

A Geochemical Report on the KRYPTOS Property
submitted as Representation Work

Work performed on:
KRYPTOS 39, 43, 45, 47-50,53-60, 61-80
YE90245, 249, 251,253-256, 259-266, YE93631-650

Work applied to:
KRYPTOS 15-80
YE90221-YE90266, YE93631-650
Mayo Mining District

Owner: Gordon Richards

Location
115P/01 & 02
Camp on claims at
UTM 427,700E, 7,005,135N, Elev 945 m
NAD 83, UTM Zone 8

Field work performed by
Gordon Richards & Jeff Mieras
During the period August 1-12,2019

Report written by Gordon Richards
October 1, 2019

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DIGITAL COPIES:

Table 3. Response Ratios for mmi samples with UTM xls

Data for Table 3 from SGS lab in CSV and PDF format

Table 4. Rock Chip Results collected from soil pits. xls

Data for Table 4 from Bureau Veritas in CSV and PDF format

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Figures 1-11 BMP and This report in WORD

INTRODUCTION.

The general area of the KRYPTOS claims was prospected with the aid of YMEP grants awarded to G Richards in 2016 and to Jeff Mieras in 2017. The property is located on gentle to moderate slopes across the Klondyke Highway about 25 km south Stewart Crossing within NTS map sheets 115P01 & 02. Access was made by helicopter to a camp in an open meadow in the east side of the property as shown on Figures 4 to 11 from where soil sampling traverses were made.

The geology of the area has been described on Canadian Geoscience Map 7 of southwestern McQuesten and parts of northern Carmacks by Ryan, J.J., Colpron, M., and Hayward, N., 2010. Figure 3. The area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith that is a weakly Kspar-porphyrific, medium-grained granite to quartz monzonite intruding its own volcanic pile in the west portion of the claims in contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims. Loess, about 25 cm thick, blankets most slopes. The claims lie entirely within Reid glaciated terrain with the possible occurrence of pre-Reid glaciated terrain along ridge tops.

Regional Geochemical Data (RGS) is available and provides geochemical data for numerous elements of stream sediments collected throughout the area including three creeks draining the general area of the claims. The RGS samples were collected in 1986 (OF 1650) and re-analyzed in 2011 using more sophisticated analytical techniques and released in Open File 2012-09. Releveling of the RGS data over a portion of 115P that included an area including pre-Reid glaciation over Yukon Tanana Terrain was done to recalculate thresholds for 70th, 80th, 90th, 95th and 98th percentiles for a number of elements. Using these recalculated threshold values, anomalous results for Cu, Au and other elements were seen to occur in two RGS samples, one draining the claims area (RGS 3230) and one draining a valley to the south of the claims (RGS 3231). A third RGS sample (RGS 3288) is located down-ice from the claims and contained anomalous Mo and Sb. A fourth RGS sample (RGS 3229) draining the same valley south of the claims as RGS 3229 contained no anomalous values.

The RGS results were the reason for prospecting the general area in 2016. Results of soil sampling identified four sizeable targets with porphyry geochemical signatures.

In 2017 the KRYPTOS 1-60 claims were staked June 12 to 14 and recorded June 14 to cover known anomalous zones identified from the 2016 work and their extensions. An MMI soil and black spruce twig sampling prospecting program was undertaken on the claims June 16 to 22 and July 1, 2017 to define the extent of known geochemically anomalous zones and search for additional targets.

Results of the field work were successful in defining four pronounced multi-element anomalous zones in the MMI soil results that have porphyry geochemical signatures. The largest measures 1600m long by 300 to 500m wide and crosses the Klondyke Highway. Other zones measure 600m by 600m, 900m by 300m and 900m by 500m open to the north. All of these zones are characterized by MMI samples having high response ratios for Cu. Response ratios for Au are high in over half the samples within the Cu zones. A few high Mo response ratios occur in samples within two of the Cu zones. High Pb response ratios occur in samples peripheral to the Cu zones. Ti has consistently low response ratios from samples within the Cu zones possibly due to destruction of illmenite by hydrothermal alteration associated with porphyry mineralization. Several other elements have low response ratios within the Cu zone as well.

A poorly defined new zone of anomalous metal values occurred in the southeastern third of the claims. It is characterized by consistently very high response ratios for As, Sb, W, and Mn and numerous high response ratios for Au, Bi, Tl, Fe, Zn, Ti and Cs. Bedrock throughout this zone may be metasediments as one outcrop of micaceous quartzite was noted during the soil sampling and the area is roughly within the area of metasediments described in Geoscience Map 7

In 2019 the KRYPTOS 61-80 claims were staked August 1, and recorded in Dawson Aug 2, 2019. A camp was set out by Fireweed Helicopters on Aug 2 and demobbed Aug 9. MMI soil sampling over the new claims and part of the old claims was carried out during this period.

Results show two patterns of anomalous gold measuring two km long and one km long and up to 400 m wide encompassed within nearly identical sized and coincident patterns of anomalous As, Sb, W, and Bi all defined by response ratios

in excess of 5. 38 small (0.06 to 0.24 kg) rock chip samples were collected and most assayed. Results contained low values of gold and other pathfinder elements leaving the source of the anomalous gold and other elements unexplained.

Recommended work includes digging numerous pits near and around highly anomalous metal values in soils in order to find and sample mineralized float that would explain the cause of the anomalous metals and help with planning future exploration on the property.

HISTORY.

Previous exploration activity occurred in the 1980's by a Mr Jim Carson with the staking of both quartz and placer claims. Two of these previous claim blocks are the MEGALURUS labelled on the figures and extending over much of the area sampled in 2019 and the FIRELORD which is a small claim block along the Crooked Creek at the northeast end of the MEGALURUS claim block. Other claims staked by Carson occur north of the KRYPTOS claims along Crooked Creek.

Only minimal hand trenching was recorded. All of this hand trenching was on narrow quartz veins within schist and micaceous quartzites of the Finlayson Assemblage done north and east of the KRYPTOS claim block along steep slopes into Crooked Creek. Work is summarized in Minfile Report 115P 038. Assessment Report 019539 provides some detail to the sampling. Samples submitted by Carson report grades up to 0.36 oz/T Au from selected samples but reports by personnel working for Curragh Resources, Erickson Gold Mining Corp., and Noranda Exploration Company, Limited all reported no gold from samples collected over greater widths. One claim block, the FIREDEVIL staked in 1987 covers the biggest porphyry target defined by the 2016/2017 surveys although no outcrop is known to exist in this area.

Placer claims were staked over two or three km along the small creek flowing west immediately south of the KRYPTOS claims. No placer production was recorded or evident along the creek that was staked.

YMEP grants 16-056 awarded to Richards and 17-001 awarded to Jeff Mieras.

Work in 2016 by the writer and Mieras and funded by YMEP grant 16-056, awarded to Richards located five poorly defined patterns of strong multi-element geochemical anomalies in MMI soil samples with porphyry mineralization signatures. Work in 2017 by the writer and Mieras and funded by YMEP grant 17-001 awarded to Mieras provided more definition to these anomalous zones. The KRYPTOS 1-60 claims were recorded June 14, 2017 and the KRYPTOS 60-80 recorded Aug 2, 2019. MMI soil sampling done from Aug 2 to Aug 11, 2019 over the Au-As-Sb-W-Bi anomalous zones provides the basis of this report.

CLAIMS.

Table 1 is a list of all claims forming the property. The claims lie in the Mayo and Dawson Mining District with the Klondyke Highway forming the boundary between the districts. The Registered Owner is Gordon G Richards. The work described in this report was funded largely by Richards.

Table 1. Claim Status

Claim Name	Grant No.	Expiry Date	Mining District
KRYPTOS 1-14	YE90207-YE90220	2025/06/15	Dawson
KRYPTOS 15-60	YE90221-YE90266	2021/06/14	Mayo
KRYPTOS 61-80	YE93631-YE93650	2020/08/02	Mayo

Certificate of Work is to be filed on all of the KRYPTOS claims lying within the Mayo District based on work described in this report.

Apply 4 years to KRYPTOS 15-60: 40 cl X 4yrs X \$100/cl-yr = \$16,000.

Apply 5 years to KRYPTOS 61-80: 20 cl X 5yrs X \$100/cl-yr = \$10,000.

GEOLOGY.

Bedrock geology is best described on Canadian Geoscience Map 7 of *Southwestern McQuesten and Parts of Northern Carmacks* by Ryan, J.J., Colpron, M., and Hayward, N., 2010. Figure 3 is a portion of that map covering the general area of the property. The claims area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith in the west portion of the claims in

fault contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims.

The Reid Lakes Batholith is an 80 km long unmetamorphosed Early Mississippian aged batholith that intrudes its own volcanic pile. It is a weakly Kspar-porphyrific, medium-grained granite to quartz monzonite.

The Finlayson Assemblage is a Late Devonian to Early Mississippian metavolcanic and metasedimentary assemblage. The metasediments such as occur on the property are described as carbonaceous quartzite to mica-quartz schist, black to white quartzite, with schist and garnet schist interlayers; and rare black phyllite, possibly equivalent to Nasina Formation, or simply a carbonaceous member of the Snowcap Assemblage. Two closely spaced outcrops of the metasedimentary rocks were located in 2017 along the most north-easterly sample line. They were both dark grey micaceous quartzite. In August 2019 three more outcrops were located. An outcrop of quartz monzonite occurs on a small knoll at the west end of the recently staked claims near sample Y140. Two other outcrops of micaceous quartzite were located, one along a creek bank near sample site P124 and the other on the north facing hillside near sample site Y83. All three metasedimentary outcrops had near flat to very gently dipping schistosity.

Glaciation in the area of the property is described as Reid in age on several government maps although pre-Reid glaciation may have occurred on the ridge top in the western half of the recently staked claims. Pre-Reid glaciation is possibly older than 500,000 years (Jeff Bond, personal communication, 2012). Reid glaciation began 200,000 years ago and ended about 50,000 years ago. Younger McConnell Glaciation which lies further east of the claims ended about 20,000 years ago.

Uppermost soil is an organic soil from almost absent to less than one cm thick on dryer slopes and in excess of 10 cm thick over gentle poorly drained slopes. Loess occurs on all slopes, generally about 20 to 30 cm thick beneath the organic soil. This loess is believed to have formed in late stages or soon after the end of McConnell Glaciation. Till is commonly found beneath the loess on the north facing and east facing slopes containing well rounded cobbles and smaller rocks of foreign origin. In these areas a few subround to round pebbles do occur

in the loess and have probably worked themselves up into the loess from underlying till. At higher elevations along the ridgeline till does occur beneath the loess but angular rock fragments believed to be of local origin are common in many soil pits and in a few pits are very abundant.

GEOCHEMICAL SURVEY.

SURVEY METHODS.

General.

G. Richards drove from Dawson to the project area on July 31 and staked the KRYPTOS 61-80 quartz August 1. He drove to Mayo August 2 recorded the claims, bought supplies and then drove to meet Mieras along the Klondyke Highway on the property where they met a Fireweed Helicopter to mob a camp into a meadow in the centre of the area to be sampled. They collected samples until August 10 when they demobbed the camp to their vehicles. Richards drove to Whitehorse to return rented radios, sort and ship samples, pay invoices, and clean and store camping gear.

	Mob/demob	Staking	Sampling
Richards	Aug 1, 11	Aug 2	Aug 3-10
Mieras	Aug 2		Aug 3-10
TOTAL	3 man-days	1 man-day	16 man-days

Sixteen man-days were spent collecting samples on the project by Mieras and Richards from August 3 to 10, 2019 collecting **320 MMI soil samples** and **38 rock chip samples of which 34 were assayed**. One man-day was spent demobbing from the property. Mobbing time was done prior to recording the claims and therefore can not be used in the statement of work for assessment purposes.

Four sample series are shown on Figure 4. "C" and "T" sample series were collected in 2016; "R" and "K" sample series were collected in 2017; and P and Y sample series were collected in August 2019.

The 2019 MMI soil sampling program was conducted across the KRYPTOS 61-80 claims and those KRYPTOS claims containing anomalous patterns of Au-As-Sb-W-Bi to find the limits of these anomalous patterns and collect rock samples

for assaying in the hopes of finding mineralized float and outcrop that would explain the anomalous metal patterns. All the rock chip samples were collected from angular float in soil pits except for the two outcrops of quartzite found near soil pits. Sample interval was 100 m along sample lines spaced 200 m apart. A 50 m sample interval and 100 m spaced lines was done in a small area near samples collected in 2017 that contained the highest gold values. Sample locations were recorded on Garmin GPSmap 60Cx handheld units and later downloaded and moved into sample result tables.

All soil geochemical results are provided in digital form with NAD 83 Zone 8 UTM co-ordinates provided for all samples. Response ratios calculated for selected elements of all MMI samples are provided in Table 3 in digital form. Geochemical analysis results of 34 rock chips are provided in Table 4 and descriptions of these rock chips are provided in Table 5.

MMI Soil Sampling.

MMI analysis uses a weak partial extraction to improve the conventional geochemical response over buried ore deposits. The process measures the mobile metal ions from mineralization, which have moved toward the surface and are loosely attached to the surfaces of soil particles. Its effectiveness has been documented in over 1000 case histories on six continents and includes numerous commercial successes. The anomalies are sharply bounded and in most cases directly overlie and define the extent of the surface projection of buried primary mineralized zones. The MMI process is a proprietary method developed by Wamtech of Australia. SGS Minerals Services in Toronto purchased all rights to the method and provides analyses in Canada.

Watch and ring were removed prior to sampling. Pits were dug by shovel to a depth of 30 cm in order to expose the soil profile for sampling. The profile was scraped clean with a plastic scoop to remove any metal effect from the digging shovel. A continuous strip of soil was collected by plastic scoop over the interval of 10 to 20 cm below the top of true soil, placed in a pre-numbered zip lock baggie and placed in an 11 inch by 20 inch 2 mil plastic bag. Loess was present at nearly all sample sites and was the sample medium for most samples with a

minor contribution from underlying till in some samples. Samples were kept cool until they were shipped to SGS Minerals Services in Vancouver for analyses.

In the SGS Lab, samples are not dried or prepared in any way. The MMI process includes analyses of an unscreened 50-g sample using multi-component extractants. Metals are determined by ICP-MS in the parts per billion range.

Response Ratios were calculated for Ag, As, Au, Bi, Ca, Cu, Eu, Fe, Gd, K, La, Mg, Ni, Pb, Sb, Sc, Sr, Ti, Tl, W, and Zn. Response ratios for Au, As, Sb, W, Bi, Ca, and Eu are provided graphically in Figures 5-11. To calculate the response ratios first the average value for results of the lower quartile was calculated for each element and used as background value. One-half of detection limit was used for those samples with values reported as less than detection limit. Then each result was divided by the lower quartile average to obtain its response ratio. A response ratio of 10 or more is considered very significant for indicating underlying mineralization. Lesser values of 5 to 10 can also be important particularly where more than one element has such a value. Response ratios can best be thought of as a multiple of background in interpreting results.

SURVEY RESULTS.

Results of the 200 m by 100 m MMI soil and sample grid over the target area on the KRYPTOS claims is provided in Tables 3 to 5. MMI soil sample results are shown graphically on Figures 5 to 11. Results of the 2017 survey provide a small portion of the data shown on these maps in order to provide a complete picture of the targets.

Three unmineralized outcrops found on the soil lines in 2019 and one outcrop found in 2017 are shown on Figure 4. One was of unaltered granodiorite of the Reid Lakes Batholith at three were of micaceous quartzite of the Finlayson Assemblage. They are shown on the figure by black triangles. The contact between these two rock types is twofold. A fault shown on Figure 3 by a NNWly black line in the centre of the map and labelled Carson Fault is one contact. The other is an intrusive contact shown on Figures 5-11 as a black hatched line in the western portion of the survey area and described in the legend.

A large zone of anomalous metal values in MMI soils occurs in the eastern half of the KRYPTOS claims. An irregular horseshoe shaped zone of anomalous Au three km long and up to 300 m wide occurs in the centre of the survey area. Figure 5. The anomalous zone is defined by Au response ratios (RRs) in excess of 5 with highs of 227 at Y38 and 76 at Y29. A second anomalous Au zone one km long and up to 400 m wide defined by MMI soils with RRs of >5 occurs in the northern portion of the survey area.

Both of these anomalous Au zones occur within a larger roughly circular pattern of nearly coincident anomalous As (RR>8), Sb (RR>5), W (RR>5), and slightly less well-defined Bi (RR>5). Other elements that are not plotted on the figures but form nearly coincident patterns of anomalous RRs of >5 in order of diminishing correlation include, Ti, Tl, Zn, Eu and other rare earth elements and Mn. Together they define a footprint of multi-element anomalous geochemistry that surrounds and envelops the anomalous Au zones.

38 small (0.06 to 0.24 kg) rock chip samples were collected and 34 of them assayed. Results contained low values of gold and other pathfinder elements leaving the source of the anomalous gold and other elements unexplained. See Figure 3. The highest gold value was 15.9 ppb with 51 ppm As , 5.1 ppm Sb, <0.1 ppm W, and 0.1 ppm Bi from sample Y87 located in the centre of the horseshoe shaped anomalous MMI gold pattern. It is described on Table 5 as subangular phyllite/schist with limonitic vuggy irregular fractures with some quartz and being darker than other nearby samples. This sample may be the only sample suggestive of a cause of the anomalous soil patterns although of all the elements analyzed, only As and Sb were moderately anomalous. The micaceous quartzite outcrop sampled in 2017 at soil site K138 assayed moderately anomalous values were As-95ppm and Sb-20ppm. They provide some indication of what to look for in future exploration of the property.

Cause of the anomalous elements may be some style of epithermal gold mineralization given the anomalous Au and the number of traditional Au pathfinder elements included in this anomalous suite. These pathfinder elements include As, Sb, Bi, Tl, and W.

CONCLUSIONS.

Sampling in 2019 on the KRYPTOS claims defined two zones of anomalous gold in MMI soils, one measuring 3 km long by up to 300 m wide forming a horseshoe shape and the other one km long by up to 400 m wide all contained within three km diameter patterns of nearly coincident anomalous As, Sb, W, Bi and other elements.

Bedrock throughout this zone is certainly metasediments based on three outcrops and abundant similar angular chips in soil pits. The target area lies within metasediments of the Finlayson Assemblage described on Geoscience Map 7. No strongly mineralized samples were found although one sample, Y87, of phyllite/schist with weakly quartz bearing fractures yielded 15.9 ppb Au with moderately anomalous As and Sb but no anomalous values in any of the other pathfinder elements.

Epithermal gold mineralization may be present within the target area given the anomalous Au in soils and the number of traditional Au pathfinder elements included in this anomalous suite.

RECOMMENDATIONS.

It is recommended that soil pits be dug on and around some of the soil sample locations with the highest gold values in an attempt to find strongly mineralized outcrop and/or angular float. Success could lead to trenching or drilling.

STATEMENT OF COSTS

Fireweed Helicopter #15442 Aug 2. Mob Property.	\$2,262.33
Fireweed Helicopter #15449 Aug 10. Demob Property.	2,100.74
Geochem:	
Bureau Veritas VAN1900233 Rocks	1181.04
SGS Labs MMI samples	
Invoice 272093	10,471.04
Invoice 575468	3,774.96
Invoice 575658	134.83
Wages:	
G Richards Aug3-11; 9 days @ \$500/day	4500.00
J Mieras Aug 3-10; 8 days @ \$350/day	2700.00
Living Allowance: sample bags, food, sat phone, radios, flagging, etc	
17 man-days @ \$100/man day	1700.00
Truck: Whitehorse-Mayo-Stewart-Mayo-Whitehorse: 1052 kmx\$0.61	641.72
Generator: 8 days @ \$10/day	80.00
YWCB 0.0459 X \$2700	123.93
Freight: Air North, MMI samples Whitehorse to Vancouver	228.20
Report: 10% of above costs (\$29,898.79)	<u>2,989.88</u>
TOTAL	\$32,888.67

Apply 4 years to KRYPTOS 15-60: 40 cl X 4yrs X \$100/cl-yr = \$16,000.

Apply 5 years to KRYPTOS 61-80: 20 cl X 5yrs X \$100/cl-yr = \$10,000.

STATEMENT OF QUALIFICATIONS.

I, Gordon G Richards, with business address at 6410 Holly Park Drive, B.C., V4K 4W6, do hereby certify that:

1. I hold a B.A.Sc. (1968) in Geology from The University of British Columbia, and an M.A.Sc. (1974) in Geology from The University of British Columbia.
2. I have been practicing my profession as a geologist for over 40 years and as a consulting geological engineer from 1985 to 2018. I have work experience in western areas of the United States, Alaska, Canada, Mexico and Africa.
3. I have based this report on my own field work and supervision of field work by Jeff Mieras during the period of August 3 to 11 and on the results generated by that field work.

Respectfully submitted,

Gordon G Richards

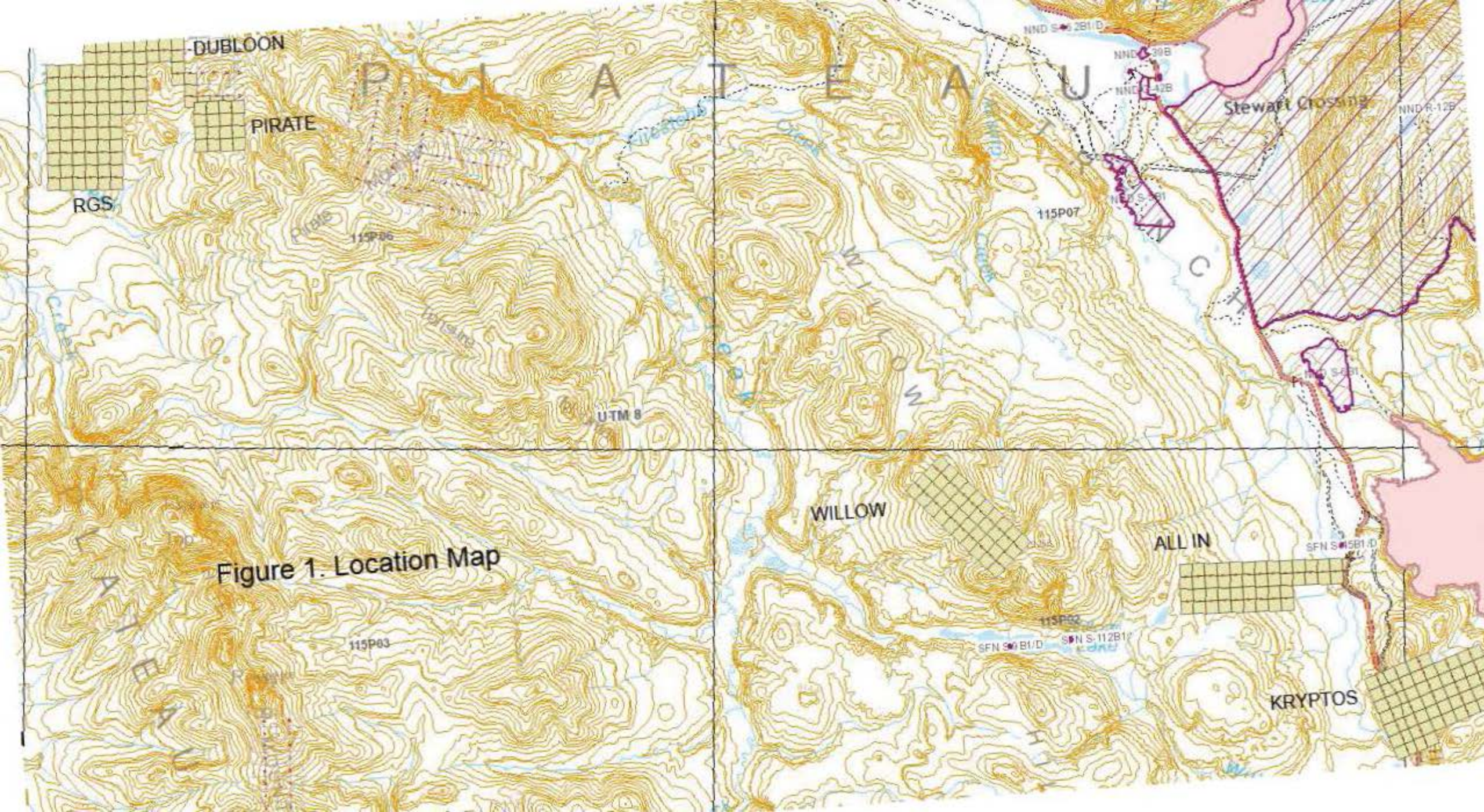
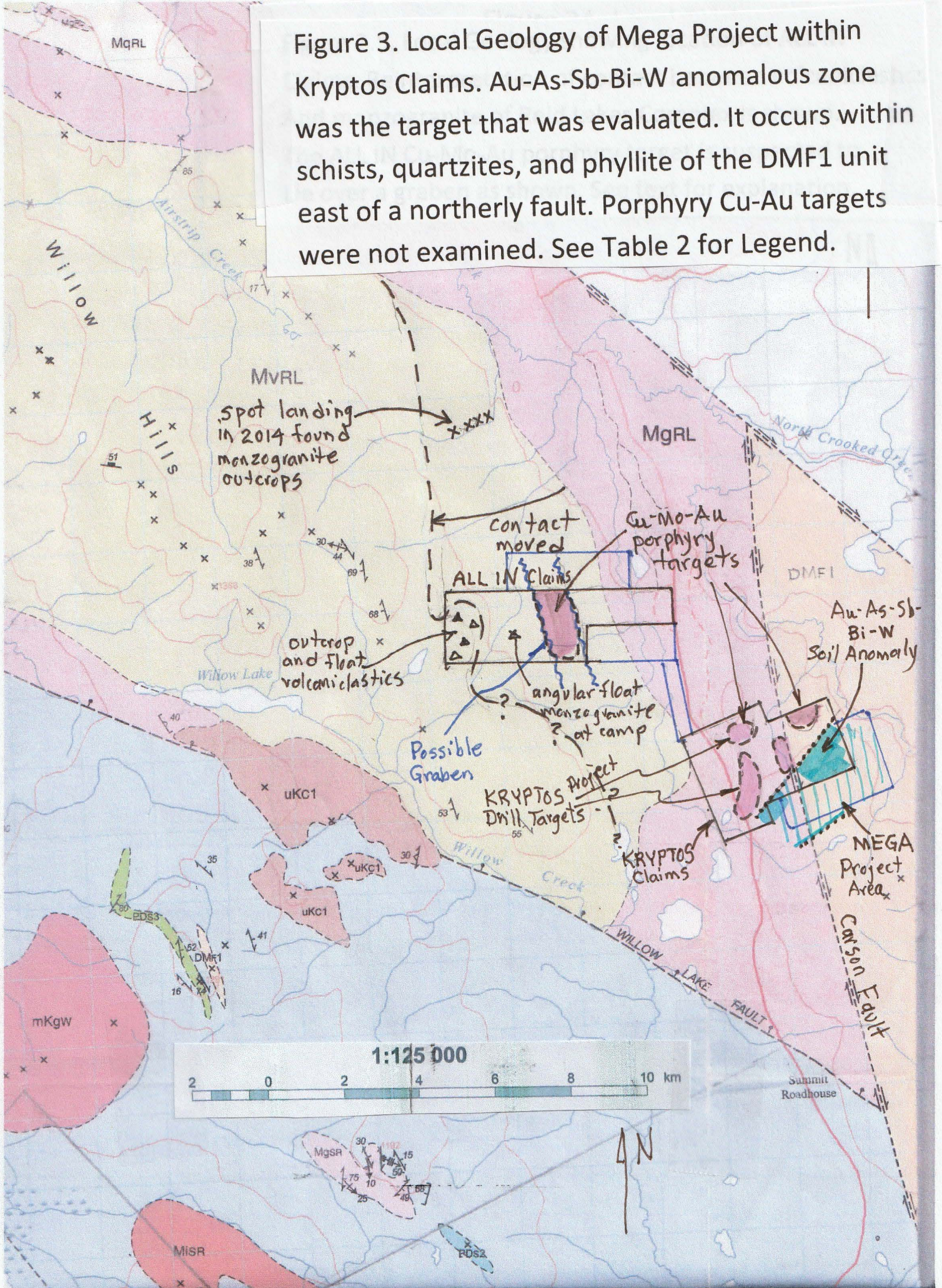


Figure 1. Location Map



Figure 3. Local Geology of Mega Project within Kryptos Claims. Au-As-Sb-Bi-W anomalous zone was the target that was evaluated. It occurs within schists, quartzites, and phyllite of the DMF1 unit east of a northerly fault. Porphyry Cu-Au targets were not examined. See Table 2 for Legend.



EARLY JURASSIC

EJgA

Aishihik suite: granodiorite to monzogranite (\pm quartz monzonite and quartz monzodiorite); commonly K-feldspar porphyritic and hornblende-bearing; common biotite \pm chlorite alteration with secondary epidote; prominent magmatic epidote; intrudes Stikinia and Yukon Tanana terranes; generally underformed but locally foliated plutons and/or dykes.

PERMIAN

Metaplutonic and metavolcanic rocks of the Klondike arc

PgSC

Sulphur Creek suite: quartz and K-feldspar porphyritic to augen monzogranite; strain varies from moderately foliated to gneissic (including porphyroclastic straight gneiss); biotite bearing; locally is the protolith to felsic Klondike Schist.

Klondike Schist (PK1, PK2)

PK2

Metafelsite, commonly porphyritic or augen-textured; possibly derived from felsic volcanic rocks or hypabyssal intrusions; locally derived from equigranular to augen monzogranite; locally exhibits decussate amphiboles pseudomorphed to chlorite-biotite; local coarse porphyroblastic garnet.

PK1

Intermediate to mafic, light-green, pyrite-chlorite schist; commonly exhibits a pitted surface indicative of coarse pyrite cubes having weathered out; primary volcanic textures locally preserved.

EARLY MISSISSIPPIAN

Reid Lakes complex (MgBRL, MgRL, MqRL, MvRL)

MgRL

Reid Lake batholith: polyphase; undeformed to weakly foliated monzogranite, granodiorite and quartz monzonite; typically biotite-bearing and exhibiting abundant blebby to porphyritic smokey quartz; fresh magmatic hornblende and K-feldspar phenocrysts common in eastern extent; slightly foliated adjacent to Willow Lake fault; easily confused with undeformed post-Triassic intrusions.

LATE DEVONIAN - EARLY MISSISSIPPIAN

Moderately to strongly foliated (orthogneissic) plutonic rocks

Simpson Range suite (MgSR, MiSR, MagSR)

MgSR

Monzogranite to granodiorite; equigranular; pink to orange; generally biotite-bearing (after hornblende?); homogeneous to layered.

MiSR

Intermediate to mafic granitoid (tonalite to diorite) sheets; intermediate to dark colour; homogeneous to layered.

Metavolcanic and metasedimentary rocks

Finlayson Assemblage? (DMF1, DMF2)

DMF2

Greenstone - greenschist facies metabasite; chlorite-actinolite schist; preserves relict volcanic and volcanoclastic textures when viewed perpendicular to the stretching lineation; commonly medium green; possibly lower grade equivalent of the garnet-amphibolites assigned to the Snowcap Assemblage.

DMF1

Carbonaceous quartzite to mica-quartz schist; black to white quartzite, with schist and garnet schist interlayers; and rare black phyllite; possibly equivalent to Nasina formation, or simply a carbonaceous member of the Snowcap assemblage.

LATE DEVONIAN AND OLDER

Snowcap assemblage (PDS1, PDS2, PDS3)

PDS3

Amphibolite schist to garnet-amphibolite; metabasite; usually garnet-hornblende-plagioclase or hornblende-plagioclase, with local chlorite-biotite; probably derived from mafic volcanic to volcanoclastic rocks; some layers that are internally homogeneous may be mafic sills; more intermediate varieties can have rosettes of decussate, larger hornblende.

PDS1

Quartzite to quartz-mica schist; banded to massive, grey to white in colour; locally conglomeratic; commonly contains beds of micaceous quartz arenite; clastic in origin; quartz-muscovite-biotite schist is possibly derived from siliceous siltstone; commonly finely interlayered with garnet-metapelite.

