2012 ASSESSMENT REPORT

Property Comprising the Following Claims:

LEM 4 – LEM 11 Claims

Located in the:
Keno Hill Area
Mayo Mining District
Yukon Territory, Canada
N.T.S. 105M/14

Latitude: 63.89° N
Longitude: 135.24° W

PREPARED FOR:

Alexco Keno Hill Mining Corp.
1150-200 Granville Street
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and

PREPARED BY:

Al McOnie

Alexco Resource Corp.
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Vancouver, B.C. V6C 1S4

DATES WORK PERFORMED: August 5 - 6, 2012

DATE OF REPORT: February 15, 2013

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1.0 SUMMARY

During August 2012, one hundred and fifty eight soil samples were collected within the contiguous claim boundaries of the LEM 4 – LEM 11 quartz claims.

Several of the samples appear to contain anomalous concentrations of metals commonly associated with the silver-lead-zinc mineralization found in the Keno Hill mining district.

2.0 INTRODUCTION

This report summarizes soil sampling carried out for assessment purposes for Alexco Keno Hill Mining Corp on 5 and 6 August 5 2012 over the LEM claims. Planning, supervision, implementation and reporting of this work were performed by Alexco Resource Corp. staff.

The soil sampling program was completed over the northern part of the LEM area to cover the upper part of the mineral hosting Keno Hill Quartzite Formation near the contact of the Basal Quartzite Member with the overlying underlying Sourdough Hill Member.

3.0 LOCATION AND ACCESS

The quartz claims on which assessment work was conducted are held under the name of Alexco Keno Hill Mining Corp. 100%. The property is located in the Sourdough Hill district, Mayo Mining District approximately 350 km north of Whitehorse (Figure 1). The area is covered by NTS map sheet 105M/14. The reference datum used is UTM NAD83 Zone 8, unless otherwise noted.

Access to the district is via the Silver Trail Highway connecting the villages of Mayo and Keno City, with the property accessible by the private mining road that extends to Alexco's Bellekeno Mine. The base of operations for Alexco is the abandoned company town of Elsa which contains camp and office facilities.

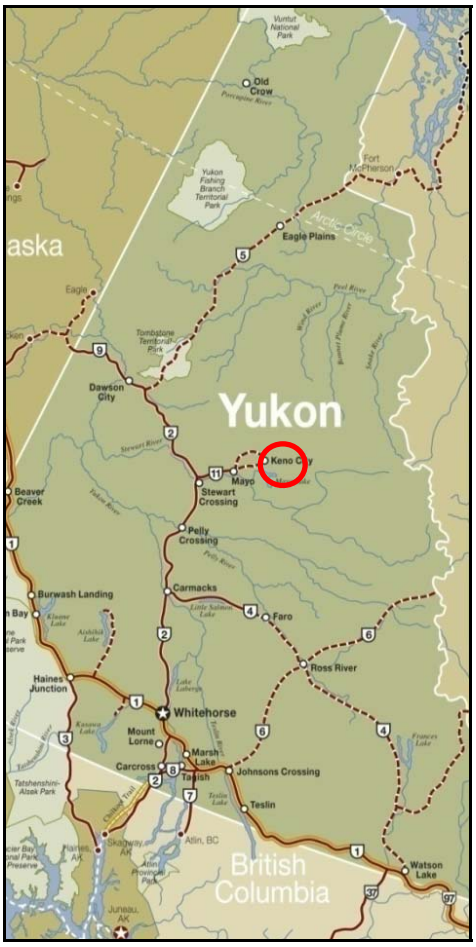

Figure 1 General Location of the Claim Block

4.0 CLAIM STATUS

The LEM quartz mining claims covered by this report are active having been originally staked in 1977, and prior to the current work had an expiry date in November 2012.

A complete list of claims pertaining to this assessment report, including all grouped claims is included in Appendix 1. The location of the quartz claims is shown in Figure 2. A list of personnel and cost statement related to the application of Certificates of Work are included as Appendices 2 and 3.

