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2022 GEOCHEMICAL SAMPLING PROGRAM: BLUEBERRY LAKE PROPERTY

CASSELLS TOWNSHIP
SUDBURY MINING DIVISION, ONTARIO, CANADA

SPRINGER MINERAL RESOURCES CORP.
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ARTHUR W. BEECHAM

Prepared By:

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DECEMBER 22ND, 2022

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EXECUTIVE SUMMARY

Springer Mineral Resources Corp. (“Springer”) and Arthur W. Beecham requested the author to complete a technical report for assessment purposes on a recently completed geochemical sampling program on their 100% owned Blueberry Lake Property (“Property”).

The Property is situated approximately 120 km northeast of Sudbury, Ontario and approximately 9 km east-northeast of the Town of Temagami, Ontario (Figure 1). The Property is bounded by UTM coordinates 599645 E to 603,447 E, and 5,213,454 N to 5,215,741 N (NAD83, Z17N), and is covered by National Topographic System (NTS) map sheet 31M/4. The Property consists of 4 unpatented mining claims, covering an area of approximately 550.8 ha (Table 1, Figure 2).

The claims were staked in 2017 by A.W. Beecham & B.R. Webster (Springer Mineral Resources Corp.) to cover possible source rocks of two geochemically anomalous Co (+/- Pb and Zn) lake bottom sediments in Blueberry Lake, SE Cassels Township, as reported by the OGS (Open File Report 6144). Using the Silver Centre mining camp as a model, where many of the lake bottom sediments contained anomalous As, the lack of anomalous As in the Blueberry Lake samples suggested the possibility of a different style of mineralization present, and it was postulated that some sort of sediment hosted Co-Cu mineralization may be the source. However, a detailed review of the lake bottom sediment anomalies in the Silver Centre mining camp concluded that most of the anomalous metals in the lake bottom sediments were likely attributed to contamination from mining operations in the area, and that there was therefore no reason to suspect any other source other than Ag-Co-arsenide veins being responsible for the anomalies at Blueberry Lake.

In 2018, the Property was optioned to Cobalt Power Group Inc. (“CPO”). During the winter months, 12 lake bottom sediment samples were collected from the Property. This initial work concluded that the source of the anomalous metals is likely mineralized till around Blueberry Lake, and considering the north to south ice movement, it seemed likely that the bedrock source is to the north of the lake.

Later that summer, CPO completed geological mapping, prospecting, and soil sampling in the area of interest. A total of 13 rock samples and 111 soil samples were collected. Results from the geological mapping indicated that most of the area was overlain with Lorrain Formation quartzites and feldspathic quartzites. The results from the prospecting samples did not indicate the presence of any significant metal concentrations within bedrock, however weakly anomalous Co values were associated with argillite boulders and an isolated outcrop of siltstone located on the west side of the north bay on Blueberry Lake. Upon completion of the geological mapping and prospecting, a soil sampling program was completed. An anomalous area with elevated Ag, As, Cu, Co, Ni, and Zn values was encountered proximal to the ATV trail between Cassels Lake and Blueberry Lake (and proximal to an outcrop of quartz vein-bearing hematized feldspathic quartzite). This area is located along the eastern projection of the Gosselin lineament (fault or fracture zone) that hosts the Gosselin Co-arsenide-carbonate veins located 1.5 km to the west. However, two of the samples that had elevated values were also described as organic-rich samples and correlate with higher Mn values, suggesting that scavenging by Mn likely accounts for the higher values and should be discounted. No further work was completed by CPO and the claims were returned to the original vendors in 2021.

From May 31st to June 2nd, 2022, two days were spent by the author collecting infill B-horizon soil samples. The sampling program did identify weakly anomalous Cu, As, Ag values 100m to the north and south of the anomalies generated in 2018. It should be noted that a different digestion method was used in the recently completed sampling program from what was completed by CPO in 2018.

The presence of anomalous Ag, As, Co, and Cu values from the geochemical sampling programs may be indicative of the presence of an extensive Ag-Co-arsenide vein system at depth beneath the overlying Lorraine Formation.

It is recommended that additional B-horizon sampling be completed on two lines (600,200E to 600,600E along 5,215,150N, and from 600,200E to 600,600E along 5,214,950N). An enzyme leach or MMI (mobile metal ion) geochemical survey

should also be considered across the inferred projected extension of the Gosselin lineament as another method to validate the geochemical anomaly.

1.0 INTRODUCTION

Springer Mineral Resources Corp. (“Springer”) and Arthur W. Beecham requested the author to complete a technical report for assessment purposes on a geochemical soil sampling program completed on the Blueberry Lake Property (“Property”).

From May 31st to June 2nd, 2022, two days were spent collecting B-horizon samples designed to infill areas from the earlier completed work by CPO. The sampling targeted the eastern projection of the Gosselin lineament (fault or fracture zone) that hosts the Gosselin Co-arsenide-carbonate veins 1.5 km to the west. It has been postulated that this structure may be responsible for the anomalous geochemical and lake bottom sediments at Blueberry Lake, and may represent an attractive target at depth below the overlying Lorrain Formation.

2.0 PROPERTY DETAILS

2.1 Location and Access

The Property is situated approximately 120 km northeast of Sudbury, Ontario and approximately 9 km east-northeast of the Town of Temagami, Ontario, in the southeast corner of Cassels Township (Figure 1).

Access for this work was by boat across Cassels Lake, then along a trail to Blueberry Lake.

2.2 Topography and Vegetation

The topography of the Property is characterized by rolling hills and flat areas separated by broad swamp areas and lakes. Topographic relief is less than 30 metres in hilly areas where outcrop exposure is up to 5%. Forest cover is a combination of poplar, birch, spruce, cedar, and pine. Abundant water resources are present in the lakes, rivers, creeks,

and beaver ponds on the Property. The mean elevation of the Property is approximately 300 m ASL.

2.3 Claims

The Property is bounded by UTM coordinates 599645 E to 603,447 E, and 5,213,454 N to 5,215,741 N (NAD83, Z17N), and is covered by National Topographic System (NTS) map sheet 31M/4. The Property consists of 4 unpatented mining claims, covering an area of approximately 550.8 ha (Table 1, Figure 2). The claims are owned 50% by Springer Mineral Resources Corp., and 50% by Arthur W. Beecham.

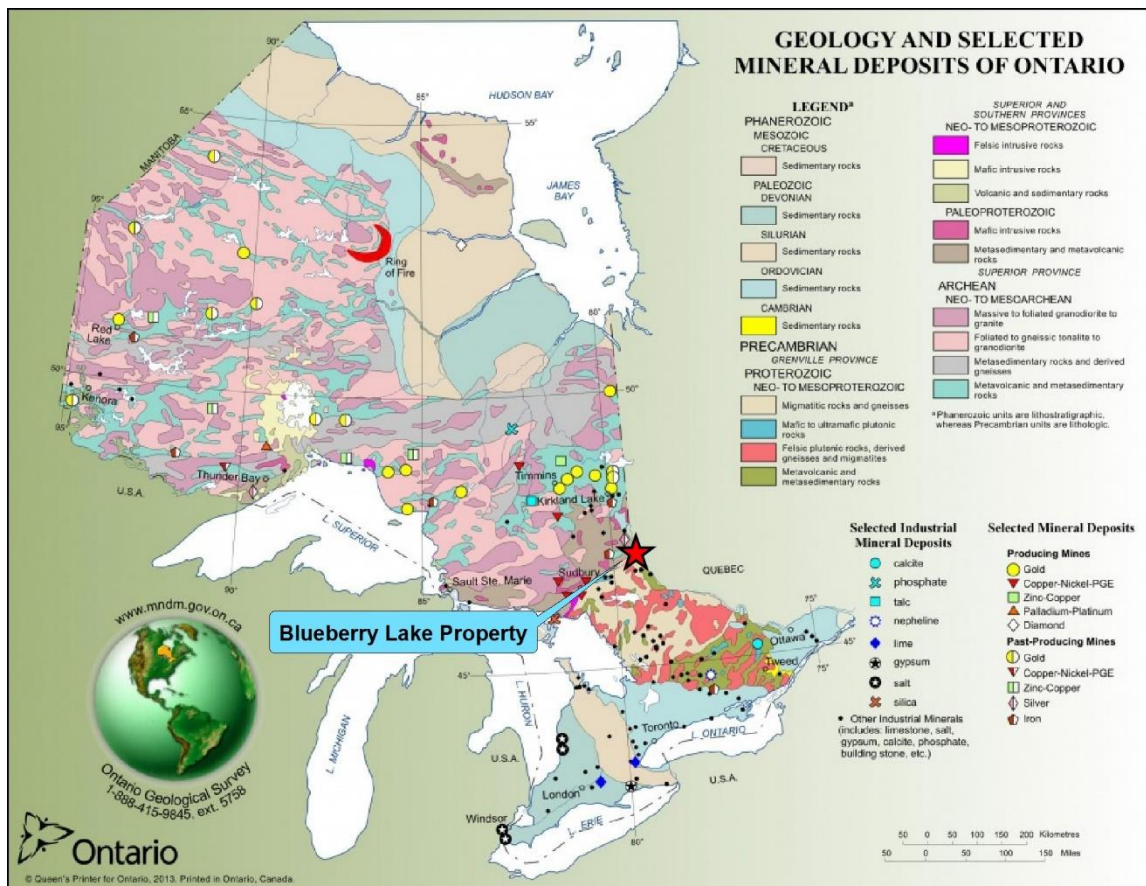


Figure 1: General Location of the Blueberry Lake Property, Cassels Township, Ontario.

Table 1: Claim Details of the Blueberry Lake Property

Township / Area	Tenure ID	Tenure Type	Anniversary Date	Work Required	Work Applied	Total Reserve
CASSELS	278009	Boundary Cell Mining Claim	2023-08-22	\$200	\$400	\$0
CASSELS	145304	Boundary Cell Mining Claim	2023-08-22	\$200	\$400	\$137
CASSELS	739523	Multi-cell Mining Claim	2023-08-22	\$4800	\$9600	\$423
CASSELS	739522	Multi-cell Mining Claim	2023-08-22	\$4800	\$9600	\$0

3.0 PREVIOUS WORK

1968: Silver Leader Mines M.L completed stream sediment and soil geochemical surveys over parts of the Property. Results for the samples taken over the present days claims are not available (blacked out).

2017: Beecham and Webster completed limited prospecting in the Blueberry Lake area. Weakly anomalous values were obtained from outcrop and boulders including 28 ppm Co, 74 ppb Cu, 68 ppm Ni, and 68 ppm Zn.

2018: Cobalt Power Group Inc. completed lake bottom sediment sampling, geochemical sampling, prospecting, and airborne geophysics (magnetometer & VLF-EM).