Table 1. Legend for Figure 3 taken from: Ryan, J.J., Colpron, M., and Hayward, N., 2010. Geology, southwestern McQuesten and parts of northern Carmacks, Yukon; Geological Survey of Canada, Canadian Geoscience Map 7 (preliminary version), scale 1:125,000.

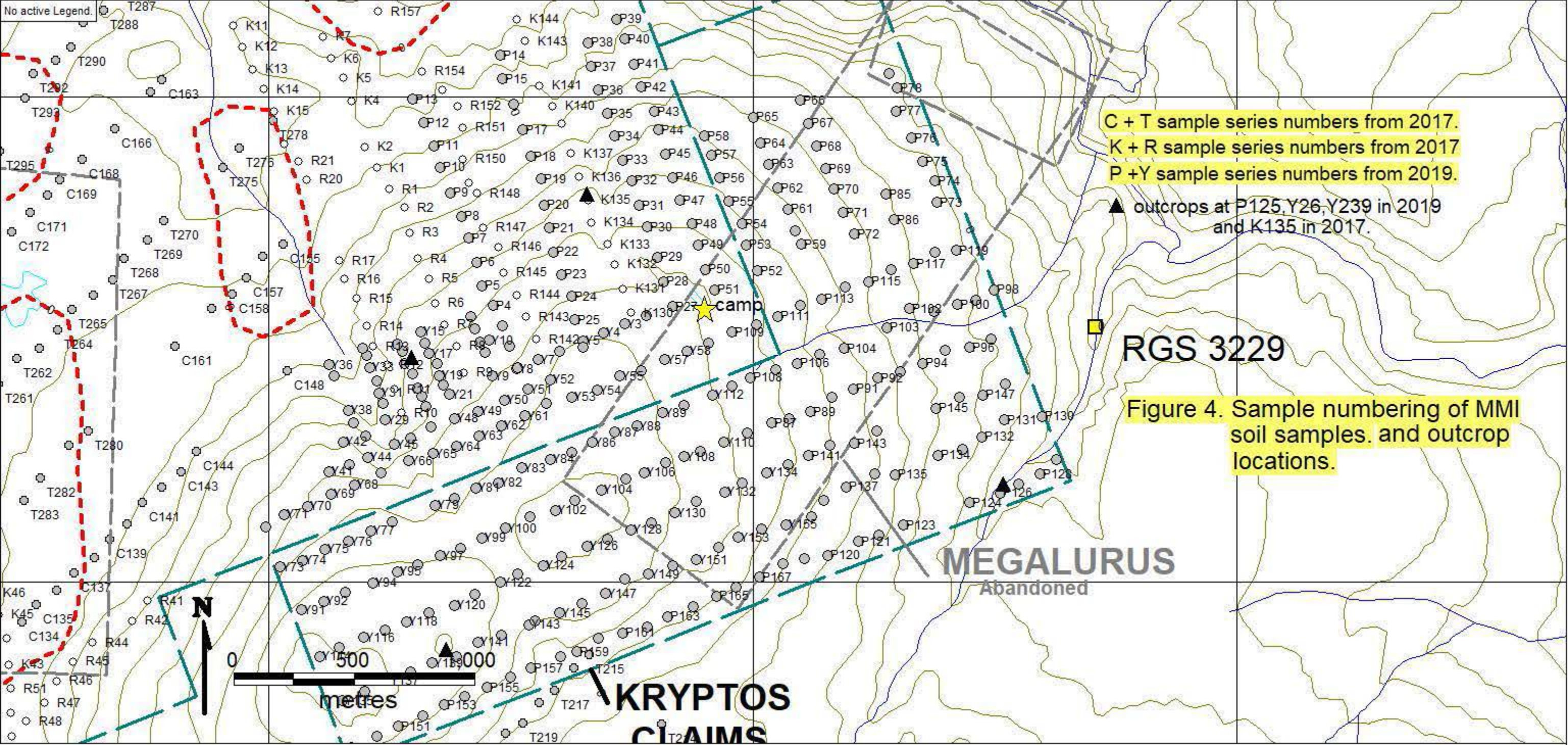
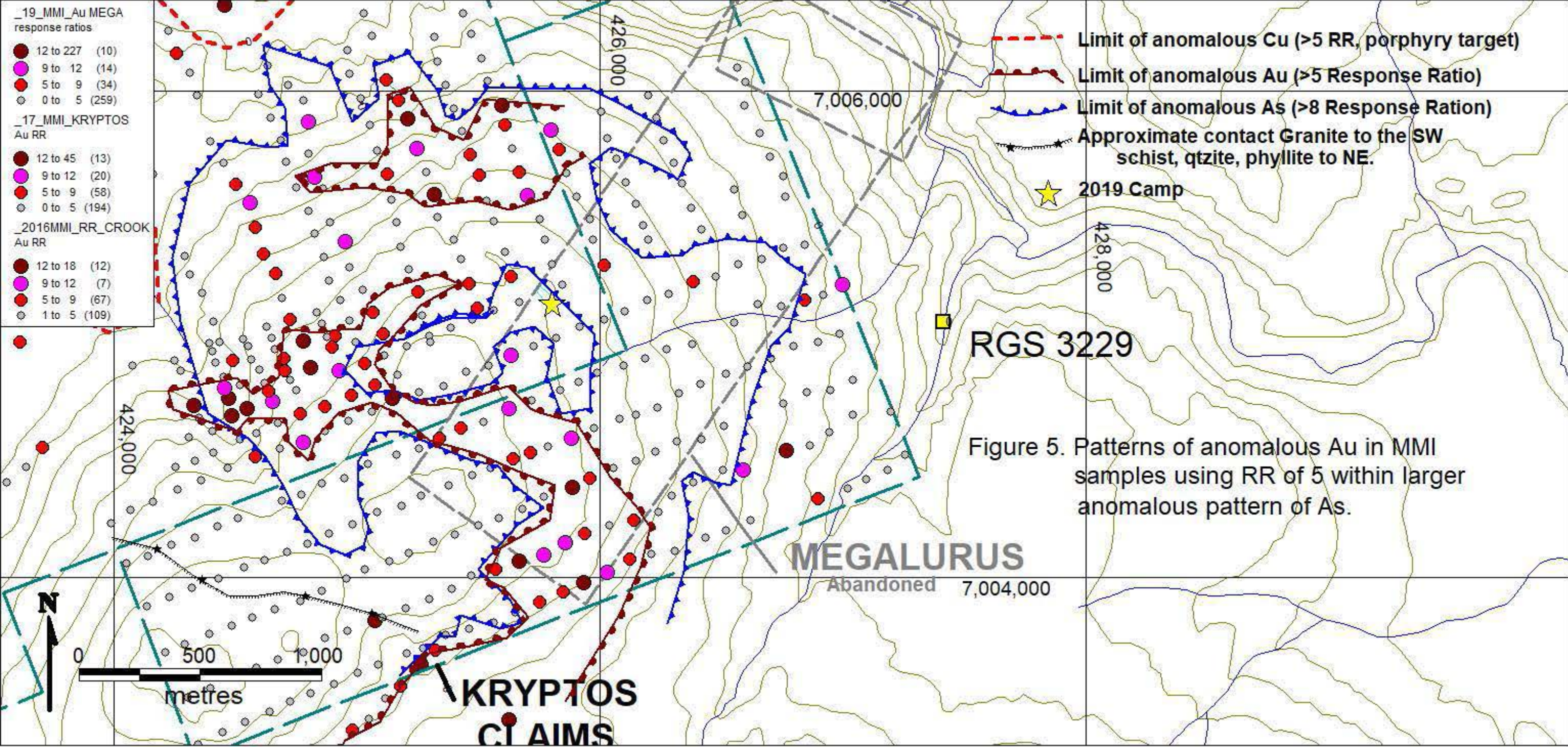
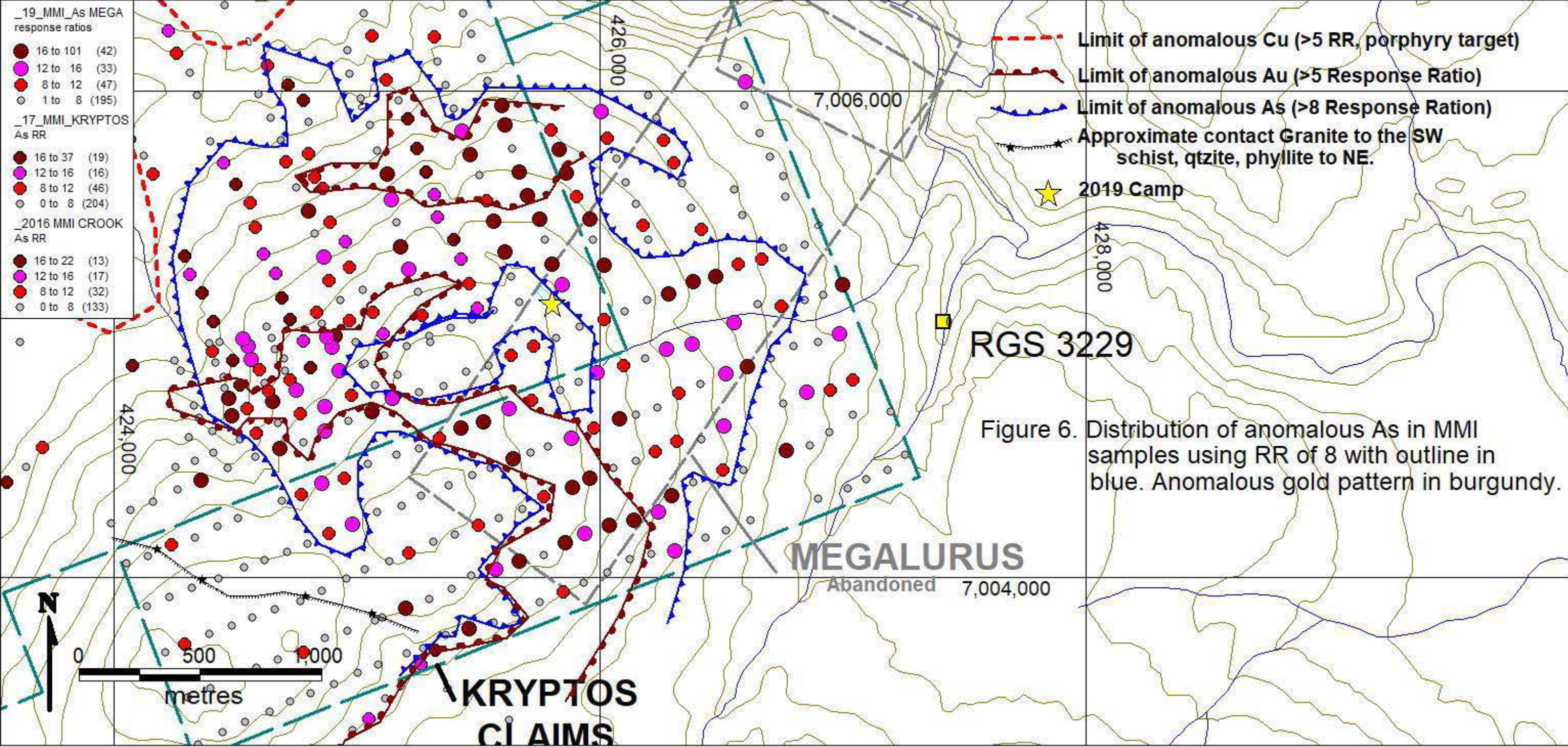
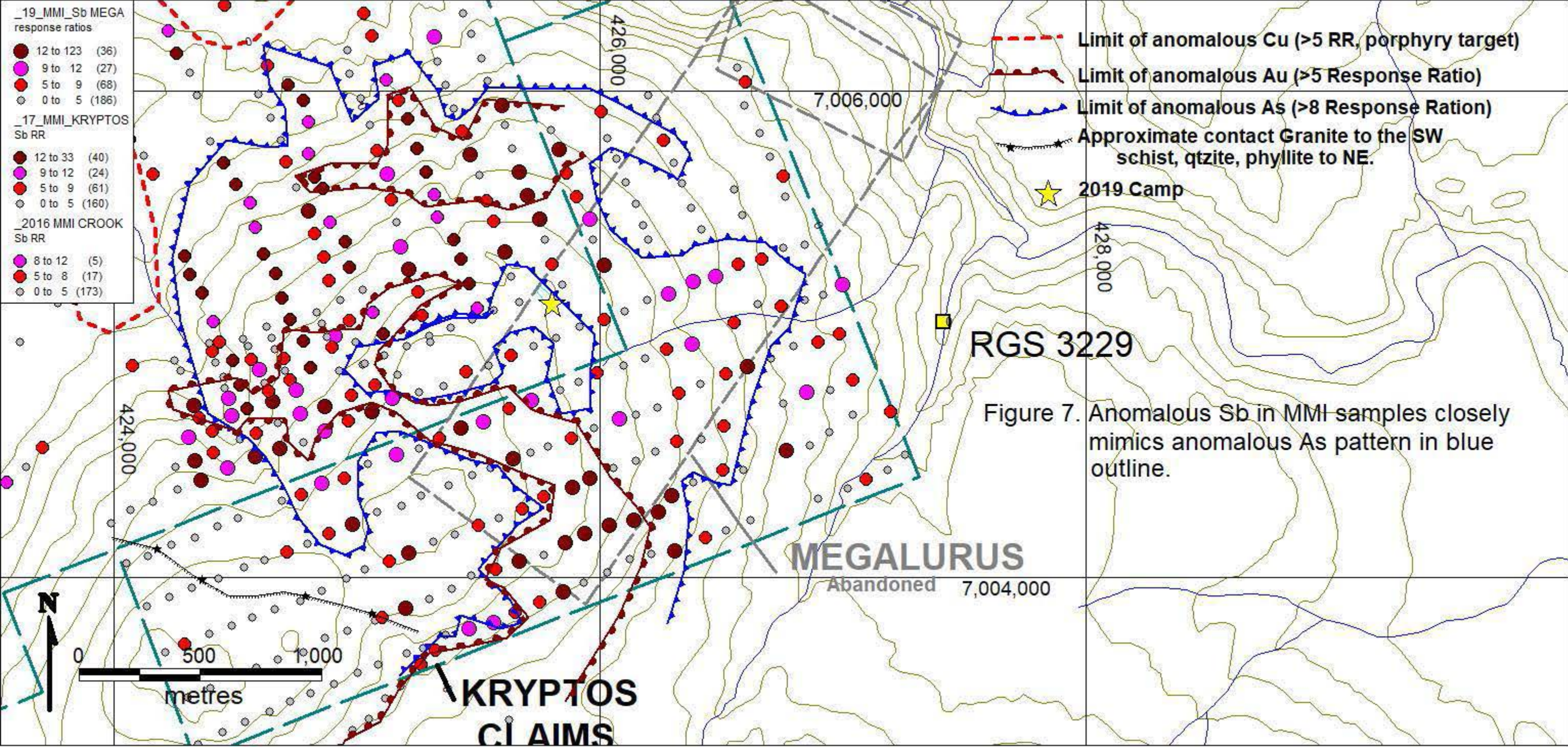
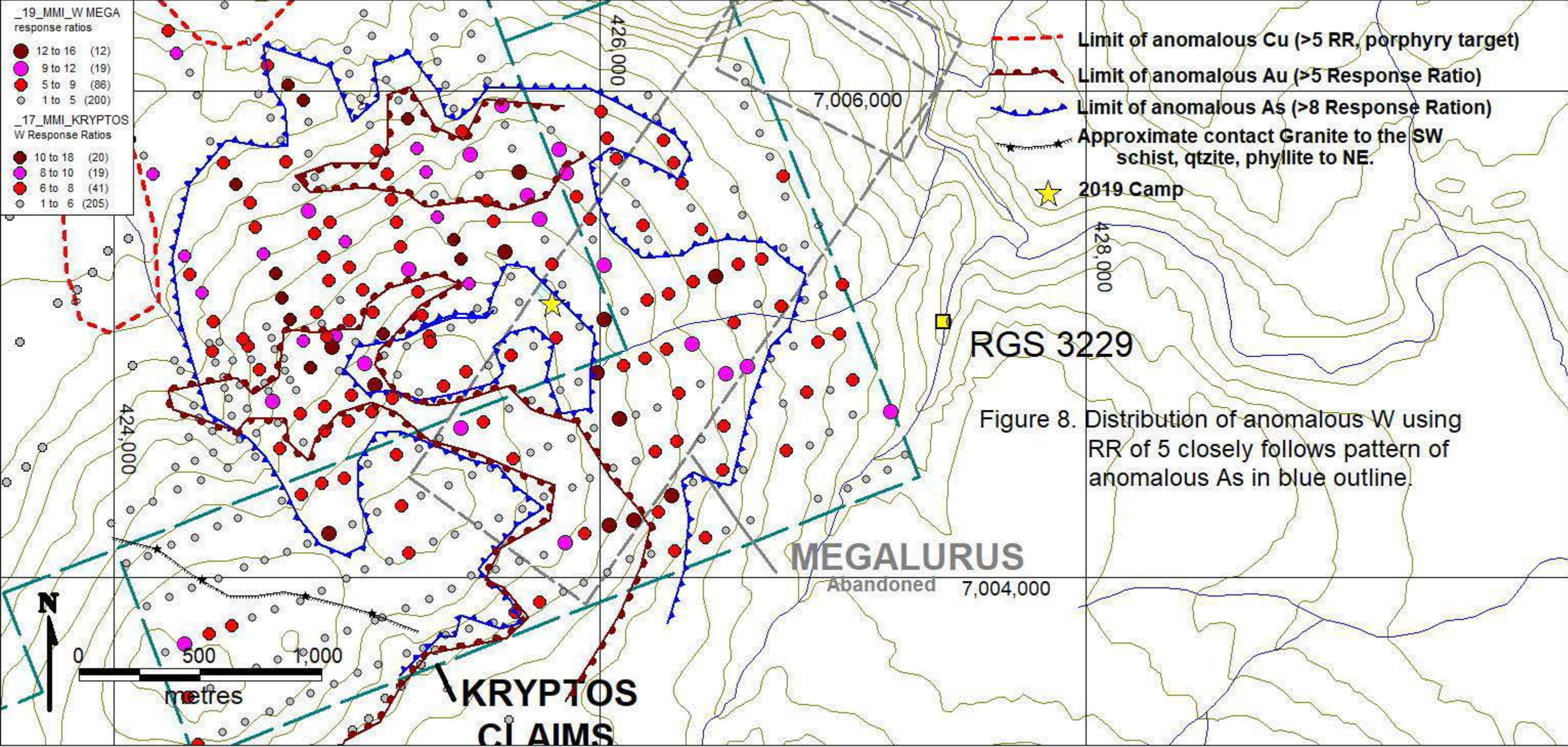


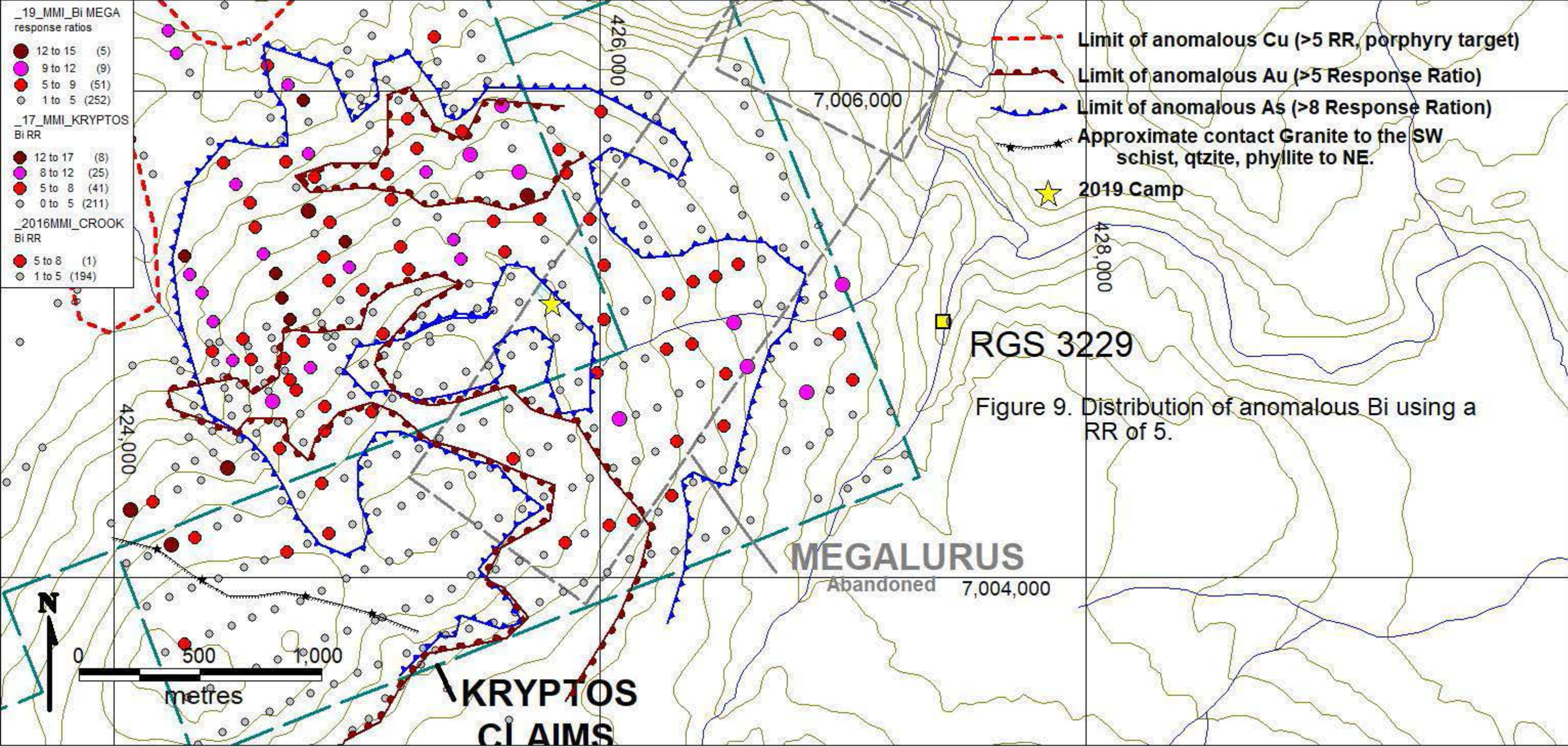
Figure 4. Sample numbering of MMI soil samples, and outcrop locations.











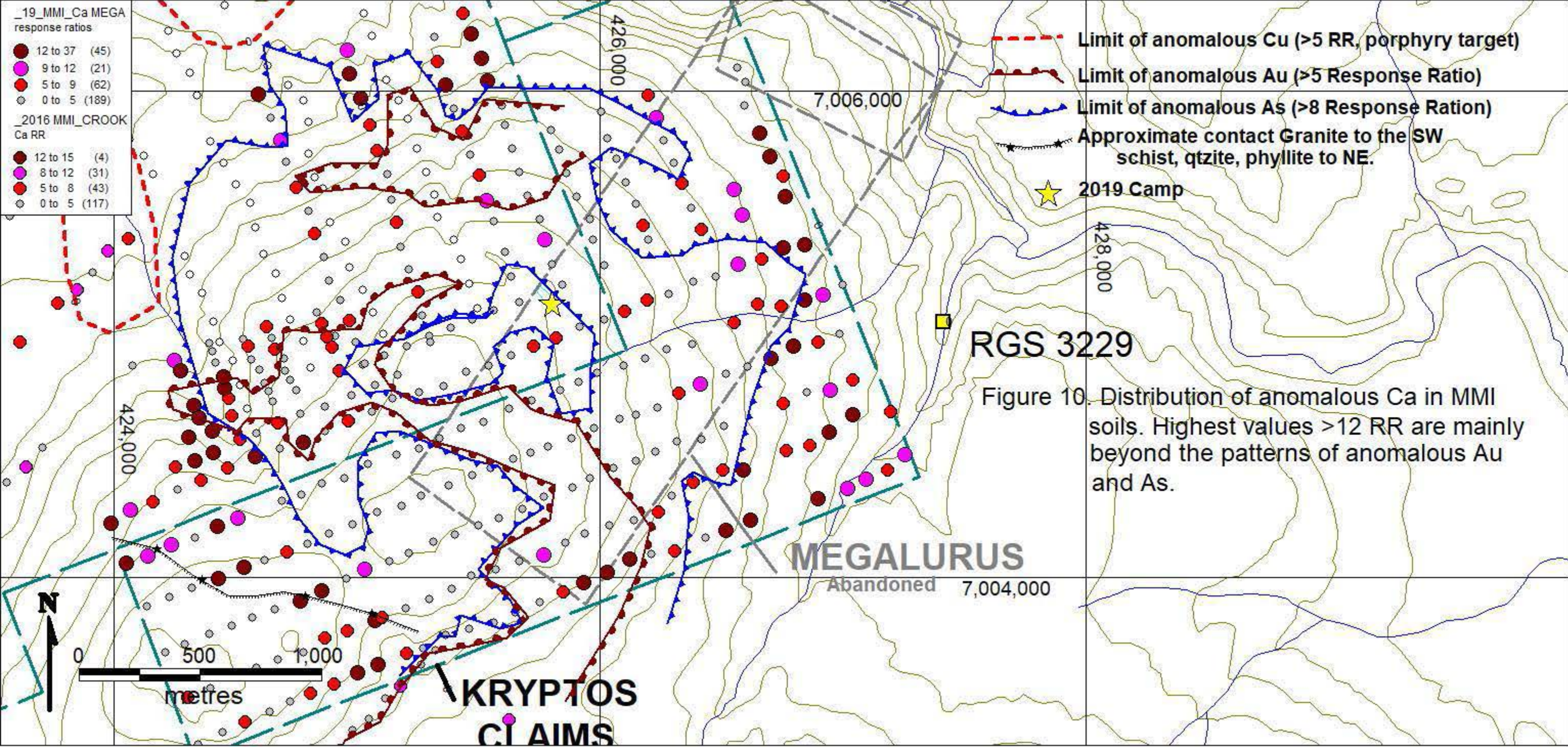


Figure 10. Distribution of anomalous Ca in MMI soils. Highest values >12 RR are mainly beyond the patterns of anomalous Au and As.

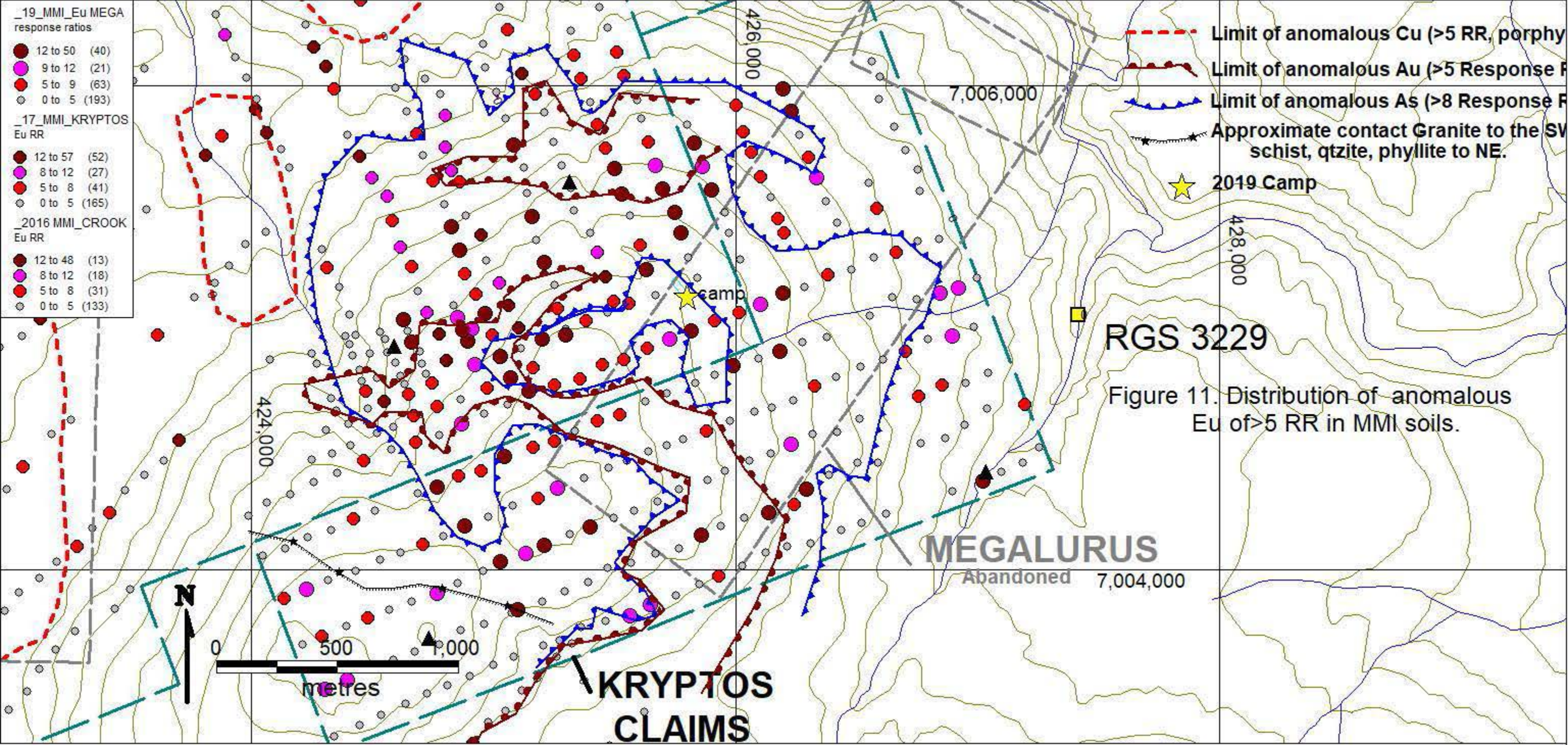


Figure 11. Distribution of anomalous Eu of >5 RR in MMI soils.