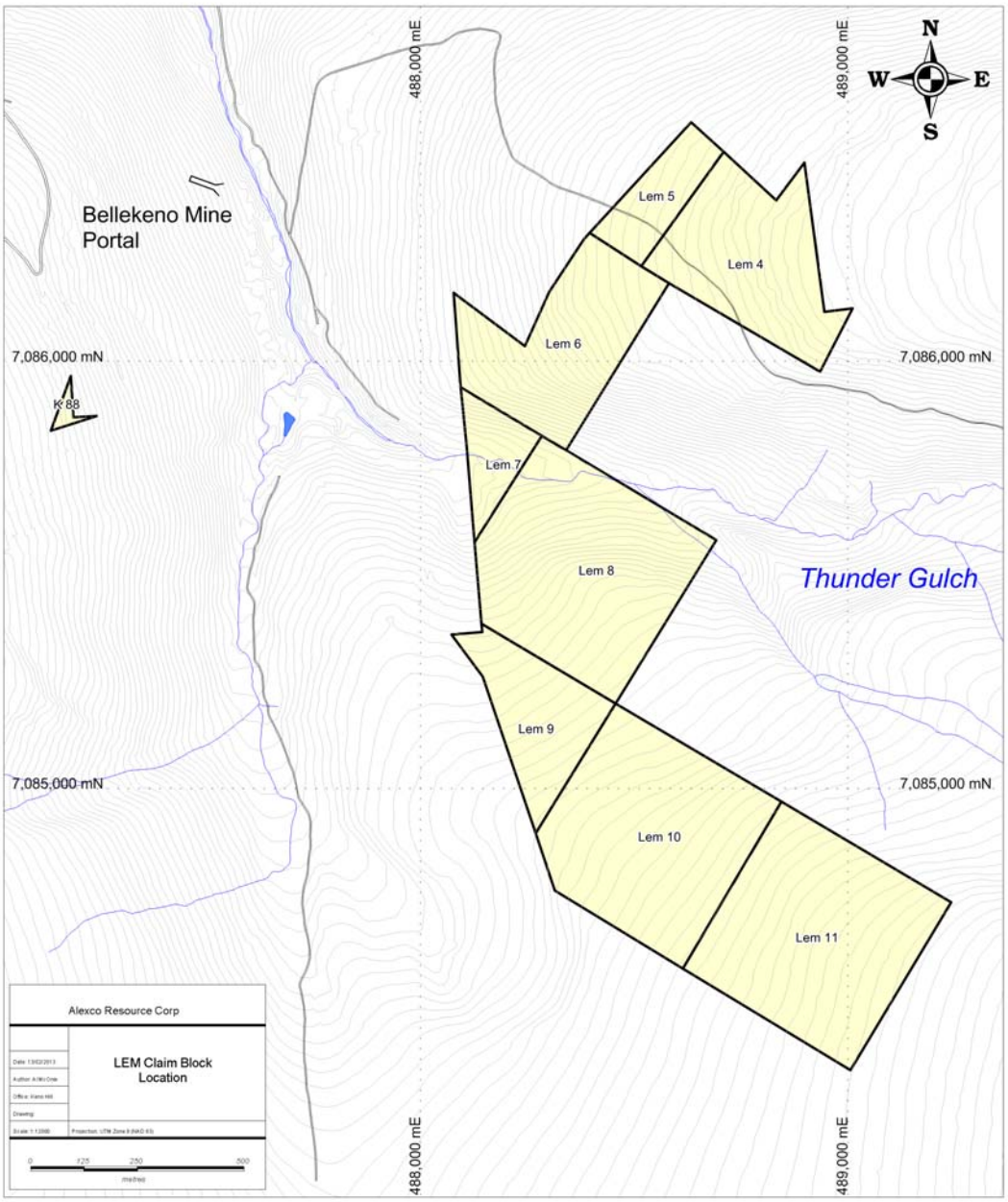

Figure 2 Location of the Claim Group

5.0 REGIONAL GEOLOGY

The property is situated within the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed sediments accumulated at the edge of the Neoproterozoic to Paleozoic continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces producing imbricate thrust sheets and widespread folding. In the mid-Cretaceous, renewed tectonism resulted in extensive brittle deformation and the emplacement of intrusive plutons.

The rock units within the claim area include the Keno Hill Quartzite (Mississippian), host to most of the past producing ore bodies in the Keno Hill district and the underlying Devonian-Mississippian Earn Group.

6.0 PROPERTY GEOLOGY

The claim block is located on the upper limb of a regional antiformal fold within the Keno Hill Quartzite (MKT) as shown in Figures 3 and 4 (Murphy, 1997). Detailed new geological mapping by Alexco has identified the area to lie near the upper contact of the Basal Quartzite Member and the lower part of the overlying Sourdough Hill Member sequence.

A number of mineral deposits are recorded in the district. As well as the close proximity of the Bellekeno silver – lead – zinc mine, the Maybrun, Mo and Yono occurrences are located in the immediate vicinity (Yukon MinFile 105M 014, 105M 013, and 105M 055 respectively).

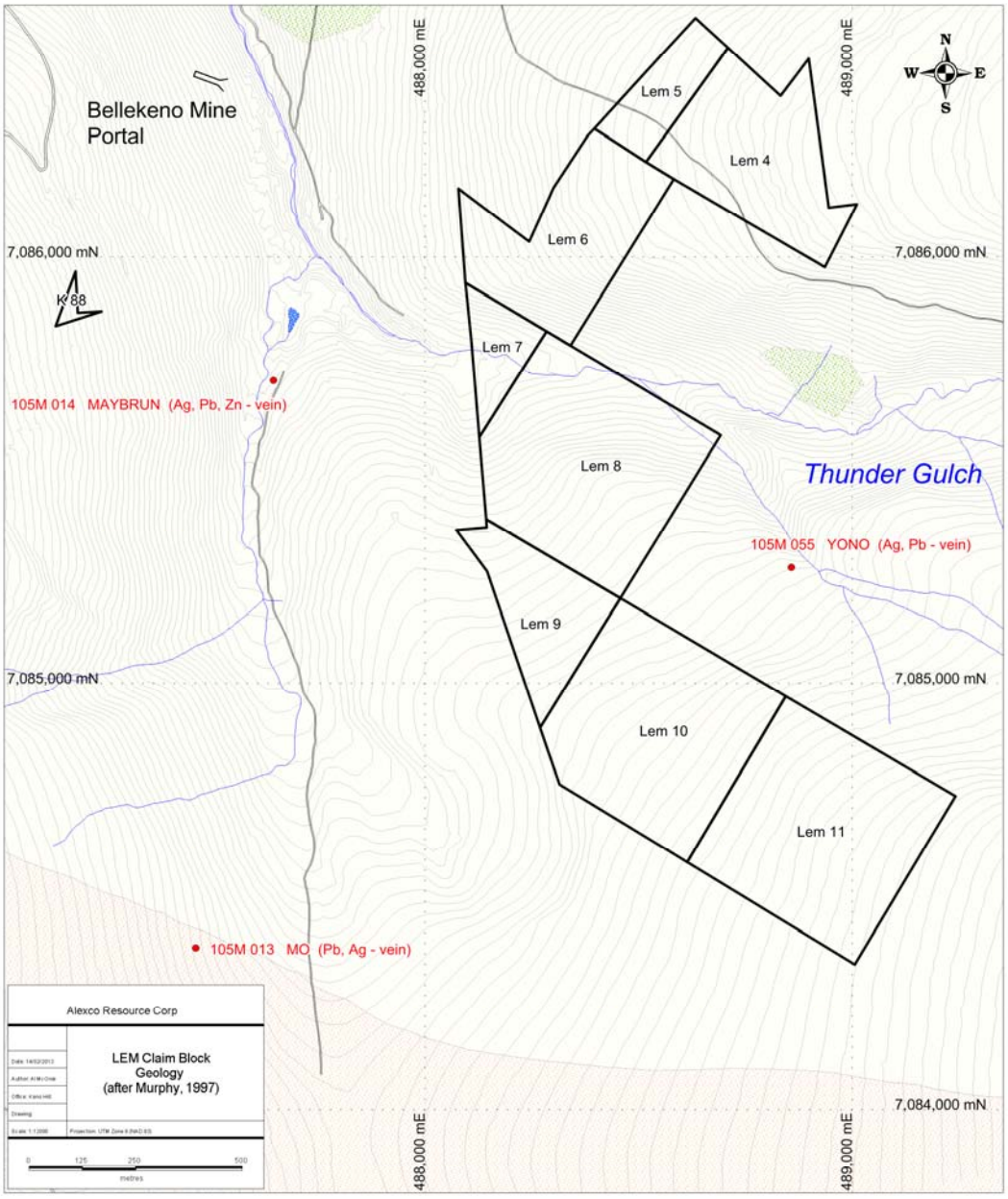

Figure 3 Geology of the Claim Block (after Murphy, 1997)

