMI (345-430)
Probe metals/ 621 MMI (345-430)
86

ANALYSIS REPORT BBM19-00357

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

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SGS Canada | CA MIN Burnaby, BC 3260 Production Way, Burnaby, BC V5A 4W4 Burnaby CANADA ☎ +1 (604) 638 2349 📄

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Statement of Author's Qualifications

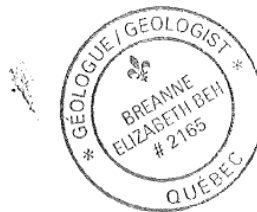
I Breanne E. Beh, here by certify that;

1. I reside at 93 Lawrence Ave., Thunder Bay, Ontario, P7A 6X7
2. I am a graduate of the University of Calgary in Calgary, Alberta from which I received a Bachelor of Science Degree (Geology) in 2010 and a graduate of Lakehead University in Thunder Bay, Ontario from which I received a Master of Science Degree in Geology in 2013.
3. I am one of the Qualified Persons responsible for this assessment report.
4. I have actively worked in Ontario as a geoscientist since 2012 and Quebec since 2017.
5. The accompanying assessment report is based on my direct involvement with the review of referenced geological reports, review of geophysical surveys and MMI soils sampling program on the Exploration Claims listed in this report.
6. I am a professional geologist and a Member in good standing with the Association of Professional Geoscientists of Ontario (APGO Membership No.: 2648). I am also a Geologist with the Ordre des Géologues du Québec (OGQ Membership No.: 2165).

Dated on the 19th day of September 2019 in Val-d'Or, Quebec, Canada.



Breanne E. Beh, M.Sc., P.Geo.

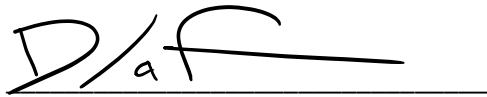


Statement of Author's Qualifications

I, Daniel J LaFontaine, here by certify that;

1. I reside at 93 Lawrence Ave., Thunder Bay, Ontario, P7A 6X7
2. I am a graduate of Lakehead University Thunder Bay, Ontario from which I received a Bachelor of Science Degree (Honours Geology) in 2013 and a graduate of Lakehead University in Thunder Bay, Ontario from which I received a Master of Science Degree in Geology in 2016.
3. I am one of the Qualified Persons responsible for this assessment report.
4. I have actively worked in Ontario as a geoscientist since 2016 and Quebec since 2017.
5. The accompanying assessment report is based on my direct involvement with the review of referenced geological reports, review of geophysical surveys, MMI soils sampling program and prospecting on the Exploration Claims listed in this report.
6. I am a Geologist in Training and a Member in good standing with the Association of Professional Geoscientists of Ontario (APGO Membership No.: 10677). I am also a Geologist In Training with the Ordre des Geologues du Quebec under supervision of Marco Gagnon (OGQ Membership No.: 0643).

Dated on the 19th day of September 2019 in Val-d'Or, Quebec, Canada.

A handwritten signature in black ink, appearing to read 'D/a F', is written over a horizontal line.

Daniel J. LaFontaine, M.Sc., G.I.T