ANALYSIS REPORT BBM19-00880

To GORDON RICHARDS
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CANADA

Order Number	MEGA/ 154 of 320 Soil (MMI)	Date Received	26-Aug-2019
Submission Number	MEGA/ 154 of 320 Soil (MMI)	Date Analysed	28-Aug-2019 - 28-Sep-2020
Number of Samples	154	Date Completed	28-Sep-2019
		SGS Order Number	BBM19-00880

Methods Summary

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

Comments

Insufficient material available for re-analysis

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

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Wtkg G_WGH_KG	Ag GE_MMIM	Al GE_MMIM	As GE_MMIM	Au GE_MMIM	Ba GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
Y2	0.14	19.6	284	20	0.3	6770
Y3	0.17	26.4	273	30	0.4	7920
Y4	0.11	64.2	157	10	0.3	7510
Y5	0.18	17.9	222	40	0.4	9580
Y6	0.13	59.1	199	20	0.2	11700
Y7	0.15	41.6	218	20	0.3	5110
Y8	0.14	34.7	255	20	0.2	6850
Y9	0.17	11.9	122	70	1.4	14100
Y10	0.14	17.9	213	140	0.9	11400
Y11	0.18	6.2	115	80	1.1	28500
Y12	0.16	8.6	152	70	0.6	11000
Y13	0.17	6.4	190	40	0.4	10500
Y14	0.22	9.2	306	60	<0.1	5640
Y15	0.16	21.6	149	20	0.2	13200
Y16	0.15	4.5	338	10	0.1	2970
Y17	0.12	14.2	169	20	0.4	19100
Y18	0.17	7.6	214	40	0.7	6150
Y19	0.18	22.7	171	20	0.7	8230
Y20	0.20	14.8	229	50	0.5	6160
Y21	0.16	12.6	186	70	0.4	15100
Y22	0.17	14.5	246	190	1.4	8510
Y23	0.13	6.4	200	50	0.8	6160
Y24	0.14	32.0	204	30	0.3	5840
Y25	0.19	9.3	317	60	0.3	5650
Y26	0.15	10.7	317	70	0.2	4710
Y27	0.12	49.9	199	70	<0.1	13000
Y28	0.14	6.6	311	90	<0.1	5290
Y29	0.18	76.3	46	170	10.1	10700
Y30	0.18	23.4	101	100	2.2	14100
Y31	0.17	109	34	<10	1.5	17700

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 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Wtkg G_WGH_KG	Ag GE_MMIM	Al GE_MMIM	As GE_MMIM	Au GE_MMIM	Ba GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
Y32	0.14	12.5	23	<10	0.2	3110
Y33	0.16	48.6	253	20	0.2	5640
Y34	0.12	61.5	333	60	0.1	11400
Y35	0.13	11.4	325	40	<0.1	8300
Y36	0.19	6.5	79	20	0.1	8280
Y37	0.20	11.6	53	<10	0.2	9960
Y38	0.14	23.5	12	40	30.3	1990
Y39	0.18	18.5	27	<10	0.4	2000
Y40	0.17	11.7	14	<10	0.5	1300
Y41	0.15	4.9	189	10	0.1	4820
Y42	0.22	19.0	20	<10	0.5	4160
Y43	0.21	17.2	15	10	0.4	10800
Y44	0.22	17.7	49	<10	0.1	4250
Y45	0.26	23.9	156	20	0.4	12100
Y46	0.18	16.0	284	50	0.1	5190
Y47	0.21	32.7	110	30	0.4	17500
Y48	0.16	8.9	160	60	0.8	17100
Y49	0.22	15.5	227	90	0.9	10000
Y50	0.15	9.9	236	50	0.9	7720
Y51	0.14	38.7	188	40	0.7	15900
Y52	0.15	18.3	216	30	0.3	5620
Y53	0.12	38.3	154	20	0.2	9830
Y54	0.15	26.5	198	30	0.2	7870
Y55	0.26	19.6	241	40	0.4	10700
Y56	0.12	38.1	175	20	0.3	11700
Y57	0.12	34.3	215	60	1.2	8560
Y58	0.18	9.1	164	60	0.5	11100
Y59	0.20	16.7	139	20	0.3	16400
Y60	0.13	6.4	179	80	1.8	10100
Y61	0.20	9.7	179	100	0.6	11300

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 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y62	0.15	18.5	102	40	0.6	22200
Y63	0.13	7.6	176	70	0.3	27100
Y64	0.16	43.1	52	<10	1.2	31000
Y65	0.18	11.7	205	120	0.5	10300
Y66	0.12	6.4	21	20	0.8	13400
Y67	0.19	18.4	84	40	0.3	10500
Y68	0.15	5.4	96	170	0.3	12000
Y69	0.15	9.6	232	<10	<0.1	13100
Y70	0.18	15.0	121	10	0.2	8460
Y71	0.17	107	66	10	0.3	7050
Y72	0.16	18.0	47	<10	0.1	9080
Y73	0.16	22.5	67	<10	0.2	7590
Y74	0.26	6.9	77	<10	<0.1	10300
Y75	0.20	28.3	44	60	0.3	10200
Y76	0.19	8.3	206	30	0.1	6710
Y77	0.19	120	66	<10	0.4	40800
Y78	0.17	17.4	70	<10	0.3	10400
Y79	0.24	4.6	176	20	0.1	7180
Y80	0.20	5.4	187	60	0.2	15400
Y81	0.17	7.2	260	80	0.4	8720
Y82	0.17	13.7	228	60	0.2	9140
Y83	0.15	8.8	124	20	0.2	24600
Y84	0.14	13.2	219	40	0.3	42500
Y85	0.16	10.0	216	30	0.5	14100
Y86	0.10	12.2	229	60	0.7	15100
Y87	0.17	9.9	286	240	1.1	31200
Y88	0.14	9.0	158	100	0.6	85200
Y89	0.14	19.3	260	70	1.2	21000
Y90	0.13	18.3	257	60	0.6	9900
Y91	0.15	4.3	222	20	<0.1	10700

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 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y92	0.12	1.7	186	20	<0.1	7460
Y93	0.15	2.6	208	<10	<0.1	5600
Y94	0.15	9.6	102	<10	0.2	15900
Y95	0.20	25.4	71	<10	0.2	13800
Y96	0.19	4.9	179	<10	0.2	6700
Y97	0.18	7.9	95	30	0.3	36900
Y98	0.15	9.0	160	20	0.2	15000
Y99	0.16	11.0	199	60	0.2	20700
Y100	0.16	4.1	199	70	0.2	18000
Y101	0.12	42.7	178	<10	0.2	7040
Y102	0.13	16.5	171	30	0.2	6990
Y103	0.12	33.4	175	10	0.2	11900
Y104	0.16	25.4	214	<10	0.1	4820
Y105	0.14	32.0	204	10	0.2	11300
Y106	0.14	14.5	232	20	0.4	12100
Y107	0.16	10.1	287	340	0.9	11400
Y108	0.16	30.3	274	20	0.7	6540
Y109	0.17	10.7	313	40	0.2	5690
Y110	0.14	9.5	260	70	1.3	9610
Y111	0.14	9.1	199	50	0.6	9900
Y112	0.17	11.5	191	20	0.3	11700
Y113	0.17	14.9	204	30	0.5	9740
Y114	0.15	4.4	266	<10	<0.1	7920
Y115	0.14	4.3	249	60	0.2	17700
Y116	0.14	5.3	298	30	0.1	9640
Y117	0.15	3.5	217	30	0.2	12000
Y118	0.12	4.9	141	10	<0.1	6920
Y119	0.14	8.9	142	<10	0.3	6710
Y120	0.16	13.6	79	<10	0.1	47100
Y121	0.13	17.0	45	<10	0.4	27200

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ANALYSIS REPORT BBM19-00880

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
Y122	0.13	6.1	192	<10	0.1	8400
Y123	0.17	8.7	89	<10	0.5	40100
Y124	0.14	58.2	231	30	0.3	11400
Y125	0.14	26.3	194	60	0.3	12100
Y126	0.12	32.6	195	20	0.2	9400
Y127	0.10	45.2	184	<10	0.5	17400
Y128	0.10	29.2	196	50	0.5	10600
Y129	0.17	43.7	224	20	0.3	12200
Y130	0.13	12.4	204	20	0.5	47500
Y131	0.14	7.4	229	60	0.3	13500
Y132	0.20	11.6	282	170	1.6	10500
Y133	0.13	23.4	253	190	0.8	15300
Y134	0.15	17.5	295	20	0.2	6470
Y135	0.12	21.6	187	20	0.3	19800
Y136	0.11	21.5	177	<10	0.2	16900
Y137	0.11	12.3	243	20	0.2	8950
Y138	0.13	10.5	138	<10	0.2	7190
Y139	0.11	125	246	20	0.4	14200
Y140	0.11	11.6	274	50	<0.1	9980
Y141	0.16	15.8	243	20	0.2	10600
Y142	0.11	5.7	281	20	<0.1	10700
Y143	0.16	30.2	51	<10	2.4	12600
Y144	0.14	13.5	155	40	0.4	10300
Y145	0.14	16.8	259	240	0.3	16800
Y146	0.15	12.3	227	20	0.2	9840
Y147	0.13	120	295	30	0.1	7670
Y148	0.09	36.8	262	20	0.1	16400
Y149	0.11	41.2	266	70	0.8	6780
Y150	0.13	36.8	285	100	3.1	5950
Y151	0.15	18.8	148	<10	1.2	14600

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y152	0.18	15.7	164	130	1.5	22400
Y153	0.13	41.5	296	90	0.8	13700
Y154	0.13	24.3	292	130	0.3	10200
Y155	0.14	43.9	258	150	0.8	21300
*Rep Y146	-	11.5	231	10	0.3	9230
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Std AMIS0169	-	9.1	66	<10	0.3	1170
*Rep Y95	-	25.0	71	<10	0.3	14100
*Blk BLANK	-	<0.5	<1	<10	<0.1	20
*Std AMIS0169	-	8.2	56	<10	0.4	1050
*Rep Y130	-	13.1	217	20	0.5	50300
*Rep Y16	-	5.6	333	30	0.2	3060
*Rep Y27	-	70.6	214	70	0.1	11400
*Std AMIS0169	-	5.9	48	10	0.3	870
*Rep Y35	-	8.6	287	40	<0.1	7020
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep Y49	-	18.4	221	100	1.0	10000
*Std AMIS0169	-	6.8	45	<10	0.4	970
*Rep Y68	-	5.0	98	160	0.5	11800
*Rep Y87	-	10.9	297	230	1.3	31300

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
Y2	<0.5	27	3	843	43	<100
Y3	<0.5	28	5	352	61	<100
Y4	<0.5	50	3	802	47	<100

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 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y5	0.9	58	1	629	42	100
Y6	<0.5	67	3	2560	37	<100
Y7	<0.5	26	7	163	52	<100
Y8	<0.5	56	3	879	103	<100
Y9	<0.5	139	3	935	16	<100
Y10	0.9	104	4	1640	52	<100
Y11	0.6	189	5	1820	14	<100
Y12	1.1	137	2	2000	36	<100
Y13	0.7	150	4	825	116	<100
Y14	1.1	34	5	207	87	100
Y15	<0.5	145	1	2070	30	<100
Y16	<0.5	16	14	37	288	<100
Y17	<0.5	154	2	3110	117	<100
Y18	1.2	61	6	540	60	<100
Y19	<0.5	27	2	38	63	<100
Y20	1.2	33	10	174	55	<100
Y21	1.2	90	12	1090	154	<100
Y22	2.4	39	5	1300	233	200
Y23	<0.5	89	6	155	44	<100
Y24	0.6	33	6	481	70	<100
Y25	0.8	18	16	155	94	<100
Y26	1.3	22	20	67	112	<100
Y27	0.8	133	52	295	142	100
Y28	1.3	21	8	154	114	100
Y29	<0.5	139	13	244	56	<100
Y30	0.7	179	8	500	39	<100
Y31	<0.5	539	5	63	3	<100
Y32	<0.5	855	15	16	30	<100
Y33	<0.5	26	44	95	87	<100
Y34	1.3	11	73	302	208	<100

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Order Number MEGA/ 154 of 320 Soil (MMI)
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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
Y35	0.6	34	6	133	109	100
Y36	<0.5	256	20	195	74	<100
Y37	<0.5	434	7	75	155	<100
Y38	<0.5	619	3	46	31	<100
Y39	<0.5	586	14	71	9	<100
Y40	<0.5	683	20	40	4	<100
Y41	0.7	160	6	160	136	<100
Y42	<0.5	587	12	137	285	<100
Y43	<0.5	455	4	240	504	<100
Y44	<0.5	551	33	181	82	<100
Y45	<0.5	207	27	281	562	<100
Y46	0.9	31	6	71	65	<100
Y47	<0.5	140	5	802	75	<100
Y48	1.1	92	11	825	106	<100
Y49	1.5	40	6	539	20	100
Y50	0.8	39	4	616	62	<100
Y51	0.6	91	2	3330	71	<100
Y52	<0.5	27	3	1060	33	<100
Y53	<0.5	44	2	1160	25	<100
Y54	<0.5	57	2	1060	31	<100
Y55	0.9	40	6	1150	59	100
Y56	<0.5	64	4	1550	41	<100
Y57	0.7	86	6	600	37	<100
Y58	0.6	137	3	928	69	<100
Y59	<0.5	134	4	2220	128	<100
Y60	0.8	71	2	2020	36	<100
Y61	1.4	53	8	388	149	100
Y62	0.5	218	6	355	71	<100
Y63	1.3	93	5	1260	178	<100
Y64	<0.5	561	3	309	14	<100

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 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y65	1.5	80	2	1270	58	<100
Y66	<0.5	363	5	70	278	<100
Y67	3.1	153	22	664	810	<100
Y68	1.0	187	3	421	242	<100
Y69	0.7	99	19	340	143	<100
Y70	1.7	156	16	217	61	<100
Y71	3.7	305	40	406	73	<100
Y72	<0.5	467	18	87	11	<100
Y73	<0.5	453	23	634	31	<100
Y74	<0.5	275	6	913	505	<100
Y75	3.1	301	4	138	41	<100
Y76	1.3	30	10	167	116	<100
Y77	<0.5	410	28	1070	31	<100
Y78	<0.5	290	7	359	36	<100
Y79	0.5	66	5	136	40	<100
Y80	0.8	82	4	2190	159	<100
Y81	1.5	33	5	644	62	<100
Y82	1.1	49	3	1050	76	100
Y83	<0.5	37	5	1630	29	<100
Y84	0.7	45	6	1040	89	<100
Y85	<0.5	39	3	1310	35	<100
Y86	<0.5	9	10	626	129	<100
Y87	0.9	89	3	1370	56	200
Y88	1.0	54	4	1680	53	100
Y89	0.5	30	4	354	40	<100
Y90	1.1	30	4	139	68	<100
Y91	0.6	35	4	1140	68	<100
Y92	0.5	44	2	1690	21	<100
Y93	<0.5	12	3	164	78	<100
Y94	<0.5	437	6	281	231	<100

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ANALYSIS REPORT BBM19-00880

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
Y95	<0.5	351	13	394	28	<100
Y96	<0.5	62	9	185	154	<100
Y97	1.5	133	3	1680	213	<100
Y98	<0.5	104	6	179	67	<100
Y99	1.4	108	4	3220	152	<100
Y100	1.0	60	8	462	96	<100
Y101	<0.5	49	3	472	32	<100
Y102	0.5	58	<1	664	23	<100
Y103	<0.5	66	3	1650	53	<100
Y104	<0.5	32	3	308	23	<100
Y105	<0.5	43	2	522	38	<100
Y106	<0.5	42	2	710	30	<100
Y107	1.3	37	4	466	64	100
Y108	<0.5	52	6	127	46	<100
Y109	<0.5	31	6	227	66	<100
Y110	1.1	34	4	1250	77	<100
Y111	1.0	58	8	671	71	<100
Y112	<0.5	27	8	356	68	<100
Y113	1.0	39	16	162	67	<100
Y114	<0.5	16	5	55	178	<100
Y115	1.4	37	3	1630	162	200
Y116	<0.5	23	3	231	104	<100
Y117	<0.5	48	3	1300	74	<100
Y118	<0.5	103	1	286	31	<100
Y119	<0.5	84	4	473	35	<100
Y120	<0.5	702	3	626	16	<100
Y121	<0.5	677	2	224	32	<100
Y122	<0.5	126	5	118	45	<100
Y123	<0.5	267	3	3460	92	<100
Y124	<0.5	58	5	906	43	<100

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y125	0.6	80	2	2990	103	<100
Y126	<0.5	108	5	605	33	<100
Y127	<0.5	93	1	2950	60	<100
Y128	<0.5	58	3	369	44	<100
Y129	<0.5	28	3	325	58	<100
Y130	<0.5	55	44	356	102	<100
Y131	<0.5	48	2	385	51	<100
Y132	0.7	31	3	531	42	<100
Y133	0.5	84	7	417	42	<100
Y134	<0.5	25	4	435	37	<100
Y135	<0.5	133	2	1560	48	<100
Y136	<0.5	57	2	1620	62	<100
Y137	<0.5	22	4	151	73	<100
Y138	<0.5	68	3	314	18	<100
Y139	0.7	91	4	282	57	<100
Y140	<0.5	76	6	29	37	<100
Y141	<0.5	157	5	230	68	<100
Y142	<0.5	129	6	78	221	<100
Y143	<0.5	461	3	85	24	<100
Y144	0.7	142	2	1270	75	<100
Y145	<0.5	104	3	87	51	<100
Y146	<0.5	106	3	142	58	<100
Y147	<0.5	26	7	110	99	<100
Y148	<0.5	43	5	38	35	<100
Y149	<0.5	17	6	89	46	<100
Y150	<0.5	28	4	161	57	<100
Y151	<0.5	281	9	252	112	<100
Y152	1.7	117	8	2030	139	200
Y153	0.7	56	6	261	71	100
Y154	1.5	62	7	351	68	200

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y155	1.3	124	7	1790	194	200
*Rep Y146	<0.5	95	3	180	69	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	39	2	801	106	100
*Rep Y95	<0.5	362	14	385	28	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	36	2	820	102	<100
*Rep Y130	<0.5	52	48	368	113	<100
*Rep Y16	<0.5	15	15	50	295	<100
*Rep Y27	0.9	120	53	196	130	100
*Std AMIS0169	<0.5	33	1	638	71	<100
*Rep Y35	0.6	24	7	100	149	<100
*Blk BLANK	<0.5	<2	<1	3	<1	<100
*Blk BLANK	<0.5	<2	<1	4	<1	<100
*Rep Y49	1.6	40	6	598	22	100
*Std AMIS0169	<0.5	30	1	713	79	<100
*Rep Y68	1.0	198	4	431	263	<100
*Rep Y87	0.8	98	3	1360	76	200

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	ppb	ppb	ppb	ppb	ppb	ppm m / m
Y2	2.6	310	93.0	44.2	25.7	55
Y3	2.5	280	55.8	25.1	12.0	65
Y4	1.2	260	97.3	46.4	25.3	35
Y5	7.1	200	47.4	21.3	13.7	128
Y6	1.0	420	317	161	79.5	37
Y7	1.7	150	24.9	14.0	6.3	74

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Cs GE_MMIM	Cu GE_MMIM	Dy GE_MMIM	Er GE_MMIM	Eu GE_MMIM	Fe GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
Y8	1.0	290	137	71.1	32.5	44
Y9	1.9	370	192	106	50.0	46
Y10	4.0	450	200	101	55.7	115
Y11	1.4	870	407	240	106	53
Y12	1.7	1080	265	145	73.4	81
Y13	0.9	1400	234	130	51.3	145
Y14	5.0	260	27.4	12.6	6.4	155
Y15	0.7	270	260	131	67.7	35
Y16	0.5	150	26.6	16.8	3.5	81
Y17	1.1	260	241	88.8	63.0	36
Y18	3.0	1280	76.7	40.8	18.2	192
Y19	1.9	2080	12.3	13.2	2.1	291
Y20	3.7	1140	47.1	26.8	8.3	194
Y21	1.8	1000	164	86.5	39.2	100
Y22	7.5	980	122	58.3	31.2	231
Y23	1.5	180	24.6	12.6	5.8	122
Y24	2.7	320	54.7	24.7	14.3	85
Y25	4.9	330	28.7	16.2	5.7	134
Y26	4.0	300	22.9	13.7	3.4	163
Y27	3.0	340	26.9	12.8	6.9	122
Y28	4.2	210	22.5	10.8	5.7	180
Y29	4.8	500	79.0	53.3	19.5	54
Y30	5.8	250	104	60.4	25.7	69
Y31	0.5	750	32.5	18.3	9.6	13
Y32	0.5	220	15.4	9.0	4.2	7
Y33	1.1	630	46.7	28.6	6.1	113
Y34	4.3	750	39.1	24.1	6.9	170
Y35	2.4	200	22.8	10.8	5.2	108
Y36	0.8	250	26.3	13.2	6.9	87
Y37	0.4	430	14.3	7.2	3.8	63

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y38	0.2	590	17.8	11.7	5.4	30
Y39	0.3	550	14.4	7.7	3.3	56
Y40	0.2	390	16.9	11.8	3.5	30
Y41	2.1	130	24.4	13.1	5.7	92
Y42	<0.2	1830	17.3	13.0	4.8	71
Y43	0.4	2450	44.0	30.0	11.1	99
Y44	0.2	1300	55.3	34.6	11.2	56
Y45	0.8	800	56.9	36.2	10.0	120
Y46	4.5	140	15.4	8.9	2.9	123
Y47	1.8	290	102	50.2	24.9	52
Y48	2.9	1090	166	101	34.2	126
Y49	7.6	670	63.5	28.5	14.3	152
Y50	4.5	380	101	44.2	22.5	100
Y51	1.2	290	513	295	127	84
Y52	3.3	260	101	43.1	26.2	81
Y53	1.2	340	148	72.3	36.3	43
Y54	2.6	200	119	60.6	30.3	85
Y55	5.1	360	130	62.5	32.3	106
Y56	1.0	320	212	112	42.1	42
Y57	1.8	310	140	80.5	30.2	87
Y58	1.5	750	234	137	47.5	74
Y59	0.7	430	345	179	78.0	51
Y60	2.1	330	250	119	62.1	89
Y61	5.3	220	33.0	15.4	7.2	140
Y62	2.6	620	85.0	46.3	20.1	83
Y63	2.5	490	172	88.7	43.1	113
Y64	0.2	1170	73.9	41.5	16.7	22
Y65	5.9	520	125	55.3	31.8	129
Y66	0.3	1770	11.1	6.8	2.8	215
Y67	3.2	4120	142	96.1	27.9	277

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y68	5.2	420	51.6	24.8	12.6	142
Y69	0.7	290	75.4	37.6	13.6	76
Y70	2.7	420	38.8	18.4	6.8	148
Y71	0.7	1680	56.4	34.5	11.9	56
Y72	<0.2	290	33.6	19.6	7.3	43
Y73	0.3	200	40.7	17.7	11.8	25
Y74	0.8	290	74.8	40.4	21.3	51
Y75	3.8	740	35.3	17.7	8.1	115
Y76	3.2	330	33.5	21.2	6.9	157
Y77	0.4	650	108	63.9	24.5	49
Y78	1.4	910	70.3	39.8	14.7	62
Y79	1.9	160	20.9	9.0	5.0	149
Y80	2.3	520	243	126	64.0	91
Y81	8.8	660	110	52.0	24.0	157
Y82	8.8	390	114	52.8	27.7	136
Y83	1.4	410	237	111	61.5	48
Y84	4.5	430	114	48.1	26.2	94
Y85	3.2	240	136	55.6	32.5	62
Y86	1.7	400	69.3	31.3	12.4	68
Y87	4.4	430	119	52.6	31.9	169
Y88	3.5	450	87.6	33.0	27.1	97
Y89	3.2	210	50.1	22.9	11.0	88
Y90	6.7	220	20.3	9.5	4.3	118
Y91	1.8	440	92.7	33.4	27.1	55
Y92	2.1	250	161	79.6	42.4	69
Y93	1.4	170	19.7	9.2	4.4	32
Y94	<0.2	2090	90.0	54.4	16.5	208
Y95	0.7	1580	95.2	62.5	18.8	61
Y96	1.1	320	53.1	29.5	11.1	159
Y97	2.8	670	119	54.1	32.3	84

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y98	2.2	290	21.8	13.5	5.8	76
Y99	1.6	300	305	153	89.2	115
Y100	4.7	190	31.5	14.6	8.8	112
Y101	1.2	370	53.8	24.4	13.8	24
Y102	1.5	310	108	57.6	25.5	76
Y103	2.1	420	222	108	55.1	51
Y104	2.1	180	40.9	20.9	10.4	46
Y105	2.0	200	45.5	19.4	9.0	30
Y106	2.0	320	87.6	39.7	19.9	51
Y107	11.6	280	28.3	14.5	7.0	137
Y108	2.0	250	29.6	18.3	4.6	34
Y109	1.9	110	29.0	16.0	5.2	57
Y110	9.1	750	142	76.2	31.6	121
Y111	3.0	740	86.1	42.7	18.7	126
Y112	1.9	540	77.1	38.3	15.1	121
Y113	1.3	260	19.3	11.1	4.4	147
Y114	1.0	110	12.1	8.0	2.0	75
Y115	3.6	450	95.4	39.2	23.5	175
Y116	3.3	170	32.1	16.0	6.3	124
Y117	2.8	320	107	47.2	29.5	92
Y118	0.7	110	43.4	23.8	10.0	44
Y119	1.6	370	47.4	21.0	13.6	17
Y120	0.8	320	130	74.1	44.9	30
Y121	<0.2	720	58.5	39.1	13.0	37
Y122	0.8	90	14.6	7.8	3.7	85
Y123	0.4	410	446	235	127	16
Y124	3.3	380	265	161	46.9	75
Y125	3.2	350	350	182	84.1	84
Y126	1.7	320	77.2	38.0	18.2	59
Y127	1.1	710	418	192	87.9	32

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Cs GE_MMIM	Cu GE_MMIM	Dy GE_MMIM	Er GE_MMIM	Eu GE_MMIM	Fe GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
Y128	3.8	310	48.7	23.4	11.4	85
Y129	1.6	300	57.2	30.2	11.5	52
Y130	1.8	350	81.2	45.9	14.0	109
Y131	2.4	290	59.2	26.1	13.0	56
Y132	9.9	730	94.7	44.2	16.6	114
Y133	5.1	360	111	64.5	21.4	95
Y134	1.3	280	61.7	29.5	12.0	53
Y135	1.5	710	197	87.0	51.5	45
Y136	0.7	860	285	131	55.7	25
Y137	2.0	380	27.2	11.6	5.4	43
Y138	1.2	520	48.1	19.1	11.3	16
Y139	1.9	360	40.0	18.2	8.8	48
Y140	2.9	210	8.8	5.0	2.1	168
Y141	1.5	240	27.3	14.1	6.7	82
Y142	2.1	120	21.3	13.0	5.1	150
Y143	1.3	820	29.5	14.3	7.3	23
Y144	2.2	300	244	143	65.5	97
Y145	6.3	240	50.3	31.1	10.9	121
Y146	1.3	180	35.4	20.7	7.7	56
Y147	2.5	260	28.0	16.2	5.4	79
Y148	1.2	200	13.2	7.4	2.7	72
Y149	3.2	180	24.2	12.7	4.1	92
Y150	5.5	200	35.4	18.9	6.6	92
Y151	0.9	770	137	75.4	22.1	120
Y152	2.6	670	202	82.5	60.0	133
Y153	3.7	320	35.4	15.6	8.6	117
Y154	3.3	330	40.7	18.4	10.1	171
Y155	2.6	550	250	133	66.0	161
*Rep Y146	1.2	180	35.8	20.1	7.6	48
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Cs GE_MMIM	Cu GE_MMIM	Dy GE_MMIM	Er GE_MMIM	Eu GE_MMIM	Fe GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
*Std AMIS0169	7.3	3670	28.5	12.1	10.9	44
*Rep Y95	0.6	1460	95.8	59.5	19.3	56
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Std AMIS0169	6.2	3500	26.0	11.9	9.9	44
*Rep Y130	1.7	380	86.2	48.1	14.4	110
*Rep Y16	0.9	180	26.6	15.5	3.8	110
*Rep Y27	2.5	320	24.3	11.8	5.9	133
*Std AMIS0169	7.0	2770	22.1	9.7	8.7	35
*Rep Y35	1.8	250	25.6	11.2	4.7	101
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep Y49	7.9	680	70.8	30.8	16.5	148
*Std AMIS0169	5.7	2680	23.8	9.3	9.1	35
*Rep Y68	4.9	450	50.6	25.1	12.1	137
*Rep Y87	4.2	420	129	57.0	34.3	177

Element Method	Ga GE_MMIM	Gd GE_MMIM	Hg GE_MMIM	In GE_MMIM	K GE_MMIM	La 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
Y2	12.9	108	<1	0.2	9.0	437
Y3	7.8	44.2	<1	0.2	6.1	184
Y4	11.3	108	<1	0.1	3.7	446
Y5	16.9	51.9	<1	0.2	5.6	354
Y6	23.2	340	<1	0.2	2.3	1330
Y7	4.5	26.0	<1	0.1	8.5	76
Y8	12.9	138	<1	0.2	3.4	461
Y9	12.8	211	<1	<0.1	4.7	811
Y10	26.1	229	<1	0.2	9.2	1100

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y11	19.7	457	2	<0.1	6.1	1190
Y12	20.9	295	<1	0.3	3.1	1140
Y13	13.3	214	<1	0.2	4.7	378
Y14	24.1	26.2	<1	0.2	13.4	123
Y15	16.6	302	<1	<0.1	2.9	920
Y16	7.1	17.2	<1	0.2	8.4	13
Y17	22.5	266	<1	0.1	3.6	1570
Y18	13.2	76.5	<1	0.2	11.1	262
Y19	4.6	8.6	<1	<0.1	12.9	18
Y20	15.2	38.1	<1	0.2	7.6	82
Y21	15.6	175	<1	0.2	11.5	595
Y22	29.8	141	1	0.3	12.0	815
Y23	8.3	23.5	<1	0.2	11.4	79
Y24	12.5	53.5	<1	0.2	7.6	250
Y25	21.5	24.0	<1	0.2	14.2	78
Y26	17.2	15.8	<1	0.3	15.7	31
Y27	17.3	30.4	<1	0.2	42.0	131
Y28	33.5	24.6	<1	0.2	13.3	84
Y29	3.7	87.2	<1	<0.1	12.0	181
Y30	7.3	111	<1	<0.1	11.0	266
Y31	1.7	39.7	<1	<0.1	2.3	47
Y32	0.9	17.4	<1	<0.1	36.3	15
Y33	5.8	28.3	<1	0.2	10.2	35
Y34	25.9	29.9	1	0.2	22.7	117
Y35	16.2	19.5	<1	0.3	25.8	77
Y36	4.2	25.4	<1	<0.1	2.9	74
Y37	2.2	14.5	<1	<0.1	1.5	36
Y38	0.8	18.6	<1	<0.1	2.9	34
Y39	1.1	15.0	<1	<0.1	2.1	29
Y40	0.6	15.1	<1	<0.1	1.9	20

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y41	7.0	23.2	<1	0.2	5.1	65
Y42	2.2	19.3	<1	<0.1	1.9	60
Y43	2.8	41.8	<1	<0.1	3.1	116
Y44	1.7	59.9	<1	<0.1	1.4	75
Y45	4.3	52.9	<1	0.2	9.7	107
Y46	12.9	13.8	<1	0.3	13.2	28
Y47	10.5	118	<1	<0.1	21.4	417
Y48	12.6	174	<1	0.2	8.0	325
Y49	22.4	65.5	<1	0.3	9.7	299
Y50	17.0	97.8	<1	0.3	9.0	291
Y51	27.8	613	<1	0.1	3.1	1620
Y52	18.9	106	<1	0.2	7.4	519
Y53	14.2	161	<1	0.1	4.0	583
Y54	19.4	142	<1	0.1	5.9	501
Y55	21.2	135	<1	0.2	5.9	529
Y56	13.6	209	<1	0.1	2.6	629
Y57	12.9	144	<1	0.2	5.2	305
Y58	11.7	231	<1	0.2	7.5	443
Y59	16.1	386	<1	0.2	4.3	870
Y60	19.9	268	<1	0.2	6.1	908
Y61	16.6	34.4	<1	0.2	14.2	249
Y62	7.5	94.6	<1	<0.1	14.1	158
Y63	20.0	195	<1	0.2	8.5	641
Y64	2.2	81.1	<1	<0.1	10.9	124
Y65	23.1	149	<1	0.2	15.6	646
Y66	1.3	11.6	<1	<0.1	4.7	27
Y67	10.5	121	<1	0.5	4.6	266
Y68	11.9	50.9	<1	0.2	5.2	211
Y69	4.5	59.8	<1	0.3	2.8	106
Y70	6.0	33.0	<1	0.3	4.4	119

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Ga GE_MMIM	Gd GE_MMIM	Hg GE_MMIM	In GE_MMIM	K GE_MMIM	La 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
Y71	3.6	59.9	<1	0.1	3.1	132
Y72	1.2	31.5	<1	<0.1	4.4	30
Y73	3.9	52.7	<1	<0.1	5.7	534
Y74	8.0	93.3	<1	<0.1	7.6	564
Y75	7.1	35.9	<1	<0.1	8.0	71
Y76	8.6	29.2	<1	0.3	5.5	68
Y77	5.4	111	<1	0.2	2.7	307
Y78	3.4	68.6	<1	0.1	2.2	146
Y79	7.1	19.7	<1	0.3	4.6	62
Y80	20.3	302	<1	0.2	6.9	913
Y81	25.3	104	<1	0.2	16.2	314
Y82	25.4	128	<1	0.2	13.5	526
Y83	12.7	274	<1	0.2	4.7	595
Y84	18.3	119	<1	0.2	7.2	536
Y85	16.5	149	<1	0.2	7.0	651
Y86	10.3	58.4	<1	0.2	8.6	308
Y87	29.1	151	<1	0.3	16.8	594
Y88	18.3	117	1	0.2	10.7	700
Y89	12.6	48.2	<1	0.2	8.1	177
Y90	12.7	18.1	<1	0.3	13.3	81
Y91	11.8	102	<1	0.2	2.6	943
Y92	13.4	200	<1	0.2	3.5	1020
Y93	4.2	17.1	<1	0.1	3.1	88
Y94	2.4	74.1	<1	0.2	2.4	169
Y95	3.1	84.3	<1	<0.1	1.9	134
Y96	3.5	48.7	<1	0.3	2.0	80
Y97	14.2	142	<1	0.2	7.9	654
Y98	6.9	25.1	<1	0.1	5.2	78
Y99	28.0	398	<1	0.1	7.9	1660
Y100	9.8	38.9	<1	0.2	9.6	245