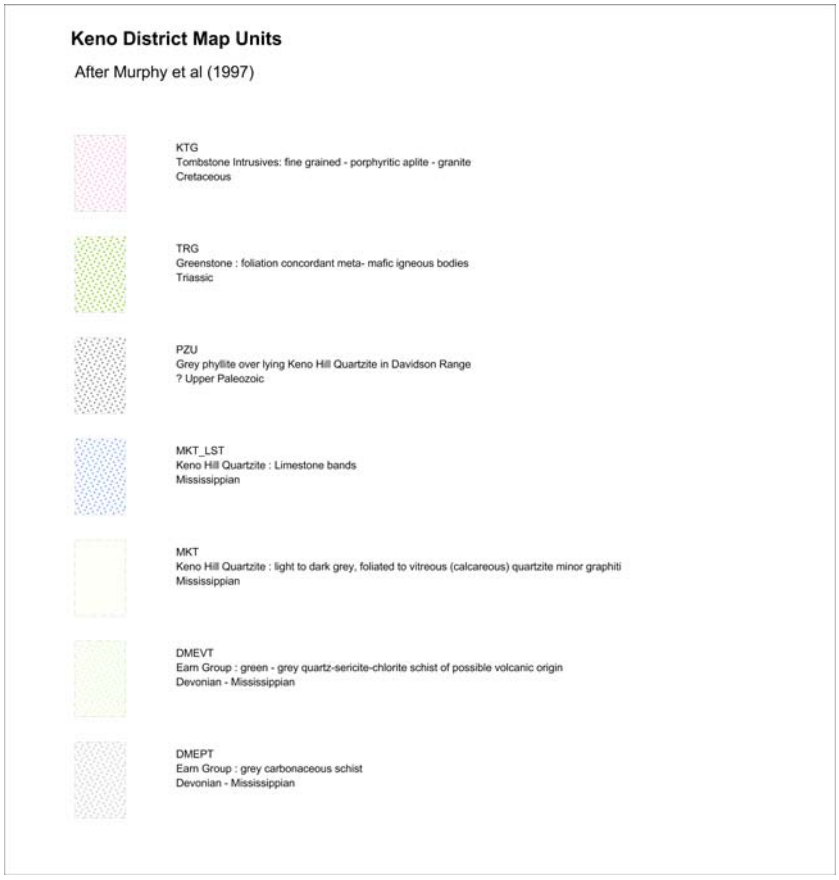

Figure 4 Geological Legend (from Murphy, 1997)

7.0 2012 SOIL SAMPLING WORK PROGRAM

Soil samples were collected in a series of nine northwest – southeast lines across the northern part of the claim block during the 2012 field season by Alexco Resource Corp. geologists. The samples were designed to essentially cover the upper part of the Keno Hill Quarztite.

All soil sample characteristics were recorded in the field and entered into spreadsheets (Appendix 4). Samples were analyzed for 51 elements by ICP method ME-MS41L using aqua regia acid digestion with gold also determined by method AA-25 using fire assay and AAS by ALS Minerals Laboratory, North Vancouver, BC and reported 23 September 2012. Copies of the laboratory results (Certificate WH12207125) are included in Appendix 5.

Soil Sampling Results

Within the Keno Hill district, the background values for elements generally associated with mineralization are considered to be as follows:

Ag…… 0.5ppm
Au……. 50ppb
Pb…….. 40ppm
Zn……. 100ppm
Cu…… 35ppm
As…… 50ppm
Sb…… 5ppm

Anomalous values here are considered to exceed twice the background and the range of geochemical values from the current survey is shown in Table 1.

A map showing the location of soil samples is shown as Figure 5 and those with anomalous silver, lead or zinc values are shown in Figure 6. Plots for the other elements could be generated from the assay results as required.

These show two areas of anomalous geochemistry that require followup exploration.

