



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

<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
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

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

- 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
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 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
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	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
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

- 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	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 Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
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	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
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	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
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