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y101	6.7	60.6	<1	0.1	4.9	251
Y102	15.8	117	<1	0.2	3.8	300
Y103	15.0	238	<1	0.2	9.0	689
Y104	7.0	47.4	<1	<0.1	10.2	141
Y105	6.6	43.2	<1	0.1	7.6	368
Y106	11.8	86.5	<1	0.2	12.4	393
Y107	22.8	32.4	<1	0.2	19.3	273
Y108	8.9	24.0	<1	0.1	10.2	50
Y109	10.3	27.2	<1	0.1	9.2	93
Y110	20.0	155	<1	0.3	15.0	606
Y111	13.8	92.5	<1	0.3	10.7	325
Y112	8.5	69.9	<1	0.2	6.7	141
Y113	8.1	19.9	<1	0.2	13.1	86
Y114	6.9	8.5	<1	0.1	4.0	22
Y115	25.7	110	<1	0.2	8.4	710
Y116	15.1	26.7	<1	0.2	10.1	100
Y117	17.7	129	<1	0.2	9.8	736
Y118	7.7	47.1	<1	<0.1	2.0	151
Y119	4.2	59.2	<1	0.1	1.7	232
Y120	4.8	166	<1	<0.1	7.2	518
Y121	1.4	62.4	<1	<0.1	1.7	73
Y122	8.1	15.2	<1	0.1	7.8	57
Y123	18.5	629	<1	<0.1	3.0	1950
Y124	16.3	250	<1	0.1	8.3	495
Y125	20.8	393	<1	0.2	6.3	1420
Y126	10.9	86.2	<1	0.2	5.7	297
Y127	17.9	380	<1	0.1	6.1	1130
Y128	13.5	49.7	<1	0.2	12.7	160
Y129	11.0	47.0	<1	0.2	7.6	148
Y130	6.5	72.5	<1	0.3	10.4	143

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y131	12.8	57.1	<1	0.2	9.5	199
Y132	21.2	84.8	<1	0.3	18.9	267
Y133	20.9	122	<1	0.2	15.8	219
Y134	11.9	57.1	<1	0.2	10.5	210
Y135	15.7	224	<1	0.1	4.2	831
Y136	14.5	247	<1	0.2	2.7	797
Y137	6.6	21.8	<1	0.2	8.0	83
Y138	5.3	46.1	<1	<0.1	2.9	159
Y139	10.7	35.6	<1	0.2	3.8	176
Y140	24.9	7.2	<1	0.2	23.5	21
Y141	10.5	24.4	<1	0.2	9.5	103
Y142	10.5	18.1	<1	0.2	13.3	44
Y143	1.7	30.1	<1	<0.1	3.0	39
Y144	18.6	274	<1	0.2	15.0	669
Y145	14.3	43.7	<1	0.2	11.3	75
Y146	9.4	30.3	<1	0.2	9.3	79
Y147	18.6	23.9	<1	0.2	8.3	55
Y148	11.2	9.7	<1	0.2	36.6	21
Y149	14.3	16.4	<1	0.2	9.3	41
Y150	13.6	29.1	<1	0.2	13.8	80
Y151	3.5	113	<1	0.3	11.3	103
Y152	26.3	255	<1	0.3	13.2	1120
Y153	19.3	35.0	<1	0.3	13.8	129
Y154	30.7	43.7	<1	0.2	12.4	207
Y155	30.4	296	<1	0.3	15.5	857
*Rep Y146	8.2	32.6	<1	0.2	8.9	104
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Std AMIS0169	19.0	41.0	<1	0.1	45.3	484
*Rep Y95	3.2	82.8	<1	0.1	1.9	136
*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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
*Std AMIS0169	15.7	41.3	<1	<0.1	40.5	447
*Rep Y130	5.9	72.7	<1	0.3	11.3	138
*Rep Y16	11.5	18.5	<1	0.2	9.2	18
*Rep Y27	18.3	23.6	<1	0.2	38.0	94
*Std AMIS0169	14.4	32.3	<1	<0.1	34.2	370
*Rep Y35	12.7	18.1	<1	0.4	33.8	58
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	2
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	2
*Rep Y49	23.5	72.9	<1	0.3	9.8	315
*Std AMIS0169	13.9	35.7	<1	<0.1	36.5	406
*Rep Y68	9.8	48.9	<1	0.2	5.2	196
*Rep Y87	29.1	160	<1	0.3	18.3	588

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
Y2	6	6.5	300	<2	3.7	480
Y3	3	5.3	400	<2	2.0	191
Y4	2	10.1	200	<2	1.9	501
Y5	25	9.3	1100	5	5.7	292
Y6	<1	11.6	200	<2	3.9	1600
Y7	<1	3.7	100	<2	1.0	100
Y8	6	10.2	200	<2	3.5	559
Y9	5	21.6	1300	4	2.8	988
Y10	17	14.3	3200	6	8.9	1120
Y11	6	29.1	2200	3	3.0	1720
Y12	5	17.7	1400	4	3.7	1360
Y13	3	23.5	3100	3	2.5	728

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y14	36	7.5	600	6	5.4	119
Y15	<1	26.8	<100	<2	3.3	1230
Y16	13	6.4	1800	<2	1.2	42
Y17	2	19.0	600	<2	1.8	1450
Y18	10	8.0	1000	4	3.1	306
Y19	7	7.4	400	<2	1.3	27
Y20	17	6.1	800	4	3.6	121
Y21	10	11.5	7100	4	3.4	715
Y22	47	8.4	6800	10	11.0	665
Y23	10	11.4	900	3	3.0	99
Y24	3	4.0	1000	3	3.1	249
Y25	32	6.9	1500	5	5.9	105
Y26	29	9.4	1600	5	5.0	49
Y27	23	19.2	22900	6	4.7	130
Y28	28	7.9	1000	6	7.7	94
Y29	7	21.3	10000	3	<0.5	280
Y30	22	25.2	7200	2	1.0	389
Y31	3	17.9	300	<2	<0.5	106
Y32	7	20.0	5300	<2	<0.5	33
Y33	4	7.5	4500	<2	0.7	80
Y34	29	6.9	20800	6	5.6	116
Y35	18	12.2	400	2	5.2	73
Y36	5	23.7	4700	<2	<0.5	101
Y37	5	25.3	4200	<2	<0.5	52
Y38	2	30.7	2500	<2	<0.5	53
Y39	4	22.6	100	<2	<0.5	48
Y40	1	26.0	300	<2	<0.5	37
Y41	21	15.1	3300	<2	1.3	80
Y42	3	13.2	21300	<2	<0.5	81
Y43	2	13.4	35100	<2	<0.5	151

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y44	2	23.5	1900	<2	<0.5	153
Y45	4	31.1	23900	2	0.5	161
Y46	36	9.6	1000	4	4.2	45
Y47	5	30.7	1700	3	3.0	477
Y48	10	10.3	4400	4	2.5	499
Y49	38	6.9	1300	7	5.4	258
Y50	20	7.3	800	3	4.0	379
Y51	4	16.2	400	4	7.5	2280
Y52	22	5.4	300	3	5.1	508
Y53	2	6.2	300	3	4.0	670
Y54	14	8.7	300	3	6.4	636
Y55	29	7.1	600	5	7.4	590
Y56	3	9.8	400	<2	2.9	846
Y57	12	13.7	1300	4	4.3	432
Y58	5	20.2	1900	3	1.6	737
Y59	1	19.7	800	3	2.4	1230
Y60	3	11.7	400	4	6.9	1100
Y61	27	10.2	2400	5	5.7	151
Y62	6	24.2	1800	4	1.5	276
Y63	8	12.8	4500	7	6.3	724
Y64	4	67.8	200	<2	<0.5	225
Y65	35	10.7	500	6	5.3	629
Y66	3	54.1	13500	6	<0.5	43
Y67	28	12.2	18400	4	1.7	391
Y68	26	15.0	5500	3	1.9	197
Y69	3	14.8	2000	<2	<0.5	216
Y70	10	13.2	2400	3	1.1	108
Y71	3	28.8	7400	3	<0.5	194
Y72	5	39.5	1300	<2	<0.5	58
Y73	<1	46.2	1100	<2	<0.5	322

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y74	1	28.6	36700	3	0.7	512
Y75	12	26.7	2500	5	<0.5	103
Y76	10	5.3	2300	3	2.2	105
Y77	2	31.7	4300	<2	<0.5	381
Y78	4	34.0	600	<2	<0.5	213
Y79	7	10.1	600	<2	2.0	79
Y80	7	9.8	2400	3	4.0	1220
Y81	25	9.1	1500	8	7.4	422
Y82	26	11.0	400	6	6.4	568
Y83	<1	4.7	400	2	1.9	1050
Y84	11	7.9	1100	4	5.6	530
Y85	6	6.8	600	2	4.3	699
Y86	3	4.1	1700	3	3.1	244
Y87	13	17.8	500	8	9.4	627
Y88	11	8.2	700	5	6.1	626
Y89	25	7.1	500	3	4.0	212
Y90	35	7.1	900	4	5.2	71
Y91	4	6.1	400	2	2.7	575
Y92	2	3.5	300	3	2.6	1110
Y93	1	2.4	200	<2	1.0	78
Y94	<1	50.3	5800	<2	<0.5	233
Y95	<1	48.9	1400	<2	<0.5	226
Y96	8	8.9	3400	<2	<0.5	142
Y97	6	13.6	9200	4	3.3	609
Y98	4	12.0	700	2	3.5	96
Y99	7	12.0	2600	6	10.4	1710
Y100	7	7.5	1100	5	3.6	188
Y101	<1	7.5	100	<2	1.0	255
Y102	4	9.0	100	2	4.7	442
Y103	4	7.3	500	<2	3.1	952

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y104	1	4.1	200	<2	1.1	177
Y105	1	8.0	200	<2	1.8	198
Y106	5	7.8	400	2	2.8	381
Y107	41	9.4	1900	12	9.0	167
Y108	8	11.3	100	<2	0.9	88
Y109	13	9.7	200	<2	2.6	121
Y110	30	8.2	400	5	4.1	724
Y111	11	6.1	700	4	3.5	377
Y112	2	3.8	600	<2	1.7	255
Y113	6	5.2	1000	3	2.6	81
Y114	11	10.8	300	<2	2.2	29
Y115	23	10.3	1100	5	9.6	527
Y116	19	9.7	1100	4	4.5	119
Y117	7	8.5	1000	3	4.9	676
Y118	1	12.2	200	<2	2.3	184
Y119	<1	6.2	100	<2	<0.5	239
Y120	<1	29.9	500	<2	<0.5	607
Y121	<1	140	1200	<2	<0.5	132
Y122	4	16.0	500	<2	2.1	59
Y123	<1	45.4	1100	<2	<0.5	2320
Y124	16	13.8	200	3	4.3	810
Y125	6	10.2	600	3	6.4	1600
Y126	5	16.9	300	<2	3.2	336
Y127	1	26.7	600	<2	1.9	1520
Y128	10	12.7	700	3	5.2	201
Y129	5	10.9	400	<2	3.4	183
Y130	8	8.2	1600	<2	0.8	238
Y131	11	9.8	300	5	3.8	246
Y132	42	8.9	700	5	5.8	373
Y133	23	15.0	600	5	4.9	426

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y134	6	7.3	200	<2	2.7	251
Y135	3	28.7	300	3	5.0	942
Y136	1	10.7	200	<2	1.1	935
Y137	3	9.4	300	<2	1.6	87
Y138	1	7.3	<100	<2	0.7	158
Y139	7	15.4	500	2	3.4	137
Y140	40	14.9	8400	6	4.7	24
Y141	8	13.7	200	2	2.2	103
Y142	11	12.6	1300	3	3.3	57
Y143	5	99.1	1500	2	<0.5	71
Y144	12	24.3	1200	4	5.7	902
Y145	26	15.3	1600	4	3.4	119
Y146	6	12.7	300	2	2.2	99
Y147	9	4.3	2200	<2	2.1	80
Y148	7	14.3	2400	<2	1.5	31
Y149	19	6.1	600	2	4.5	64
Y150	20	10.3	600	<2	3.4	109
Y151	3	44.3	900	<2	<0.5	252
Y152	14	16.2	3200	7	7.7	1170
Y153	27	15.0	1100	5	8.6	142
Y154	23	11.0	1500	8	11.7	190
Y155	21	17.4	7000	7	11.7	1150
*Rep Y146	5	13.8	200	<2	1.7	107
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Std AMIS0169	4	37.2	4700	4	3.0	377
*Rep Y95	<1	47.0	1400	<2	<0.5	230
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Std AMIS0169	2	37.7	4500	3	2.6	370
*Rep Y130	8	9.0	1600	<2	0.8	233
*Rep Y16	14	6.3	2200	3	2.5	47

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
*Rep Y27	20	19.2	18900	5	4.7	104
*Std AMIS0169	2	26.4	3100	2	2.2	300
*Rep Y35	12	12.9	400	2	4.8	63
*Blk BLANK	<1	<0.5	<100	<2	<0.5	1
*Blk BLANK	<1	<0.5	<100	<2	<0.5	2
*Rep Y49	39	7.0	1200	7	5.4	273
*Std AMIS0169	1	30.4	3600	3	2.3	304
*Rep Y68	21	16.0	5900	3	1.7	197
*Rep Y87	11	19.9	500	8	9.6	650

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
Y2	90	0.9	426	<1	120	<0.1
Y3	133	2.9	495	<1	45.0	<0.1
Y4	113	0.5	376	<1	114	<0.1
Y5	136	2.5	283	<1	74.8	<0.1
Y6	79	0.4	590	<1	342	<0.1
Y7	118	0.6	325	<1	22.1	<0.1
Y8	129	0.8	547	<1	128	<0.1
Y9	185	1.1	212	<1	217	<0.1
Y10	219	1.8	545	<1	277	<0.1
Y11	818	1.3	182	<1	369	<0.1
Y12	444	1.8	239	<1	314	<0.1
Y13	554	2.1	337	<1	148	<0.1
Y14	169	3.5	422	<1	26.3	<0.1
Y15	70	0.2	364	<1	271	<0.1
Y16	143	1.3	427	<1	6.8	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y17	140	0.6	560	<1	369	<0.1
Y18	186	3.7	225	<1	70.6	<0.1
Y19	430	2.3	15	<1	6.1	<0.1
Y20	261	4.9	264	<1	25.5	<0.1
Y21	463	3.3	333	<1	160	<0.1
Y22	202	4.5	456	<1	165	<0.1
Y23	188	3.1	449	<1	22.0	<0.1
Y24	90	2.8	498	<1	61.9	<0.1
Y25	191	4.9	356	<1	21.7	<0.1
Y26	196	4.2	496	<1	9.6	<0.1
Y27	698	7.6	409	<1	29.9	<0.1
Y28	154	7.6	712	<1	19.5	<0.1
Y29	450	1.4	224	<1	58.4	<0.1
Y30	365	2.7	315	<1	81.0	<0.1
Y31	399	<0.1	22	<1	18.4	<0.1
Y32	163	1.1	42	<1	5.6	<0.1
Y33	271	3.0	343	<1	13.5	<0.1
Y34	489	10.3	419	<1	26.7	<0.1
Y35	175	2.2	652	<1	16.9	<0.1
Y36	216	1.0	158	<1	21.9	<0.1
Y37	317	0.3	156	<1	10.6	<0.1
Y38	314	<0.1	29	<1	11.3	<0.1
Y39	387	<0.1	174	<1	9.7	<0.1
Y40	373	<0.1	23	<1	7.4	<0.1
Y41	190	0.9	490	<1	18.9	<0.1
Y42	708	<0.1	39	<1	18.2	<0.1
Y43	741	<0.1	22	<1	32.9	<0.1
Y44	1430	<0.1	99	<1	28.0	<0.1
Y45	912	0.5	447	<1	32.8	<0.1
Y46	139	1.6	809	<1	9.5	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y47	164	1.2	483	<1	105	<0.1
Y48	706	3.0	339	<1	108	<0.1
Y49	169	3.9	314	<1	61.5	<0.1
Y50	166	1.9	400	<1	88.3	<0.1
Y51	123	0.9	606	<1	493	<0.1
Y52	81	1.6	407	<1	122	<0.1
Y53	48	0.7	478	<1	151	<0.1
Y54	76	1.3	333	<1	129	<0.1
Y55	121	1.3	473	<1	136	<0.1
Y56	104	0.6	450	<1	182	<0.1
Y57	215	1.4	337	<1	92.4	<0.1
Y58	483	1.3	328	<1	145	<0.1
Y59	185	1.0	501	<1	266	<0.1
Y60	92	1.1	438	<1	247	<0.1
Y61	159	5.5	472	<1	38.0	<0.1
Y62	441	2.0	251	<1	56.8	<0.1
Y63	262	2.1	300	<1	171	<0.1
Y64	740	<0.1	144	<1	40.1	<0.1
Y65	155	3.4	407	<1	155	<0.1
Y66	805	0.5	64	<1	9.3	<0.1
Y67	2180	1.7	430	<1	87.1	<0.1
Y68	291	0.8	267	<1	50.3	<0.1
Y69	287	0.3	1750	<1	46.1	<0.1
Y70	221	0.9	1350	<1	25.5	<0.1
Y71	975	0.4	9970	<1	41.8	<0.1
Y72	753	0.2	180	<1	10.4	<0.1
Y73	52	<0.1	1590	<1	84.3	<0.1
Y74	311	0.4	126	<1	123	<0.1
Y75	379	0.7	304	<1	21.3	<0.1
Y76	277	3.9	1550	<1	20.2	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y77	976	<0.1	1200	<1	88.0	<0.1
Y78	502	0.2	451	<1	43.7	<0.1
Y79	127	1.6	320	<1	18.6	<0.1
Y80	235	2.1	350	<1	269	<0.1
Y81	153	4.4	311	<1	90.8	<0.1
Y82	184	3.7	294	<1	131	<0.1
Y83	103	1.0	511	<1	210	<0.1
Y84	167	2.2	1070	<1	119	<0.1
Y85	84	1.3	374	<1	167	<0.1
Y86	119	1.0	519	<1	57.0	<0.1
Y87	146	4.2	645	<1	167	<0.1
Y88	94	2.1	805	<1	167	<0.1
Y89	100	1.6	504	<1	49.7	<0.1
Y90	119	2.2	566	<1	17.4	<0.1
Y91	102	0.9	524	<1	156	<0.1
Y92	56	0.9	617	<1	275	<0.1
Y93	124	1.0	505	<1	18.8	<0.1
Y94	751	0.1	116	<1	54.0	<0.1
Y95	2000	0.2	374	<1	48.6	<0.1
Y96	292	0.8	1090	<1	31.8	<0.1
Y97	291	1.2	1050	<1	156	<0.1
Y98	136	0.6	908	<1	22.0	<0.1
Y99	165	1.9	482	<1	424	<0.1
Y100	121	3.6	442	<1	47.2	<0.1
Y101	106	0.6	427	<1	59.6	<0.1
Y102	60	1.7	268	<1	94.4	<0.1
Y103	143	0.8	361	<1	224	<0.1
Y104	105	1.6	308	<1	40.8	<0.1
Y105	86	0.5	559	<1	51.8	<0.1
Y106	124	0.7	504	<1	97.0	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y107	104	2.2	796	<1	44.8	<0.1
Y108	144	0.2	355	<1	19.6	<0.1
Y109	113	0.8	334	<1	29.2	<0.1
Y110	148	2.5	287	<1	174	<0.1
Y111	287	5.2	325	<1	92.4	<0.1
Y112	334	2.6	334	<1	54.7	<0.1
Y113	157	7.8	326	<1	18.5	<0.1
Y114	124	0.8	201	<1	6.7	<0.1
Y115	178	3.5	468	<1	139	<0.1
Y116	166	1.4	525	<1	28.4	<0.1
Y117	127	2.4	281	<1	168	<0.1
Y118	70	0.6	359	<1	38.8	<0.1
Y119	72	0.4	507	<1	60.4	<0.1
Y120	235	<0.1	75	<1	139	<0.1
Y121	1980	<0.1	86	<1	29.0	<0.1
Y122	83	1.4	119	<1	14.2	<0.1
Y123	301	0.2	282	<1	541	<0.1
Y124	347	1.0	791	<1	168	<0.1
Y125	144	1.0	677	<1	342	<0.1
Y126	134	1.1	356	<1	75.3	<0.1
Y127	157	0.3	706	<1	364	<0.1
Y128	180	1.6	628	<1	49.0	<0.1
Y129	130	0.6	663	<1	43.3	<0.1
Y130	303	1.9	793	<1	50.9	<0.1
Y131	124	1.0	823	<1	58.8	<0.1
Y132	175	1.7	308	<1	86.3	<0.1
Y133	255	2.1	449	<1	85.9	<0.1
Y134	95	1.1	403	<1	59.0	<0.1
Y135	82	0.5	395	<1	217	<0.1
Y136	83	0.2	686	<1	239	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y137	172	2.0	558	<1	20.0	<0.1
Y138	26	0.4	318	<1	41.6	<0.1
Y139	92	0.9	818	<1	33.6	<0.1
Y140	147	10.0	162	<1	5.1	<0.1
Y141	125	1.1	326	<1	25.0	<0.1
Y142	133	2.6	462	<1	12.9	<0.1
Y143	509	0.2	66	<1	15.1	<0.1
Y144	368	1.6	377	<1	207	<0.1
Y145	240	3.5	434	<1	25.7	<0.1
Y146	159	0.8	305	<1	21.9	<0.1
Y147	180	3.5	342	<1	18.3	<0.1
Y148	199	2.4	468	<1	7.8	<0.1
Y149	129	1.5	553	<1	13.7	<0.1
Y150	208	2.0	649	<1	25.3	<0.1
Y151	1160	0.2	330	<1	47.7	<0.1
Y152	238	1.9	293	<1	296	<0.1
Y153	196	4.0	548	<1	36.5	<0.1
Y154	168	4.3	539	<1	48.7	<0.1
Y155	435	3.0	474	<1	263	<0.1
*Rep Y146	185	0.6	302	<1	23.8	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	470	2.3	113	<1	108	<0.1
*Rep Y95	2020	0.2	348	<1	51.2	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	446	2.1	114	<1	95.3	<0.1
*Rep Y130	306	1.8	832	<1	51.5	<0.1
*Rep Y16	150	2.5	519	<1	8.6	<0.1
*Rep Y27	615	6.8	427	<1	22.8	<0.1
*Std AMIS0169	326	2.0	88	<1	83.0	<0.1
*Rep Y35	190	2.0	684	<1	13.6	<0.1

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep Y49	180	4.2	331	<1	68.2	<0.1
*Std AMIS0169	341	1.9	91	<1	84.2	<0.1
*Rep Y68	288	0.7	318	<1	48.3	<0.1
*Rep Y87	169	4.1	628	<1	178	<0.1

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
Y2	75	1.2	95	96	<1	200
Y3	118	1.0	69	41	<1	210
Y4	70	0.7	95	97	<1	280
Y5	171	4.1	63	51	1	340
Y6	49	0.9	293	308	<1	500
Y7	101	<0.5	30	24	<1	130
Y8	55	1.3	119	119	<1	430
Y9	62	3.8	158	190	<1	950
Y10	121	10.5	183	213	1	600
Y11	24	5.2	160	376	<1	1250
Y12	51	4.2	206	254	<1	670
Y13	60	2.3	209	169	<1	1080
Y14	159	2.8	64	23	1	250
Y15	41	1.2	205	276	<1	1140
Y16	60	0.9	30	11	<1	280
Y17	76	1.1	255	226	<1	1380
Y18	91	4.9	124	65	<1	350
Y19	68	2.1	54	6	<1	380

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y20	94	4.7	92	28	<1	260
Y21	64	9.4	164	155	<1	450
Y22	162	21.4	194	123	2	270
Y23	50	7.8	35	20	<1	400
Y24	164	2.9	80	49	<1	180
Y25	105	8.2	64	20	1	210
Y26	86	5.7	58	11	1	270
Y27	153	4.3	45	27	<1	800
Y28	184	2.8	67	20	1	240
Y29	48	8.9	43	66	<1	920
Y30	54	10.4	110	89	<1	1110
Y31	16	1.6	13	29	<1	1660
Y32	22	0.9	7	11	<1	1620
Y33	67	2.2	46	19	<1	310
Y34	102	4.4	97	25	2	170
Y35	130	1.8	57	18	<1	440
Y36	48	1.5	32	22	<1	1050
Y37	28	<0.5	15	12	<1	1650
Y38	11	21.9	9	13	<1	1710
Y39	25	4.5	10	12	<1	2210
Y40	13	4.6	6	9	<1	3020
Y41	49	2.6	27	19	<1	730
Y42	7	9.6	23	17	<1	2770
Y43	10	13.9	84	33	<1	2080
Y44	19	6.3	27	43	<1	2250
Y45	25	3.6	56	43	<1	1560
Y46	114	6.7	39	11	1	360
Y47	92	4.0	73	107	<1	960
Y48	72	10.9	128	139	<1	480
Y49	106	12.3	128	57	2	180

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Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y50	91	6.5	107	83	1	320
Y51	67	4.7	293	562	1	800
Y52	137	3.6	110	108	<1	150
Y53	72	2.1	174	154	<1	290
Y54	77	2.9	130	134	1	340
Y55	124	4.7	171	131	1	270
Y56	43	2.1	225	189	<1	470
Y57	94	7.0	133	117	<1	580
Y58	64	3.1	146	190	<1	820
Y59	56	2.1	252	324	<1	1020
Y60	99	10.3	224	250	<1	570
Y61	122	12.3	75	29	1	290
Y62	70	6.2	69	74	<1	1110
Y63	94	9.0	135	177	1	590
Y64	8	1.8	34	62	<1	3830
Y65	123	14.4	133	135	1	340
Y66	7	14.9	25	11	<1	2390
Y67	81	9.0	188	99	<1	560
Y68	96	118	50	46	<1	750
Y69	38	0.8	43	48	<1	850
Y70	79	2.7	39	26	<1	550
Y71	51	1.8	50	49	<1	1500
Y72	25	0.8	42	20	<1	2410
Y73	69	<0.5	18	56	<1	2650
Y74	68	2.0	70	101	<1	1070
Y75	68	3.3	43	29	<1	1550
Y76	109	2.3	46	27	<1	200
Y77	28	1.5	68	96	<1	2150
Y78	55	0.8	53	57	<1	1080
Y79	65	1.8	27	18	<1	270

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y80	76	4.5	205	278	<1	460
Y81	138	9.2	142	94	2	250
Y82	138	7.4	140	118	2	330
Y83	83	2.2	149	258	<1	220
Y84	150	8.2	118	109	1	430
Y85	110	4.2	132	140	<1	270
Y86	96	6.2	87	52	<1	130
Y87	189	13.9	133	147	1	490
Y88	97	9.0	92	123	1	450
Y89	100	4.8	57	42	<1	310
Y90	96	8.7	45	15	1	200
Y91	85	1.5	81	103	<1	190
Y92	112	1.6	97	196	<1	240
Y93	98	0.5	32	15	<1	120
Y94	20	1.0	92	56	<1	2660
Y95	43	3.3	97	61	<1	1640
Y96	71	0.8	48	36	<1	280
Y97	68	6.9	82	129	<1	570
Y98	90	2.5	52	22	<1	500
Y99	73	6.1	177	362	2	660
Y100	176	13.3	44	35	<1	290
Y101	90	0.5	73	52	<1	240
Y102	77	1.6	149	103	<1	290
Y103	128	1.5	216	200	<1	400
Y104	160	0.9	39	41	<1	200
Y105	139	2.7	49	34	<1	380
Y106	93	3.1	95	72	<1	360
Y107	186	30.9	70	32	2	230
Y108	90	1.2	43	19	<1	550
Y109	65	1.9	33	23	<1	340

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y110	107	6.6	130	144	1	290
Y111	65	3.0	98	80	<1	270
Y112	77	1.7	64	55	<1	220
Y113	77	2.3	39	18	<1	200
Y114	88	0.7	29	7	<1	230
Y115	119	5.5	132	101	2	240
Y116	149	2.6	60	24	1	300
Y117	130	1.5	150	121	<1	290
Y118	65	0.8	46	39	<1	610
Y119	70	0.6	40	54	<1	250
Y120	45	<0.5	80	139	<1	2520
Y121	12	3.1	63	43	<1	3010
Y122	44	1.0	24	13	<1	510
Y123	31	1.3	135	537	<1	2070
Y124	125	4.4	109	191	<1	430
Y125	161	13.4	204	327	<1	470
Y126	102	1.4	100	71	<1	620
Y127	101	0.8	302	303	<1	850
Y128	154	4.8	82	43	<1	330
Y129	138	2.3	130	41	<1	420
Y130	77	6.1	52	55	<1	480
Y131	109	4.4	79	56	<1	380
Y132	114	96.0	108	75	2	330
Y133	100	13.8	76	104	2	610
Y134	77	1.1	76	55	<1	300
Y135	71	2.3	221	211	<1	1000
Y136	40	0.5	283	211	<1	540
Y137	169	0.9	49	20	<1	280
Y138	107	0.6	93	43	<1	340
Y139	97	1.7	76	33	<1	650

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y140	155	2.1	59	6	1	430
Y141	142	0.7	51	22	<1	690
Y142	101	3.3	42	14	<1	700
Y143	46	1.6	23	23	<1	1560
Y144	87	6.7	270	234	1	690
Y145	130	14.8	64	35	<1	830
Y146	62	2.0	64	27	<1	720
Y147	214	1.7	59	19	<1	300
Y148	82	0.6	51	8	<1	670
Y149	123	6.8	51	14	<1	290
Y150	147	11.1	54	25	<1	390
Y151	18	4.1	81	79	<1	1950
Y152	85	24.6	172	238	1	590
Y153	167	11.7	80	34	1	460
Y154	148	20.2	95	40	2	390
Y155	94	45.7	236	270	2	760
*Rep Y146	64	1.3	63	28	<1	760
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Std AMIS0169	269	0.8	61	60	<1	80
*Rep Y95	41	3.2	91	62	<1	1690
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Std AMIS0169	244	1.0	52	58	<1	70
*Rep Y130	75	5.7	55	55	<1	520
*Rep Y16	75	1.9	35	11	<1	230
*Rep Y27	120	4.3	47	22	<1	740
*Std AMIS0169	202	<0.5	41	45	<1	90
*Rep Y35	120	1.4	53	14	<1	420
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep Y49	112	12.7	129	63	2	180

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
*Std AMIS0169	211	0.8	43	51	<1	70
*Rep Y68	87	105	51	43	<1	830
*Rep Y87	191	13.5	142	154	1	510

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
Y2	<1	16.1	<10	38.6	1270	0.8
Y3	<1	8.4	<10	47.3	770	0.6
Y4	<1	15.8	<10	43.3	860	0.4
Y5	<1	7.8	<10	57.7	2020	0.7
Y6	<1	53.7	<10	50.6	1530	0.5
Y7	<1	3.9	<10	14.8	300	0.4
Y8	<1	21.6	<10	45.0	1460	0.3
Y9	<1	31.0	<10	41.7	1250	0.3
Y10	<1	33.8	<10	89.2	3500	0.6
Y11	<1	63.7	<10	63.7	1250	0.2
Y12	<1	44.3	<10	150	1560	0.4
Y13	<1	33.8	<10	65.0	940	0.4
Y14	<1	4.4	<10	42.3	1960	0.8
Y15	<1	44.0	<10	52.5	1530	0.5
Y16	<1	3.6	<10	15.9	490	0.1
Y17	<1	42.9	<10	66.1	920	0.4
Y18	<1	12.8	<10	90.4	1020	0.6
Y19	<1	1.7	<10	27.5	460	0.4
Y20	<1	7.0	<10	65.5	1300	0.6
Y21	<1	25.6	<10	114	1430	0.3
Y22	<1	21.3	<10	162	4330	0.8