Table 1 Range of Geochemical Values (ppm) from Soil Survey

Field	Min	Max	Mean	Threshold	SD	Percentile25	Percentile50	Percentile75	Percentile90
Au_MS_ppm	0.0002	0.0464	0.0037	0.0075	0.0073	0.0012	0.0018	0.003	0.0062
Au_FA_ppm	0.01	0.3	0.03	0.05	0.05	0.01	0.01	0.02	0.04
Ag_ppm	0.032	2.07	0.36	0.71	0.36	0.14	0.2	0.44	0.78
Al %	0.22	2.21	1.16	2.32	0.3	0.97	1.16	1.31	1.47
As_ppm	2.52	97.6	18.89	37.78	12.83	11.21	15.45	22.85	30.5
Ba_ppm	36.1	464	138.19	276.39	67.37	96.13	124.75	155.88	194.2
Be_ppm	0.08	0.8	0.27	0.54	0.11	0.19	0.26	0.32	0.39
Bi_ppm	0.04	0.35	0.18	0.36	0.04	0.16	0.17	0.2	0.24
Ca_ppm	0.04	0.38	0.13	0.27	0.06	0.09	0.12	0.17	0.2
Cd_ppm	0.09	2.93	0.38	0.77	0.32	0.2	0.28	0.47	0.73
Ce_ppm	11.15	33.5	21.98	43.96	4.24	18.81	21.55	24.3	27.92
Co_ppm	0.5	12.3	5.13	10.27	1.85	3.8	4.85	6.3	7.3
Cr_ppm	5.4	35.9	21.46	42.93	4.28	19	21.65	23.95	25.4
Cs_ppm	0.55	2.29	0.96	1.92	0.27	0.79	0.91	1.03	1.23
Cu_ppm	2.56	38.2	15.63	31.26	5.32	12.4	14.8	18.04	20.56
Fe %	0.26	3.88	2.03	4.07	0.49	1.76	2.04	2.28	2.57
Ga_ppm	1.77	7.64	4.41	8.82	0.95	3.8	4.24	4.91	5.53
Ge_ppm	0.05	0.08	0.05	0.11	0.01	0.05	0.05	0.06	0.06
Hf_ppm	0.02	0.03	0.02	0.04	0	0.02	0.02	0.02	0.02
Hg_ppm	0.005	0.224	0.05	0.09	0.03	0.03	0.04	0.05	0.07
In_ppm	0.01	0.043	0.02	0.04	0.01	0.02	0.02	0.02	0.02
K %	0.02	0.1	0.05	0.09	0.01	0.04	0.04	0.05	0.06
La_ppm	5.6	17.2	11.15	22.29	2.09	9.55	11	12.3	13.93
Li_ppm	0.7	21.9	9.71	19.42	3.23	7.8	10.2	11.8	13.13
Mg %	0.02	0.41	0.27	0.54	0.08	0.23	0.29	0.33	0.36
Mn_ppm	37	1060	260.27	520.53	157.92	151.5	234.5	331.5	428.3
Mo_ppm	0.66	2.99	1.36	2.72	0.36	1.13	1.31	1.54	1.67
Na %	0.01	0.02	0.01	0.02	0	0.01	0.01	0.01	0.01
Nb_ppm	0.08	1.69	0.55	1.1	0.24	0.37	0.55	0.7	0.85
Ni_ppm	2.4	28.4	14.95	29.89	4.26	12.1	14.85	17.7	19.7
P %	0.021	0.152	0.06	0.13	0.02	0.05	0.06	0.07	0.08
Pb_ppm	4.15	102.5	23.97	47.93	15.9	14.68	17.28	28.45	40.82
Rb_ppm	3	15.2	7.66	15.31	2.12	6.23	7.4	8.8	10
S %	0.01	0.1	0.02	0.05	0.02	0.01	0.02	0.03	0.04
Sb_ppm	0.228	3.26	1.05	2.09	0.48	0.76	0.9	1.14	1.57
Sc_ppm	0.2	3.7	1.55	3.11	0.77	0.9	1.5	2.1	2.6
Se_ppm	0.1	2.3	0.49	0.97	0.3	0.3	0.4	0.6	0.85
Sn_ppm	0.2	0.8	0.43	0.85	0.11	0.4	0.4	0.5	0.6

Sr_ppm	5.6	29	12.18	24.35	3.85	9.53	11.1	14.3	16.4
Te_ppm	0.01	0.09	0.03	0.07	0.02	0.02	0.03	0.04	0.06
Th_ppm	0.1	3.7	0.85	1.69	0.84	0.2	0.5	1.3	2.1
Ti %	0.011	0.063	0.03	0.07	0.01	0.03	0.04	0.04	0.05
Tl_ppm	0.05	0.25	0.1	0.2	0.03	0.08	0.1	0.11	0.13
U_ppm	0.19	2.2	0.67	1.34	0.26	0.52	0.64	0.75	0.91
V_ppm	10	73	41.35	82.7	9.03	36	40	45	53
W_ppm	0.06	1.75	0.22	0.44	0.13	0.18	0.21	0.24	0.27
Y_ppm	0.62	11.4	3.66	7.33	1.74	2.48	3.26	4.18	5.8
Zn_ppm	19.5	252	71.73	143.45	29.95	54.1	66.95	82.15	103.3
Zr_ppm	0.5	0.9	0.65	1.29	0.14	0.5	0.6	0.73	0.87

8.0 CONCLUSIONS AND RECOMMENDATIONS

The results from the soil sampling indicate two areas where anomalous zones may relate to potentially mineralized structures and where further exploration is required.