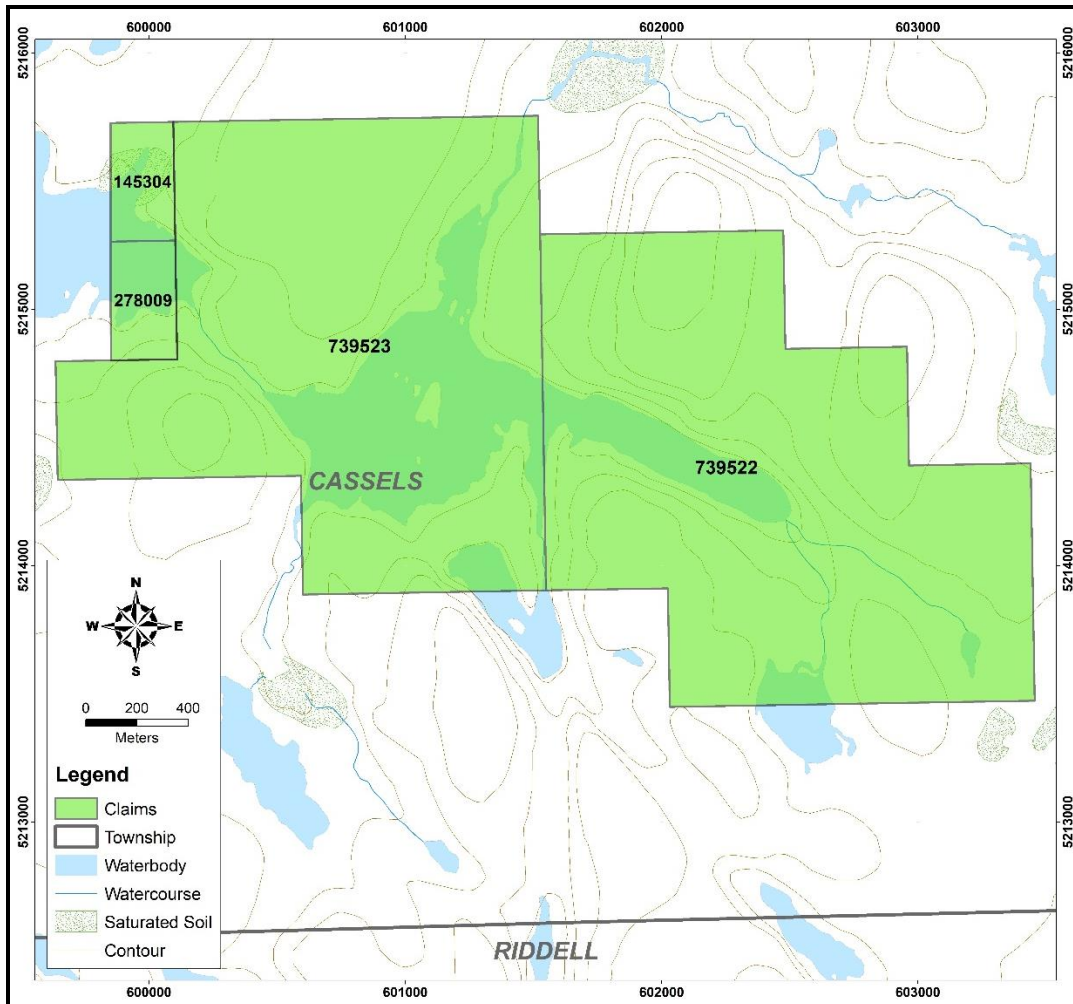


Figure 2: Tenure of the Blueberry Lake Property.

4.0 GEOLOGY

4.1 Property Geology

According to Born (1989), who mapped the area for the OGS, the area is underlain almost entirely by Lorrain Formation quartzites and feldspathic quartzites. Bedding, although somewhat undulating, generally strikes NNE and dips gently eastward. The rocks are weakly deformed. No significant mineralization is known on the Property. The Gosselin Co-arsenide-carbonate veins lie 1.5 km west-northwest of the Property, and the Sauv  (or Temagami-Lorrain) Co-Cu carbonate veins lie 4 km to the north. Both ‘showings’ are hosted by Nipissing gabbro which intrudes the Gowganda Formation. Minor chalcopyrite and galena are reported by Born a few 100’s of metres north of the claims. Some isolated, red alteration (hematization) is present with quartz veins, along the ATV trail between Cassels Lake and Blueberry Lake and along the north shore of the east arm of Blueberry Lake. This alteration lies along an apparent 110° striking fault. Two float samples of argillite from the east side of the north bay of Blueberry Lake and the other from high point north of the east arm of the lake with elevated Cu and Co levels are report by Beecham (2017).

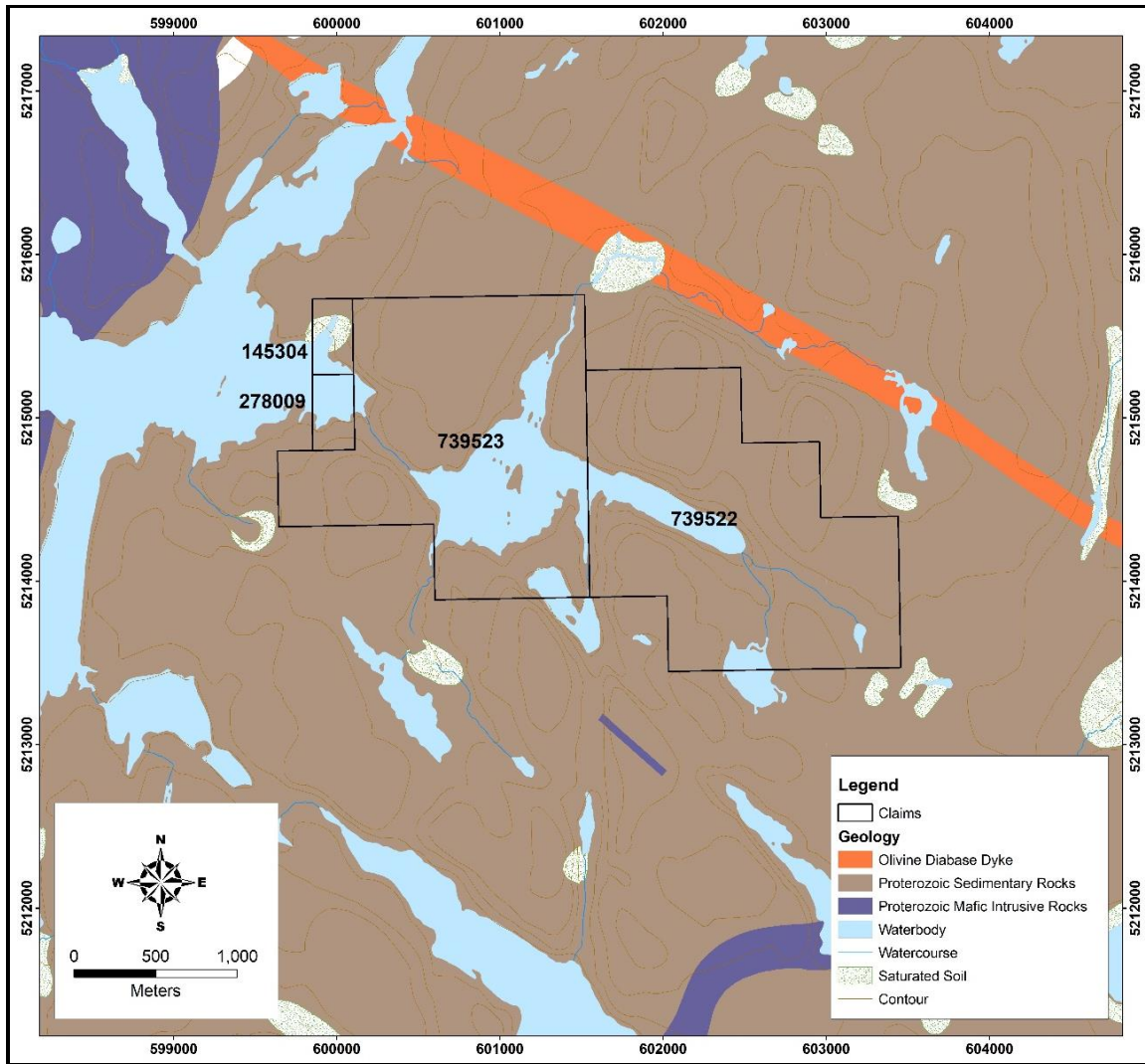


Figure 3: Property Geology (after OGS MRD 282).

5.0 2022 GEOCHEMICAL SAMPLING PROGRAM

5.1 Description of Work

From May 31st to June 2nd, 2022, two field days were spent collecting B-horizon soil samples over selected areas between Cassels Lake and Blueberry Lake. The work was completed entirely on mining claim 739523. The sampling program did identify weakly anomalous Cu, As, and Ag values 100 m to the north and south of anomalous samples that were generated in a previous geochemical survey.

Soil samples, collected with a Dutch auger, were taken at 25 m intervals along flagged east-west orientated grid lines and used a GPS for control. Table 2 provides the highlights from the survey. Maps 1 through 4 provide the sample locations with selected (Ag, As, Co, Cu) metal concentrations. Soil sample descriptions are provided in Appendix II, and assay certificates are provided in Appendix III.

It should be noted that a different digestion method was used in the recently completed sampling program from what was completed by CPO in 2018, which may account for the background shift between the two surveys when comparing results.

Table 2: Selected Soil Sample Highlights.

Sample	Ag_ppm	As_ppm	Co_ppm	Cu_ppm	Mn_ppm	Ni_ppm	Pb_ppm	Zn_ppm
BL22-001	0.1	6	2	3	92	5	5	30
BL22-003	0.1	4	13	18	235	46	8	47
BL22-007	0.1	1	10	25	349	35	6	70
BL22-009	0.1	5	11	19	222	41	5	61
BL22-011	0.1	3	8	13	174	26	9	60
BL22-020	0.1	1	11	21	238	31	9	76
BL22-021	0.1	3	14	31	543	40	7	53
BL22-029	0.1	2	9	22	277	28	5	29
BL22-044	0.4	1	12	23	168	39	7	73
BL22-048	0.3	2	14	23	159	45	10	61
BL22-052	0.1	2	16	22	235	49	8	59
BL22-055	0.1	4	16	38	208	44	16	64
BL22-056	0.1	1	10	22	196	31	10	91
BL22-059	0.1	5	16	23	185	44	8	45
BL22-071	0.1	1	13	25	342	38	6	40

6.0 CONCLUSIONS & RECOMMENDATIONS

From May 31st to June 2nd, 2022, two days were spent collecting infill B-horizon soil samples. The sampling program did identify weakly anomalous Cu, As, Ag values 100m to the north and south of the anomalies generated in 2018.

The anomalous soil geochemical samples are located along the eastern projection of the Gosselin lineament (fault or fracture zone) that hosts the Gosselin Co-arsenide-carbonate veins located 1.5 km to the west. The presence of anomalous Ag, As, Co, and Cu values from the geochemical sampling programs may be indicative of the presence of an extensive Ag-Co-arsenide vein system at depth beneath the overlying Lorraine Formation.

Based on the aforementioned results, the author recommends that:

- (1) Additional infill B-horizon soil sampling should be completed on two lines (600,200E to 600,600E along 5,215,150N, and from 600,200E to 600,600E along 5,214,950N).
- (2) An enzyme leach or MMI (mobile metal ion) geochemical survey should also be considered across the inferred projected extension of the Gosselin lineament as another method to validate the geochemical anomaly.

7.0 REFERENCES

Ayer, J.A. and Chartrand, J.E. 2011. Geological compilation of the Abitibi greenstone belt; Ontario Geological Survey, Miscellaneous Release—Data 282.

Beecham A.W. 2017. Blueberry Lake Claims, Cassels Township, Sudbury Mining Division; Description of reconnaissance prospecting November 2017.

Born P. 1989. Precambrian Geology, Cassels and Riddell Townships; Ont. Geological Survey Report 271, incl. Map 2526

Kleinboeck, J.M., Beecham, A.W. 2018. 2018 Lake Bottom Sediment Sampling Program; Blueberry Lake Property, Cassells Township, Sudbury Mining Division. Prepared for Cobalt Power Group Inc.