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y23	<1	4.0	<10	67.0	1160	0.2
Y24	<1	9.0	<10	46.9	1110	0.5
Y25	<1	4.6	<10	31.6	2140	0.5
Y26	<1	3.2	<10	26.7	1810	0.5
Y27	<1	4.6	<10	74.4	1590	0.4
Y28	<1	3.8	<10	35.0	2750	0.7
Y29	<1	13.8	<10	55.9	140	0.3
Y30	<1	16.8	<10	49.2	390	0.2
Y31	<1	5.7	<10	16.8	20	<0.1
Y32	<1	2.5	<10	7.9	30	<0.1
Y33	<1	6.8	<10	25.9	280	0.1
Y34	<1	5.2	<10	45.7	1890	0.8
Y35	<1	3.8	<10	63.4	2120	0.3
Y36	<1	4.3	<10	25.8	180	0.3
Y37	<1	2.3	<10	15.3	60	0.1
Y38	<1	2.9	<10	41.3	<10	<0.1
Y39	<1	2.2	<10	55.0	20	0.1
Y40	<1	2.7	<10	21.0	<10	<0.1
Y41	<1	3.8	<10	62.9	480	0.5
Y42	<1	2.7	<10	42.2	10	<0.1
Y43	<1	7.1	<10	144	50	<0.1
Y44	<1	8.4	<10	52.9	<10	<0.1
Y45	<1	9.0	20	64.8	140	0.2
Y46	<1	2.5	10	39.1	1450	0.6
Y47	<1	18.1	<10	64.5	1100	0.4
Y48	<1	27.0	<10	77.0	880	0.4
Y49	<1	11.0	<10	98.3	2020	0.8
Y50	<1	17.2	<10	56.2	1440	0.7
Y51	<1	90.7	<10	59.5	3000	0.5
Y52	<1	17.9	<10	61.4	2090	0.7

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y53	<1	26.7	<10	44.6	1630	0.4
Y54	<1	21.3	<10	33.2	2530	0.6
Y55	<1	22.5	<10	78.8	3210	1.0
Y56	<1	35.2	<10	47.4	1260	0.4
Y57	<1	22.5	<10	61.5	1800	0.4
Y58	<1	38.8	<10	102	630	0.3
Y59	<1	57.4	<10	50.1	1070	0.3
Y60	<1	41.4	<10	70.6	2760	0.6
Y61	<1	5.6	<10	76.7	1910	0.7
Y62	<1	13.7	<10	28.9	580	0.3
Y63	<1	27.9	<10	87.4	2440	0.5
Y64	<1	12.3	<10	14.7	<10	<0.1
Y65	<1	21.5	<10	101	1930	1.1
Y66	<1	1.6	<10	13.1	120	<0.1
Y67	<1	21.1	<10	299	450	0.3
Y68	<1	8.5	<10	93.6	640	0.6
Y69	<1	11.6	<10	24.5	80	0.3
Y70	<1	6.2	<10	56.5	300	0.5
Y71	<1	9.5	<10	45.0	90	0.2
Y72	<1	5.2	<10	20.2	<10	<0.1
Y73	<1	7.5	<10	39.9	40	0.2
Y74	<1	12.9	<10	116	250	0.3
Y75	<1	5.9	<10	96.3	150	0.4
Y76	<1	5.5	<10	42.2	600	0.6
Y77	<1	17.3	<10	19.7	20	0.2
Y78	<1	11.5	<10	28.9	80	0.3
Y79	<1	3.3	<10	31.0	470	0.4
Y80	<1	44.2	<10	79.7	1700	0.5
Y81	<1	17.6	<10	79.0	2370	1.0
Y82	<1	21.1	<10	85.1	2550	0.8

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y83	<1	42.3	<10	47.0	810	0.5
Y84	<1	19.2	<10	64.7	2270	0.6
Y85	<1	24.4	<10	47.6	1910	0.4
Y86	<1	11.2	<10	60.3	1290	0.5
Y87	<1	21.6	<10	158	4200	1.8
Y88	<1	17.6	<10	133	2100	1.0
Y89	<1	8.6	<10	38.2	1450	0.5
Y90	<1	3.2	<10	109	1710	0.8
Y91	<1	17.5	<10	91.5	1020	0.6
Y92	<1	30.2	<10	80.3	890	0.6
Y93	<1	3.3	<10	22.6	300	0.3
Y94	<1	13.2	<10	37.3	30	0.1
Y95	<1	15.2	<10	24.0	50	0.3
Y96	<1	8.1	<10	24.9	140	0.4
Y97	<1	20.6	<10	94.9	1210	0.5
Y98	<1	4.0	<10	61.0	1230	0.5
Y99	<1	54.4	<10	77.3	4200	0.6
Y100	<1	5.9	<10	62.3	1120	1.0
Y101	<1	9.6	<10	23.9	440	0.3
Y102	<1	18.0	<10	34.7	1870	0.4
Y103	<1	38.1	<10	44.2	1230	0.5
Y104	<1	7.1	<10	21.8	400	0.5
Y105	<1	8.1	<10	47.6	790	0.6
Y106	<1	14.7	<10	44.5	1140	0.5
Y107	<1	5.5	<10	117	2610	2.0
Y108	<1	4.8	<10	18.3	330	0.4
Y109	<1	4.6	<10	34.9	920	0.3
Y110	<1	24.9	<10	94.5	1200	1.0
Y111	<1	15.2	<10	78.1	1010	0.5
Y112	<1	11.7	<10	31.1	450	0.4

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y113	<1	3.4	<10	53.3	680	0.2
Y114	<1	1.8	<10	16.6	1030	0.3
Y115	<1	17.9	<10	105	3740	0.9
Y116	<1	5.0	<10	42.2	1640	0.9
Y117	<1	19.7	<10	50.9	1720	1.1
Y118	<1	7.4	<10	14.9	890	0.3
Y119	<1	8.8	<10	32.7	210	0.6
Y120	<1	22.9	<10	24.0	<10	0.1
Y121	<1	9.8	<10	9.2	<10	<0.1
Y122	<1	2.3	<10	13.0	590	0.2
Y123	<1	79.3	<10	23.2	220	0.3
Y124	<1	43.5	<10	73.7	1550	0.6
Y125	<1	63.7	<10	102	2370	0.9
Y126	<1	14.4	<10	33.3	1340	0.4
Y127	<1	68.4	<10	44.4	840	0.4
Y128	<1	7.8	<10	91.0	1950	0.7
Y129	<1	9.1	<10	42.3	1420	0.4
Y130	<1	12.9	<10	33.0	340	0.2
Y131	<1	10.0	<10	68.0	1500	0.5
Y132	<1	16.1	<10	65.2	1520	0.9
Y133	<1	18.5	<10	39.1	1680	0.5
Y134	<1	9.7	<10	32.8	1100	0.3
Y135	<1	33.1	<10	49.5	2300	0.6
Y136	<1	44.0	<10	56.4	560	0.3
Y137	<1	4.3	<10	50.6	660	0.3
Y138	<1	8.2	<10	37.0	350	0.4
Y139	<1	6.0	<10	47.4	1630	0.6
Y140	<1	1.3	<10	14.2	2100	0.4
Y141	<1	4.3	<10	47.3	930	0.5
Y142	<1	3.2	<10	20.2	1040	0.3

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y143	<1	4.5	<10	14.4	<10	0.2
Y144	<1	41.0	<10	112	2100	0.3
Y145	<1	7.4	<10	20.0	1280	0.5
Y146	<1	5.2	<10	38.0	1040	0.2
Y147	<1	4.5	<10	11.4	870	0.4
Y148	<1	1.8	<10	14.2	620	0.2
Y149	<1	3.6	<10	29.0	1810	0.5
Y150	<1	5.5	<10	45.0	1220	0.5
Y151	<1	20.6	<10	35.7	<10	<0.1
Y152	<1	34.5	<10	140	2690	0.4
Y153	<1	5.5	<10	111	3310	0.7
Y154	<1	6.6	<10	83.4	3940	0.6
Y155	<1	45.4	<10	144	4620	0.4
*Rep Y146	<1	5.8	<10	34.0	810	0.2
*Blk BLANK	<1	<0.1	<10	0.8	<10	<0.1
*Std AMIS0169	<1	5.4	<10	70.3	460	1.1
*Rep Y95	<1	14.5	<10	20.1	50	0.3
*Blk BLANK	<1	<0.1	<10	1.2	<10	<0.1
*Std AMIS0169	<1	5.5	<10	68.0	370	1.0
*Rep Y130	<1	13.5	<10	31.8	300	0.2
*Rep Y16	<1	3.6	<10	20.6	950	0.3
*Rep Y27	<1	3.7	<10	63.4	1690	0.4
*Std AMIS0169	<1	4.1	<10	52.0	340	1.1
*Rep Y35	<1	3.5	<10	57.3	1760	0.2
*Blk BLANK	<1	<0.1	<10	0.7	<10	<0.1
*Blk BLANK	<1	<0.1	<10	0.7	<10	<0.1
*Rep Y49	<1	12.2	<10	104	2090	1.0
*Std AMIS0169	<1	4.2	<10	59.5	370	1.2
*Rep Y68	<1	8.7	<10	90.8	560	0.5
*Rep Y87	<1	23.0	<10	145	3890	1.8

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y2	35.4	0.7	486	25.4	30	82
Y3	29.1	<0.5	226	15.0	30	81
Y4	30.5	<0.5	511	29.2	20	66
Y5	16.3	1.3	239	13.9	90	110
Y6	60.1	0.8	1670	100	20	93
Y7	8.5	<0.5	140	10.6	20	33
Y8	35.5	0.6	747	44.7	50	71
Y9	43.4	1.0	1200	70.1	50	84
Y10	53.4	2.3	1190	63.7	130	185
Y11	56.8	3.6	2540	183	150	103
Y12	107	2.0	1550	96.2	70	142
Y13	53.1	1.1	1300	88.2	100	77
Y14	14.8	1.4	132	8.0	250	110
Y15	47.8	0.9	1290	81.6	20	70
Y16	9.3	<0.5	152	11.4	360	22
Y17	59.7	0.6	1230	35.5	40	85
Y18	54.5	0.7	406	24.7	290	173
Y19	35.3	<0.5	66	11.2	40	58
Y20	48.9	0.8	222	16.8	210	151
Y21	78.2	1.1	880	62.2	360	157
Y22	91.7	2.6	581	32.1	280	326
Y23	11.5	0.5	117	8.3	380	124
Y24	18.5	0.6	234	14.8	70	82
Y25	16.6	1.2	175	9.8	490	90
Y26	15.8	1.1	136	9.2	780	71
Y27	14.2	1.4	132	8.6	800	107
Y28	11.6	1.8	109	6.8	130	86
Y29	41.8	<0.5	527	43.5	280	129
Y30	35.0	<0.5	598	39.9	220	76
Y31	23.2	<0.5	191	13.4	30	19

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y32	11.1	<0.5	100	6.9	200	10
Y33	22.8	<0.5	240	18.6	620	53
Y34	19.3	1.5	213	13.9	1470	88
Y35	12.2	0.9	94	6.3	110	98
Y36	19.6	<0.5	131	8.1	480	38
Y37	12.4	<0.5	67	4.9	200	18
Y38	37.9	<0.5	117	9.4	30	7
Y39	48.3	<0.5	78	6.8	280	14
Y40	29.2	<0.5	125	11.1	510	3
Y41	16.1	<0.5	114	10.1	250	44
Y42	82.9	<0.5	117	11.2	50	13
Y43	84.5	<0.5	294	26.1	170	62
Y44	65.4	<0.5	380	29.0	300	23
Y45	41.3	<0.5	346	28.3	590	59
Y46	9.0	0.7	95	7.2	350	64
Y47	28.8	1.0	509	33.8	80	86
Y48	80.2	1.4	1060	76.6	400	115
Y49	65.4	2.0	315	16.1	210	191
Y50	46.4	1.4	491	24.4	100	88
Y51	68.1	4.0	3510	180	50	98
Y52	31.5	1.1	443	24.5	50	132
Y53	41.1	0.9	852	43.7	40	79
Y54	21.7	1.3	687	35.1	50	77
Y55	44.5	1.8	651	39.7	90	169
Y56	91.9	0.9	1310	64.8	30	77
Y57	31.4	1.3	980	66.7	70	103
Y58	97.5	1.0	1490	96.6	120	84
Y59	65.3	1.3	2050	118	40	56
Y60	62.0	1.7	1460	78.0	40	113
Y61	23.8	1.4	172	9.4	240	158

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y62	42.7	1.2	498	37.1	220	71
Y63	41.1	1.9	1050	68.0	190	139
Y64	61.5	<0.5	430	28.1	70	29
Y65	60.8	1.8	657	33.2	130	194
Y66	52.3	<0.5	62	6.4	120	29
Y67	109	0.8	915	85.5	1520	183
Y68	43.3	<0.5	235	18.2	370	76
Y69	26.2	<0.5	417	25.0	1510	19
Y70	31.2	<0.5	177	12.6	1190	95
Y71	80.6	<0.5	327	28.9	4540	44
Y72	45.0	<0.5	180	16.7	650	20
Y73	20.2	<0.5	210	11.2	30	17
Y74	58.8	<0.5	399	32.3	240	82
Y75	62.8	<0.5	185	14.6	470	95
Y76	23.0	<0.5	199	13.6	470	74
Y77	121	<0.5	663	48.6	1260	59
Y78	84.4	<0.5	385	24.1	180	47
Y79	12.5	<0.5	99	5.8	220	54
Y80	41.1	1.6	1520	77.9	120	128
Y81	140	2.1	568	33.8	180	176
Y82	80.2	1.9	603	28.3	100	170
Y83	60.9	1.0	1420	62.3	40	59
Y84	37.3	1.7	597	28.1	110	119
Y85	33.2	1.0	746	29.4	50	92
Y86	39.5	0.9	357	18.9	60	100
Y87	45.9	2.6	580	37.4	110	313
Y88	40.8	1.6	349	19.4	70	206
Y89	23.7	0.8	262	15.0	50	74
Y90	28.0	0.8	98	7.1	160	157
Y91	35.4	0.6	366	19.3	60	85

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

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
Y92	39.7	0.7	948	54.4	30	66
Y93	11.3	<0.5	89	6.1	60	34
Y94	143	<0.5	568	43.8	140	24
Y95	73.5	<0.5	595	49.6	2010	42
Y96	15.3	<0.5	300	21.4	550	28
Y97	42.3	1.1	649	36.0	310	181
Y98	19.0	0.8	127	9.7	80	121
Y99	29.3	3.0	2040	94.9	120	135
Y100	12.6	0.8	166	8.8	80	130
Y101	21.8	<0.5	313	14.5	20	41
Y102	26.2	1.2	687	36.7	30	60
Y103	63.4	0.9	1360	65.5	40	66
Y104	11.4	<0.5	227	14.0	20	39
Y105	14.8	<0.5	283	11.1	30	69
Y106	53.2	0.7	461	26.4	30	71
Y107	20.0	1.6	153	9.9	120	243
Y108	14.1	<0.5	184	12.7	30	24
Y109	7.6	0.6	165	10.2	70	30
Y110	93.2	1.1	935	49.7	200	179
Y111	62.4	1.0	480	27.4	130	124
Y112	55.1	<0.5	386	27.6	170	55
Y113	29.2	<0.5	108	7.4	370	93
Y114	6.8	0.5	67	6.5	90	28
Y115	47.4	2.3	482	20.0	200	159
Y116	11.5	1.2	174	12.0	160	64
Y117	55.2	1.2	559	28.5	70	79
Y118	7.7	0.5	283	16.7	20	19
Y119	18.9	<0.5	239	14.1	20	40
Y120	19.6	<0.5	784	51.8	20	14
Y121	49.6	<0.5	417	31.0	10	16

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element Method	U GE_MMIM	W GE_MMIM	Y GE_MMIM	Yb GE_MMIM	Zn GE_MMIM	Zr GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y122	5.9	<0.5	89	5.7	90	20
Y123	105	0.8	3100	163	30	37
Y124	39.9	0.9	1780	124	60	91
Y125	54.9	1.3	2130	129	50	154
Y126	27.9	0.7	452	25.1	30	58
Y127	92.4	0.8	2480	116	20	64
Y128	29.2	1.1	234	17.2	60	133
Y129	43.8	0.7	276	21.1	30	85
Y130	22.4	<0.5	425	32.8	560	44
Y131	18.0	0.8	315	17.1	40	87
Y132	48.0	1.1	520	30.5	100	169
Y133	28.5	0.9	831	50.9	120	82
Y134	24.4	0.5	370	18.1	40	56
Y135	47.7	1.2	1260	56.3	40	86
Y136	58.7	<0.5	1840	80.1	40	40
Y137	17.3	<0.5	129	6.6	250	67
Y138	45.7	<0.5	192	11.3	20	63
Y139	18.5	0.8	228	12.4	50	90
Y140	3.8	0.9	57	4.2	330	68
Y141	11.8	<0.5	150	9.4	50	59
Y142	6.0	<0.5	146	9.8	80	33
Y143	49.4	<0.5	167	11.0	50	16
Y144	38.5	1.1	1560	128	80	77
Y145	10.4	0.8	378	24.2	90	51
Y146	13.2	<0.5	226	17.1	30	45
Y147	6.1	<0.5	189	12.9	70	39
Y148	3.9	<0.5	77	5.3	60	36
Y149	11.0	0.8	135	9.3	100	58
Y150	16.8	0.7	191	13.9	80	77
Y151	94.1	<0.5	984	58.6	130	49

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



Order Number MEGA/ 154 of 320 Soil (MMI)
 Submission Number MEGA/ 154 of 320 Soil (MMI)
 Number of Samples 154

ANALYSIS REPORT BBM19-00880

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
Y152	50.2	2.3	1300	51.4	120	192
Y153	16.5	1.8	192	11.0	120	166
Y154	19.2	2.9	220	13.3	180	120
Y155	46.9	3.1	1800	91.1	180	194
*Rep Y146	13.1	<0.5	219	17.4	30	37
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	21.6	1.1	128	8.9	250	52
*Rep Y95	65.5	<0.5	597	49.9	2130	37
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	21.8	1.0	122	9.2	210	45
*Rep Y130	21.9	<0.5	468	34.5	610	39
*Rep Y16	11.2	0.5	153	11.5	410	35
*Rep Y27	13.3	1.2	121	7.5	680	99
*Std AMIS0169	17.0	0.7	91	7.0	150	38
*Rep Y35	11.7	1.1	101	7.1	130	92
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep Y49	71.1	2.3	342	18.4	210	195
*Std AMIS0169	17.7	1.0	88	7.5	170	39
*Rep Y68	43.2	<0.5	244	16.4	430	68
*Rep Y87	43.0	2.2	624	39.6	120	292

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



ANALYSIS REPORT BBM19-00882

To GORDON RICHARDS
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA V4K 4W6
BC
CANADA

Order Number	MEGA/ 79 of 320 Soil (MMI)	Date Received	26-Aug-2019
Submission Number	MEGA/ 79 of 320 Soil (MMI)	Date Analysed	28-Aug-2019 - 23-Feb-2021
Number of Samples	79	Date Completed	28-Sep-2019
		SGS Order Number	BBM19-00882

Methods Summary

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

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 MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	0.19	32.8	290	<10	0.7	15400
P2	0.23	64.3	210	30	0.6	11300
P3	0.17	21.3	147	50	0.6	25600
P4	0.17	41.7	142	20	0.2	13400
P5	0.26	4.7	173	60	0.2	8810
P6	0.18	7.9	208	70	0.4	17900
P7	0.18	19.5	192	20	0.4	32000
P8	0.17	10.5	216	110	0.2	27000
P9	0.19	22.5	264	<10	0.2	20600
P10	0.29	21.4	207	60	0.2	10600
P11	0.20	9.5	116	20	0.4	20400
P12	0.19	17.7	258	20	0.1	7030
P13	0.23	25.8	25	<10	0.4	33900
P14	0.22	14.0	76	<10	0.3	15200
P15	0.24	19.3	48	<10	0.3	22000
P16	0.19	24.9	35	<10	0.4	25500
P17	0.34	27.1	135	10	0.4	13800
P18	0.18	10.0	158	40	0.4	29300
P19	0.23	6.7	191	100	0.8	16300
P20	0.17	11.4	187	90	0.3	19000
P21	0.22	29.5	205	30	0.5	25400
P22	0.20	14.4	287	100	<0.1	13600
P23	0.16	15.3	163	70	0.6	14700
P24	0.19	128	166	30	0.7	15400
P25	0.22	31.8	148	50	0.3	21600
P26	0.20	18.9	162	30	0.4	18000
P27	0.21	13.4	191	<10	0.2	5670
P28	0.23	68.7	172	20	1.0	20800
P29	0.25	9.0	247	120	0.6	21800
P30	0.19	11.7	277	120	0.1	11300

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	0.17	11.5	127	60	0.6	70500
P32	0.23	10.2	66	30	0.7	36200
P33	0.18	28.3	276	180	0.9	15400
P34	0.26	16.7	149	90	0.5	17400
P35	0.20	12.3	240	30	0.4	9110
P36	0.26	19.0	69	<10	0.5	36300
P37	0.25	10.1	153	20	0.3	18000
P38	0.18	44.8	191	60	0.1	5700
P39	0.17	18.6	223	20	0.2	14400
P40	0.16	27.9	45	<10	0.5	21500
P41	0.22	39.9	68	<10	0.6	47300
P42	0.24	37.9	82	10	0.6	38300
P43	0.23	23.1	199	610	2.7	12900
P44	0.20	23.3	218	150	1.0	5690
P45	0.21	14.1	295	30	0.3	5800
P46	0.22	24.2	160	220	0.8	19900
P47	0.20	26.7	163	290	1.3	19200
P48	0.20	10.0	140	160	0.5	14500
P49	0.25	9.4	92	<10	0.6	34900
P50	0.22	12.4	164	140	0.4	10500
P51	0.25	39.2	150	80	0.3	9360
P52	0.26	8.0	272	180	0.9	20300
P53	0.20	10.5	275	<10	0.1	4540
P54	0.21	7.0	204	110	0.3	13700
P55	0.20	6.7	172	50	0.4	18700
P56	0.29	10.0	145	100	0.5	14900
P57	0.25	10.2	144	190	0.7	15400
P58	0.24	15.2	230	50	1.3	5260
P59	0.18	2.8	258	20	<0.1	6170
P60	0.23	11.9	150	50	0.3	16900

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P61	0.24	13.1	270	20	0.2	5520
P62	0.22	13.2	249	20	0.5	7930
P63	0.23	3.9	79	30	0.3	11600
P64	0.24	22.4	211	50	0.6	8730
P65	0.23	4.0	295	90	0.6	8150
P66	0.26	9.4	87	30	0.5	20500
P67	0.24	19.3	141	20	0.5	32000
P68	0.25	7.4	248	50	0.3	11200
P69	0.23	10.4	180	50	0.4	13200
P70	0.22	7.4	71	30	0.4	24900
P71	0.23	12.5	315	30	<0.1	7060
P72	0.29	6.4	215	50	0.2	10200
P73	0.33	19.5	46	<10	0.3	11400
P74	0.23	17.6	83	40	0.2	29700
P75	0.22	19.9	63	10	0.5	17400
P76	0.45	26.9	55	<10	0.5	14800
P77	0.29	16.5	93	10	0.3	12600
P78	0.40	4.4	204	70	0.5	10500
P79	0.21	36.6	280	30	0.3	14900
*Rep P23	-	14.5	180	70	0.4	14200
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Std AMIS0169	-	7.4	60	<10	0.3	1180
*Rep P36	-	20.9	73	<10	0.5	37500
*Rep P46	-	25.8	155	190	0.8	17300
*Std AMIS0169	-	7.2	46	<10	0.9	1160
*Rep P60	-	10.6	152	50	0.2	17700
*Rep P76	-	26.9	56	<10	0.3	14000
*Blk BLANK	-	<0.5	<1	<10	<0.1	20

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	<0.5	76	1	1780	71	<100
P2	0.6	119	5	382	102	<100
P3	0.8	218	4	2020	20	<100
P4	<0.5	42	4	709	26	<100
P5	1.2	69	3	805	44	<100
P6	1.2	108	6	1860	104	100
P7	0.7	174	4	3290	109	<100
P8	3.2	39	13	437	152	200
P9	<0.5	136	34	232	223	<100
P10	1.5	47	16	150	62	<100
P11	<0.5	284	10	650	105	<100
P12	0.6	18	23	98	120	<100
P13	<0.5	469	13	162	2	<100
P14	<0.5	316	24	124	13	<100
P15	<0.5	418	9	292	21	<100
P16	<0.5	545	2	320	8	<100
P17	<0.5	228	12	375	78	<100
P18	0.5	182	13	2520	84	<100
P19	1.4	117	7	502	65	100
P20	1.7	123	9	548	63	100
P21	<0.5	147	3	3230	83	<100
P22	1.3	15	4	124	255	200
P23	1.2	118	5	2260	63	<100
P24	0.7	148	22	525	61	<100
P25	0.6	98	2	1740	23	<100
P26	<0.5	112	<1	1520	43	<100
P27	<0.5	15	6	285	44	<100
P28	<0.5	40	6	3580	41	<100
P29	1.7	55	2	2830	108	200
P30	1.3	16	15	289	171	100

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	0.5	246	13	1880	40	<100
P32	<0.5	240	6	1230	7	<100
P33	2.4	43	11	1140	134	100
P34	1.3	129	14	812	78	100
P35	<0.5	28	39	410	196	<100
P36	<0.5	384	30	786	24	<100
P37	<0.5	151	16	600	94	<100
P38	1.4	29	22	222	133	100
P39	<0.5	168	4	122	34	<100
P40	<0.5	645	3	136	13	<100
P41	<0.5	517	13	605	38	<100
P42	<0.5	386	20	426	31	<100
P43	2.5	46	6	490	159	100
P44	<0.5	31	12	191	48	<100
P45	<0.5	40	5	1200	51	<100
P46	2.2	119	14	1570	70	<100
P47	3.8	75	12	2580	150	<100
P48	1.5	100	2	2320	72	<100
P49	<0.5	302	3	1730	15	<100
P50	0.9	53	4	541	67	100
P51	<0.5	7	5	178	43	<100
P52	1.4	46	7	936	218	200
P53	<0.5	11	11	40	61	<100
P54	1.3	56	6	292	45	100
P55	0.7	99	5	3740	115	<100
P56	1.3	107	11	1480	83	<100
P57	1.9	86	7	2040	58	<100
P58	<0.5	3	14	722	70	<100
P59	<0.5	47	7	596	101	<100
P60	0.6	166	8	1410	75	<100

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P61	<0.5	43	6	598	47	<100
P62	<0.5	48	8	814	66	<100
P63	<0.5	58	2	1130	61	<100
P64	0.7	77	6	1640	54	<100
P65	1.5	10	6	1640	76	100
P66	<0.5	215	3	1880	43	<100
P67	<0.5	263	5	3560	152	<100
P68	0.7	27	7	524	68	100
P69	0.9	116	6	1500	67	<100
P70	<0.5	213	4	1210	18	<100
P71	<0.5	14	11	321	116	<100
P72	<0.5	141	4	650	53	<100
P73	<0.5	380	5	366	7	<100
P74	0.7	172	7	1040	79	<100
P75	<0.5	406	4	436	17	<100
P76	<0.5	417	24	221	327	<100
P77	<0.5	56	2	19	66	<100
P78	0.6	97	10	638	86	<100
P79	<0.5	31	4	193	125	<100
*Rep P23	1.3	118	5	1940	62	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std AMIS0169	<0.5	33	1	814	93	<100
*Rep P36	<0.5	384	30	825	25	<100
*Rep P46	2.3	112	15	1470	77	<100
*Std AMIS0169	<0.5	31	1	732	79	<100
*Rep P60	0.6	150	9	1360	68	<100
*Rep P76	<0.5	413	26	276	279	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	<0.2	420	1410	803	249	9
P2	1.7	390	109	53.7	24.4	80
P3	1.1	1010	336	183	88.8	72
P4	1.4	360	88.4	37.9	25.3	39
P5	2.4	480	113	51.0	31.0	110
P6	2.3	560	236	110	63.9	122
P7	0.5	1560	678	346	170	56
P8	4.2	310	41.1	17.9	12.8	190
P9	0.3	660	173	95.2	27.8	83
P10	3.4	450	28.0	14.9	6.8	229
P11	0.9	1140	153	79.8	36.5	95
P12	1.6	170	18.9	8.3	4.1	89
P13	0.3	1080	75.7	39.1	21.4	10
P14	1.1	340	27.3	14.2	6.8	42
P15	0.4	940	56.2	26.7	16.6	29
P16	<0.2	1190	58.4	26.5	15.7	25
P17	0.3	480	78.2	36.6	18.0	51
P18	0.8	1450	355	177	89.1	62
P19	3.6	580	69.0	32.7	19.7	133
P20	4.0	500	78.0	34.4	21.4	145
P21	1.4	390	307	111	72.5	52
P22	8.7	280	11.0	4.5	3.1	160
P23	2.6	1030	336	169	83.5	120
P24	2.5	590	76.5	36.7	19.7	75
P25	5.1	260	136	65.1	41.0	83
P26	1.3	470	297	152	78.3	48
P27	1.1	690	103	51.6	19.5	131
P28	1.2	410	321	134	89.3	41
P29	5.6	470	109	33.8	28.9	161
P30	4.1	280	31.5	13.8	8.4	179

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Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	1.4	760	367	183	103	57
P32	0.5	640	253	118	69.7	23
P33	4.1	860	116	47.2	27.7	229
P34	1.9	670	92.9	42.5	25.8	150
P35	0.9	480	94.1	43.8	17.9	121
P36	0.2	2070	153	86.0	33.6	40
P37	0.9	1150	169	85.7	34.5	91
P38	4.9	280	19.9	8.5	5.9	94
P39	1.3	370	25.6	10.9	6.0	57
P40	0.2	1550	37.2	17.7	10.3	25
P41	<0.2	2390	152	86.4	35.7	18
P42	0.4	1560	112	56.3	27.2	46
P43	4.2	570	50.8	21.7	13.4	185
P44	2.3	130	20.2	9.0	5.2	74
P45	0.9	340	131	55.6	25.8	46
P46	4.3	1060	184	93.4	47.8	154
P47	4.4	1070	237	126	64.1	213
P48	1.8	400	238	94.8	65.2	108
P49	0.2	450	378	194	94.8	11
P50	3.4	230	45.4	19.7	12.9	102
P51	3.6	200	13.5	5.4	3.8	48
P52	5.6	410	65.9	25.6	17.1	130
P53	0.6	150	15.1	10.7	2.3	90
P54	3.3	230	21.9	9.5	6.0	137
P55	1.3	610	375	187	92.7	83
P56	1.6	660	168	75.1	42.7	119
P57	2.3	590	216	107	59.5	128
P58	2.5	280	48.0	18.3	11.8	55
P59	1.0	430	113	61.3	24.6	71
P60	1.3	550	149	71.9	41.9	84

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Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P61	1.2	310	81.2	39.0	17.2	73
P62	1.4	340	111	50.6	24.1	83
P63	4.1	340	96.2	43.3	31.6	42
P64	1.5	300	152	61.5	35.9	83
P65	3.8	530	121	45.3	28.9	131
P66	0.4	440	231	110	60.9	45
P67	0.3	940	581	290	132	40
P68	5.4	230	35.7	13.0	9.3	115
P69	2.5	330	148	71.4	40.1	99
P70	1.1	390	196	94.9	52.1	37
P71	2.9	170	29.0	12.5	6.3	82
P72	2.1	270	78.7	33.4	18.2	75
P73	0.6	750	46.9	22.2	12.2	24
P74	1.4	230	54.8	19.8	15.7	62
P75	0.5	510	58.0	27.8	16.2	30
P76	0.3	2530	41.7	24.0	9.2	118
P77	0.8	1590	5.9	4.9	1.0	322
P78	3.1	520	70.0	29.2	16.2	115
P79	2.0	150	19.9	9.1	4.5	59
*Rep P23	2.8	960	308	147	78.6	131
*Blk BLANK	<0.2	<10	0.9	0.3	0.2	<1
*Std AMIS0169	6.4	3140	26.3	10.9	10.4	43
*Rep P36	0.5	2200	164	85.9	38.0	43
*Rep P46	4.0	930	189	97.9	46.6	144
*Std AMIS0169	6.2	2860	23.5	10.2	9.2	36
*Rep P60	1.1	500	163	73.3	42.4	84
*Rep P76	0.4	2030	42.3	25.3	10.0	94
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1