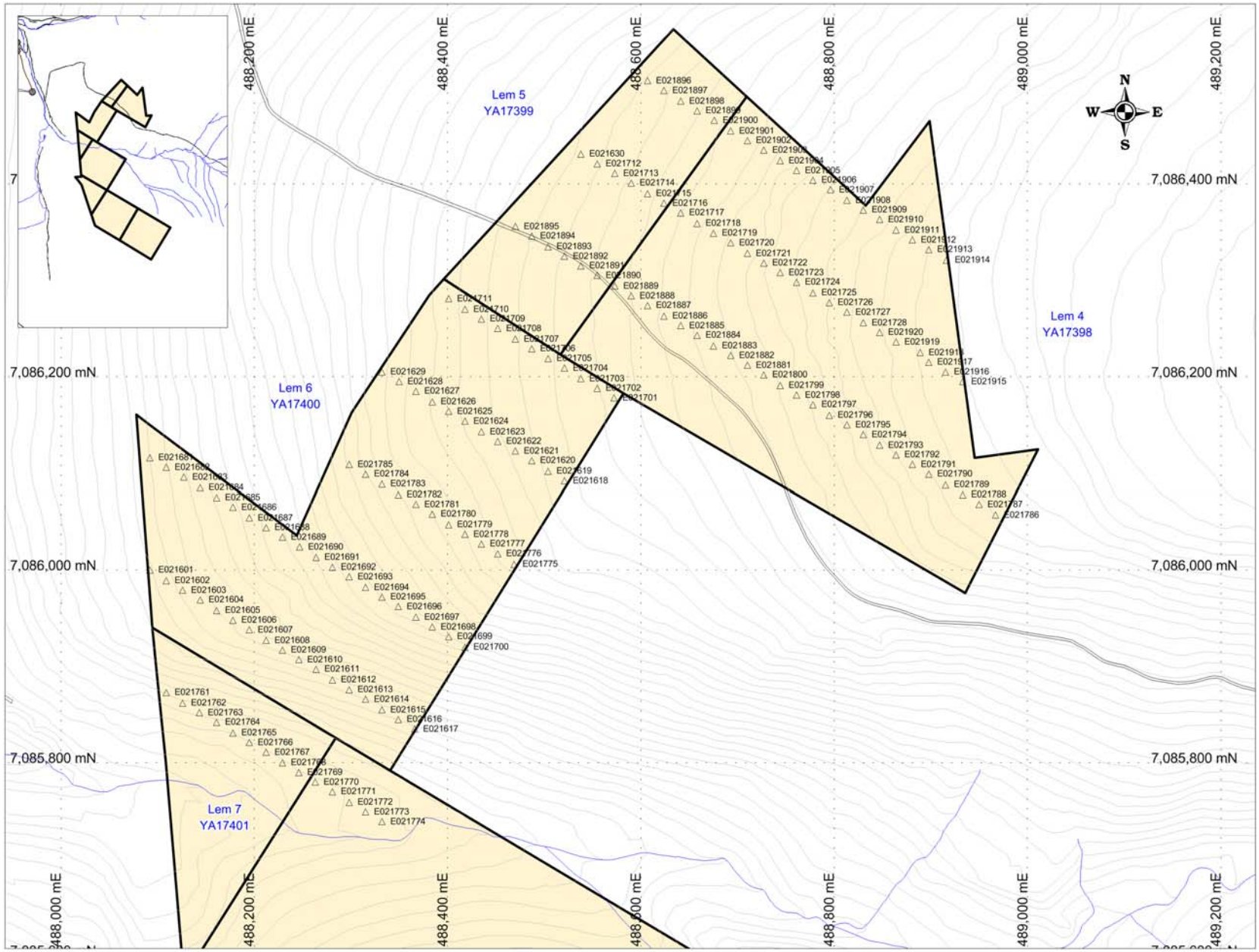

Figure 5 Soil Sample Locations

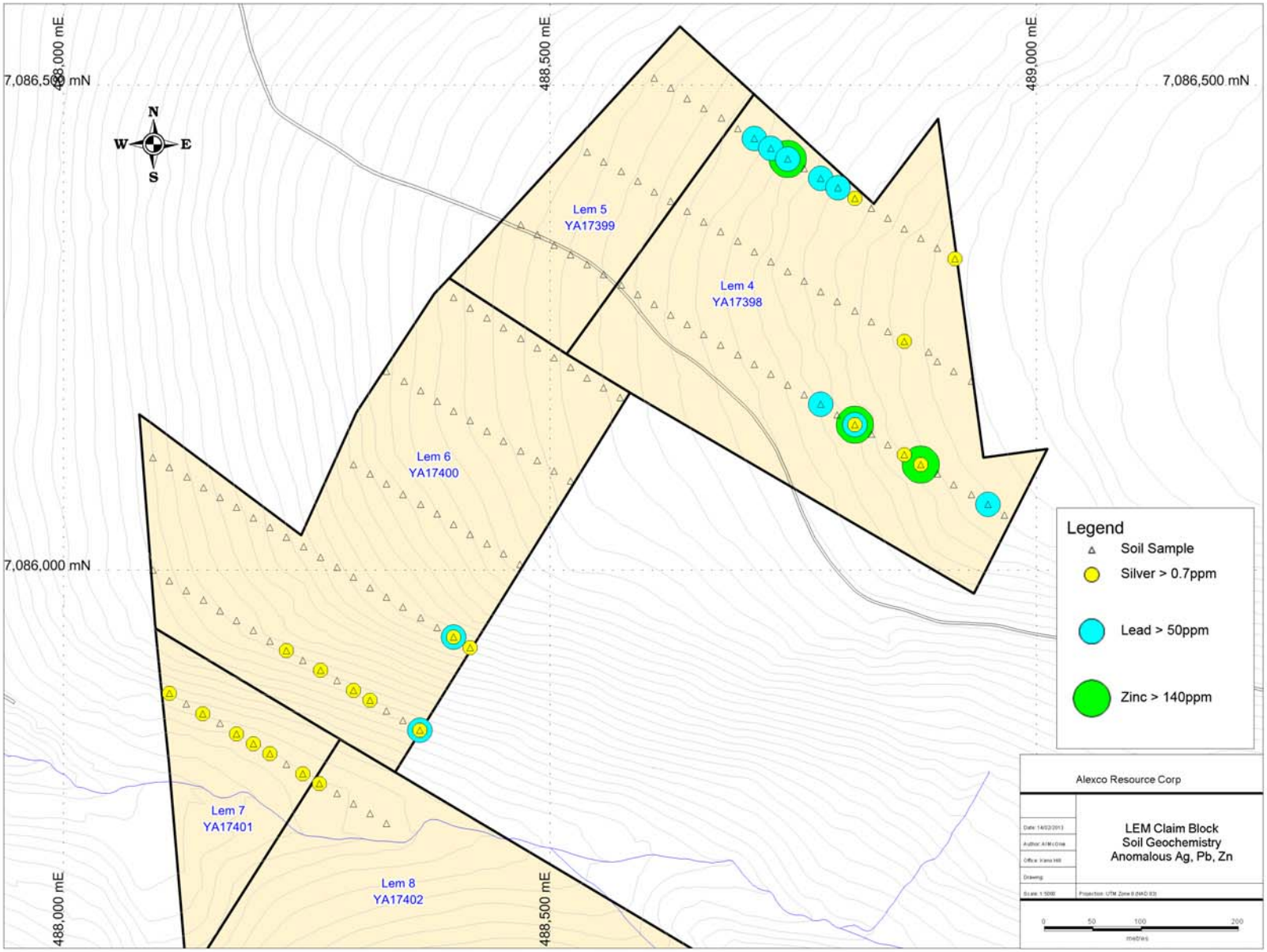

Figure 6 Anomalous Soil Geochemistry

9.0 LIST OF REFERENCES

Murphy, D.C., 1997.
Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (11P/14, 15, 16; 105M/13,14).
Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.