Ministry of Northern Development and Mines; Geology of Ontario, Assessment File Research Information (AFRI) found at www.geologyontario.mndm.gov.on.ca

O.G.S. 2004. Temagami Area Lake Sediment Geochemical Survey, Northeastern Ontario; Ontario Geological Survey O.F.R. 6144

Sergiades, A.O. 1968. Silver Cobalt Calcite Vein Deposits of Ontario, Ontario Department of Mines.

Appendix I
Statement of Qualifications

Statement of Qualifications

I, Joerg Martin Kleinboeck of 147 Lakeside Drive, North Bay, Ontario, do hereby certify that:

I am a graduate of Laurentian University, Sudbury, Ontario with a B.Sc. Geology, 2000, and have been practising my profession as a geologist since.

I am a member with the Association of Professional Geoscientists of Ontario (#1411).

I hold no interests in the securities of Springer Mineral Resources Corp. and I am independent of the subject Property.



The image shows a handwritten signature in black ink that reads "Joerg Kleinboeck". To the right of the signature is a circular professional seal. The seal has a three-lobed flower-like symbol in the center. The text around the inner border of the seal reads "PROFESSIONAL GEOSCIENTISTS" at the top and "ONTARIO" at the bottom. In the center of the seal, it says "JOERG M. KLEINBOECK", "PRACTISING MEMBER", and "1411".

Joerg Martin Kleinboeck
JMK Exploration Consulting
December 22nd, 2022
North Bay, Ontario

Appendix II

Sample Descriptions

Date	Sample	Easting	Northing	Soil Type	Depth of Sample (cm)	Colour	Topography	Ag	Cu	Mn	Ni	Pb	Zn	As	Co
								ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
								0.2	1	5	1	2	2	2	1
								AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
31-May-22	BL22-001	600975	5215000	silty clay	10-20	grey	flat	< 0.2	3	92	5	5	30	6	2
31-May-22	BL22-002	600950	5215000	silty clay	10-20	med brown	gentle slope to E	0.3	10	408	21	6	44	3	7
31-May-22	BL22-003	600925	5215000	silty sand	10-20	orange-brown	flat	< 0.2	18	235	46	8	47	4	13
31-May-22	BL22-004	600900	5215000	silty sand	10-20	med brown	mod slope to E	< 0.2	8	167	21	5	44	< 2	7
31-May-22	BL22-005	600875	5215000	silty sand	10-20	orange-brown	mod slope to E	< 0.2	23	244	41	7	64	< 2	10
31-May-22	BL22-006	600850	5215000	silty sand	10-20	orange-brown	mod slope to E	< 0.2	8	150	30	6	83	< 2	11
31-May-22	BL22-007	600825	5215000	silty clay	10-20	orange-brown	flat	< 0.2	25	349	35	6	70	< 2	10
31-May-22	BL22-008	600800	5215000	silty clay	10-20	orange-brown	slight slope to S	< 0.2	6	203	16	5	69	2	6
31-May-22	BL22-009	600775	5215000	silty clay	10-20	orange-brown	slight slope to S	< 0.2	19	222	41	5	61	5	11
31-May-22	BL22-010	600750	5215000	silty clay	10-20	orange-brown	slight slope to S	< 0.2	11	174	40	7	87	4	13
31-May-22	BL22-011	600725	5215000	silty sand	10-20	orange-brown	slight slope to SW	< 0.2	13	174	26	9	60	3	8
31-May-22	BL22-012	600700	5215000	silty sand	10-20	orange-brown	slight slope to SW	< 0.2	9	145	19	7	44	< 2	6
31-May-22	BL22-013	600675	5215000	silty clay	10-20	light grey-brown	slight slope to SW	< 0.2	10	195	22	4	37	< 2	7
31-May-22	BL22-014	600650	5215000	silty sand	10-20	orange-brown	mod slope to SW	< 0.2	4	73	4	5	12	< 2	2
31-May-22	BL22-015	600625	5215000	silt	10-20	light brown	mode slope to S	< 0.2	16	519	43	7	60	3	14
31-May-22	BL22-016	600600	5215000	silt	10-20	light brown	flat (boulders)	< 0.2	6	115	10	8	16	< 2	4
31-May-22	BL22-017	600575	5215000	silt	10-20	med brown	flat (fault?)	0.2	16	192	37	6	77	2	14
31-May-22	BL22-018	600550	5215000	silt	10-20	orange-brown	mod slope to N	< 0.2	12	125	23	8	41	< 2	9
31-May-22	BL22-019	600525	5215000	silt	10-20	orange-brown	mod slope to N	< 0.2	7	159	13	6	45	2	5
31-May-22	BL22-020	600500	5215000	silt	10-20	dark brown	mod slope to N	< 0.2	21	238	31	9	76	< 2	11
31-May-22	BL22-021	600475	5215000	silt	10-20	med brown	flat	< 0.2	31	543	40	7	53	3	14
31-May-22	BL22-022	600450	5215000	silty clay	10-20	orange-brown	mod slope to W	< 0.2	12	407	29	4	55	< 2	9
31-May-22	BL22-023	600425	5215000	silty sand	10-20	orange	slight slope to N	< 0.2	5	108	12	6	46	< 2	4
31-May-22	BL22-024	600400	5215000	silty sand	10-20	light brown	flat	< 0.2	13	135	20	7	23	< 2	6
31-May-22	BL22-025	600375	5215000	silty clay	10-20	orange-brown	flat	< 0.2	5	99	13	5	27	< 2	5
31-May-22	BL22-026	600350	5215000	silty sand	10-20	dark orange-brown	small N-S valley	< 0.2	16	178	27	7	32	2	8
31-May-22	BL22-027	600325	5215000	silty sand	10-20	dark orange-brown	flat	< 0.2	15	263	50	7	51	< 2	13
31-May-22	BL22-028	600300	5215000	silty sand	10-20	orange-brown	flat	< 0.2	10	214	37	7	41	2	12
31-May-22	BL22-029	600275	5215000	silty clay	10-20	light brown	flat	< 0.2	22	277	28	5	29	2	9
31-May-22	BL22-030	600250	5215000	silty sand	10-20	orange	flat (pines)	< 0.2	12	97	17	6	27	2	5
31-May-22	BL22-031	600225	5215000	silty sand	10-20	orange	mod slope to W (lake)	< 0.2	16	94	21	10	20	< 2	10
31-May-22	BL22-032	601075	5215200	silty clay	15-25	light brown	slight slope to E	< 0.2	20	698	39	7	57	< 2	13

Date	Sample	Easting	Northing	Soil Type	Depth of Sample (cm)	Colour	Topography	Ag	Cu	Mn	Ni	Pb	Zn	As	Co
								ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
								0.2	1	5	1	2	2	2	1
								AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
31-May-22	BL22-033	601050	5215200	silty sand	10-20	light orange	slight slope to E	< 0.2	13	205	34	9	38	< 2	12
31-May-22	BL22-034	601025	5215200	silty sand	10-20	light orange	slight slope to E	< 0.2	16	266	39	8	66	< 2	12
31-May-22	BL22-035	601000	5215200	silty sand	10-20	light orange-brown	flat	< 0.2	8	119	15	6	38	< 2	5
31-May-22	BL22-036	600975	5215200	silty sand	10-20	orange-brown	flat	< 0.2	9	104	12	9	34	< 2	3
31-May-22	BL22-037	600950	5215200	silty sand	10-20	orange-brown	slight slope to E	0.2	12	134	30	8	36	< 2	8
31-May-22	BL22-038	600925	5215200	silty sand	10-20	orange-brown	mod slope to E	< 0.2	14	141	39	6	49	2	12
31-May-22	BL22-039	600900	5215200	silty sand	10-20	orange-brown	mod slope to E	< 0.2	18	265	38	8	73	< 2	11
31-May-22	BL22-040	600875	5215200	silty sand	10-20	orange	slight slope to E	< 0.2	9	134	22	6	66	< 2	7
31-May-22	BL22-041	600850	5215200	silty clay	10-20	light grey-brown	flat	< 0.2	12	192	22	10	95	< 2	8
31-May-22	BL22-042	600825	5215200	silty clay	10-20	med brown	slight slope to E	< 0.2	24	1330	47	6	204	2	14
31-May-22	BL22-043	600800	5215200	silty sand	10-20	med brown	slight slope to E	0.3	16	164	40	7	56	3	13
31-May-22	BL22-044	600775	5215200	silty clay	10-20	orange-brown	flat	0.4	23	168	39	7	73	< 2	12
31-May-22	BL22-045	600750	5215200	silty clay	5-15	med brown	flat	0.2	18	156	31	9	44	< 2	10
31-May-22	BL22-046	600725	5215200	silty sand	5-15	orange-brown	flat	< 0.2	17	238	31	12	57	2	11
31-May-22	BL22-047	600700	5215200	silty sand	5-15	orange-brown	flat	< 0.2	7	137	23	6	43	< 2	9
31-May-22	BL22-048	600675	5215200	silty sand	10-20	med brown	flat	0.3	23	159	45	10	61	2	14
31-May-22	BL22-049	600650	5215200	silty sand	10-20	orange-brown	flat	< 0.2	14	123	14	12	40	3	5
31-May-22	BL22-050	600625	5215200	silty sand	10-20	orange-brown	flat (N-S swamp to E)	< 0.2	11	148	25	7	60	3	8
2-Jun-22	BL22-051	600600	5215200	silty sand	10-20	med brown	slight slope to E	< 0.2	19	330	41	8	87	4	11
2-Jun-22	BL22-052	600575	5215200	silty sand	10-20	orange-brown	flat	< 0.2	22	235	49	8	59	2	16
2-Jun-22	BL22-053	600550	5215200	silty sand	10-20	orange-brown	flat	< 0.2	13	175	24	7	40	3	8
2-Jun-22	BL22-054	600525	5215200	silty sand	10-20	orange-brown	flat	< 0.2	9	83	12	9	26	2	3
2-Jun-22	BL22-055	600500	5215200	silty sand	10-20	orange-brown	steep slope to W	< 0.2	38	208	44	16	64	4	16
2-Jun-22	BL22-056	600475	5215200	silty clay	10-20	brown-orange	flat	< 0.2	22	196	31	10	91	< 2	10
2-Jun-22	BL22-057	600450	5215200	silty sand	10-20	brown-orange	flat (N-S creek 5m to E)	< 0.2	8	120	13	7	55	< 2	5
2-Jun-22	BL22-058	600425	5215200	silty sand	10-20	orange	flat	< 0.2	21	200	45	10	56	2	12
2-Jun-22	BL22-059	600400	5215200	silty sand	10-20	orange-brown	flat - pines	< 0.2	23	185	44	8	45	5	16
2-Jun-22	BL22-060	600375	5215200	silty sand	5-15	orange-brown	flat - pines	< 0.2	18	176	29	10	32	4	10
2-Jun-22	BL22-061	600350	5215200	silty sand	5-15	orange-brown	steep slope to S (lake)	< 0.2	16	99	28	9	27	4	8
2-Jun-22	BL22-062	600325	5215200	silty sand	5-15	orange-brown	steep slope to S (lake)	< 0.2	21	134	36	8	30	< 2	11
2-Jun-22	BL22-063	600300	5215200	silty sand	5-15	orange-brown	steep slope to S (lake)	< 0.2	21	127	33	10	28	< 2	10
2-Jun-22	BL22-064	600875	5214900	silty sand	20-30	orange-brown	mod slope to E	< 0.2	7	132	17	7	31	< 2	6