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Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	16.5	1240	<1	<0.1	2.4	512
P2	11.1	110	<1	0.2	5.0	235
P3	19.2	416	1	0.2	5.8	1070
P4	9.6	103	<1	0.1	2.8	383
P5	18.5	138	<1	0.2	5.3	331
P6	23.8	292	<1	0.3	6.4	804
P7	24.5	746	1	0.2	4.8	1530
P8	22.0	48.5	<1	0.3	10.6	241
P9	5.8	133	<1	0.3	4.2	54
P10	15.5	28.4	<1	0.3	7.4	67
P11	8.4	164	<1	0.2	6.7	292
P12	7.7	13.2	<1	0.2	12.2	46
P13	2.2	97.0	<1	<0.1	6.5	104
P14	3.8	29.5	<1	<0.1	2.1	52
P15	2.7	67.0	<1	<0.1	2.3	110
P16	2.4	70.4	<1	<0.1	2.5	103
P17	5.4	80.2	<1	0.2	2.6	155
P18	17.2	405	<1	0.2	7.6	1060
P19	16.9	82.0	<1	0.3	8.7	226
P20	20.1	93.5	<1	0.3	10.5	277
P21	20.9	348	<1	0.1	5.1	1650
P22	16.1	11.5	<1	0.3	11.5	57
P23	23.7	387	1	0.2	4.8	986
P24	13.4	96.7	2	0.2	10.1	241
P25	15.5	179	<1	0.1	5.9	879
P26	14.5	346	<1	0.2	2.6	765
P27	8.9	91.6	<1	0.3	2.3	81
P28	22.8	376	1	0.1	9.5	1900
P29	29.8	138	1	0.2	11.0	1760
P30	20.2	35.7	<1	0.3	14.1	130

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	16.4	471	2	<0.1	11.4	955
P32	10.4	328	4	<0.1	8.0	616
P33	24.9	133	<1	0.4	14.7	527
P34	13.8	108	<1	0.2	7.8	420
P35	9.7	87.9	<1	0.3	3.7	142
P36	4.7	182	<1	<0.1	2.1	224
P37	7.5	164	<1	0.2	3.1	257
P38	10.1	20.7	<1	0.2	19.1	84
P39	10.7	22.3	<1	0.2	13.4	83
P40	1.9	46.4	<1	<0.1	4.9	67
P41	3.6	176	<1	<0.1	4.0	182
P42	4.0	127	<1	<0.1	2.6	183
P43	18.3	54.6	<1	0.3	11.4	283
P44	9.7	23.2	<1	0.1	9.1	97
P45	13.6	141	<1	0.2	4.6	533
P46	22.8	252	2	0.2	14.9	724
P47	24.8	332	3	0.3	19.4	962
P48	21.4	297	1	0.1	6.1	1090
P49	13.6	487	1	<0.1	3.1	867
P50	13.8	58.1	<1	0.1	9.2	261
P51	5.0	15.8	<1	0.1	9.4	86
P52	21.5	80.9	<1	0.3	9.4	479
P53	3.7	12.1	<1	0.2	6.4	15
P54	16.3	25.9	<1	0.2	8.5	163
P55	27.6	464	<1	0.1	5.7	1700
P56	20.1	202	<1	0.2	7.5	798
P57	23.3	294	1	0.1	8.2	1010
P58	10.4	51.4	<1	0.2	12.5	453
P59	11.1	118	<1	0.2	3.6	241
P60	18.2	200	<1	0.2	7.9	679

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Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ga GE_MMIM	Gd GE_MMIM	Hg GE_MMIM	In GE_MMIM	K GE_MMIM	La 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
P61	10.2	80.2	<1	0.2	5.3	241
P62	12.0	117	<1	0.2	7.1	341
P63	11.1	138	<1	<0.1	5.0	504
P64	18.9	177	<1	0.1	4.4	866
P65	22.8	135	<1	0.2	10.0	937
P66	14.6	316	<1	<0.1	2.9	875
P67	19.3	661	1	<0.1	1.7	1380
P68	18.1	42.1	<1	0.2	9.4	301
P69	22.9	199	<1	0.2	5.6	705
P70	11.2	250	<1	<0.1	4.8	661
P71	18.9	32.0	<1	0.2	6.2	159
P72	18.3	86.7	<1	0.2	5.9	352
P73	3.4	57.1	<1	<0.1	2.5	147
P74	11.1	77.4	<1	<0.1	10.2	677
P75	4.5	79.5	<1	<0.1	5.2	187
P76	2.6	44.2	<1	<0.1	1.9	113
P77	1.5	3.6	<1	<0.1	1.6	9
P78	13.0	78.8	<1	0.2	12.9	293
P79	11.1	20.7	<1	0.2	12.1	99
*Rep P23	24.9	358	1	0.2	5.0	932
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Std AMIS0169	17.1	41.8	<1	<0.1	37.7	445
*Rep P36	5.7	184	<1	<0.1	2.4	251
*Rep P46	22.2	239	2	0.2	14.3	719
*Std AMIS0169	13.1	36.5	<1	<0.1	38.4	416
*Rep P60	18.0	205	<1	0.1	7.2	658
*Rep P76	3.2	50.9	<1	<0.1	2.0	129
*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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	3	17.0	300	<2	<0.5	2640
P2	9	21.4	600	2	2.7	388
P3	4	29.8	900	4	3.3	1510
P4	3	4.7	200	3	2.1	427
P5	10	8.1	900	6	6.3	498
P6	15	16.2	1400	5	8.1	1040
P7	2	23.4	800	3	3.8	2370
P8	29	9.2	4100	7	7.4	218
P9	4	28.3	500	<2	<0.5	299
P10	25	8.7	1900	5	4.0	86
P11	7	54.2	2000	2	1.1	480
P12	4	2.8	3900	2	2.0	56
P13	6	71.1	200	<2	<0.5	225
P14	2	57.0	300	<2	<0.5	89
P15	1	40.0	1500	<2	<0.5	191
P16	5	101	300	<2	<0.5	179
P17	<1	40.2	300	<2	0.5	245
P18	4	20.7	2200	3	2.2	1540
P19	13	16.2	2300	6	7.1	292
P20	29	15.6	1400	6	5.2	338
P21	7	20.4	500	3	4.5	1410
P22	36	4.2	7400	9	5.9	45
P23	10	17.7	2800	9	6.0	1390
P24	8	21.6	2400	5	4.5	270
P25	12	18.6	1500	5	5.5	785
P26	2	7.9	700	2	2.1	1140
P27	1	2.7	200	<2	0.9	281
P28	3	12.8	200	2	5.5	1730
P29	25	11.0	1200	11	11.8	697
P30	22	4.8	5200	8	5.4	122

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	11	43.6	1800	3	2.5	1550
P32	2	45.8	400	2	1.1	1090
P33	25	9.2	3200	7	8.1	540
P34	10	14.3	2200	4	3.8	441
P35	6	7.5	1700	2	1.8	290
P36	3	58.5	700	<2	<0.5	424
P37	3	19.1	1100	2	0.9	452
P38	6	2.9	13300	9	2.4	92
P39	5	37.0	300	2	3.5	75
P40	<1	99.5	400	<2	<0.5	116
P41	<1	59.3	1800	<2	<0.5	363
P42	1	58.8	700	<2	<0.5	311
P43	21	6.5	4100	7	7.7	230
P44	13	6.7	800	2	4.3	87
P45	5	9.9	300	<2	3.0	586
P46	26	20.5	3000	7	7.4	943
P47	25	14.2	6700	9	7.7	1240
P48	8	15.3	1800	7	6.6	1260
P49	<1	51.3	200	<2	<0.5	1500
P50	12	8.8	1300	5	5.8	248
P51	5	2.2	700	4	2.5	73
P52	27	11.9	2700	6	8.3	387
P53	3	5.6	100	<2	<0.5	29
P54	22	10.5	800	6	6.1	113
P55	5	15.3	3100	4	5.2	2060
P56	9	18.4	1600	5	5.2	898
P57	12	14.8	2400	8	7.3	1230
P58	8	3.7	400	3	3.8	264
P59	5	11.3	300	<2	1.1	442
P60	8	19.9	900	4	3.8	766

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P61	4	12.8	100	<2	1.1	335
P62	8	11.0	700	<2	2.1	500
P63	5	9.2	2900	4	3.0	601
P64	6	10.2	300	3	5.3	832
P65	23	6.6	700	5	6.9	695
P66	1	41.6	700	2	1.9	1210
P67	<1	47.6	1000	<2	1.0	2120
P68	21	8.2	1200	6	6.0	193
P69	15	16.9	1000	5	5.1	760
P70	2	34.7	600	3	1.7	910
P71	20	9.0	600	<2	3.5	138
P72	11	24.9	400	4	4.6	355
P73	3	54.8	500	<2	<0.5	228
P74	7	20.5	1700	4	3.1	426
P75	2	35.7	400	<2	<0.5	261
P76	3	27.9	27400	<2	<0.5	168
P77	2	13.1	400	<2	<0.5	12
P78	15	16.4	2600	4	2.7	337
P79	27	16.7	200	3	3.8	82
*Rep P23	14	17.4	2800	8	6.6	1180
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Std AMIS0169	1	34.5	4200	3	2.7	356
*Rep P36	3	60.7	700	<2	<0.5	465
*Rep P46	26	18.0	3000	7	6.8	970
*Std AMIS0169	2	32.1	3300	2	1.9	350
*Rep P60	8	23.1	800	3	3.4	802
*Rep P76	3	27.0	23400	2	<0.5	190
*Blk BLANK	<1	<0.5	<100	<2	<0.5	1

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ni GE_MMIM	P GE_MMIM	Pb GE_MMIM	Pd GE_MMIM	Pr GE_MMIM	Pt GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P1	194	<0.1	378	<1	500	<0.1
P2	413	0.8	323	<1	85.0	<0.1
P3	664	1.1	298	<1	345	<0.1
P4	42	0.9	642	<1	109	<0.1
P5	86	2.7	449	<1	109	<0.1
P6	194	2.0	513	<1	244	<0.1
P7	497	0.6	622	<1	535	<0.1
P8	187	4.3	521	<1	54.3	<0.1
P9	623	0.3	574	<1	56.2	<0.1
P10	264	5.3	507	<1	20.6	<0.1
P11	613	0.5	236	<1	96.5	<0.1
P12	139	2.5	577	<1	12.9	<0.1
P13	566	<0.1	38	<1	42.9	<0.1
P14	290	0.4	192	<1	18.5	<0.1
P15	510	<0.1	79	<1	42.9	<0.1
P16	422	<0.1	88	<1	39.3	<0.1
P17	433	0.3	289	<1	55.7	<0.1
P18	476	0.9	352	<1	346	<0.1
P19	205	2.3	629	<1	69.2	<0.1
P20	274	3.5	453	<1	79.3	<0.1
P21	145	0.6	617	<1	389	<0.1
P22	147	5.0	700	<1	12.0	<0.1
P23	259	2.0	5430	<1	313	<0.1
P24	201	0.9	27700	<1	74.9	<0.1
P25	150	1.1	329	<1	201	<0.1
P26	160	1.1	417	<1	267	<0.1
P27	357	3.0	320	<1	58.5	<0.1
P28	60	0.6	710	<1	449	<0.1
P29	157	3.5	816	<1	231	<0.1
P30	185	10.3	569	<1	32.6	<0.1

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	567	0.8	376	<1	342	<0.1
P32	524	0.4	325	<1	239	<0.1
P33	281	5.0	714	<1	147	<0.1
P34	522	3.9	391	<1	118	<0.1
P35	340	1.9	643	<1	64.2	<0.1
P36	2630	<0.1	230	<1	86.5	<0.1
P37	812	0.7	307	<1	94.0	<0.1
P38	96	4.6	472	<1	22.0	<0.1
P39	214	1.3	676	<1	19.6	<0.1
P40	465	<0.1	49	<1	23.4	<0.1
P41	1670	<0.1	337	<1	74.5	<0.1
P42	1880	0.2	249	<1	67.5	<0.1
P43	210	3.9	598	<1	61.4	<0.1
P44	100	2.7	469	<1	22.5	<0.1
P45	113	0.7	633	<1	138	<0.1
P46	684	4.1	757	<1	207	<0.1
P47	391	4.5	873	<1	284	<0.1
P48	143	2.4	429	<1	306	<0.1
P49	363	<0.1	400	<1	302	<0.1
P50	84	2.7	610	<1	58.2	<0.1
P51	53	1.5	511	<1	19.4	<0.1
P52	195	2.1	724	<1	91.9	<0.1
P53	142	0.4	213	<1	5.7	<0.1
P54	123	2.9	561	<1	29.7	<0.1
P55	241	1.5	355	<1	432	<0.1
P56	328	2.6	426	<1	206	<0.1
P57	266	3.6	501	<1	279	<0.1
P58	76	1.7	1060	<1	62.2	<0.1
P59	293	1.4	404	<1	87.8	<0.1
P60	267	1.5	213	<1	196	<0.1

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ni GE_MMIM	P GE_MMIM	Pb GE_MMIM	Pd GE_MMIM	Pr GE_MMIM	Pt GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P61	211	0.9	385	<1	74.6	<0.1
P62	192	1.0	328	<1	110	<0.1
P63	67	1.5	218	<1	135	<0.1
P64	122	1.4	600	<1	200	<0.1
P65	114	2.5	547	<1	180	<0.1
P66	200	0.4	260	<1	256	<0.1
P67	531	0.3	349	<1	459	<0.1
P68	102	4.5	345	<1	49.4	<0.1
P69	179	2.3	319	<1	192	<0.1
P70	176	0.6	246	<1	196	<0.1
P71	141	1.6	299	<1	33.9	<0.1
P72	224	0.9	356	<1	83.3	<0.1
P73	342	<0.1	93	<1	44.7	<0.1
P74	125	1.1	247	<1	112	<0.1
P75	250	<0.1	112	<1	55.4	<0.1
P76	1670	<0.1	42	<1	36.0	<0.1
P77	479	0.7	14	<1	2.4	<0.1
P78	209	1.8	285	<1	75.9	<0.1
P79	271	1.1	1160	<1	20.6	<0.1
*Rep P23	265	2.2	5550	<1	287	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std AMIS0169	418	2.1	114	<1	104	<0.1
*Rep P36	2540	<0.1	224	<1	99.3	<0.1
*Rep P46	669	4.0	697	<1	209	<0.1
*Std AMIS0169	317	1.8	96	<1	88.6	<0.1
*Rep P60	258	1.4	240	<1	187	<0.1
*Rep P76	1580	0.1	47	<1	41.0	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P1	27	<0.5	523	874	<1	960
P2	73	2.7	68	87	<1	860
P3	46	4.8	229	356	<1	1120
P4	83	1.8	83	90	<1	220
P5	104	4.8	106	122	1	320
P6	75	6.2	194	257	1	670
P7	40	4.4	530	605	<1	1060
P8	120	11.5	83	46	2	310
P9	37	<0.5	100	89	<1	1810
P10	107	6.0	58	25	1	330
P11	48	3.7	134	128	<1	1810
P12	126	1.8	38	13	<1	160
P13	29	0.7	43	71	<1	3360
P14	109	1.6	22	26	<1	1730
P15	38	2.2	34	53	<1	2280
P16	24	1.2	22	52	<1	2950
P17	20	1.7	75	65	<1	1530
P18	49	4.8	237	355	<1	1030
P19	116	9.0	113	75	1	580
P20	82	7.6	104	78	1	580
P21	94	3.9	213	278	<1	1200
P22	226	8.4	59	11	1	140
P23	79	15.8	298	331	1	580
P24	46	6.2	113	76	1	710
P25	152	6.4	128	167	<1	610
P26	65	2.6	265	283	<1	510
P27	63	0.7	98	71	<1	180
P28	68	3.0	220	342	<1	430
P29	182	12.2	122	121	2	350
P30	117	6.8	53	32	1	170

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	28	5.8	211	387	<1	1960
P32	31	3.6	68	281	<1	1860
P33	99	15.8	168	115	2	240
P34	68	8.1	114	97	<1	570
P35	51	2.9	82	70	<1	330
P36	26	1.7	139	135	<1	2710
P37	62	2.5	138	123	<1	900
P38	222	8.3	52	21	<1	160
P39	113	1.8	53	18	<1	1180
P40	42	1.3	23	33	<1	3650
P41	19	1.6	125	118	<1	3300
P42	37	2.7	92	92	<1	2240
P43	118	23.0	100	50	1	270
P44	146	4.1	33	19	1	210
P45	73	1.8	76	119	<1	410
P46	69	17.4	162	225	2	660
P47	81	26.8	202	312	2	410
P48	77	11.1	177	259	1	550
P49	21	1.1	179	381	<1	2510
P50	111	5.9	62	55	<1	330
P51	168	3.8	29	15	<1	90
P52	155	11.5	110	75	2	450
P53	42	<0.5	22	7	<1	190
P54	111	9.1	47	23	1	430
P55	59	4.5	254	435	<1	690
P56	55	7.2	142	191	<1	540
P57	58	16.5	147	267	1	480
P58	109	4.2	64	48	<1	40
P59	80	0.8	84	99	<1	550
P60	53	3.1	136	185	<1	910

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P61	92	1.1	85	65	<1	470
P62	51	1.5	75	98	<1	490
P63	110	2.8	78	134	<1	410
P64	111	4.2	102	163	<1	510
P65	145	8.1	126	126	2	110
P66	47	2.7	159	273	<1	1490
P67	31	1.7	343	544	<1	2080
P68	202	4.4	64	40	1	210
P69	111	4.3	118	181	2	650
P70	85	2.4	92	212	<1	1510
P71	164	1.4	45	28	1	220
P72	80	3.1	78	70	1	1050
P73	33	0.6	11	50	<1	1490
P74	72	4.4	40	75	<1	1210
P75	29	1.1	32	67	<1	1870
P76	24	1.8	57	36	<1	2720
P77	72	1.1	25	2	<1	710
P78	69	4.6	53	71	<1	510
P79	114	3.0	38	18	<1	500
*Rep P23	78	15.6	280	293	1	600
*Blk BLANK	<1	<0.5	<5	1	<1	<10
*Std AMIS0169	217	1.0	51	56	<1	80
*Rep P36	31	2.0	141	139	<1	2740
*Rep P46	68	15.9	150	217	2	590
*Std AMIS0169	222	0.6	44	52	<1	80
*Rep P60	51	2.9	123	175	<1	970
*Rep P76	29	1.9	57	44	<1	2330
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P1	<1	203	20	23.6	60	0.2
P2	<1	16.8	<10	41.1	1080	0.4
P3	<1	59.6	<10	107	1430	0.3
P4	<1	14.5	<10	54.4	900	0.5
P5	<1	19.2	<10	90.5	2640	0.6
P6	<1	39.2	<10	89.5	2930	0.5
P7	<1	108	<10	151	1650	0.2
P8	<1	7.1	<10	89.2	2850	0.8
P9	<1	25.0	<10	27.4	70	<0.1
P10	<1	4.4	<10	51.9	1120	0.7
P11	<1	24.3	<10	59.4	440	0.2
P12	<1	2.8	<10	41.8	750	0.3
P13	<1	12.8	<10	23.5	<10	0.2
P14	<1	4.6	<10	10.4	140	0.4
P15	<1	9.2	<10	18.9	30	0.2
P16	<1	9.1	<10	25.1	<10	<0.1
P17	<1	11.7	<10	35.0	280	0.1
P18	<1	58.4	<10	90.7	1000	0.3
P19	<1	11.8	<10	146	2500	0.8
P20	<1	13.1	<10	91.7	1910	0.7
P21	<1	48.7	<10	73.7	1940	0.7
P22	<1	1.8	<10	63.8	1750	0.9
P23	<1	56.6	<10	88.4	2540	0.5
P24	<1	12.3	<10	75.3	2100	0.4
P25	<1	23.9	<10	77.3	2260	0.7
P26	<1	50.0	<10	60.6	980	0.4
P27	<1	15.5	<10	21.0	270	0.2
P28	<1	54.7	<10	71.4	1950	0.5
P29	<1	20.0	<10	181	4030	1.4
P30	<1	5.2	<10	57.9	1580	0.8

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P31	<1	63.7	<10	64.2	1000	0.3
P32	<1	46.0	<10	59.2	340	0.1
P33	<1	19.3	<10	183	2410	0.8
P34	<1	15.8	<10	101	1270	0.4
P35	<1	15.1	<10	38.8	660	0.3
P36	<1	25.3	<10	32.5	20	0.2
P37	<1	26.5	<10	50.7	350	0.2
P38	<1	3.6	<10	74.0	630	0.5
P39	<1	3.8	<10	45.3	1490	0.3
P40	<1	6.7	<10	18.0	<10	0.1
P41	<1	23.5	<10	49.6	<10	<0.1
P42	<1	18.3	<10	33.5	100	0.2
P43	<1	8.5	<10	151	2560	0.7
P44	<1	3.4	20	37.9	1270	0.4
P45	<1	22.7	20	38.2	1160	0.3
P46	<1	34.2	<10	162	1980	0.7
P47	<1	46.1	<10	244	1790	0.6
P48	<1	43.4	<10	112	2600	0.5
P49	<1	64.7	<10	31.9	100	0.2
P50	<1	7.8	<10	70.5	2240	0.7
P51	<1	2.2	<10	67.6	730	0.9
P52	<1	12.0	<10	161	3470	1.0
P53	<1	2.3	<10	10.0	240	0.1
P54	<1	3.8	20	69.7	2580	0.7
P55	<1	67.2	<10	87.6	2240	0.3
P56	<1	29.0	<10	129	1830	0.3
P57	<1	39.9	<10	148	2280	0.4
P58	<1	8.8	<10	110	1370	0.5
P59	<1	18.3	<10	20.8	630	0.4
P60	<1	27.1	<10	56.1	1600	0.2

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P61	<1	13.9	<10	26.8	550	0.3
P62	<1	18.8	<10	52.2	840	0.4
P63	<1	18.6	<10	99.8	850	0.5
P64	<1	27.9	<10	90.7	1940	0.5
P65	<1	21.5	<10	165	2370	0.9
P66	<1	42.5	<10	59.4	840	0.2
P67	<1	91.4	<10	75.1	520	0.1
P68	<1	6.7	<10	99.2	1920	0.8
P69	<1	27.2	<10	89.8	2070	0.5
P70	<1	34.2	<10	53.2	650	0.3
P71	<1	4.7	<10	25.0	1460	0.9
P72	<1	12.6	<10	47.6	1690	0.6
P73	<1	8.8	<10	26.6	80	0.2
P74	<1	11.1	<10	77.4	870	0.2
P75	<1	10.2	<10	38.6	150	0.2
P76	<1	6.5	<10	18.4	50	0.1
P77	<1	0.7	<10	14.6	160	0.3
P78	<1	13.3	<10	54.0	760	0.5
P79	<1	3.4	<10	35.0	1690	0.4
*Rep P23	<1	49.1	<10	83.3	2540	0.6
*Blk BLANK	<1	0.1	<10	1.2	<10	<0.1
*Std AMIS0169	<1	5.1	<10	73.0	410	1.3
*Rep P36	<1	25.7	<10	37.8	50	0.2
*Rep P46	<1	34.0	<10	136	1810	0.6
*Std AMIS0169	<1	4.5	<10	58.7	350	1.2
*Rep P60	<1	27.9	<10	60.4	1470	0.3
*Rep P76	<1	7.2	<10	20.8	60	0.1
*Blk BLANK	<1	<0.1	<10	0.6	<10	<0.1

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P1	110	2.4	9950	696	10	30
P2	25.2	0.8	651	39.8	120	59
P3	68.1	2.1	2130	134	70	128
P4	25.0	0.8	422	27.6	40	66
P5	39.2	1.9	569	34.8	80	134
P6	53.0	1.9	1480	79.2	160	141
P7	127	1.9	4020	299	50	124
P8	17.1	2.4	201	13.4	550	166
P9	22.9	<0.5	1050	74.6	480	16
P10	13.0	1.2	146	11.4	600	114
P11	25.9	0.6	978	57.4	230	123
P12	8.7	0.6	82	6.2	100	44
P13	20.5	<0.5	505	30.2	210	23
P14	13.4	<0.5	154	10.0	140	18
P15	40.2	<0.5	322	20.1	60	27
P16	52.6	<0.5	352	20.6	60	38
P17	26.7	<0.5	429	28.6	90	33
P18	97.8	1.3	2280	110	280	138
P19	36.9	2.1	305	24.4	200	247
P20	24.2	1.9	403	25.8	260	151
P21	67.4	1.5	2000	59.3	70	113
P22	10.2	1.8	48	3.7	230	131
P23	44.2	2.7	2070	122	960	168
P24	37.1	1.4	429	30.4	1260	131
P25	26.1	1.3	834	52.8	60	158
P26	77.7	1.3	1950	109	30	73
P27	43.7	<0.5	511	37.0	10	32
P28	51.0	1.1	1850	92.8	40	104
P29	49.2	3.0	486	19.2	170	271
P30	17.9	1.6	140	10.2	170	100

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P31	34.0	1.9	2440	142	220	96
P32	51.6	0.7	1520	90.3	170	54
P33	42.4	2.3	556	30.8	500	293
P34	34.0	1.5	487	33.6	450	176
P35	23.2	0.7	503	29.0	630	61
P36	76.1	<0.5	1180	65.9	580	73
P37	59.7	0.6	1170	62.8	140	68
P38	16.2	1.0	80	6.5	330	95
P39	14.8	0.9	143	7.7	100	71
P40	29.4	<0.5	222	12.1	<10	18
P41	62.6	<0.5	1070	75.9	20	53
P42	40.2	<0.5	659	45.2	150	77
P43	34.7	2.5	224	16.7	180	293
P44	6.9	1.0	93	6.4	90	67
P45	21.3	0.7	766	34.2	40	52
P46	42.2	2.9	988	76.6	530	171
P47	48.9	2.5	1290	94.8	750	275
P48	38.7	2.5	1200	67.1	100	164
P49	43.7	0.5	2400	151	40	35
P50	15.9	1.6	211	14.7	100	105
P51	7.0	0.6	55	4.2	60	77
P52	31.1	2.5	337	16.0	200	268
P53	4.8	<0.5	86	7.7	190	18
P54	11.3	1.9	99	6.7	200	145
P55	57.2	1.9	2440	119	100	130
P56	37.4	2.2	829	53.8	250	116
P57	38.8	2.4	1160	77.3	310	170
P58	29.2	0.7	197	10.7	70	178
P59	21.1	<0.5	680	43.2	70	32
P60	37.8	1.3	857	47.4	190	107

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



Order Number MEGA/ 79 of 320 Soil (MMI)
 Submission Number MEGA/ 79 of 320 Soil (MMI)
 Number of Samples 79

ANALYSIS REPORT BBM19-00882

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
P61	24.6	<0.5	469	23.7	40	36
P62	43.1	0.6	601	32.2	130	88
P63	28.2	1.5	454	27.1	60	118
P64	28.2	1.3	841	34.2	60	106
P65	49.8	1.7	566	26.1	230	233
P66	74.5	0.9	1250	82.5	60	57
P67	128	1.0	3730	225	50	55
P68	21.4	1.9	145	8.3	160	137
P69	35.5	2.0	776	47.2	120	118
P70	46.4	1.2	1070	72.2	70	53
P71	10.2	0.9	155	8.7	190	52
P72	21.3	1.4	450	21.8	90	63
P73	57.4	<0.5	261	15.2	40	21
P74	25.1	2.0	275	12.3	90	64
P75	32.9	<0.5	345	21.3	30	34
P76	65.6	<0.5	246	21.0	110	41
P77	18.2	<0.5	26	4.4	30	20
P78	39.3	0.7	357	15.7	370	96
P79	9.6	0.6	104	5.9	80	66
*Rep P23	42.6	2.7	1770	113	980	167
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std AMIS0169	21.8	1.2	101	9.4	190	49
*Rep P36	82.0	<0.5	1120	67.7	620	83
*Rep P46	37.6	2.4	985	71.4	550	159
*Std AMIS0169	18.3	0.8	101	7.6	180	37
*Rep P60	41.6	1.3	811	51.6	200	109
*Rep P76	61.2	<0.5	296	23.4	130	47
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2

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



ANALYSIS REPORT BBM19-00883

To GORDON RICHARDS
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA V4K 4W6
BC
CANADA

Order Number	MEGA/ 3 of 320 Soil (MMI)	Date Received	26-Aug-2019
Submission Number	MEGA/ 3 of 320 Soil (MMI)	Date Analysed	28-Aug-2019 - 26-Sep-2019
Number of Samples	3	Date Completed	30-Sep-2019
		SGS Order Number	BBM19-00883

Methods Summary

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

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

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MIN-M_COA_ROW-Last Modified Date: 24-Jul-2019



Order Number MEGA/ 3 of 320 Soil (MMI)
 Submission Number MEGA/ 3 of 320 Soil (MMI)
 Number of Samples 3

ANALYSIS REPORT BBM19-00883

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
P81	0.21	7.2	287	230	0.1	9310
P82	0.21	14.4	267	30	0.1	11000
P83	0.30	11.3	51	30	0.5	21400
*Std AMIS0169	-	7.2	46	<10	0.9	1160
*Blk BLANK	-	<0.5	<1	<10	<0.1	20

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
P81	2.7	33	26	288	145	200
P82	<0.5	35	4	78	107	<100
P83	<0.5	262	6	572	18	<100
*Std AMIS0169	<0.5	31	1	732	79	<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	ppb	ppb	ppb	ppb	ppb	ppm m / m
P81	11.1	180	22.7	9.9	4.7	253
P82	2.2	270	17.1	8.0	3.0	67
P83	0.5	650	86.7	45.1	22.9	41
*Std AMIS0169	6.2	2860	23.5	10.2	9.2	36
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1

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



Order Number MEGA/ 3 of 320 Soil (MMI)
 Submission Number MEGA/ 3 of 320 Soil (MMI)
 Number of Samples 3

ANALYSIS REPORT BBM19-00883

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
P81	41.7	25.4	<1	0.3	19.8	153
P82	10.4	12.4	<1	0.3	18.2	39
P83	7.1	111	<1	<0.1	3.1	277
*Std AMIS0169	13.1	36.5	<1	<0.1	38.4	416
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1

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
P81	73	15.1	2500	12	13.0	119
P82	9	33.1	1600	2	2.4	40
P83	2	36.8	800	3	1.0	421
*Std AMIS0169	2	32.1	3300	2	1.9	350
*Blk BLANK	<1	<0.5	<100	<2	<0.5	1

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
P81	149	9.6	447	<1	28.8	<0.1
P82	372	1.3	967	<1	9.0	<0.1
P83	384	0.5	139	<1	85.7	<0.1
*Std AMIS0169	317	1.8	96	<1	88.6	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1

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



Order Number MEGA/ 3 of 320 Soil (MMI)
 Submission Number MEGA/ 3 of 320 Soil (MMI)
 Number of Samples 3

ANALYSIS REPORT BBM19-00883

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
P81	175	12.1	84	25	4	260
P82	155	1.3	36	9	<1	630
P83	36	2.5	52	95	<1	1630
*Std AMIS0169	222	0.6	44	52	<1	80
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

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
P81	<1	3.9	<10	86.6	3980	1.5
P82	<1	2.6	<10	31.0	1000	0.4
P83	<1	16.3	<10	39.2	540	0.1
*Std AMIS0169	<1	4.5	<10	58.7	350	1.2
*Blk BLANK	<1	<0.1	<10	0.6	<10	<0.1

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P81	12.0	3.6	100	7.1	690	134
P82	10.9	0.7	77	5.1	80	46
P83	38.0	0.8	495	33.0	110	57
*Std AMIS0169	18.3	0.8	101	7.6	180	37
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2

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



ANALYSIS REPORT BBM19-00884

To GORDON RICHARDS
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA V4K 4W6
BC
CANADA

Order Number	MEGA/ 40 of 320 Soil (MMI)	Date Received	26-Aug-2019
Submission Number	MEGA/ 40 of 320 Soil (MMI)	Date Analysed	28-Aug-2019 - 25-Sep-2019
Number of Samples	40	Date Completed	25-Sep-2019
		SGS Order Number	BBM19-00884

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
40	G_LOG	Sample Registration Fee
40	G_WGH_KG	Weight of samples received
40	GE_MMIM	Mobile Metal ION standard package,ICP-MS