APPENDIX 1

LIST OF CLAIMS

Claim Label	Quartz Claim	Grant Number	Owner Name	Staking date	Recorded date	Expiry date	District
Lem 4	97139507	YA17398	Alexco Keno Hill Mining Corp. - 100%	04/11/1977	14/11/1977	14/11/2012	Mayo
Lem 5	97139508	YA17399	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 6	97139509	YA17400	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 8	97139510	YA17402	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 9	97139511	YA17403	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 10	97139537	YA17404	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 11	97139538	YA17405	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo
Lem 7	97267852	YA17401	Alexco Keno Hill Mining Corp. - 100%	10/11/1977	14/11/1977	14/11/2012	Mayo

APPENDIX 2

LIST OF PERSONNEL

Al McOnie
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Dave Slocombe
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Liana Stammers
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APPENDIX 3

STATEMENT OF EXPENDITURES

COST STATEMENT - Alexco Resource Corp. September 2012 "Lem" Assessment Filing							
Claim(s)	*Grant*	*Owner*	*STAFF/REPORTING*	*ROOM AND BOARD*	*ANALYTICAL*	*RENTALS / SUPPPORT*	**EST TOTAL**
Lem 4-8	YA17398-402	Alexco Keno Hill Mining Corp.	$ 3,630.00	$ 1,254.00	$ 6,636.00	$ 300.00	$ 11,820.00
		*Rentals/Support includes communication, freight, travel, fuel, truck & field office rental Geochemical Soil Sampling work carried out on August 6 and 7, 2012					

APPENDIX 4

SOIL SAMPLE DESCRIPTIONS

Sample Number	East	North	Sample Depth cm	Horizon	Colour	Silt %	Clay %	Organic %	Gravel %	Sand %	Comments
E021601	488092	7086000	30	B	brown	50				50	Side of hill, west facing.
E021602	488109	7085989	25	B	orange-brown	40	10			50	Side of hill, west facing.
E021603	488126	7085979	40	B	grey-brown	60	40				Side of hill, west facing.
E021604	488144	7085969	30	B	grey-brown	30	10			60	Side of hill, west facing.
E021605	488161	7085958	40	B	orange-brown	50				50	Side of hill, west facing.
E021606	488178	7085948	60	B	brown-grey	50				50	Side of hill, west facing.
E021607	488195	7085938	25	B	brown-grey	35	15			50	Side of hill, west facing.
E021608	488212	7085927	30	B	grey	20	80				Side of hill, west facing.
E021609	488229	7085917	35	B	orange-brown	50	10			40	Side of hill.
E021610	488246	7085907	30	B	brown	40	5			55	Side of hill.
E021611	488264	7085897	35	B	brown	40	5			55	Side of hill.
E021612	488281	7085886	28	B	grey-brown	60	40				Side of hill.
E021613	488298	7085876	25	B	brown	40				60	Side of steep

											hill.
E021614	488315	7085866	30	B	brown	40	10			50	Side of steep hill.
E021615	488332	7085855	25	A	red-brown	25				75	Rocky area, could not dig down.
E021616	488349	7085845	20	B	brown	20	20			60	Side of hill, rocky again.
E021617	488366	7085835	25	B	brown-grey	20	20			60	
E021618	488521	7086092	20	B	brown	40	10			50	
E021619	488504	7086102	25	B	brown	40	10			50	
E021620	488487	7086113	20	B	l. brown	40				60	
E021621	488470	7086123	25	B	brown	60				40	
E021622	488452	7086133	20	B	brown	30	10			60	
E021623	488435	7086143	20	B	brown	60				40	
E021624	488418	7086154	30	B	l. brown	40	15			35	
E021625	488401	7086164	20	B	brown	50				50	
E021626	488384	7086174	30	B	brown	60				40	
E021627	488367	7086185	15	B	brown	70				30	
E021628	488350	7086195	30	B	brown	50				50	
E021629	488332	7086205	25	B	brown	50				50	
E021630	488538	7086431	40	B	brown	60				40	Rocky area.
E021681	488092	7086116	45	B	l. brown-grey	30	5	15	30	20	Covered by moss, thin roots and gravel, side of valley.
E021682	488109	7086106	35	B	l. brown-grey	30	25	15		5	Dominant clay-rich organics.

E021683	488127	7086096	40	B	l.brown-beigy grey	15	5	5	30	30	More gravelly, less consolidated.
E021684	488144	7086085	45	B	beige-brown-grey	25	30	7.5	5		Clay rich, some roots.
E021685	488161	7086075	20	A	beige-brown-grey	30	20	10			Silt and clay, organics.
E021686	488178	7086065	25	A	darker brown			20	20	20	Organic rich.
E021687	488195	7086054	20	A	brownish grey	30	25	15	2	30	Boulder heave.
E021688	488212	7086044	20	A	grey-brown	10	10	5		30	Sandy, silty.
E021689	488229	7086034	30		brown-grey	30	15	5	20	15	sandy gravel, limited organics.
E021690	488247	7086024	35		brown-grey	25	20	5	20	10	Clay, gravelly.
E021691	488264	7086013	30		brown-grey	15	25	10	20		Unconsolidated gravel.
E021692	488281	7086003	60		d. brown-grey	20	10	5	25	20	
E021693	488298	7085993	20		grey-brown	20	10	2	15	10	Silt, sand.
E021694	488315	7085982	20		grey-brown	30	25	3	10		
E021695	488332	7085972	15		grey-brown	25	20	5	10	15	
E021696	488349	7085962	20		brown-grey	20	15	5	10	10	Organics.
E021697	488367	7085951	30		brown-red-grey	25	15	15	20	25	
E021698	488384	7085941	30	B	caramel brown	25	30	2	15	15	Steep slope, clay rich.
E021699	488401	7085931	35	B	red caramel brown	30	15	25	5	10	Steep slope, organics.
E021700	488418	7085920	35		red caramel brown	30	15	25	5	5	Steep slope, organics.
E021701	488572	7086178	25	B	l. brown-grey	20	15	5	20	25	