Date	Sample	Easting	Northing	Soil Type	Depth of Sample (cm)	Colour	Topography	Ag	Cu	Mn	Ni	Pb	Zn	As	Co
								ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
								0.2	1	5	1	2	2	2	1
								AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
2-Jun-22	BL22-065	600850	5214900	silty sand	10-20	orange-brown	slight slope to SE	< 0.2	8	195	38	5	76	2	12
2-Jun-22	BL22-066	600825	5214900	silty sand	10-20	light brown	flat	< 0.2	11	267	24	4	40	< 2	8
2-Jun-22	BL22-067	600800	5214900	silty sand	10-20	light brown-orange	flat	0.2	19	453	41	9	59	< 2	12
2-Jun-22	BL22-068	600775	5214900	silty sand	10-20	orange-brown	flat (near trail)	< 0.2	15	170	35	7	45	3	10
2-Jun-22	BL22-069	600750	5214900	silty sand	10-20	orange-brown	flat (near trail)	< 0.2	15	200	30	8	44	< 2	9
2-Jun-22	BL22-070	600725	5214900	silty sand	10-20	orange-brown	slight slope to SW	< 0.2	13	144	27	7	50	3	9
2-Jun-22	BL22-071	600700	5214900	silty clay	10-20	light brown	flat	< 0.2	25	342	38	6	40	< 2	13
2-Jun-22	BL22-072	600675	5214900	silty sand	10-20	orange-brown	slight slope to SW	< 0.2	7	122	15	5	36	< 2	6
2-Jun-22	BL22-073	600650	5214900	silty sand	15-25	dark orange-brown	flat	< 0.2	8	122	21	6	31	< 2	8
2-Jun-22	BL22-074	600625	5214900	silty clay	15-25	light brown	flat	< 0.2	9	160	27	5	31	< 2	9
2-Jun-22	BL22-075	600600	5214900	silty sand	10-20	orange-brown	flat (near trail)	0.2	12	337	20	8	57	2	7
2-Jun-22	BL22-076	600575	5214900	silty sand	10-20	orange-brown	slight slope to E	< 0.2	9	292	11	8	73	< 2	5
2-Jun-22	BL22-077	600550	5214900	silty sand	10-20	orange-brown	slight slope to W	< 0.2	22	193	35	22	57	3	9
2-Jun-22	BL22-078	600525	5214900	silty sand	10-20	light brown-orange	slight slope to W	< 0.2	10	124	19	6	17	< 2	6
2-Jun-22	BL22-079	600500	5214900	silty sand	10-20	orange-brown	flat	< 0.2	11	144	27	7	30	< 2	8

Appendix III
Assay Certificate



Report No.: A22-07544
Report Date: 30-Jun-22
Date Submitted: 06-Jun-22
Your Reference: BLUEBERRY LAKE

JMK Exploration Consulting

ATTN: Joerg Kleinboeck

CERTIFICATE OF ANALYSIS

79 Soil samples were submitted for analysis.

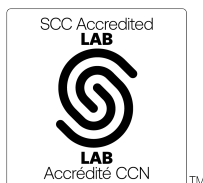
Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1E3, QOP AquaGeo (Aqua Regia ICPOES), 2022-06-23 13:54:40

REPORT A22-07544

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 266

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CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-07544

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2		0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
BL22-001	< 0.2	< 0.5	3	92	< 1	5	5	30	0.61	6	< 10	22	< 0.5	< 2	0.29	2	18	0.47	< 10	< 1	0.04	10	0.14
BL22-002	0.3	< 0.5	10	408	< 1	21	6	44	1.34	3	< 10	63	< 0.5	< 2	0.50	7	45	1.58	< 10	< 1	0.06	11	0.36
BL22-003	< 0.2	< 0.5	18	235	< 1	46	8	47	2.40	4	< 10	57	0.5	< 2	0.25	13	79	2.30	< 10	< 1	0.08	< 10	0.57
BL22-004	< 0.2	< 0.5	8	167	< 1	21	5	44	1.32	< 2	< 10	35	< 0.5	< 2	0.26	7	50	1.89	< 10	< 1	0.07	< 10	0.35
BL22-005	< 0.2	< 0.5	23	244	< 1	41	7	64	1.76	< 2	10	61	< 0.5	< 2	0.33	10	79	2.44	< 10	< 1	0.11	< 10	0.65
BL22-006	< 0.2	< 0.5	8	150	< 1	30	6	83	2.08	< 2	< 10	51	< 0.5	< 2	0.30	11	56	2.21	< 10	< 1	0.06	10	0.36
BL22-007	< 0.2	< 0.5	25	349	< 1	35	6	70	1.61	< 2	< 10	67	< 0.5	< 2	0.43	10	62	1.87	< 10	< 1	0.09	18	0.55
BL22-008	< 0.2	< 0.5	6	203	< 1	16	5	69	1.41	2	< 10	58	< 0.5	< 2	0.27	6	47	1.99	< 10	< 1	0.07	< 10	0.32
BL22-009	< 0.2	< 0.5	19	222	< 1	41	5	61	2.10	5	10	79	0.6	< 2	0.32	11	79	2.30	< 10	< 1	0.11	16	0.63
BL22-010	< 0.2	< 0.5	11	174	< 1	40	7	87	2.35	4	< 10	68	0.6	< 2	0.25	13	70	2.76	< 10	< 1	0.08	< 10	0.44
BL22-011	< 0.2	< 0.5	13	174	< 1	26	9	60	1.77	3	< 10	61	< 0.5	< 2	0.33	8	59	2.74	10	< 1	0.07	14	0.38
BL22-012	< 0.2	< 0.5	9	145	< 1	19	7	44	1.47	< 2	< 10	45	< 0.5	< 2	0.27	6	50	2.01	< 10	< 1	0.06	11	0.32
BL22-013	< 0.2	< 0.5	10	195	< 1	22	4	37	1.32	< 2	< 10	44	< 0.5	< 2	0.32	7	50	1.46	< 10	< 1	0.07	12	0.41
BL22-014	< 0.2	< 0.5	4	73	< 1	4	5	12	0.42	< 2	< 10	17	< 0.5	< 2	0.14	2	18	0.60	< 10	< 1	0.03	< 10	0.08
BL22-015	< 0.2	< 0.5	16	519	< 1	43	7	60	1.59	3	< 10	56	< 0.5	< 2	0.35	14	100	2.09	< 10	< 1	0.08	19	0.86
BL22-016	< 0.2	< 0.5	6	115	< 1	10	8	16	0.63	< 2	< 10	15	< 0.5	< 2	0.30	4	29	0.84	< 10	< 1	0.04	< 10	0.29
BL22-017	0.2	< 0.5	16	192	< 1	37	6	77	2.20	2	< 10	66	0.5	< 2	0.33	14	66	2.28	< 10	< 1	0.08	11	0.55
BL22-018	< 0.2	< 0.5	12	125	< 1	23	8	41	2.00	< 2	< 10	40	< 0.5	< 2	0.26	9	61	2.26	< 10	< 1	0.06	< 10	0.34
BL22-019	< 0.2	< 0.5	7	159	< 1	13	6	45	1.33	2	< 10	33	< 0.5	< 2	0.26	5	41	2.22	< 10	< 1	0.05	11	0.27
BL22-020	< 0.2	< 0.5	21	238	< 1	31	9	76	1.99	< 2	< 10	77	0.5	< 2	0.31	11	59	2.31	10	< 1	0.11	14	0.45
BL22-021	< 0.2	< 0.5	31	543	< 1	40	7	53	1.66	3	< 10	83	< 0.5	< 2	0.39	14	71	2.16	< 10	< 1	0.08	16	0.58
BL22-022	< 0.2	< 0.5	12	407	< 1	29	4	55	1.59	< 2	< 10	75	< 0.5	< 2	0.26	9	70	2.55	< 10	< 1	0.07	< 10	0.46
BL22-023	< 0.2	< 0.5	5	108	< 1	12	6	46	1.50	< 2	< 10	40	< 0.5	< 2	0.22	4	41	2.21	10	< 1	0.04	< 10	0.20
BL22-024	< 0.2	< 0.5	13	135	< 1	20	7	23	1.16	< 2	< 10	41	< 0.5	< 2	0.25	6	40	1.28	< 10	< 1	0.06	11	0.35
BL22-025	< 0.2	< 0.5	5	99	1	13	5	27	1.66	< 2	< 10	44	< 0.5	< 2	0.23	5	36	1.67	< 10	< 1	0.04	< 10	0.18
BL22-026	< 0.2	< 0.5	16	178	< 1	27	7	32	1.92	2	< 10	54	< 0.5	< 2	0.23	8	72	3.12	< 10	< 1	0.07	< 10	0.42
BL22-027	< 0.2	< 0.5	15	263	< 1	50	7	51	2.75	< 2	< 10	102	0.6	< 2	0.22	13	75	2.58	< 10	< 1	0.08	< 10	0.49
BL22-028	< 0.2	< 0.5	10	214	< 1	37	7	41	2.40	2	< 10	73	0.5	< 2	0.33	12	58	2.38	< 10	< 1	0.06	< 10	0.38
BL22-029	< 0.2	< 0.5	22	277	< 1	28	5	29	1.53	2	< 10	66	< 0.5	< 2	0.32	9	50	1.61	< 10	< 1	0.06	15	0.43
BL22-030	< 0.2	< 0.5	12	97	1	17	6	27	2.25	2	< 10	40	< 0.5	< 2	0.19	5	44	2.24	< 10	< 1	0.05	< 10	0.24
BL22-031	< 0.2	< 0.5	16	94	1	21	10	20	2.71	< 2	< 10	33	0.6	< 2	0.16	10	51	2.51	< 10	< 1	0.04	< 10	0.23
BL22-032	< 0.2	< 0.5	20	698	< 1	39	7	57	2.02	< 2	< 10	82	0.5	< 2	0.36	13	80	2.23	< 10	< 1	0.08	13	0.70
BL22-033	< 0.2	< 0.5	13	205	< 1	34	9	38	2.18	< 2	< 10	58	0.6	< 2	0.21	12	65	2.07	< 10	< 1	0.06	< 10	0.47
BL22-034	< 0.2	< 0.5	16	266	< 1	39	8	66	2.56	< 2	< 10	59	0.5	< 2	0.21	12	80	2.38	< 10	< 1	0.07	< 10	0.51
BL22-035	< 0.2	< 0.5	8	119	1	15	6	38	1.66	< 2	< 10	42	< 0.5	< 2	0.20	5	49	2.37	< 10	< 1	0.05	< 10	0.22
BL22-036	< 0.2	< 0.5	9	104	< 1	12	9	34	1.34	< 2	< 10	30	< 0.5	< 2	0.17	3	41	2.49	10	< 1	0.06	< 10	0.23
BL22-037	0.2	< 0.5	12	134	< 1	30	8	36	1.98	< 2	< 10	65	0.5	< 2	0.25	8	65	3.32	10	< 1	0.08	12	0.40
BL22-038	< 0.2	< 0.5	14	141	< 1	39	6	49	2.59	2	< 10	57	0.6	< 2	0.22	12	76	2.69	< 10	< 1	0.07	11	0.41
BL22-039	< 0.2	< 0.5	18	265	< 1	38	8	73	2.02	< 2	< 10	70	< 0.5	< 2	0.27	11	74	2.37	< 10	< 1	0.10	11	0.58
BL22-040	< 0.2	< 0.5	9	134	< 1	22	6	66	1.77	< 2	< 10	57	< 0.5	< 2	0.23	7	60	2.49	< 10	< 1	0.07	11	0.36
BL22-041	< 0.2	< 0.5	12	192	< 1	22	10	95	1.46	< 2	< 10	58	< 0.5	< 2	0.36	8	49	1.49	< 10	< 1	0.06	< 10	0.43
BL22-042	< 0.2	< 0.5	24	1330	< 1	47	6	204	2.58	2	< 10	129	0.8	< 2	0.46	14	90	2.58	< 10	< 1	0.11	21	0.62
BL22-043	0.3	< 0.5	16	164	< 1	40	7	56	2.53	3	< 10	66	0.6	< 2	0.30	13	69	3.07	< 10	< 1	0.09	10	0.48
BL22-044	0.4	< 0.5	23	168	< 1	39	7	73	2.46	< 2	< 10	70	< 0.5	< 2	0.31	12	64	2.26	< 10	< 1	0.07	10	0.47
BL22-045	0.2	< 0.5	18	156	< 1	31	9	44	2.31	< 2	< 10	53	< 0.5	< 2	0.23	10	68	2.28	< 10	< 1	0.07	< 10	0.50
BL22-046	< 0.2	< 0.5	17	238	< 1	31	12	57	2.22	2	< 10	62	< 0.5	< 2	0.19	11	71	3.28	< 10	< 1	0.06	< 10	0.40
BL22-047	< 0.2	< 0.5	7	137	< 1	23	6	43	1.97	< 2	< 10	49	< 0.5	< 2	0.23	9	48	1.96	< 10	< 1	0.05	< 10	0.28
BL22-048	0.3	< 0.5	23	159	< 1	45	10	61	2.61	2	< 10	100	< 0.5	< 2	0.26	14	67	2.79	< 10	< 1	0.06	< 10	0.42
BL22-049	< 0.2	< 0.5	14	123	1	14	12	40	1.42	3	< 10	33	< 0.5	< 2	0.16	5	43	1.75	< 10	< 1	0.04	< 10	0.22
BL22-050	< 0.2	< 0.5	11	148	< 1	25	7	60	2.37	3	< 10	51	< 0.5	< 2	0.19	8	62	3.00	10	< 1	0.06	< 10	0.36
BL22-051	< 0.2	< 0.5	19	330	< 1	41	8	87	2.24	4	< 10	78	0.5	< 2	0.26	11	82	2.61	< 10	< 1	0.10	< 10	0.55

