



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

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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

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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
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

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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

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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
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	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

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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

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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

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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

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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

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

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 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

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 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

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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

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Order Number MEGA/ 40 of 320 Soil (MMI)
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 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