E021702	488555	7086188	30	B	l. brown-grey	20	15	5	20	25	Little more wet (possibly more clay content).
E021703	488538	7086198	35	B	l. grey-brown	40	35	1	5	5	More clay rich, thick A.
E021704	488521	7086209	30	B	l. grey-brown	30	40	1	10	5	Much more clay rich.
E021705	488504	7086219	25	B	l. grey-brown	30	35	5	10	5	Previous soil sampling?
E021706	488487	7086229	30	B	l. brown-grey	30	15	2	5	30	
E021707	488470	7086239	35	B	l. brown-grey	30	15	2	7	15	
E021708	488452	7086250	25	B	l. brown-grey	30	20	1	10	5	
E021709	488435	7086260	30	B	beige-brown	35	20	1	5	10	
E021710	488418	7086270	25	B	grey-brown	25	10	2	20	20	More gravelly than previous.
E021711	488401	7086281	30	B	grey-brown	25	20	1	10	10	
E021712	488555	7086421	40	B	grey-brown	30	20	2	10	20	
E021713	488573	7086411	35	B		30	15	1	5	10	
E021714	488590	7086401	20	B		35	30	2	1	5	Consolidated, wet, thin A.
E021715	488607	7086390	35	B		35	30	2	1	5	
E021716	488624	7086380	30	B	grey-brown	35	25	1	2	15	
E021717	488641	7086370	25	B		30	30	2.5	5	15	Angular gravel.
E021718	488658	7086359	30	B	grey-brown	30	25	1	5	0-1	Near boulder heave, slope.
E021719	488675	7086349	25	B	beige-grey	30	50+	<1			High clay.
E021720	488693	7086339	35	B	brown-grey	30	25	1	15	15	

E021721	488710	7086328	40	B	caramel brown	30	20	1	20	15	
E021722	488727	7086318	30	B	brown-grey	40	30	1	10	5	Slope, almost hill crest.
E021723	488744	7086308	30	B	brown-grey	30	20	3	15	15	Plateau.
E021724	488761	7086298	40	B	brown-l. grey	35	20	1	20	15	Plateau.
E021725	488778	7086287	40	A	d. grey-brown	30	10	5	15	20	
E021726	488795	7086277	20	B	grey-brown	30	10	5	15	20	
E021727	488813	7086267	30	A	grey-brown	30	10	3	10	20	
E021728	488830	7086256	35	A	grey-brown	25	10	3	25	15	
E021761	488109	7085873	15	A	l. brown	70		10	10	10	Steep, mossy slope, some talus, spruce trees.
E021762	488126	7085862	25	A	m. brown	23	70	5	2		Steep, mossy, in shrubbery.
E021763	488143	7085852	20	A	m. brown	23	70	5	2		Steep, thick moss layer, in shrubbery, neighbouring birch?
E021764	488161	7085842	20	A	l. brown		90	10			Mossy, in shrubs.
E021765	488178	7085831	10	A	m. brown	50		5	10	35	Roots in hole, white birch, some spruce, little to no moss.
E021766	488195	7085821	20	A	l. brown	60		20	20		Roots, shrubbery, spruce/birch within 10m.

E021767	488212	7085811	35	A	m. brown	35	50	15			Roots, in shrubs, thick layer of moss, spruce nearby.
E021768	488229	7085800	30	B	orange-brown	50	25	15	10		Shrubbery, some roots.
E021769	488246	7085790	40	A	d. brown-grey	20	50	20	10		Rocks in hole, moss, shrubs, near birch/spruce.
E021770	488263	7085780	25	A	d. brown-grey	25	50	20	5		Moss, in shrubs, spruce 10m away.
E021771	488281	7085770	15	A	l. brown-grey	40	40	10		10	On old road, thin layer of grass/moss, birch within 5m.
E021772	488298	7085759	25	A	m. grey-brown	55	40	15			Blue spruce, hairbrush, moss, low shrubs.
E021773	488315	7085749	20	B	l. brown	20		10		70	On moose path, shrubs, hairbrush.
E021774	488332	7085739	20	A	m. brown	90		10			Shrubs, spruce, close (~20m) to creek and

											ravine, thin layer of grass and moss.
E021775	488469	7086006	20	A	l. brown-grey	30		15	20	35	Above tree line, small shrubbery, small moss layer.
E021776	488452	7086017	15	A	orange-brown	85		10	5		Above tree line, small shrubbery, small moss layer.
E021777	488435	7086027	25	A	grey-brown	65		15	20		Tall spruce and low shrubbery, thick moss cover.
E021778	488418	7086037	15	A	grey-brown	60		10	20	10	Tall spruce and low shrubbery, thick moss cover.
E021779	488401	7086047	10	A	grey-brown	75		10	5	10	Tall spruce and low shrubbery, thick moss cover.
E021780	488384	7086058	25	A	brown-orange	60		10	10	20	Alder and spruce trees, small shrubs,

											thick moss.
E021781	488367	7086068	15	A	brown-orange	60		20	10	10	Alder and spruce trees, small shrubs, thick moss.
E021782	488349	7086078	15	A	brown-orange	55		25	10	10	Tall spruce, thick moss, low shrubbery, mushrooms.
E021783	488332	7086089	20	A	m. brown	55		15	20	10	Low shrubbery, small alders, thick moss, small spruce.
E021784	488315	7086099	25	A	m. brown-grey	55		30	5	10	Talus, thin moss cover, low shrubbery, deciduous trees (birch).
E021785	488298	7086109	25	A	orange-brown	50		10	20	20	Talus, medium moss cover, low shrubbery, small spruce.
E021786	488967	7086057	15	A	m. brown-grey	50		20	10	20	Small talus, caribou moss, grass, lichens, low shrubs,

											blueberries!
E021787	488950	7086068	25	A	m. brown	30		20	20	30	Small talus, caribou moss, grass, lichens, low shrubs, blueberries!
E021788	488933	7086078	25	A	m. brown-orange	55		15	30		Very low shrubs, lichen and moss, small talus.
E021789	488915	7086088	25	A	m. brown	90		5	5		Very low shrubs, lichen and moss, small talus.
E021790	488898	7086099	35	A	m. brown-grey	70		25		5	Very low shrubs, lichen and moss, small talus.
E021791	488881	7086109	40	A	d. brown	70		10		20	Very low shrubs, lichen and moss, small talus.
E021792	488864	7086119	15	A	m. grey-brown	65		20	5	10	Very low shrubs, lichen and moss, small talus.
E021793	488847	7086129	30	A	m. brown	55		20	5	20	Medium shrubs, sparse spruce, moss, small talus.