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 MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P85	0.19	26.6	220	10	0.4	14300
P86	0.17	12.3	166	<10	0.3	23700
P87	0.25	5.9	191	120	0.4	20600
P88	0.32	4.9	194	40	0.5	9180
P89	0.19	1.1	132	<10	0.1	9000
P90	0.24	7.0	120	60	0.4	28100
P91	0.22	12.5	134	20	0.3	22400
P92	0.18	12.1	356	90	0.2	18700
P93	0.25	13.3	327	130	0.1	19800
P94	0.36	25.0	69	30	0.5	49200
P95	0.35	46.6	13	<10	0.6	44200
P96	0.30	8.5	84	40	0.5	23200
P97	0.24	7.2	210	70	0.2	12500
P98	0.16	40.8	202	140	1.2	16300
P99	0.22	16.8	178	30	0.5	21600
P100	0.23	24.6	74	<10	0.8	44800
P101	0.22	19.8	124	60	0.5	19700
P102	0.33	5.3	26	30	0.5	30500
P103	0.37	11.7	189	80	0.3	17400
P104	0.27	18.8	247	90	0.2	15200
P105	0.31	10.4	222	80	0.1	12300
P106	0.29	36.3	199	30	0.5	17800
P107	0.25	17.7	253	50	0.3	14800
P108	0.22	6.6	146	70	0.5	26100
P109	0.14	11.9	150	30	0.3	12000
P110	0.26	10.3	131	60	0.2	20000
P111	0.20	32.3	190	20	0.3	14100
P112	0.21	9.9	152	20	0.5	19600
P113	0.18	10.0	279	250	0.2	9330
P114	0.25	15.6	194	140	1.0	17400

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

Element Method	Wtkg G_WGH_KG	Ag GE_MMIM	Al GE_MMIM	As GE_MMIM	Au GE_MMIM	Ba GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
P115	0.24	13.7	239	130	0.3	19400
P116	0.22	28.2	100	60	0.5	28900
P117	0.32	9.5	120	60	0.5	26200
P118	0.26	30.4	72	<10	0.4	16800
P119	0.28	53.8	16	<10	0.3	27900
P120	0.23	20.4	212	80	0.5	14800
P121	0.24	72.5	284	40	0.2	11500
P122	0.20	54.0	7	<10	0.6	31200
P123	0.27	35.6	50	10	0.4	24100
P124	0.35	34.5	67	<10	0.9	17200
*Rep P92	-	11.7	374	90	0.2	18100
*Std AMIS0169	-	7.8	60	10	0.8	990
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep P118	-	29.8	75	<10	0.3	16200

Element Method	Bi GE_MMIM	Ca GE_MMIM	Cd GE_MMIM	Ce GE_MMIM	Co GE_MMIM	Cr GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P85	<0.5	248	2	940	170	<100
P86	<0.5	242	4	797	164	<100
P87	2.3	97	5	731	69	200
P88	<0.5	14	3	66	48	<100
P89	<0.5	32	7	7	162	<100
P90	1.0	184	5	1100	46	<100
P91	<0.5	253	4	486	54	<100
P92	1.4	22	6	304	116	100
P93	2.3	41	7	246	83	100
P94	<0.5	385	9	750	63	<100

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P95	<0.5	652	8	113	37	<100
P96	0.6	185	5	1710	27	<100
P97	1.2	44	11	229	232	100
P98	2.6	54	6	290	170	<100
P99	<0.5	248	7	1020	156	<100
P100	<0.5	557	4	879	21	<100
P101	1.1	191	10	616	209	<100
P102	<0.5	177	6	361	16	<100
P103	2.2	156	15	265	117	100
P104	1.9	5	22	159	153	100
P105	1.6	48	8	491	112	100
P106	<0.5	93	11	2800	92	<100
P107	1.0	59	3	379	69	100
P108	1.3	116	3	5820	81	<100
P109	0.6	46	5	577	64	<100
P110	1.5	62	2	2680	186	100
P111	<0.5	131	3	1500	46	<100
P112	<0.5	209	4	3580	143	<100
P113	1.9	12	6	176	61	100
P114	1.4	100	5	1710	48	100
P115	2.0	72	16	320	157	100
P116	2.0	279	16	579	99	<100
P117	0.8	184	6	726	62	<100
P118	<0.5	419	18	284	6	<100
P119	<0.5	409	12	197	6	<100
P120	0.9	131	9	425	54	<100
P121	0.8	66	9	241	133	<100
P122	<0.5	561	10	25	11	<100
P123	<0.5	400	15	472	18	<100
P124	<0.5	481	46	347	439	<100

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
*Rep P92	1.3	25	6	314	114	200
*Std AMIS0169	<0.5	34	1	788	98	<100
*Blk BLANK	<0.5	<2	<1	2	<1	<100
*Rep P118	<0.5	402	19	280	7	<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	ppb	ppb	ppb	ppb	ppb	ppm m / m
P85	0.4	250	105	53.4	22.1	44
P86	0.4	320	125	54.0	28.2	33
P87	4.3	480	67.1	30.4	18.8	162
P88	1.1	550	10.8	6.8	2.0	200
P89	0.4	30	4.1	5.6	0.4	181
P90	1.0	600	134	67.3	36.1	85
P91	1.2	510	67.2	29.8	16.6	43
P92	6.6	260	37.4	16.0	8.1	184
P93	7.2	290	36.8	18.8	8.5	199
P94	0.5	980	133	70.8	35.0	46
P95	<0.2	1600	31.1	15.3	9.0	11
P96	1.1	430	177	79.3	50.2	55
P97	3.7	500	14.4	6.3	4.2	97
P98	3.7	460	28.4	12.2	7.4	135
P99	1.1	700	195	94.9	42.7	58
P100	<0.2	1450	247	139	57.3	14
P101	2.1	380	42.9	14.6	11.5	78
P102	0.6	450	56.5	23.7	16.9	24
P103	3.9	480	29.9	14.3	8.3	178
P104	4.7	240	15.1	6.3	4.3	128

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P105	4.1	230	53.2	25.2	14.8	146
P106	1.0	580	312	143	73.7	52
P107	3.6	400	43.3	16.1	10.0	92
P108	2.1	770	484	210	140	91
P109	1.5	360	124	60.8	27.6	46
P110	3.3	430	94.8	35.3	24.6	107
P111	1.0	600	223	104	49.9	45
P112	0.3	650	576	307	144	36
P113	5.8	200	19.9	9.5	4.9	209
P114	3.6	500	118	42.5	33.9	140
P115	3.7	280	28.5	12.5	8.0	175
P116	1.1	400	51.8	22.0	15.3	110
P117	1.4	490	91.0	42.2	24.5	90
P118	0.4	660	72.5	34.4	16.6	52
P119	<0.2	610	49.9	24.3	14.5	11
P120	1.2	300	66.8	32.0	15.9	110
P121	3.8	180	36.4	18.2	7.7	138
P122	0.2	680	8.8	3.6	2.9	5
P123	0.5	950	72.8	35.1	20.2	32
P124	0.2	1310	49.8	29.4	12.0	39
*Rep P92	6.5	260	35.0	16.4	8.1	191
*Std AMIS0169	6.2	3320	27.9	11.8	11.0	42
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep P118	0.4	690	68.1	36.4	17.4	50

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P85	9.9	109	<1	0.2	7.7	494
P86	7.6	131	<1	0.1	6.9	352
P87	27.7	79.0	<1	0.2	11.3	370
P88	6.2	8.8	<1	<0.1	11.3	32
P89	4.2	0.9	<1	0.2	10.5	4
P90	16.0	169	<1	0.1	7.4	488
P91	9.6	79.3	<1	<0.1	11.1	226
P92	36.4	37.0	<1	0.3	14.0	133
P93	36.1	39.1	<1	0.3	19.5	117
P94	8.3	175	<1	<0.1	3.1	391
P95	1.4	42.9	<1	<0.1	2.8	47
P96	15.4	230	<1	<0.1	10.5	702
P97	10.5	17.4	<1	0.2	17.1	74
P98	13.5	30.3	1	0.2	12.3	147
P99	13.1	208	<1	0.1	9.0	500
P100	6.4	286	<1	<0.1	3.2	352
P101	11.4	49.7	<1	0.1	18.9	322
P102	4.2	75.5	<1	<0.1	4.1	194
P103	19.8	34.9	<1	0.3	14.8	117
P104	12.7	15.7	<1	0.3	8.7	86
P105	16.9	61.9	<1	0.2	12.1	247
P106	20.0	341	<1	0.2	4.0	1070
P107	18.1	40.1	<1	0.2	6.2	215
P108	39.1	638	1	0.2	4.2	2760
P109	9.9	134	<1	0.1	8.4	241
P110	19.7	109	1	0.2	9.5	1420
P111	14.0	250	<1	0.2	5.5	567
P112	22.8	694	<1	0.1	3.6	1570
P113	23.7	20.2	<1	0.2	16.1	80
P114	25.1	148	<1	0.2	14.3	834

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

Element Method	Ga GE_MMIM	Gd GE_MMIM	Hg GE_MMIM	In GE_MMIM	K GE_MMIM	La 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
P115	25.1	33.0	<1	0.3	17.0	150
P116	9.2	66.4	<1	0.1	21.6	305
P117	12.2	109	<1	0.1	6.1	384
P118	3.2	78.9	<1	<0.1	1.7	122
P119	2.0	71.0	2	<0.1	7.9	102
P120	14.9	72.1	<1	0.2	11.0	207
P121	22.7	37.3	<1	0.2	8.1	118
P122	<0.5	11.8	3	<0.1	4.8	11
P123	4.7	95.0	<1	<0.1	5.1	188
P124	3.2	59.6	<1	<0.1	4.1	129
*Rep P92	36.0	34.5	<1	0.3	13.7	148
*Std AMIS0169	17.2	40.5	<1	<0.1	40.4	439
*Bik BLANK	<0.5	<0.5	<1	<0.1	<0.5	1
*Rep P118	2.8	79.1	<1	<0.1	1.8	127

Element Method	Li GE_MMIM	Mg GE_MMIM	Mn GE_MMIM	Mo GE_MMIM	Nb GE_MMIM	Nd GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P85	5	63.5	400	<2	2.4	490
P86	2	52.4	600	<2	1.0	449
P87	25	15.2	3000	10	8.9	394
P88	4	4.5	300	3	3.3	40
P89	14	8.5	300	<2	<0.5	4
P90	4	27.2	1300	5	5.6	655
P91	4	37.4	300	3	2.4	286
P92	67	12.9	800	8	8.3	144
P93	58	13.8	2400	9	8.8	160
P94	2	27.1	5700	2	0.9	628

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P95	2	96.7	4600	4	<0.5	109
P96	3	28.5	1000	4	2.8	969
P97	21	6.3	11800	5	3.4	74
P98	22	5.4	1000	6	7.8	128
P99	11	46.0	1900	2	2.4	752
P100	2	80.9	700	<2	<0.5	751
P101	8	18.2	4700	4	4.1	244
P102	<1	19.4	1100	3	0.6	296
P103	23	21.0	4200	8	4.8	140
P104	19	2.7	4400	8	5.3	72
P105	24	9.2	6700	6	5.3	280
P106	4	13.1	500	3	4.4	1450
P107	21	6.7	600	5	5.9	161
P108	4	14.8	1600	6	8.0	2990
P109	3	11.3	500	3	3.0	458
P110	6	9.0	9500	6	9.0	715
P111	1	29.1	200	<2	2.8	872
P112	<1	43.5	700	<2	2.1	2400
P113	51	7.2	2200	7	6.9	89
P114	27	18.6	2100	5	5.9	820
P115	33	15.7	4700	8	7.5	148
P116	9	33.3	4800	4	2.4	303
P117	6	21.4	2200	5	2.5	471
P118	<1	34.7	400	<2	<0.5	214
P119	21	44.4	700	2	<0.5	220
P120	10	19.5	2900	6	5.4	293
P121	25	17.5	500	4	4.0	152
P122	2	56.2	900	9	<0.5	27
P123	5	37.6	1300	2	<0.5	334
P124	14	44.0	31200	<2	<0.5	214

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
*Rep P92	63	12.2	900	8	8.5	149
*Std AMIS0169	2	37.0	4400	4	2.9	381
*Blk BLANK	<1	<0.5	<100	<2	<0.5	2
*Rep P118	1	33.5	500	<2	<0.5	231

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
P85	362	0.7	683	<1	106	<0.1
P86	395	0.6	573	<1	104	<0.1
P87	189	4.4	384	<1	94.2	<0.1
P88	245	8.2	53	<1	8.9	<0.1
P89	102	1.5	28	<1	0.8	<0.1
P90	232	1.5	275	<1	145	<0.1
P91	205	0.9	331	<1	63.8	<0.1
P92	213	3.6	560	<1	34.6	<0.1
P93	274	4.0	801	<1	34.1	<0.1
P94	732	0.5	246	<1	127	<0.1
P95	702	<0.1	43	<1	19.5	<0.1
P96	228	1.2	273	<1	216	<0.1
P97	290	4.6	335	<1	17.7	<0.1
P98	354	3.4	934	<1	33.9	<0.1
P99	441	0.7	330	<1	152	<0.1
P100	1080	<0.1	145	<1	141	<0.1
P101	215	2.8	398	<1	61.7	<0.1
P102	120	0.5	121	<1	64.3	<0.1
P103	256	2.9	385	<1	32.8	<0.1
P104	124	8.5	661	<1	18.6	<0.1

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P105	239	8.9	381	<1	68.3	<0.1
P106	160	0.9	571	<1	346	<0.1
P107	165	1.8	488	<1	41.7	<0.1
P108	99	1.9	369	<1	730	<0.1
P109	69	1.2	603	<1	85.3	<0.1
P110	127	2.3	392	<1	205	<0.1
P111	169	1.0	417	<1	187	<0.1
P112	329	0.3	485	<1	506	<0.1
P113	127	11.9	437	<1	20.4	<0.1
P114	180	3.4	460	<1	196	<0.1
P115	207	4.6	449	<1	33.8	<0.1
P116	327	1.8	344	<1	72.1	<0.1
P117	263	2.3	371	<1	106	<0.1
P118	735	0.3	128	<1	47.8	<0.1
P119	361	<0.1	79	<1	38.9	<0.1
P120	310	2.8	517	<1	61.5	<0.1
P121	287	3.5	318	<1	34.1	<0.1
P122	105	<0.1	23	<1	4.5	<0.1
P123	644	0.4	113	<1	65.2	<0.1
P124	2140	0.1	37	<1	46.2	<0.1
*Rep P92	203	3.6	526	<1	33.6	<0.1
*Std AMIS0169	466	2.4	114	<1	102	0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep P118	692	0.3	129	<1	47.6	<0.1

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

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P85	34	1.0	100	99	<1	2210
P86	60	1.0	93	112	<1	2230
P87	77	10.4	97	78	2	500
P88	45	2.1	33	8	<1	190
P89	57	0.5	19	<1	<1	420
P90	63	5.6	119	162	<1	1230
P91	97	2.2	60	69	<1	1720
P92	168	7.1	108	35	3	310
P93	152	11.3	88	36	3	420
P94	39	3.7	75	150	<1	1770
P95	20	1.7	12	35	<1	3890
P96	52	4.7	101	213	<1	1180
P97	143	7.0	47	18	<1	270
P98	149	9.0	50	28	1	490
P99	42	3.1	175	178	<1	1780
P100	17	<0.5	94	230	<1	3900
P101	73	5.7	55	48	<1	1040
P102	49	3.0	20	72	<1	1210
P103	93	7.4	78	32	2	770
P104	189	8.3	59	15	1	80
P105	143	4.9	72	62	<1	330
P106	53	3.1	231	312	<1	630
P107	117	4.1	82	37	1	420
P108	101	6.5	293	645	1	690
P109	81	1.7	132	120	<1	330
P110	138	6.9	138	106	1	510
P111	92	1.3	188	218	<1	840
P112	36	2.0	350	614	<1	1670
P113	99	10.7	62	18	2	140
P114	71	9.2	128	146	1	610

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P115	79	11.0	86	33	2	440
P116	34	5.8	61	64	<1	1660
P117	73	4.7	91	104	<1	1040
P118	42	1.3	44	63	<1	1690
P119	8	3.1	12	58	<1	2410
P120	49	14.0	100	64	<1	760
P121	111	5.0	62	33	1	640
P122	17	1.3	9	9	<1	2960
P123	34	2.5	26	84	<1	2380
P124	15	2.1	37	53	<1	2390
*Rep P92	163	7.2	108	33	3	310
*Std AMIS0169	230	1.1	53	58	<1	80
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep P118	43	1.2	44	63	<1	1770

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P85	<1	18.2	<10	37.4	990	<0.1
P86	<1	20.2	<10	49.0	440	0.2
P87	<1	12.7	<10	134	2880	0.7
P88	<1	1.7	<10	39.1	680	0.2
P89	<1	0.3	<10	4.8	160	0.2
P90	<1	24.5	<10	84.5	2360	0.2
P91	<1	12.4	<10	49.2	1000	0.3
P92	<1	6.4	<10	78.2	2830	1.2
P93	<1	6.4	<10	75.3	2620	1.1
P94	<1	24.3	<10	56.3	300	0.2

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
P95	<1	5.7	<10	26.2	<10	0.1
P96	<1	31.8	<10	65.7	990	0.3
P97	<1	2.8	<10	92.2	850	0.7
P98	<1	4.9	<10	105	1670	0.7
P99	<1	34.7	<10	90.7	860	0.2
P100	<1	40.5	<10	44.2	10	<0.1
P101	<1	7.8	<10	96.1	1440	0.3
P102	<1	11.3	<10	60.9	200	0.2
P103	<1	5.1	<10	80.6	1680	0.7
P104	<1	2.6	<10	86.2	1240	0.9
P105	<1	9.3	<10	74.5	1710	0.5
P106	<1	54.4	<10	105	1890	0.4
P107	<1	7.4	<10	85.5	2300	0.9
P108	<1	86.0	<10	183	2960	0.6
P109	<1	21.8	<10	56.3	1220	0.4
P110	<1	17.2	<10	166	3240	0.5
P111	<1	37.6	<10	65.1	1240	0.3
P112	<1	97.7	<10	63.1	810	0.2
P113	<1	3.3	<10	53.0	2130	0.8
P114	<1	21.2	<10	109	2210	0.5
P115	<1	5.1	<10	84.4	2650	0.7
P116	<1	9.7	<10	91.4	560	0.3
P117	<1	16.1	<10	89.3	860	0.3
P118	<1	11.6	<10	17.7	40	0.1
P119	<1	8.6	<10	54.8	20	<0.1
P120	<1	11.0	<10	89.1	2080	0.3
P121	<1	6.3	<10	31.7	1480	0.9
P122	<1	1.6	<10	9.5	<10	<0.1
P123	<1	13.2	<10	53.5	120	0.2
P124	<1	8.4	<10	28.7	20	0.1

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

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
*Rep P92	<1	6.2	<10	80.7	2850	1.1
*Std AMIS0169	<1	5.2	<10	72.9	460	1.1
*Blk BLANK	<1	<0.1	<10	0.6	<10	<0.1
*Rep P118	<1	11.8	<10	17.0	40	0.1

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P85	39.2	0.5	622	30.8	50	37
P86	33.4	<0.5	616	31.6	30	37
P87	47.8	3.1	348	20.0	220	191
P88	22.0	<0.5	61	4.9	110	83
P89	10.7	<0.5	20	11.8	140	11
P90	47.1	1.9	739	44.5	170	136
P91	40.4	0.9	326	16.5	60	86
P92	21.0	2.3	156	12.0	220	140
P93	15.3	2.5	195	12.6	280	120
P94	56.7	0.7	862	47.8	150	72
P95	85.6	<0.5	181	10.1	40	24
P96	30.6	1.7	1040	52.2	120	73
P97	10.8	1.9	67	4.2	310	122
P98	11.4	2.1	123	8.5	120	127
P99	95.2	1.0	1240	56.6	110	102
P100	141	<0.5	1750	99.0	20	43
P101	20.2	1.9	172	7.6	90	124
P102	37.1	1.1	250	12.5	120	43
P103	23.1	1.9	148	9.5	510	143
P104	11.4	2.3	53	4.5	370	119

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



Order Number MEGA/ 40 of 320 Soil (MMI)
 Submission Number MEGA/ 40 of 320 Soil (MMI)
 Number of Samples 40

ANALYSIS REPORT BBM19-00884

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P105	22.7	1.3	239	16.0	180	129
P106	151	1.4	1840	82.0	130	151
P107	43.0	1.9	158	10.0	120	136
P108	201	3.4	2790	138	70	225
P109	76.2	1.1	613	38.7	60	59
P110	93.0	2.9	542	19.4	110	225
P111	96.0	0.9	1340	65.3	30	68
P112	91.6	1.6	3560	221	60	46
P113	14.1	1.7	89	6.6	290	118
P114	38.3	1.8	635	18.0	250	162
P115	15.7	2.9	131	9.0	320	153
P116	26.4	1.7	254	15.9	220	109
P117	29.1	1.7	471	25.0	270	106
P118	119	<0.5	373	24.0	120	34
P119	21.4	<0.5	280	16.6	150	18
P120	31.6	1.7	341	20.1	120	114
P121	14.4	1.4	207	12.2	130	72
P122	18.8	<0.5	50	2.6	40	9
P123	41.5	<0.5	381	25.2	80	55
P124	99.2	<0.5	315	23.5	130	42
*Rep P92	20.5	2.1	160	10.4	220	138
*Std AMIS0169	22.3	1.2	111	8.6	210	49
*Blk BLANK	<0.5	<0.5	1	<0.2	<10	<2
*Rep P118	120	<0.5	374	23.4	130	34

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



ANALYSIS REPORT BBM19-00885

To GORDON RICHARDS
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA V4K 4W6
BC
CANADA

Order Number	MEGA/ 44 of 320 Soil (MMI)	Date Received	26-Aug-2019
Submission Number	MEGA/ 44 of 320 Soil (MMI)	Date Analysed	28-Aug-2019 - 25-Sep-2019
Number of Samples	44	Date Completed	25-Sep-2019
		SGS Order Number	BBM19-00885

Methods Summary

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

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 MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Wtkg G_WGH_KG	Ag GE_MMIM	Al GE_MMIM	As GE_MMIM	Au GE_MMIM	Ba GE_MMIM
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
P126	0.22	5.2	140	<10	0.2	23400
P127	0.36	17.4	9	30	0.6	10200
P128	0.41	8.2	109	20	0.3	16900
P129	0.28	31.1	14	40	0.1	25100
P130	0.34	26.7	84	40	0.5	17400
P131	0.36	22.9	73	<10	0.3	19000
P132	0.31	57.2	10	<10	0.3	17800
P133	0.28	20.9	31	30	0.4	10100
P134	0.30	26.0	108	220	5.0	20300
P135	0.27	55.3	30	<10	1.2	36500
P136	0.21	19.8	215	50	0.3	30400
P137	0.22	30.9	147	20	0.2	16900
P138	0.16	5.6	248	120	0.5	24400
P139	0.22	15.8	191	70	0.5	19000
P140	0.16	39.5	240	30	0.2	9890
P141	0.22	1.9	153	50	0.4	18000
P142	0.24	6.6	216	50	0.5	14300
P143	0.22	12.5	217	20	0.3	9200
P144	0.20	15.9	212	90	0.2	15800
P145	0.22	27.5	119	10	0.4	19400
P146	0.24	17.8	154	70	0.4	35300
P147	0.23	20.3	21	50	0.3	17200
P148	0.32	7.9	98	50	0.5	28900
P149	0.17	16.0	326	40	0.2	12400
P150	0.16	33.2	282	10	0.2	12900
P151	0.18	19.7	244	10	<0.1	9110
P152	0.23	25.6	236	20	0.2	13400
P153	0.18	15.7	228	40	0.1	7100
P154	0.21	20.1	138	30	0.4	11900
P155	0.21	14.8	176	40	0.2	16200

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P156	0.18	8.2	93	<10	<0.1	12300
P157	0.22	5.7	145	<10	0.1	24000
P158	0.22	17.0	192	40	0.1	8100
P159	0.20	33.9	265	30	0.2	12100
P160	0.28	30.1	239	40	0.2	10200
P161	0.24	56.7	242	110	0.4	13600
P162	0.25	5.3	166	40	0.6	29300
P163	0.21	24.2	244	40	0.5	16000
P164	0.14	89.3	303	40	0.8	13100
P165	0.16	55.2	205	60	0.7	7730
P166	0.23	60.5	40	<10	2.2	20300
P167	0.16	53.2	40	<10	1.2	19600
P168	0.15	33.5	108	<10	0.7	27600
P169	0.15	9.7	324	<10	0.4	12000
*Rep P143	-	11.1	236	20	0.3	9670
*Rep P145	-	27.9	134	10	0.4	20800
*Std AMIS0169	-	8.3	55	<10	0.3	1200
*Rep P161	-	62.7	247	110	0.3	14600
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10

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
P126	<0.5	242	7	1980	74	<100
P127	0.6	269	10	95	38	<100
P128	0.5	205	4	426	142	<100
P129	<0.5	249	23	176	14	<100
P130	1.1	195	8	1990	50	<100

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P131	<0.5	416	77	241	12	<100
P132	<0.5	550	45	43	50	<100
P133	0.8	213	3	462	32	<100
P134	0.9	235	13	233	56	<100
P135	<0.5	697	5	286	23	<100
P136	0.7	141	12	231	31	<100
P137	<0.5	170	1	448	50	<100
P138	1.9	56	4	3490	204	200
P139	0.9	135	3	1130	41	<100
P140	<0.5	33	3	356	44	<100
P141	0.8	99	2	2060	46	<100
P142	1.2	41	4	204	113	100
P143	<0.5	87	6	235	82	<100
P144	2.1	68	40	460	221	<100
P145	<0.5	219	18	385	57	<100
P146	2.4	121	20	1030	97	<100
P147	<0.5	295	20	159	97	<100
P148	1.4	177	4	852	153	<100
P149	0.5	53	2	389	153	100
P150	<0.5	51	3	136	122	<100
P151	<0.5	152	2	306	57	<100
P152	<0.5	94	2	165	56	<100
P153	<0.5	114	2	75	53	<100
P154	<0.5	215	2	131	100	<100
P155	<0.5	198	2	44	213	<100
P156	<0.5	349	4	30	26	<100
P157	<0.5	655	3	171	58	<100
P158	<0.5	130	2	71	59	<100
P159	<0.5	121	3	122	52	<100
P160	0.6	66	3	332	112	100

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Bi GE_MMIM	Ca GE_MMIM	Cd GE_MMIM	Ce GE_MMIM	Co GE_MMIM	Cr GE_MMIM
Lower Limit	0.5	2	1	2	1	100
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P161	0.8	106	5	222	104	<100
P162	0.6	124	4	1060	115	<100
P163	0.5	99	3	1120	49	<100
P164	0.5	44	4	844	64	<100
P165	0.7	152	15	116	104	<100
P166	<0.5	617	6	170	36	<100
P167	<0.5	1051	5	42	11	<100
P168	<0.5	428	16	422	47	<100
P169	<0.5	21	37	147	82	<100
*Rep P143	<0.5	84	6	227	79	<100
*Rep P145	<0.5	217	20	371	64	<100
*Std AMIS0169	<0.5	35	1	771	104	<100
*Rep P161	0.8	105	4	218	103	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100

Element Method	Cs GE_MMIM	Cu GE_MMIM	Dy GE_MMIM	Er GE_MMIM	Eu GE_MMIM	Fe GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
P126	0.6	740	469	318	108	27
P127	0.7	640	17.7	7.6	5.3	27
P128	1.3	460	56.5	24.2	14.3	74
P129	<0.2	400	46.3	20.7	14.7	27
P130	2.4	440	107	33.9	32.8	58
P131	0.3	440	74.5	37.5	15.7	47
P132	<0.2	750	33.5	16.8	9.5	17
P133	1.5	520	40.5	13.5	11.9	41
P134	2.1	440	55.8	31.0	15.0	136
P135	<0.2	550	70.9	30.4	20.9	18

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P136	2.2	300	46.3	24.2	12.6	108
P137	0.5	240	68.1	34.4	15.9	52
P138	2.6	590	237	87.0	64.5	159
P139	1.5	420	134	59.6	35.8	109
P140	1.4	260	70.3	32.1	15.9	58
P141	1.9	380	155	65.3	44.3	101
P142	3.7	210	18.2	8.1	5.5	148
P143	2.6	130	30.6	14.9	7.7	66
P144	1.8	320	56.8	24.0	14.9	204
P145	0.8	690	100	52.4	22.9	110
P146	2.6	760	133	62.6	37.2	155
P147	0.5	750	25.4	11.9	7.8	49
P148	1.7	460	42.2	16.9	13.5	106
P149	3.9	450	74.0	34.6	16.3	106
P150	1.2	200	31.1	15.1	6.5	64
P151	1.1	290	75.7	31.9	15.7	57
P152	2.3	270	40.1	21.6	8.1	81
P153	3.0	150	14.5	7.0	3.8	111
P154	1.7	180	24.8	11.1	7.6	65
P155	1.6	180	7.4	4.0	2.2	120
P156	0.3	160	8.8	4.7	3.0	31
P157	0.2	140	21.2	9.4	6.6	19
P158	2.1	130	14.8	8.6	3.6	92
P159	2.3	130	24.7	13.6	5.7	69
P160	3.1	180	42.0	20.9	10.5	95
P161	7.6	250	70.5	39.0	13.0	147
P162	3.5	320	207	88.3	50.3	94
P163	2.3	510	187	80.7	44.0	67
P164	3.3	390	101	49.4	22.0	83
P165	2.7	250	19.7	10.8	4.4	129

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Cs GE_MMIM	Cu GE_MMIM	Dy GE_MMIM	Er GE_MMIM	Eu GE_MMIM	Fe GE_MMIM
Lower Limit	0.2	10	0.5	0.2	0.2	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppm m / m
P166	0.2	520	152	82.2	35.7	10
P167	<0.2	750	31.9	17.5	7.8	20
P168	0.3	330	65.9	33.4	17.7	26
P169	0.4	650	154	85.2	18.3	45
*Rep P143	2.5	120	35.3	15.9	8.5	66
*Rep P145	0.8	770	112	56.2	23.4	112
*Std AMIS0169	6.4	3510	26.7	12.0	11.0	45
*Rep P161	7.8	240	68.0	36.6	13.2	136
*Blk BLANK	<0.2	<10	0.7	0.3	<0.2	<1

Element Method	Ga GE_MMIM	Gd GE_MMIM	Hg GE_MMIM	In GE_MMIM	K GE_MMIM	La 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
P126	14.1	501	<1	<0.1	7.3	752
P127	2.1	23.5	<1	<0.1	5.0	50
P128	6.9	64.0	<1	0.1	4.9	217
P129	2.6	69.9	2	<0.1	6.7	132
P130	15.0	145	<1	<0.1	21.0	742
P131	2.8	86.6	<1	<0.1	2.3	88
P132	1.0	48.2	<1	<0.1	25.9	70
P133	4.9	51.0	<1	<0.1	5.5	203
P134	9.4	68.2	<1	0.1	4.7	204
P135	2.5	94.7	<1	<0.1	6.3	156
P136	14.0	56.5	<1	0.1	9.9	130
P137	9.1	78.5	<1	<0.1	2.6	277
P138	34.2	296	2	0.2	8.0	2350
P139	19.1	159	<1	0.2	7.1	631
P140	8.6	71.9	<1	0.1	6.6	177