Results

Activation Laboratories Ltd.

Report: A22-07544

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
BL22-052	< 0.2	< 0.5	22	235	< 1	49	8	59	2.64	2	< 10	87	0.6	< 2	0.25	16	87	2.79	< 10	< 1	0.06	< 10	0.61
BL22-053	< 0.2	< 0.5	13	175	< 1	24	7	40	1.76	3	< 10	58	< 0.5	< 2	0.25	8	49	2.26	< 10	< 1	0.06	< 10	0.30
BL22-054	< 0.2	< 0.5	9	83	1	12	9	26	1.95	2	< 10	35	< 0.5	< 2	0.18	3	45	2.53	10	< 1	0.04	< 10	0.15
BL22-055	< 0.2	< 0.5	38	208	< 1	44	16	64	2.59	4	< 10	77	0.8	< 2	0.24	16	75	2.44	< 10	< 1	0.09	10	0.54
BL22-056	< 0.2	< 0.5	22	196	< 1	31	10	91	2.10	< 2	< 10	99	0.6	< 2	0.26	10	55	2.32	< 10	< 1	0.07	13	0.36
BL22-057	< 0.2	< 0.5	8	120	< 1	13	7	55	1.42	< 2	< 10	38	< 0.5	< 2	0.20	5	37	1.69	< 10	< 1	0.04	< 10	0.20
BL22-058	< 0.2	< 0.5	21	200	< 1	45	10	56	2.57	2	< 10	84	0.6	< 2	0.24	12	78	2.60	< 10	< 1	0.08	10	0.54
BL22-059	< 0.2	< 0.5	23	185	< 1	44	8	45	2.34	5	< 10	70	0.5	< 2	0.24	16	78	2.38	< 10	< 1	0.06	< 10	0.49
BL22-060	< 0.2	< 0.5	18	176	< 1	29	10	32	2.02	4	< 10	43	< 0.5	< 2	0.19	10	62	2.14	< 10	< 1	0.05	< 10	0.34
BL22-061	< 0.2	< 0.5	16	99	< 1	28	9	27	2.39	4	< 10	43	< 0.5	< 2	0.14	8	61	2.44	< 10	< 1	0.05	< 10	0.28
BL22-062	< 0.2	< 0.5	21	134	< 1	36	8	30	2.33	< 2	< 10	63	< 0.5	< 2	0.19	11	66	2.47	< 10	< 1	0.07	< 10	0.41
BL22-063	< 0.2	< 0.5	21	127	< 1	33	10	28	2.25	< 2	< 10	56	< 0.5	< 2	0.19	10	62	2.17	< 10	< 1	0.05	12	0.37
BL22-064	< 0.2	< 0.5	7	132	< 1	17	7	31	1.23	< 2	< 10	47	< 0.5	< 2	0.24	6	41	1.71	< 10	< 1	0.05	< 10	0.26
BL22-065	< 0.2	< 0.5	8	195	< 1	38	5	76	2.25	2	< 10	77	< 0.5	< 2	0.26	12	65	2.47	< 10	< 1	0.07	< 10	0.44
BL22-066	< 0.2	< 0.5	11	267	< 1	24	4	40	1.38	< 2	< 10	64	< 0.5	< 2	0.43	8	50	1.58	< 10	< 1	0.06	18	0.42
BL22-067	0.2	< 0.5	19	453	< 1	41	9	59	2.17	< 2	< 10	92	< 0.5	< 2	0.49	12	66	2.17	< 10	< 1	0.09	11	0.47
BL22-068	< 0.2	< 0.5	15	170	< 1	35	7	45	1.96	3	< 10	55	< 0.5	< 2	0.27	10	69	2.74	< 10	< 1	0.08	< 10	0.44
BL22-069	< 0.2	< 0.5	15	200	< 1	30	8	44	1.79	< 2	< 10	73	< 0.5	< 2	0.34	9	53	1.88	< 10	< 1	0.09	11	0.40
BL22-070	< 0.2	< 0.5	13	144	< 1	27	7	50	2.04	3	< 10	57	< 0.5	< 2	0.24	9	51	2.74	10	< 1	0.08	< 10	0.30
BL22-071	< 0.2	< 0.5	25	342	< 1	38	6	40	1.63	< 2	< 10	50	< 0.5	< 2	0.45	13	80	2.10	< 10	< 1	0.08	17	0.82
BL22-072	< 0.2	< 0.5	7	122	< 1	15	5	36	1.41	< 2	< 10	31	< 0.5	< 2	0.17	6	44	1.63	< 10	< 1	0.04	< 10	0.23
BL22-073	< 0.2	< 0.5	8	122	< 1	21	6	31	1.81	< 2	< 10	39	< 0.5	< 2	0.21	8	56	2.53	< 10	< 1	0.05	< 10	0.33
BL22-074	< 0.2	< 0.5	9	160	< 1	27	5	31	1.43	< 2	< 10	48	< 0.5	< 2	0.30	9	52	1.30	< 10	< 1	0.05	14	0.45
BL22-075	0.2	< 0.5	12	337	< 1	20	8	57	1.45	2	< 10	58	< 0.5	< 2	0.22	7	49	1.96	< 10	< 1	0.07	< 10	0.32
BL22-076	< 0.2	< 0.5	9	292	< 1	11	8	73	1.51	< 2	< 10	32	< 0.5	< 2	0.18	5	44	1.80	< 10	< 1	0.04	< 10	0.22
BL22-077	< 0.2	< 0.5	22	193	< 1	35	22	57	2.10	3	< 10	79	0.5	< 2	0.26	9	69	2.85	< 10	< 1	0.09	12	0.51
BL22-078	< 0.2	< 0.5	10	124	1	19	6	17	1.19	< 2	< 10	31	< 0.5	< 2	0.21	6	37	1.23	< 10	< 1	0.04	11	0.25
BL22-079	< 0.2	< 0.5	11	144	< 1	27	7	30	1.99	< 2	< 10	55	< 0.5	< 2	0.24	8	55	2.38	< 10	< 1	0.06	< 10	0.34