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P141	20.4	212	<1	0.2	5.3	1160
P142	17.8	21.8	<1	0.2	6.9	122
P143	13.1	34.6	<1	0.1	10.4	121
P144	11.9	71.7	1	0.3	13.4	202
P145	5.5	109	<1	0.2	4.4	189
P146	15.0	161	<1	0.3	13.8	580
P147	2.4	34.5	<1	<0.1	9.3	76
P148	10.6	56.9	<1	0.1	7.0	488
P149	20.5	73.5	<1	0.2	9.1	239
P150	10.5	27.6	<1	0.2	6.3	72
P151	14.1	75.8	<1	0.1	12.6	223
P152	15.6	36.1	<1	0.2	8.2	82
P153	19.7	15.8	<1	0.1	21.8	46
P154	10.8	29.3	<1	<0.1	55.3	68
P155	12.4	7.8	<1	0.1	9.8	22
P156	4.4	10.7	<1	<0.1	36.3	19
P157	1.8	25.5	<1	<0.1	8.6	104
P158	9.4	15.5	<1	0.2	14.3	28
P159	10.0	25.5	<1	0.2	13.2	69
P160	14.2	46.3	<1	0.2	18.5	193
P161	16.0	67.4	<1	0.2	18.3	146
P162	12.7	246	<1	0.2	15.0	859
P163	16.6	207	<1	0.2	12.2	655
P164	17.2	101	<1	0.2	10.2	424
P165	11.7	18.9	<1	0.2	30.3	57
P166	2.8	180	<1	<0.1	7.6	159
P167	0.9	34.3	<1	<0.1	3.7	29
P168	4.8	85.6	<1	<0.1	10.0	247
P169	5.1	104	<1	0.4	5.3	45
*Rep P143	15.1	35.7	<1	0.1	10.8	123

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
*Rep P145	5.1	124	<1	0.2	4.5	170
*Std AMIS0169	16.6	44.7	<1	<0.1	43.9	482
*Rep P161	15.3	69.1	<1	0.2	18.6	139
*Blk BLANK	<0.5	1.2	<1	<0.1	<0.5	<1

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
P126	3	56.3	4700	<2	<0.5	1440
P127	9	11.6	500	4	0.8	87
P128	4	24.9	4100	3	1.8	269
P129	12	18.9	1100	2	0.7	233
P130	9	17.3	3200	3	2.6	693
P131	4	38.9	900	<2	<0.5	164
P132	96	35.4	1700	2	<0.5	123
P133	4	18.3	1100	2	0.9	216
P134	15	30.9	10700	6	2.3	236
P135	5	42.0	1200	<2	<0.5	256
P136	16	25.9	1100	4	3.6	176
P137	2	32.3	400	2	3.1	274
P138	17	13.2	4700	7	9.3	1620
P139	9	20.0	800	6	7.7	701
P140	5	6.5	200	<2	2.6	254
P141	8	15.9	400	3	5.2	921
P142	18	7.7	3400	4	6.3	91
P143	11	16.5	700	3	3.0	126
P144	9	6.9	7400	6	3.1	221
P145	5	17.3	2100	<2	0.7	317

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Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P146	15	12.7	3700	5	2.7	644
P147	4	18.8	5600	5	0.6	109
P148	8	21.3	5300	4	2.4	281
P149	19	20.5	600	4	6.8	250
P150	7	12.2	300	<2	3.1	85
P151	7	44.3	1400	<2	3.2	262
P152	12	13.3	600	4	5.4	113
P153	20	17.4	2300	4	3.9	49
P154	5	30.3	1000	2	2.5	98
P155	11	36.2	500	4	3.7	21
P156	2	47.9	500	<2	0.7	27
P157	<1	47.0	400	<2	<0.5	83
P158	8	10.6	6300	4	2.4	39
P159	10	15.2	1000	2	2.1	77
P160	28	21.7	500	3	5.4	176
P161	31	18.9	600	4	5.1	205
P162	8	22.9	2500	3	2.6	981
P163	10	20.0	200	4	4.9	783
P164	19	11.9	400	4	6.3	410
P165	24	26.7	1600	4	3.6	64
P166	<1	34.0	1800	<2	<0.5	350
P167	<1	12.8	400	<2	<0.5	60
P168	2	30.6	1000	<2	0.5	295
P169	6	5.5	5500	<2	<0.5	157
*Rep P143	10	17.7	700	3	3.2	138
*Rep P145	3	18.3	1800	<2	0.5	303
*Std AMIS0169	2	37.0	4400	3	2.6	366
*Rep P161	32	19.2	600	4	5.3	195
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P126	941	0.7	278	<1	280	<0.1
P127	103	0.3	114	<1	16.1	<0.1
P128	258	1.1	378	<1	61.2	<0.1
P129	279	0.2	87	<1	46.7	<0.1
P130	281	0.9	355	<1	193	<0.1
P131	960	<0.1	144	<1	36.6	<0.1
P132	359	0.2	91	<1	24.8	<0.1
P133	206	0.5	368	<1	52.1	<0.1
P134	895	1.0	139	<1	56.0	<0.1
P135	417	<0.1	113	<1	50.6	<0.1
P136	229	1.8	565	<1	42.3	<0.1
P137	162	0.7	506	<1	64.1	<0.1
P138	245	1.9	496	<1	454	<0.1
P139	164	2.0	452	<1	168	<0.1
P140	106	1.2	562	<1	59.9	<0.1
P141	122	1.7	297	<1	243	<0.1
P142	118	4.1	370	<1	25.3	<0.1
P143	157	1.4	264	<1	32.9	<0.1
P144	387	8.7	988	<1	57.4	<0.1
P145	1030	1.3	335	<1	70.3	<0.1
P146	552	2.7	687	<1	167	<0.1
P147	246	0.9	117	<1	25.6	<0.1
P148	253	1.3	212	<1	80.1	<0.1
P149	215	2.0	210	<1	57.9	<0.1
P150	133	1.1	311	<1	20.9	<0.1
P151	158	1.2	199	<1	62.5	<0.1
P152	149	1.0	339	<1	25.3	<0.1
P153	143	7.0	125	<1	13.0	<0.1
P154	183	3.2	142	<1	24.3	<0.1
P155	188	2.0	163	<1	5.4	<0.1

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Ni GE_MMIM	P GE_MMIM	Pb GE_MMIM	Pd GE_MMIM	Pr GE_MMIM	Pt GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
P156	144	0.6	183	<1	6.5	<0.1
P157	114	0.1	515	<1	21.2	<0.1
P158	97	2.5	399	<1	9.1	<0.1
P159	278	2.4	339	<1	17.5	<0.1
P160	188	1.7	519	<1	45.2	<0.1
P161	352	3.8	555	<1	44.9	<0.1
P162	307	1.5	433	<1	238	<0.1
P163	184	0.8	448	<1	193	<0.1
P164	156	1.0	542	<1	106	<0.1
P165	242	2.7	298	<1	14.3	<0.1
P166	306	<0.1	64	<1	63.7	<0.1
P167	354	<0.1	61	<1	12.3	<0.1
P168	212	0.2	324	<1	66.7	<0.1
P169	273	0.4	365	<1	32.3	<0.1
*Rep P143	181	1.3	276	<1	36.4	<0.1
*Rep P145	1090	1.0	342	<1	67.8	<0.1
*Std AMIS0169	449	2.0	118	<1	107	0.2
*Rep P161	340	3.5	536	<1	46.2	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P126	48	1.7	363	425	<1	2640
P127	26	5.3	19	21	<1	950
P128	66	2.5	66	58	<1	910
P129	13	2.8	16	59	<1	1160
P130	103	5.0	56	140	<1	940

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P131	35	1.5	26	56	<1	2300
P132	4	0.5	10	35	<1	2560
P133	48	3.6	15	49	<1	1010
P134	28	82.1	89	55	<1	1380
P135	9	0.6	18	73	<1	2960
P136	109	4.6	58	45	<1	1140
P137	78	2.2	73	66	<1	1250
P138	93	22.7	260	262	2	460
P139	89	12.4	138	141	<1	720
P140	71	1.9	67	58	<1	310
P141	76	3.5	130	185	<1	620
P142	106	5.1	52	21	1	300
P143	131	1.6	47	30	<1	560
P144	57	7.3	55	61	<1	360
P145	65	3.5	78	84	<1	940
P146	100	8.6	144	141	<1	630
P147	28	3.7	15	29	<1	1170
P148	86	6.2	51	51	<1	870
P149	181	3.6	96	58	1	380
P150	118	0.9	65	23	<1	620
P151	143	0.6	84	60	<1	790
P152	169	1.9	93	30	<1	550
P153	191	1.5	56	13	1	420
P154	201	1.1	38	26	<1	930
P155	83	1.9	35	6	<1	880
P156	49	<0.5	13	9	<1	1510
P157	50	<0.5	28	21	<1	2520
P158	177	4.2	58	12	<1	580
P159	73	3.4	44	21	<1	900
P160	103	3.7	70	40	<1	480

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Rb GE_MMIM	Sb GE_MMIM	Sc GE_MMIM	Sm GE_MMIM	Sn GE_MMIM	Sr GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P161	82	10.9	74	50	1	680
P162	62	8.3	85	204	<1	780
P163	86	5.2	144	168	<1	640
P164	121	7.9	161	88	1	600
P165	45	12.6	52	17	<1	830
P166	22	0.8	40	118	<1	2380
P167	8	2.3	14	22	<1	2680
P168	34	2.3	57	74	<1	1850
P169	21	2.0	138	61	<1	230
*Rep P143	145	1.6	52	32	<1	550
*Rep P145	63	2.9	90	92	<1	1110
*Std AMIS0169	233	0.8	52	59	<1	80
*Rep P161	87	11.0	74	51	1	650
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P126	<1	73.0	<10	67.5	220	0.3
P127	<1	3.1	<10	35.3	140	0.2
P128	<1	10.6	<10	64.3	580	0.3
P129	<1	8.3	<10	58.4	80	<0.1
P130	<1	18.2	<10	121	510	0.6
P131	<1	11.3	<10	16.1	20	<0.1
P132	<1	5.9	<10	32.1	<10	<0.1
P133	<1	7.5	<10	78.7	160	0.5
P134	<1	9.2	<10	57.8	830	0.2
P135	<1	13.1	<10	38.4	<10	<0.1

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

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
P136	<1	7.8	<10	55.3	1410	0.4
P137	<1	11.0	<10	52.2	1210	0.2
P138	<1	41.4	<10	165	3380	0.6
P139	<1	23.8	<10	82.0	3130	0.5
P140	<1	10.6	<10	43.4	1020	0.6
P141	<1	28.9	<10	94.5	2030	0.6
P142	<1	3.4	<10	126	2110	0.6
P143	<1	5.0	<10	30.0	1130	0.5
P144	<1	10.0	<10	101	760	0.6
P145	<1	16.2	<10	64.0	180	0.2
P146	<1	23.4	<10	158	710	0.6
P147	<1	4.5	<10	42.0	120	0.2
P148	<1	7.8	<10	124	640	0.5
P149	<1	12.0	<10	43.3	3600	0.6
P150	<1	4.5	<10	38.5	1320	0.5
P151	<1	11.6	<10	17.2	1750	0.3
P152	<1	5.9	<10	52.6	2330	0.6
P153	<1	2.2	<10	27.0	1640	0.5
P154	<1	3.9	<10	18.7	1180	0.2
P155	<1	1.2	<10	19.7	2050	0.3
P156	<1	1.4	<10	7.2	470	<0.1
P157	<1	3.7	<10	27.6	<10	<0.1
P158	<1	2.3	<10	28.3	1000	0.3
P159	<1	4.1	<10	26.7	800	0.3
P160	<1	6.8	<10	65.7	1990	0.4
P161	<1	11.4	<10	42.8	1650	0.5
P162	<1	34.9	<10	76.0	1010	0.4
P163	<1	30.9	<10	96.9	1980	0.4
P164	<1	16.8	<10	92.9	2550	0.6
P165	<1	3.3	<10	45.2	1170	0.3

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element Method	Ta GE_MMIM	Tb GE_MMIM	Te GE_MMIM	Th GE_MMIM	Ti GE_MMIM	Tl GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P166	<1	23.9	<10	16.3	<10	<0.1
P167	<1	5.4	<10	16.3	<10	<0.1
P168	<1	11.3	<10	50.1	250	<0.1
P169	<1	20.4	<10	77.1	200	0.4
*Rep P143	<1	5.4	<10	29.6	1240	0.5
*Rep P145	<1	16.9	<10	62.1	150	0.2
*Std AMIS0169	<1	5.3	<10	73.1	410	1.1
*Rep P161	<1	10.4	<10	41.8	1800	0.6
*Blk BLANK	<1	0.1	<10	1.2	<10	<0.1

Element Method	U GE_MMIM	W GE_MMIM	Y GE_MMIM	Yb GE_MMIM	Zn GE_MMIM	Zr GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P126	35.2	1.0	3310	275	80	63
P127	34.9	1.1	101	6.5	150	34
P128	31.1	0.9	233	15.4	130	59
P129	10.6	1.1	276	14.8	120	29
P130	21.9	2.2	462	19.4	150	94
P131	41.3	<0.5	398	28.1	600	17
P132	25.7	<0.5	207	12.6	110	9
P133	47.3	0.9	141	9.3	240	49
P134	28.9	1.2	369	24.6	400	102
P135	15.0	<0.5	364	20.4	20	27
P136	14.9	1.2	288	18.5	220	73
P137	22.3	1.0	400	25.9	30	55
P138	56.7	3.5	1580	41.9	170	211
P139	33.8	2.0	788	39.0	80	151
P140	15.4	0.8	376	23.8	40	64

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
P141	60.6	1.9	815	42.9	70	111
P142	19.2	1.3	80	6.0	160	173
P143	10.6	1.1	164	10.8	100	60
P144	28.2	1.3	276	17.5	410	93
P145	48.3	<0.5	525	39.3	170	83
P146	52.7	1.5	717	46.5	250	170
P147	17.6	0.9	137	9.4	280	36
P148	25.7	1.3	195	11.8	140	112
P149	11.7	1.5	407	21.2	130	106
P150	13.6	0.8	153	11.6	50	72
P151	8.5	0.9	396	22.5	60	45
P152	27.5	1.1	244	17.8	70	101
P153	8.3	1.0	69	5.9	90	75
P154	6.7	1.0	126	8.7	50	41
P155	6.5	1.1	35	3.2	50	50
P156	3.1	<0.5	42	3.8	20	12
P157	13.8	<0.5	129	6.2	20	14
P158	6.4	0.7	80	7.7	50	45
P159	9.9	0.5	148	11.1	60	41
P160	13.2	0.8	258	18.4	60	87
P161	20.6	1.0	400	29.8	110	64
P162	62.3	0.9	1350	55.5	90	123
P163	106	1.5	1080	55.9	50	134
P164	66.6	1.6	621	36.1	80	152
P165	22.7	0.7	102	8.3	360	57
P166	79.4	<0.5	1090	68.8	10	15
P167	18.8	<0.5	207	14.4	<10	22
P168	21.3	<0.5	392	27.8	30	53
P169	35.2	0.5	813	65.6	30	53
*Rep P143	11.9	0.9	193	12.0	90	57

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



Order Number MEGA/ 44 of 320 Soil (MMI)
 Submission Number MEGA/ 44 of 320 Soil (MMI)
 Number of Samples 44

ANALYSIS REPORT BBM19-00885

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep P145	51.6	<0.5	615	43.8	160	68
*Std AMIS0169	21.1	1.5	107	9.6	220	47
*Rep P161	19.0	1.4	408	30.1	120	64
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2

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



BUREAU VERITAS MINERAL LABORATORIES
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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ruanco Enterprises Ltd.**
6410 Holly Park Drive
Delta British Columbia V4K 4W6 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: August 21, 2019
Report Date: September 12, 2019
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN19002333.1

CLIENT JOB INFORMATION

Project: Mega
Shipment ID:
P.O. Number
Number of Samples: 38

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	38	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	38	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

ADDITIONAL COMMENTS

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

Invoice To: Ruanco Enterprises Ltd.
6410 Holly Park Drive
Delta British Columbia V4K 4W6
Canada

CC:


KERRY JAY
Geochem Project Specialist

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



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Project: Mega
Report Date: September 12, 2019

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN19002333.1

Method	Analyte	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
P114	Rock	0.10	0.1	33.1	25.5	15	0.1	2.8	1.2	150	1.38	<0.5	1.3	1.2	1	<0.1	<0.1	1.4	8	<0.01	0.011	
P125	Rock	0.16	0.1	2.9	2.2	3	<0.1	1.4	0.2	14	0.24	7.0	3.1	1.1	<1	<0.1	2.7	<0.1	2	<0.01	0.005	
P167	Rock	0.12	0.3	9.8	5.7	34	<0.1	12.8	3.5	917	0.96	7.0	2.0	1.6	3	0.2	1.1	<0.1	7	0.09	0.029	
Y9	Rock	0.20	0.1	2.4	1.5	4	<0.1	1.3	1.1	79	0.24	1.4	0.6	0.2	<1	<0.1	0.6	<0.1	2	<0.01	0.003	
Y11	Rock	0.06	0.8	29.1	9.9	47	<0.1	20.7	12.4	988	1.64	11.3	3.8	3.0	2	<0.1	0.6	0.1	9	0.02	0.020	
Y14	Rock	0.19	0.4	22.0	10.8	44	0.1	14.5	5.8	156	1.37	18.5	1.7	1.4	8	<0.1	6.6	0.1	7	<0.01	0.020	
Y26A	Rock	0.15	0.4	19.3	2.9	44	<0.1	28.3	3.0	98	0.87	0.6	<0.5	1.1	9	<0.1	0.5	<0.1	10	0.08	0.050	
Y26B	Rock	0.11	0.6	29.2	3.9	48	0.1	16.2	1.7	109	1.43	7.1	<0.5	1.6	4	<0.1	0.7	<0.1	13	0.02	0.030	
Y38	Rock	0.14	0.2	9.0	6.4	26	<0.1	10.9	4.3	350	1.45	25.9	<0.5	7.9	7	<0.1	4.7	<0.1	7	0.19	0.014	
Y39	Rock	0.04	0.2	6.1	8.5	15	<0.1	5.6	2.5	97	0.80	17.9	<0.5	5.4	2	<0.1	2.8	<0.1	1	0.03	0.008	
Y40	Rock	0.05	0.1	15.4	3.6	39	<0.1	14.1	7.2	448	2.01	8.9	<0.5	8.4	4	<0.1	1.8	<0.1	5	0.05	0.012	
Y43	Rock	0.09	0.2	7.3	10.7	9	<0.1	10.8	5.2	826	0.81	1.3	<0.5	6.1	5	<0.1	1.4	<0.1	2	0.03	0.010	
Y55A	Rock	0.11	1.1	39.2	27.5	87	<0.1	26.9	11.0	790	1.76	22.1	<0.5	3.4	2	<0.1	2.1	0.3	8	<0.01	0.019	
Y55B	Rock	0.07	0.2	6.6	4.3	9	<0.1	2.6	0.9	148	0.76	1.9	<0.5	0.6	2	<0.1	0.4	0.1	3	<0.01	0.010	
Y61	Rock	0.06	<0.1	10.9	5.0	41	<0.1	13.4	6.8	320	2.45	0.8	<0.5	7.8	9	<0.1	0.1	<0.1	8	0.03	0.011	
Y68	Rock	0.05	0.3	7.9	13.0	25	<0.1	10.2	7.3	377	1.81	13.8	<0.5	5.9	7	<0.1	9.7	<0.1	5	0.04	0.017	
Y70	Rock	0.10	0.1	9.0	15.6	7	<0.1	1.3	1.4	274	0.55	0.9	<0.5	1.1	1	<0.1	2.0	<0.1	2	<0.01	0.003	
Y73	Rock	0.09	0.6	1.8	13.0	27	<0.1	0.8	2.5	240	0.91	<0.5	<0.5	6.7	7	0.2	0.5	<0.1	3	0.06	0.016	
Y83A	Rock	0.15	2.9	15.6	299.2	285	0.3	17.2	8.3	258	1.95	9.4	<0.5	8.4	14	0.3	8.7	1.1	9	<0.01	0.036	
Y83B	Rock	0.11	2.9	14.1	423.1	244	0.1	10.5	5.3	140	2.02	13.7	<0.5	6.3	31	0.4	4.4	0.2	9	<0.01	0.040	
Y87	Rock	0.10	5.2	12.4	11.2	16	<0.1	2.6	1.2	65	0.53	51.3	15.9	9.1	4	<0.1	5.1	0.1	3	0.04	0.027	
Y88	Rock	0.10	1.5	8.9	79.9	15	<0.1	1.2	0.5	30	0.57	10.2	<0.5	4.3	52	<0.1	5.4	0.1	1	<0.01	0.011	
Y95	Rock	0.07	0.7	9.9	16.4	99	<0.1	14.3	15.9	2100	1.72	21.6	2.0	6.7	11	<0.1	2.0	<0.1	5	0.14	0.055	
Y96	Rock	0.04	0.7	12.3	12.7	57	<0.1	10.5	10.1	430	1.69	8.0	<0.5	7.7	3	<0.1	0.4	0.4	4	0.02	0.011	
Y97	Rock	0.16	0.4	17.4	21.1	39	<0.1	9.9	5.1	75	1.64	4.5	0.5	4.9	67	<0.1	1.6	0.1	4	0.02	0.016	
Y98	Rock	0.09	0.3	8.2	3.3	14	<0.1	5.8	5.5	250	1.06	1.3	0.5	7.2	4	<0.1	0.2	<0.1	3	<0.01	0.007	
Y100	Rock	0.06	0.4	14.0	18.5	12	<0.1	6.0	3.6	403	0.71	10.9	3.6	1.5	3	<0.1	6.1	0.5	2	0.02	0.011	
Y106	Rock	0.49	0.3	14.3	11.5	13	<0.1	5.6	2.7	200	0.85	7.3	2.5	1.5	2	<0.1	4.8	0.2	5	0.02	0.021	
Y120	Rock	0.10	1.0	26.5	5.7	31	<0.1	6.4	18.9	823	4.63	0.7	0.8	5.9	11	<0.1	2.4	<0.1	32	0.28	0.115	
Y125A	Rock	0.10	0.8	30.0	17.9	33	<0.1	10.4	8.0	318	1.93	9.2	2.1	10.2	4	<0.1	5.5	0.3	5	0.03	0.032	



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Project: Mega
Report Date: September 12, 2019

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CERTIFICATE OF ANALYSIS

VAN19002333.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
P114	Rock	5	5	0.15	95	0.001	<1	0.26	0.010	0.03	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	0.4
P125	Rock	6	2	<0.01	46	<0.001	<1	0.12	0.003	0.09	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
P167	Rock	6	6	0.13	104	0.003	<1	0.30	0.016	0.03	<0.1	<0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2
Y9	Rock	<1	2	0.01	9	0.001	<1	0.08	0.008	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
Y11	Rock	7	6	0.16	233	0.002	<1	0.46	0.006	0.11	0.1	0.02	1.5	<0.1	<0.05	1	<0.5	<0.2
Y14	Rock	3	6	0.12	75	0.001	<1	0.31	0.002	0.11	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
Y26A	Rock	6	6	0.45	155	<0.001	<1	0.59	0.003	0.05	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5	<0.2
Y26B	Rock	6	10	0.51	324	0.002	<1	0.71	0.008	0.09	<0.1	0.01	0.9	<0.1	<0.05	2	0.8	<0.2
Y38	Rock	15	7	0.08	54	<0.001	<1	0.34	0.019	0.14	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2
Y39	Rock	9	3	0.01	23	<0.001	<1	0.12	0.010	0.07	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
Y40	Rock	16	6	0.08	55	<0.001	<1	0.31	0.021	0.10	<0.1	<0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2
Y43	Rock	12	3	<0.01	88	<0.001	<1	0.13	0.011	0.06	<0.1	<0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2
Y55A	Rock	11	5	0.02	78	<0.001	<1	0.26	0.007	0.11	<0.1	<0.01	2.6	<0.1	<0.05	<1	<0.5	<0.2
Y55B	Rock	1	4	<0.01	22	<0.001	<1	0.06	0.002	0.02	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
Y61	Rock	15	14	0.54	56	0.001	<1	1.12	0.034	0.09	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
Y68	Rock	16	6	0.03	53	0.001	<1	0.29	0.020	0.05	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2
Y70	Rock	1	5	<0.01	84	<0.001	<1	0.06	0.002	0.02	<0.1	0.04	0.3	<0.1	<0.05	<1	<0.5	<0.2
Y73	Rock	2	2	0.04	119	0.002	<1	0.39	0.012	0.28	0.1	0.02	1.2	<0.1	<0.05	1	<0.5	<0.2
Y83A	Rock	5	8	<0.01	3143	0.002	<1	0.33	0.004	0.12	<0.1	16.51	4.5	<0.1	0.06	<1	0.6	<0.2
Y83B	Rock	19	8	0.01	1446	0.002	<1	0.31	0.009	0.20	<0.1	1.48	4.4	0.1	0.14	<1	<0.5	<0.2
Y87	Rock	25	3	0.02	378	0.002	2	0.35	0.006	0.39	<0.1	0.10	0.7	0.1	<0.05	<1	<0.5	<0.2
Y88	Rock	11	2	<0.01	1622	0.001	<1	0.13	0.015	0.10	<0.1	0.11	0.4	<0.1	0.10	<1	<0.5	<0.2
Y95	Rock	24	7	0.04	979	0.002	<1	0.36	0.010	0.19	<0.1	0.04	2.0	<0.1	<0.05	<1	<0.5	<0.2
Y96	Rock	15	5	0.02	169	<0.001	<1	0.25	0.009	0.16	<0.1	0.03	0.8	<0.1	<0.05	<1	<0.5	<0.2
Y97	Rock	8	5	0.02	2455	0.001	2	0.26	0.013	0.13	<0.1	0.02	1.0	<0.1	0.06	<1	<0.5	<0.2
Y98	Rock	14	5	0.01	162	<0.001	<1	0.27	0.014	0.15	<0.1	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
Y100	Rock	3	4	0.01	166	<0.001	<1	0.13	0.001	0.15	<0.1	0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
Y106	Rock	4	5	0.01	64	<0.001	1	0.15	0.008	0.11	<0.1	0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
Y120	Rock	20	3	0.08	281	0.002	4	0.91	0.009	0.41	<0.1	0.02	9.7	0.1	<0.05	1	<0.5	<0.2
Y125A	Rock	27	5	0.02	108	<0.001	1	0.32	0.006	0.24	<0.1	0.02	1.6	<0.1	<0.05	<1	<0.5	<0.2



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Project: Mega
Report Date: September 12, 2019

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN19002333.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
Y125B	Rock	0.12	0.3	8.2	11.0	18	<0.1	5.2	2.4	155	0.68	11.3	2.1	2.9	2	<0.1	4.5	0.3	3	<0.01	0.007
Y129	Rock	0.05	0.1	3.0	2.9	2	<0.1	1.0	0.9	180	0.31	1.9	<0.5	0.2	<1	<0.1	1.6	<0.1	<1	<0.01	0.003
Y131	Rock	0.13	0.4	7.3	8.6	23	<0.1	2.4	2.0	168	0.76	47.5	1.0	7.3	3	<0.1	4.8	<0.1	1	<0.01	0.008
Y140	Rock	0.08	0.4	7.3	1.4	20	<0.1	2.0	7.6	447	1.83	1.1	<0.5	1.9	25	<0.1	0.1	<0.1	24	0.34	0.054
Y142	Rock	0.11	1.7	9.8	6.7	43	<0.1	4.3	11.7	680	3.98	5.1	<0.5	4.9	7	<0.1	3.8	0.1	20	0.05	0.044
Y144	Rock	0.24	0.2	2.4	1.0	3	<0.1	1.1	1.1	132	0.48	<0.5	<0.5	0.2	1	<0.1	<0.1	<0.1	1	<0.01	0.007
Y145	Rock	0.10	0.6	33.7	6.4	28	<0.1	5.7	9.5	984	1.32	59.1	1.0	1.7	5	<0.1	9.6	0.1	5	0.02	0.015
Y151	Rock	0.11	0.4	19.5	13.2	60	<0.1	10.5	7.1	334	1.67	7.6	0.6	7.7	6	<0.1	3.1	0.2	7	0.06	0.034



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Project: Mega
Report Date: September 12, 2019

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CERTIFICATE OF ANALYSIS

VAN19002333.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Y125B	Rock	6	3	<0.01	46	<0.001	<1	0.13	0.016	0.08	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
Y129	Rock	<1	3	<0.01	33	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
Y131	Rock	22	2	0.02	139	0.003	2	0.31	0.023	0.19	<0.1	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
Y140	Rock	3	4	0.45	28	0.067	<1	0.90	0.048	0.03	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
Y142	Rock	21	5	0.05	133	0.003	3	0.68	0.016	0.39	<0.1	<0.01	5.2	<0.1	<0.05	1	<0.5	<0.2
Y144	Rock	<1	4	<0.01	13	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
Y145	Rock	6	5	0.04	186	0.002	<1	0.29	0.015	0.13	<0.1	0.02	2.4	<0.1	<0.05	<1	<0.5	<0.2
Y151	Rock	22	5	0.05	85	<0.001	<1	0.33	0.011	0.15	<0.1	0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN19002333.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
Pulp Duplicates																					
Y55B	Rock	0.07	0.2	6.6	4.3	9	<0.1	2.6	0.9	148	0.76	1.9	<0.5	0.6	2	<0.1	0.4	0.1	3	<0.01	0.010
REP Y55B	QC		0.2	5.9	3.9	9	<0.1	2.4	0.9	147	0.76	1.8	<0.5	0.5	2	<0.1	0.3	0.1	3	<0.01	0.009
Y142	Rock	0.11	1.7	9.8	6.7	43	<0.1	4.3	11.7	680	3.98	5.1	<0.5	4.9	7	<0.1	3.8	0.1	20	0.05	0.044
REP Y142	QC		1.7	9.4	6.4	44	<0.1	4.5	11.3	716	3.96	5.2	<0.5	4.8	7	<0.1	3.7	<0.1	21	0.05	0.042
Reference Materials																					
STD BVGEO01	Standard		11.7	4588.9	195.0	1865	2.8	166.8	23.6	781	3.78	128.2	247.5	14.8	58	6.7	4.0	24.1	75	1.33	0.080
STD DS11	Standard		14.4	133.0	129.9	318	1.6	70.4	13.0	988	3.00	40.8	74.8	7.6	59	2.1	7.8	10.1	49	1.00	0.061
STD OREAS262	Standard		0.7	103.4	52.5	154	0.5	60.9	30.3	496	3.16	35.5	70.1	9.1	33	0.6	5.1	0.9	22	2.88	0.041
STD OREAS262	Standard		0.8	108.7	52.7	140	0.5	59.7	24.4	522	3.14	36.3	75.2	8.7	34	0.7	5.6	0.9	22	2.88	0.039
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD BVGEO01 Expected			11.2	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		0.8	2.8	1.0	29	<0.1	0.5	3.2	412	1.56	0.9	2.8	2.0	19	<0.1	<0.1	<0.1	19	0.53	0.040
ROCK-VAN	Prep Blank		1.1	1.8	1.1	26	<0.1	0.6	3.0	404	1.56	0.6	1.7	2.0	19	<0.1	<0.1	<0.1	21	0.53	0.042



QUALITY CONTROL REPORT

VAN19002333.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
Y55B	Rock	1	4	<0.01	22	<0.001	<1	0.06	0.002	0.02	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
REP Y55B	QC	<1	4	<0.01	20	<0.001	<1	0.06	0.002	0.02	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
Y142	Rock	21	5	0.05	133	0.003	3	0.68	0.016	0.39	<0.1	<0.01	5.2	<0.1	<0.05	1	<0.5	<0.2
REP Y142	QC	21	4	0.05	134	0.003	4	0.69	0.016	0.39	<0.1	<0.01	4.9	<0.1	<0.05	1	<0.5	<0.2
Reference Materials																		
STD BVGEO01	Standard	25	187	1.34	293	0.214	3	2.41	0.200	0.93	5.9	0.10	6.4	0.6	0.69	8	5.2	1.1
STD DS11	Standard	16	54	0.83	348	0.083	6	1.19	0.073	0.39	3.0	0.26	3.3	4.5	0.26	5	1.9	4.1
STD OREAS262	Standard	15	43	1.16	251	0.003	5	1.36	0.069	0.31	0.2	0.18	3.4	0.5	0.25	4	0.5	0.2
STD OREAS262	Standard	15	43	1.12	249	0.002	3	1.37	0.067	0.32	0.2	0.17	3.4	0.5	0.25	4	<0.5	0.2
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
ROCK-VAN	Prep Blank	5	2	0.41	48	0.063	<1	0.84	0.093	0.09	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	5	2	0.38	55	0.059	<1	0.75	0.087	0.08	<0.1	<0.01	2.7	<0.1	<0.05	3	<0.5	<0.2