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
BL22-001	0.015	0.006	< 0.01	< 2	2	25	0.10	< 20	1	< 2	< 10	18	< 10	4	2
BL22-002	0.021	0.023	0.02	< 2	3	23	0.11	< 20	2	< 2	< 10	40	< 10	4	3
BL22-003	0.018	0.052	0.03	< 2	4	16	0.11	< 20	4	< 2	< 10	49	< 10	4	5
BL22-004	0.019	0.065	0.01	< 2	3	17	0.11	< 20	2	< 2	< 10	42	< 10	3	4
BL22-005	0.022	0.037	0.02	< 2	4	22	0.14	< 20	< 1	< 2	< 10	53	< 10	5	3
BL22-006	0.021	0.034	0.02	< 2	3	22	0.14	< 20	< 1	< 2	< 10	48	< 10	4	3
BL22-007	0.026	0.018	0.01	< 2	4	29	0.13	< 20	6	< 2	< 10	45	< 10	7	2
BL22-008	0.020	0.073	0.01	< 2	3	23	0.13	< 20	2	< 2	< 10	45	< 10	4	3
BL22-009	0.021	0.039	0.02	< 2	4	23	0.11	< 20	< 1	< 2	< 10	45	< 10	8	3
BL22-010	0.017	0.077	0.03	< 2	3	17	0.11	< 20	1	< 2	< 10	54	< 10	4	5
BL22-011	0.018	0.061	0.02	< 2	3	22	0.13	< 20	3	< 2	< 10	64	< 10	6	4
BL22-012	0.017	0.035	0.02	< 2	3	21	0.12	< 20	3	< 2	< 10	48	< 10	4	4
BL22-013	0.019	0.013	< 0.01	< 2	3	26	0.13	< 20	1	< 2	< 10	37	< 10	5	5
BL22-014	0.013	0.009	< 0.01	< 2	1	15	0.07	< 20	< 1	< 2	< 10	24	< 10	2	3
BL22-015	0.021	0.026	< 0.01	< 2	4	26	0.14	< 20	4	< 2	< 10	48	< 10	6	3
BL22-016	0.018	0.014	< 0.01	< 2	2	20	0.11	< 20	1	< 2	< 10	25	< 10	3	4
BL22-017	0.023	0.039	0.02	< 2	4	23	0.13	< 20	< 1	< 2	< 10	45	< 10	5	4
BL22-018	0.018	0.034	0.03	< 2	3	19	0.12	< 20	6	< 2	< 10	47	< 10	5	4
BL22-019	0.017	0.040	0.02	< 2	3	22	0.13	< 20	3	< 2	< 10	47	< 10	4	3
BL22-020	0.020	0.055	0.03	< 2	3	24	0.10	< 20	< 1	< 2	< 10	46	< 10	6	3
BL22-021	0.023	0.031	0.02	< 2	4	23	0.10	< 20	4	< 2	< 10	44	< 10	7	3
BL22-022	0.019	0.037	0.02	< 2	3	21	0.13	< 20	5	< 2	< 10	53	< 10	4	3
BL22-023	0.015	0.029	0.02	< 2	3	22	0.15	< 20	< 1	< 2	< 10	54	< 10	4	5
BL22-024	0.019	0.018	0.01	< 2	3	21	0.13	< 20	2	< 2	< 10	35	< 10	4	4
BL22-025	0.016	0.020	0.02	< 2	2	22	0.11	< 20	< 1	< 2	< 10	39	< 10	3	5
BL22-026	0.016	0.033	0.02	< 2	3	18	0.16	< 20	5	< 2	< 10	63	< 10	4	6
BL22-027	0.021	0.042	0.03	< 2	3	16	0.10	< 20	< 1	< 2	< 10	45	< 10	3	4
BL22-028	0.020	0.039	0.03	< 2	3	22	0.11	< 20	4	< 2	< 10	45	< 10	3	5
BL22-029	0.024	0.021	0.01	< 2	3	26	0.13	< 20	< 1	< 2	< 10	40	< 10	5	3
BL22-030	0.017	0.023	0.03	< 2	3	18	0.13	< 20	< 1	< 2	< 10	54	< 10	3	8
BL22-031	0.016	0.021	0.06	< 2	4	15	0.12	< 20	< 1	< 2	< 10	57	< 10	4	9
BL22-032	0.024	0.026	0.01	< 2	4	25	0.14	< 20	< 1	< 2	< 10	51	< 10	6	4
BL22-033	0.020	0.057	0.02	< 2	3	17	0.11	< 20	5	< 2	< 10	41	< 10	4	4
BL22-034	0.019	0.057	0.02	< 2	3	17	0.12	< 20	5	< 2	< 10	50	< 10	3	4
BL22-035	0.015	0.044	0.02	< 2	3	19	0.15	< 20	4	< 2	< 10	60	< 10	3	4
BL22-036	0.014	0.027	0.02	< 2	3	19	0.20	< 20	3	< 2	< 10	80	< 10	3	7
BL22-037	0.016	0.036	0.03	< 2	3	20	0.16	< 20	2	< 2	< 10	69	< 10	5	6
BL22-038	0.019	0.052	0.03	< 2	4	19	0.11	< 20	5	< 2	< 10	50	< 10	4	5
BL22-039	0.020	0.060	0.02	< 2	3	22	0.12	< 20	2	< 2	< 10	48	< 10	4	3
BL22-040	0.017	0.072	0.02	< 2	3	20	0.13	< 20	< 1	< 2	< 10	53	< 10	4	6
BL22-041	0.019	0.032	0.02	< 2	3	23	0.10	< 20	< 1	< 2	< 10	35	< 10	4	2
BL22-042	0.023	0.050	0.02	< 2	5	24	0.07	< 20	< 1	< 2	< 10	48	< 10	9	4
BL22-043	0.020	0.040	0.03	< 2	3	23	0.14	< 20	3	< 2	< 10	61	< 10	5	5
BL22-044	0.021	0.028	0.02	< 2	3	23	0.12	< 20	8	< 2	< 10	48	< 10	4	4
BL22-045	0.017	0.024	0.03	< 2	3	18	0.13	< 20	2	< 2	< 10	57	< 10	3	5
BL22-046	0.018	0.046	0.04	< 2	3	14	0.11	< 20	5	< 2	< 10	62	< 10	3	5
BL22-047	0.019	0.019	0.02	< 2	3	19	0.12	< 20	1	< 2	< 10	41	< 10	3	5
BL22-048	0.023	0.025	0.03	< 2	3	20	0.13	< 20	3	< 2	< 10	50	< 10	3	5
BL22-049	0.015	0.021	0.02	< 2	3	15	0.11	< 20	6	< 2	< 10	48	< 10	3	6
BL22-050	0.017	0.032	0.03	< 2	3	16	0.14	< 20	5	< 2	< 10	61	< 10	3	7
BL22-051	0.019	0.074	0.02	< 2	4	20	0.11	< 20	4	< 2	< 10	52	< 10	4	4

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
BL22-052	0.020	0.045	0.03	< 2	4	16	0.11	< 20	< 1	< 2	< 10	54	< 10	4	6
BL22-053	0.020	0.018	0.02	< 2	3	23	0.13	< 20	< 1	< 2	< 10	52	< 10	4	4
BL22-054	0.014	0.019	0.02	< 2	3	17	0.14	< 20	2	< 2	< 10	65	< 10	3	8
BL22-055	0.020	0.028	0.03	< 2	4	19	0.11	< 20	6	< 2	< 10	48	< 10	4	6
BL22-056	0.020	0.032	0.03	< 2	3	23	0.10	< 20	< 1	< 2	< 10	46	< 10	5	3
BL22-057	0.014	0.030	0.03	< 2	2	18	0.11	< 20	1	< 2	< 10	42	< 10	3	3
BL22-058	0.020	0.024	0.02	< 2	4	20	0.14	< 20	2	< 2	< 10	50	< 10	5	5
BL22-059	0.019	0.026	0.02	< 2	3	17	0.12	< 20	5	< 2	< 10	49	< 10	4	8
BL22-060	0.015	0.031	0.02	< 2	3	15	0.10	< 20	< 1	< 2	< 10	46	< 10	3	5
BL22-061	0.016	0.020	0.03	< 2	3	12	0.12	< 20	< 1	< 2	< 10	53	< 10	2	9
BL22-062	0.017	0.017	0.02	< 2	3	17	0.13	< 20	5	< 2	< 10	57	< 10	4	7
BL22-063	0.019	0.016	0.02	< 2	3	16	0.12	< 20	< 1	< 2	< 10	48	< 10	4	9
BL22-064	0.014	0.029	0.02	< 2	2	17	0.10	< 20	1	< 2	< 10	41	< 10	2	4
BL22-065	0.019	0.030	0.02	< 2	3	21	0.13	< 20	< 1	< 2	< 10	49	< 10	4	5
BL22-066	0.025	0.014	< 0.01	< 2	4	28	0.14	< 20	3	< 2	< 10	39	< 10	7	5
BL22-067	0.020	0.036	0.02	< 2	3	22	0.09	< 20	3	< 2	< 10	42	< 10	5	3
BL22-068	0.018	0.047	0.02	< 2	3	20	0.14	< 20	< 1	< 2	< 10	60	< 10	4	4
BL22-069	0.020	0.024	0.01	< 2	3	25	0.12	< 20	2	< 2	< 10	41	< 10	5	4
BL22-070	0.016	0.043	0.02	< 2	3	19	0.15	< 20	5	< 2	< 10	60	< 10	3	4
BL22-071	0.024	0.045	< 0.01	< 2	4	32	0.15	< 20	6	< 2	< 10	51	< 10	6	4
BL22-072	0.015	0.038	0.02	< 2	2	15	0.07	< 20	4	< 2	< 10	36	< 10	2	3
BL22-073	0.017	0.022	0.02	< 2	3	17	0.13	< 20	4	< 2	< 10	55	< 10	3	7
BL22-074	0.020	0.034	0.03	< 2	3	20	0.10	< 20	2	< 2	< 10	31	< 10	5	2
BL22-075	0.016	0.027	0.02	< 2	3	20	0.13	< 20	3	< 2	< 10	49	< 10	3	3
BL22-076	0.014	0.078	0.03	< 2	2	16	0.08	< 20	3	< 2	< 10	40	< 10	3	2
BL22-077	0.019	0.034	0.02	< 2	4	22	0.15	< 20	6	< 2	< 10	62	< 10	5	7
BL22-078	0.016	0.015	0.01	< 2	3	19	0.11	< 20	1	< 2	< 10	36	< 10	4	4
BL22-079	0.018	0.025	0.02	< 2	3	21	0.15	< 20	< 1	< 2	< 10	56	< 10	4	6

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45d (Aqua Regia) Meas			339	399		185	13	34	4.96	8		76		< 2	0.09	26	473	12.6	20		0.10	< 10	0.16
OREAS 45d (Aqua Regia) Cert			345	400		176	17	30.6	4.86	6.50		80		0.30	0.09	26.2	467	13.7	17.9		0.097	10.0	0.144
OREAS 45d (Aqua Regia) Meas			364	420		208	13	34	5.56	< 2		75		< 2	0.09	27	491	13.8	20		0.11	< 10	0.16
OREAS 45d (Aqua Regia) Cert			345	400		176	17	30.6	4.86	6.50		80		0.30	0.09	26.2	467	13.7	17.9		0.097	10.0	0.144
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2190	776	< 1	35	61	270	2.67	8		73	0.7	7	0.37	20	45	5.02	< 10		0.38	35	1.35
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.1	< 0.5	2260	784	< 1	35	61	273	2.85	7		70	0.8	8	0.38	21	46	5.23	< 10		0.38	38	1.37
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 907 (Aqua Regia) Meas	1.4	0.5	6350	365	6	4	36	154	1.26	36		240	1.1	24	0.28	49	8	8.16	20		0.33	40	0.23
OREAS 907 (Aqua Regia) Cert	1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1	0.221
OREAS 263 (Aqua Regia) Meas	0.3	< 0.5	90	552	< 1	73	36	131	1.79	30		171	1.4	< 2	1.01	34	58	3.67	< 10	< 1	0.30		0.60
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
OREAS 263 (Aqua Regia) Meas	0.3	< 0.5	88	550	< 1	72	37	135	1.95	30		184	1.5	< 2	1.05	34	62	3.81	< 10	< 1	0.35		0.63
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
OREAS 130 (Aqua Regia) Meas	6.5	30.5	231	1630	8	36	1290	> 10000	1.19	208				3	1.66	28	29	6.95	< 10	< 1	0.51	21	0.93
OREAS 130 (Aqua Regia) Cert	6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670	0.500	26.4	0.892
OREAS 130 (Aqua Regia) Meas	6.5	30.1	225	1640	9	34	1330	> 10000	1.25	202				3	1.70	27	25	6.91	< 10	< 1	0.50	22	0.92
OREAS 130 (Aqua Regia) Cert	6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670	0.500	26.4	0.892
Oreas 623 (Aqua Regia) Meas	20.0	51.0	> 10000	539	9	12	2180	9430	1.67	70			< 0.5	11	0.95	211	17	11.8	10	2	0.16	16	1.01
Oreas 623 (Aqua Regia) Cert	20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9	1.11
Oreas 623 (Aqua Regia) Meas	20.3	52.8	> 10000	548	9	15	2230	9650	1.69	76			< 0.5	15	0.97	216	18	12.0	10	1	0.16	16	1.03
Oreas 623 (Aqua Regia) Cert	20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9	1.11
OREAS 521 (Aqua Regia) Meas	0.8		5500	2580	125	58	6	19	1.26	291			< 0.5	2	2.87	314	29	17.2	10		0.42	95	0.96
OREAS 521 (Aqua Regia) Cert	0.8		5990	3000	133	68	9	24	1.44	333			0.5	6	3.66	374	33	20.0	10		0.53	150	1.1

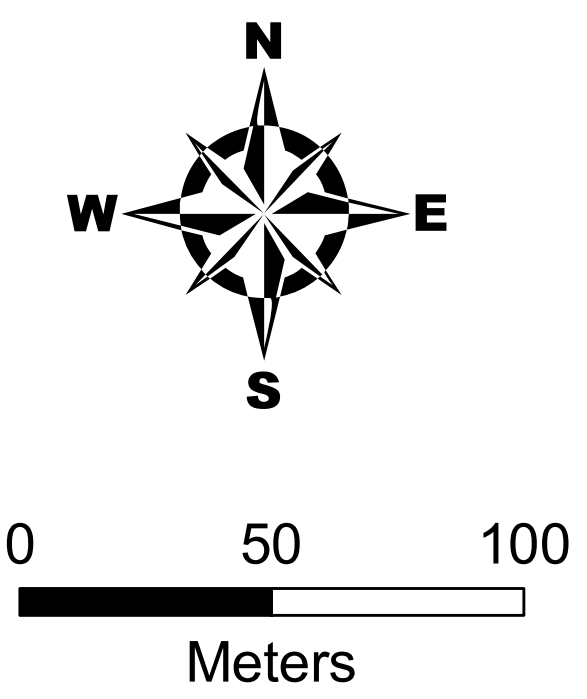
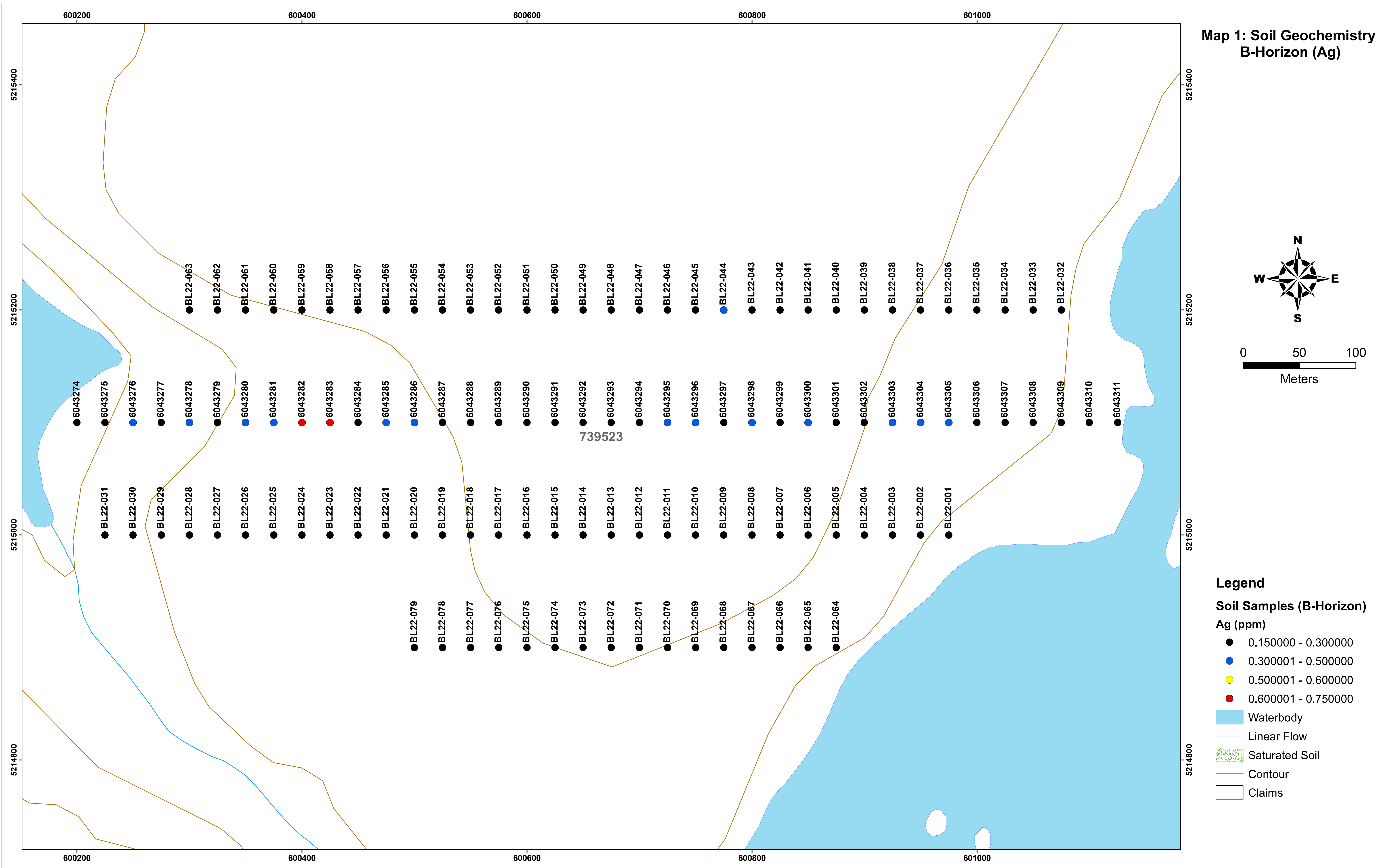
Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 521 (Aqua Regia) Meas	0.9		5470	2560	132	67	6	22	1.28	287			0.5	6	3.07	334	28	18.2	10		0.44	97	1.01
OREAS 521 (Aqua Regia) Cert	0.8		5990	3000	133	68	9	24	1.44	333			0.5	6	3.66	374	33	20.0	10		0.53	150	1.10
Oreas 620 (Aqua Regia) Meas	42.4	174	1740	452	9	14	> 5000	> 10000	1.23	50		13	0.7	< 2	1.28	14	17	2.66	< 10	2	0.30	25	0.27
Oreas 620 (Aqua Regia) Cert	38.4	161	1750	414	9	14	7740	31200	1.12	47		450	0.6	2	1.29	12	17	2.58	6	2	0.31	25	0.27
Oreas 620 (Aqua Regia) Meas	42.4	172	1800	469	11	15	> 5000	> 10000	1.27	48		11	0.7	< 2	1.31	14	20	2.67	< 10	3	0.30	27	0.28
Oreas 620 (Aqua Regia) Cert	38.4	161	1750	414	9.0	14	7740	31200	1.12	47		450	0.6	2	1.29	12	17	2.58	6	2	0.31	25	0.27
Oreas 610 (Aqua Regia) Meas	51.0	14.4	9950	80	5	24	576	2030	1.21	3100			< 0.5	215	0.13	9	40	2.26	< 10	< 1	0.26	< 10	0.11
Oreas 610 (Aqua Regia) Cert	48.4	12.3	9720	66	4	24	512	1760	0.847	2810			0.3	220	0.12	8	33	2.27	6	0.8	0.21	6.7	0.11
BL22-023 Orig	< 0.2	< 0.5	5	105	< 1	12	6	45	1.48	< 2	< 10	40	< 0.5	< 2	0.22	4	40	2.20	10	< 1	0.04	< 10	0.20
BL22-023 Dup	< 0.2	< 0.5	5	110	< 1	12	6	47	1.51	< 2	< 10	40	< 0.5	< 2	0.23	4	41	2.21	10	< 1	0.04	< 10	0.21
BL22-040 Orig	< 0.2	< 0.5	9	134	< 1	21	6	65	1.74	< 2	< 10	55	< 0.5	< 2	0.24	7	59	2.44	< 10	< 1	0.07	11	0.35
BL22-040 Dup	< 0.2	< 0.5	9	133	< 1	22	5	66	1.81	2	< 10	58	< 0.5	< 2	0.23	7	61	2.55	< 10	< 1	0.07	11	0.36
BL22-060 Orig	< 0.2	< 0.5	19	182	< 1	30	11	32	2.02	5	< 10	44	< 0.5	< 2	0.19	10	63	2.16	< 10	< 1	0.05	< 10	0.35
BL22-060 Dup	< 0.2	< 0.5	18	170	< 1	29	10	32	2.01	4	< 10	43	< 0.5	< 2	0.19	9	61	2.12	< 10	< 1	0.05	< 10	0.34
BL22-073 Orig	< 0.2	< 0.5	7	123	< 1	21	6	31	1.78	< 2	< 10	37	< 0.5	< 2	0.21	8	56	2.48	< 10	< 1	0.05	< 10	0.32
BL22-073 Dup	< 0.2	< 0.5	8	120	< 1	21	5	31	1.83	< 2	< 10	41	< 0.5	< 2	0.21	8	57	2.57	< 10	< 1	0.05	< 10	0.33
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45d (Aqua Regia) Meas	0.030	0.033	0.04		41	12		< 20			< 10	181			4
OREAS 45d (Aqua Regia) Cert	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201			5.08
OREAS 45d (Aqua Regia) Meas	0.034	0.032	0.04		40	12		< 20			< 10	202			4
OREAS 45d (Aqua Regia) Cert	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201			5.08
OREAS 922 (AQUA REGIA) Meas	0.020	0.065	0.36	4	3	16		< 20		< 2	< 10	33	< 10	19	20
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.023	0.063	0.37	< 2	4	16		< 20		< 2	< 10	35	< 10	20	21
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 907 (Aqua Regia) Meas	0.092	0.022	0.06	5	2	14	0.03	< 20	1	< 2	< 10	7	< 10	8	12
OREAS 907 (Aqua Regia) Cert	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 263 (Aqua Regia) Meas	0.080	0.043	0.12	9	4	18		< 20	< 1	< 2	< 10	26		13	
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 263 (Aqua Regia) Meas	0.085	0.043	0.12	11	4	20		< 20	< 1	< 2	< 10	30		13	
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 130 (Aqua Regia) Meas		0.090	6.20	7	3	20	0.04	< 20	< 1	3	< 10	36	12	13	36
OREAS 130 (Aqua Regia) Cert		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
OREAS 130 (Aqua Regia) Meas		0.084	6.29	7	4	20	0.04	< 20	4	2	< 10	39	< 10	13	39
OREAS 130 (Aqua Regia) Cert		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
Oreas 623 (Aqua Regia) Meas	0.063	0.043	8.86	23	4	13		< 20	3	< 2	< 10	15	< 10	8	81
Oreas 623 (Aqua Regia) Cert	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Oreas 623 (Aqua Regia) Meas	0.063	0.043	9.01	23	4	13		< 20	< 1	< 2	< 10	16	< 10	8	83
Oreas 623 (Aqua Regia) Cert	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
OREAS 521 (Aqua Regia) Meas	0.045	0.072	1.51	8	8	29	0.13	< 20	1	< 2	22	173	56	13	22
OREAS 521 (Aqua Regia) Cert	0.045	0.081	1.85	4	10	54	0.14	8	0.7	0.1	28	200	71	15	38

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 521 (Aqua Regia) Meas	0.047	0.071	1.55	8	9	29	0.14	< 20	3	< 2	17	185	63	13	31
OREAS 521 (Aqua Regia) Cert	0.045	0.081	1.85	4	10	54	0.14	8	0.7	0.1	28	200	71	15	38
Oreas 620 (Aqua Regia) Meas	0.118	0.030	2.57	70		19		< 20		< 2	< 10	8	< 10	8	36
Oreas 620 (Aqua Regia) Cert	0.117	0.031	2.47	62		20		7		0.5	2.2	7	0.79	7	57
Oreas 620 (Aqua Regia) Meas	0.122	0.029	2.61	73		20		< 20		< 2	< 10	9	< 10	9	33
Oreas 620 (Aqua Regia) Cert	0.117	0.031	2.47	62		20		7		0.5	2.2	7	0.79	7	57
Oreas 610 (Aqua Regia) Meas	0.055	0.031	2.90	265	< 1	39		< 20	46	< 2	< 10	14	< 10	4	16
Oreas 610 (Aqua Regia) Cert	0.049	0.025	2.65	265	0.8	39		3	42	1	1.1	12	3.6	3	11
BL22-023 Orig	0.014	0.029	0.02	< 2	3	21	0.15	< 20	< 1	< 2	< 10	53	< 10	4	5
BL22-023 Dup	0.015	0.029	0.03	< 2	3	23	0.16	< 20	< 1	< 2	< 10	55	< 10	4	5
BL22-040 Orig	0.017	0.070	0.02	< 2	3	20	0.13	< 20	< 1	< 2	< 10	52	< 10	4	6
BL22-040 Dup	0.018	0.073	0.02	< 2	3	19	0.13	< 20	3	< 2	< 10	53	< 10	4	7
BL22-060 Orig	0.015	0.031	0.02	< 2	3	15	0.10	< 20	4	< 2	< 10	47	< 10	3	5
BL22-060 Dup	0.015	0.031	0.02	< 2	3	15	0.10	< 20	< 1	< 2	< 10	45	< 10	3	5
BL22-073 Orig	0.015	0.022	0.02	< 2	3	17	0.13	< 20	4	< 2	< 10	55	< 10	3	7
BL22-073 Dup	0.019	0.023	0.02	< 2	3	17	0.13	< 20	3	< 2	< 10	55	< 10	3	7
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
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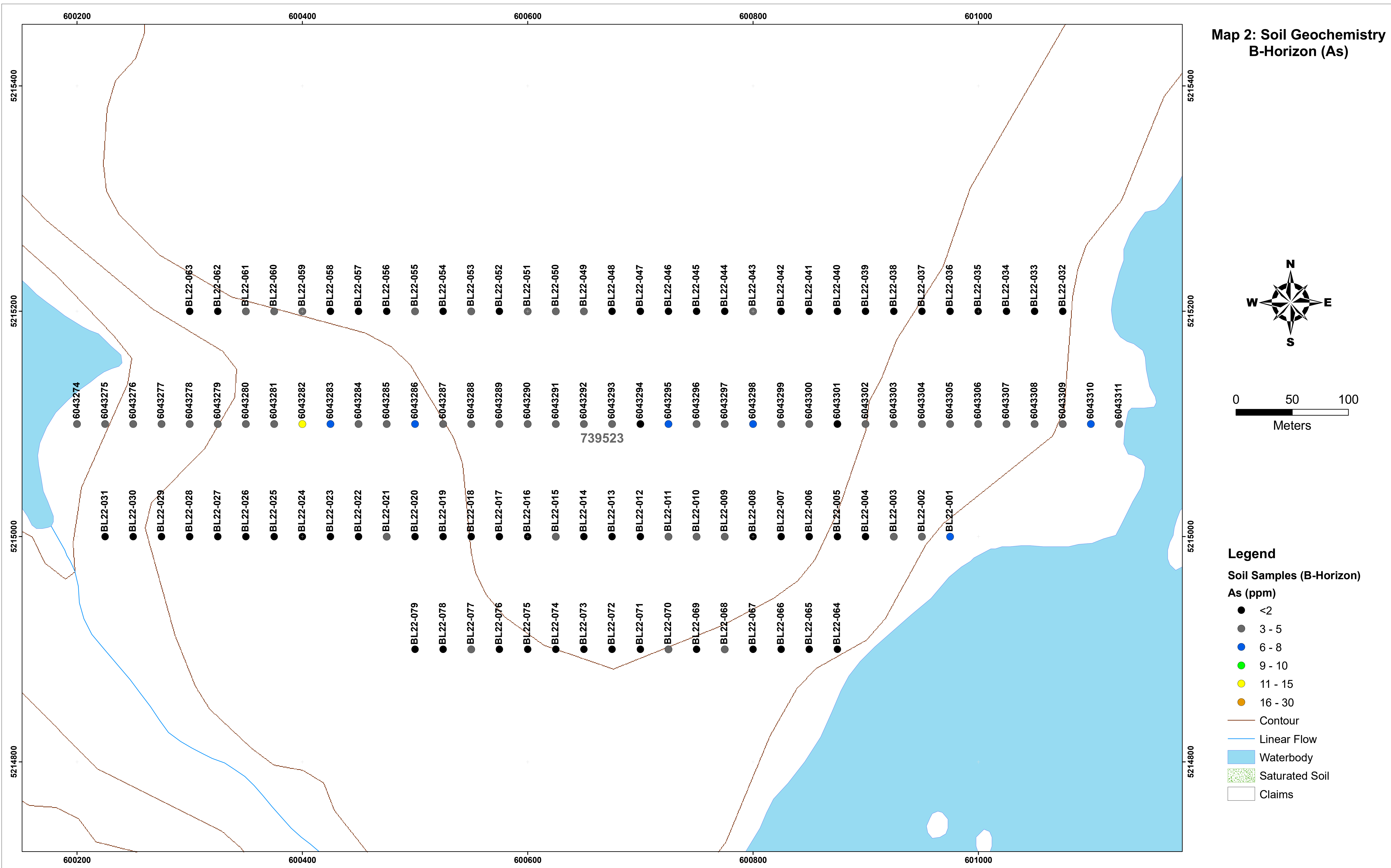
MAPS

**Map 1: Soil Geochemistry
B-Horizon (Ag)**



- Legend**
- Soil Samples (B-Horizon)
Ag (ppm)**
- 0.150000 - 0.300000
 - 0.300001 - 0.500000
 - 0.500001 - 0.600000
 - 0.600001 - 0.750000
- Waterbody
 - Linear Flow
 - Saturated Soil
 - Contour
 - Claims

**Map 2: Soil Geochemistry
B-Horizon (As)**



600200

600400

600600

600800

601000

5215400

5215200

5215000

5214800

600200

600400

600600

600800

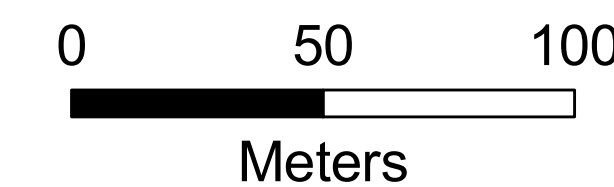
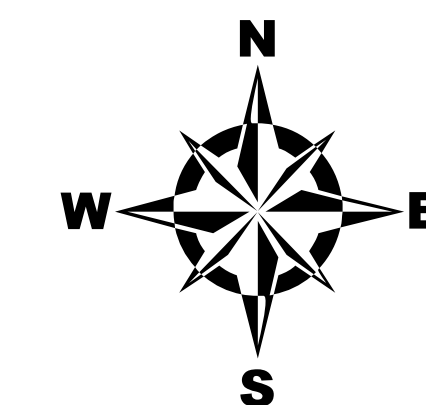
601000

5215400

5215200

5215000

5214800



739523

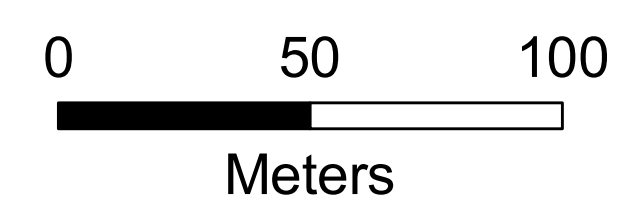
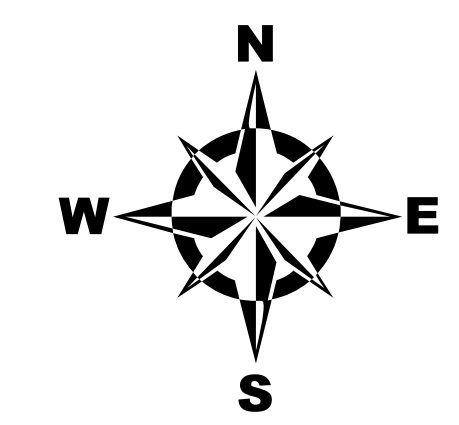
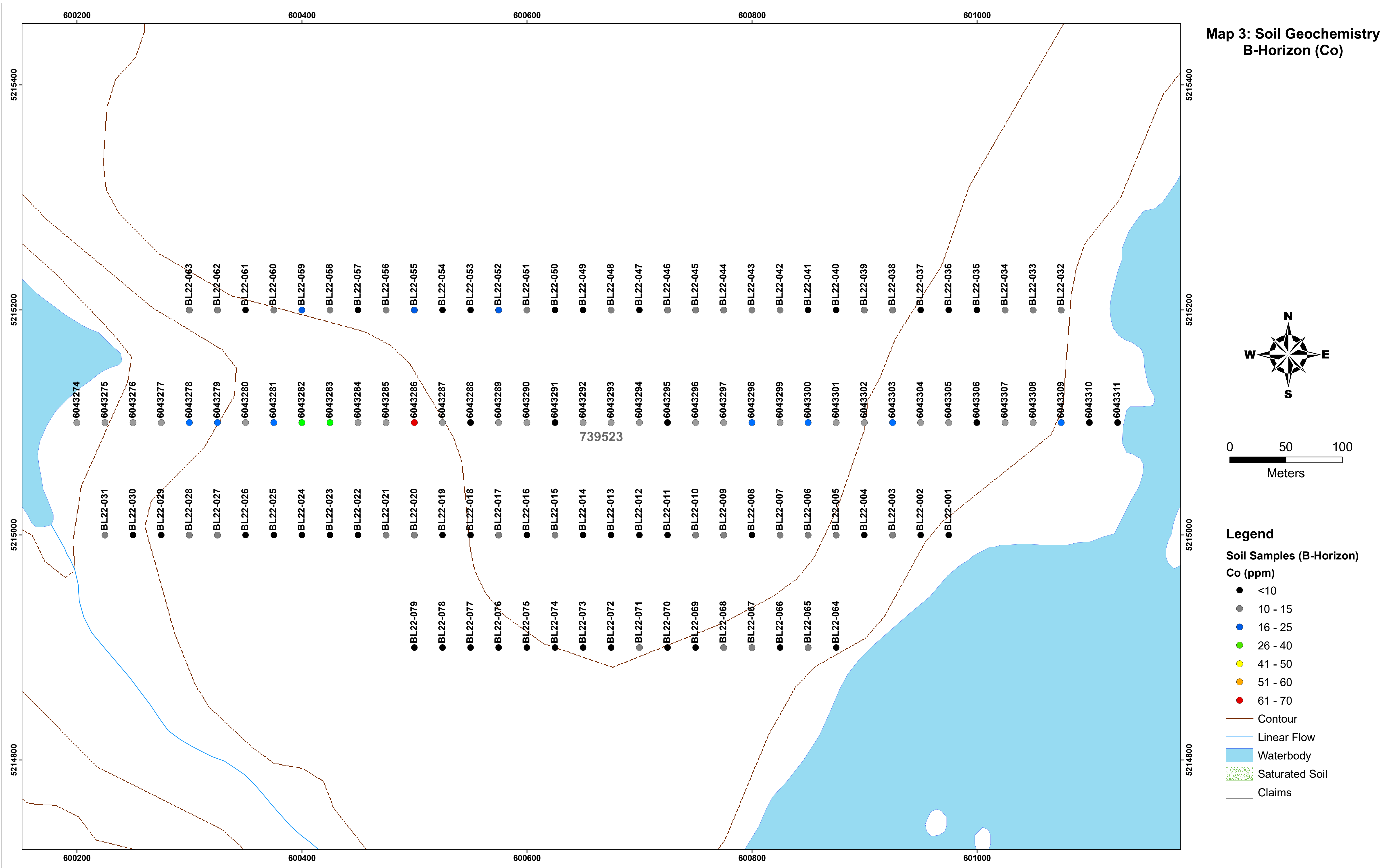
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- 6043311

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- BL22-027
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- BL22-025
- BL22-024
- BL22-023
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- BL22-008
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- BL22-039
- BL22-038
- BL22-037
- BL22-036
- BL22-035
- BL22-034
- BL22-033
- BL22-032

**Map 3: Soil Geochemistry
B-Horizon (Co)**



- Legend**
- Soil Samples (B-Horizon)
Co (ppm)**
- <10
 - 10 - 15
 - 16 - 25
 - 26 - 40
 - 41 - 50
 - 51 - 60
 - 61 - 70
- Contour
- Linear Flow
- Waterbody
- Saturated Soil
- Claims

**Map 4: Soil Geochemistry
B-Horizon (Cu)**