E021794	488830	7086140	5	A	m. brown	50		30	20		Sample taken close to surface since all talus/moss.
E021795	488813	7086150	20	A	m. brown	85		15			Medium shrubs, sparse spruce, moss, small talus.
E021796	488795	7086160	25	A	m. brown	70		15	15		Medium shrubs, sparse spruce, moss, small talus and roots.
E021797	488778	7086171	20	A	m. brown	70	10	10	10		Medium shrubs, sparse spruce, moss, small talus and roots.
E021798	488761	7086181	30	A	m. brown	55		25	20		Between large talus rocks, moss, shrubs, spruce, within 5m.
E021799	488744	7086191	20	A	m. brown	55	10	10	25		Between large talus rocks, moss, shrubs, spruce, within 5m.

E021800	488727	7086202	10	A	m. brown-grey	65	10	20	5		Between large talus rocks, moss, shrubs, spruce, within 5m.
E021881	488710	7086212	15	A	m. brown	60	5	15	20		Medium shrubs, spruce within 15m, moss cover, large talus.
E021882	488693	7086222	25	A	m. brown	40	20	30	10		Moss cover, small and large spruce, medium talus.
E021883	488675	7086232	40	A	m. brown	40		10	50		Moss cover, small and large spruce, medium talus.
E021884	488658	7086243	15	A	grey	25	40	25	10		Thin moss cover, spruce, near cut trees.
E021885	488641	7086253	25	A	l. brown	55	10	20	15		Thin moss cover, spruce, near cut trees.
E021886	488624	7086263	25	A	m. brown-grey	65		25	10		Thick moss cover, spruce trees, some

											talus in hole.
E021887	488607	7086274	20	A	grey	40	20	25	15		Thick moss cover, spruce trees, some talus in hole.
E021888	488590	7086284	20	A	l. brown-grey	40	30	10	10		Thick moss cover, spruce trees, some talus in hole, close to road.
E021889	488573	7086294	15	A	m. brown-grey	55		25	20		Thick moss cover, spruce trees, some talus in hole, very close to road.
E021890	488555	7086305	30	A	m. brown	50	15	10	25		Thick moss cover, spruce trees, some talus in hole, very close to road but on opposite side.
E021891	488538	7086315	20	A	grey-m. brown	50	10	20	20		Thick moss cover, spruce trees, some talus in hole, very close to road but on opposite side.

E021892	488521	7086325	15	A	grey-m. brown	55	20	10	15		Thick moss cover, spruce trees, some talus in hole, very close to road but on opposite side.
E021893	488504	7086335	40	B	l. brown	50	40	5	5		Thick moss cover, spruce trees, some talus in hole, very close to road but on opposite side.
E021894	488487	7086346	15	A	m. brown	65	10	15	10		Near well developped road, spruce trees and low brush.
E021895	488470	7086356	20	A	grey-m. brown	60	20	20			2m from road, small spruce, low brush and moss.
E021896	488607	7086507	15	A	m. brown-grey	60	10	10	20		Tall spruce, low deciduous brush, thin moss cover.
E021897	488624	7086497	15	A	m. brown-grey	55	10	10	25		Tall spruce, low

											deciduous brush, thin moss cover.
E021898	488641	7086486	20	A	m. brown	80		15	5		Tall spruce, low deciduous brush, thin moss cover.
E021899	488658	7086476	25	A	m. brown	55	20	20		5	Tall spruce, thick moss cover, heavily wooded, not much brush.
E021900	488676	7086466	15	B	l. brown-yellow	45	45	5	5		Tall spruce, thick moss cover, heavily wooded, not much brush.
E021901	488693	7086455	25	A	l. brown	60	20	10	10		Tall spruce, thick moss cover, heavily wooded, not much brush.
E021902	488710	7086445	20	A	grey-brown	55	20	15		10	Tall spruce, thick moss cover, heavily wooded, not much brush.
E021903	488727	7086435	20	A	orange-brown	50	15	25	10		Small clearing, small talus, light

											moss cover, surr. Tall spruce, roots.
E021904	488744	7086424	30	A	m. brown	70		10	20		Large talus with small gravel, thin moss cover, short spruce, low brush.
E021905	488761	7086414	20	A	m. brown	65	10	15	10		Large talus with small gravel, thin moss cover, short spruce, low brush.
E021906	488778	7086404	30	A	m. brown-grey	60	20	10	10		Large talus, gravelly, thick moss, low brush, spruce saplings.
E021907	488796	7086394	10	A	m. brown-grey	10	90				Alpine, low shrubs, spruce within 20m (rare), lichen, thin moss.
E021908	488813	7086383	20	A	m. brown-grey	45	40	10	5		Alpine, low shrubs, spruce within 20m (rare), lichen, thin

											moss.
E021909	488830	7086373	20	A	m. brown	70	10	5	15		Medium talus, medium moss, low deciduous shrubs, small spruce.
E021910	488847	7086363	25	A	m. brown	80		5	5	10	Small talus, v. thin moss, tall spruce, open, grass, scattered shrubs.
E021911	488864	7086352	35	A	orange-brown	75		5	10	10	Small talus, v. thin moss, tall spruce, open, grass, scattered shrubs.
E021912	488881	7086342	30	A	m. brown	55		30	15		Small talus, v. thin moss, tall spruce, open, grass, scattered shrubs.
E021913	488898	7086332	20	A	brown	65		10	15	10	Small talus, v. thin moss, tall spruce, open, grass, scattered

											shrubs.
E021914	488916	7086321	40	A	brown	45	20	30	5		Small talus, v. thin moss, tall spruce, open, grass, scattered shrubs, sample taken in dried up creek bed.
E021915	488933	7086195	15	A	m. brown	70		5	15	10	Small talus, thin moss, lichen, low shrubs.
E021916	488915	7086205	20	A	l. brown	60	10	10	20		Small talus, thin moss, lichen, low shrubs.
E021917	488898	7086215	50	A	d. grey-brown	35	20	30	5	10	Small talus, thin moss, lichen, low shrubs.
E021918	488889	7086225	15	A	grey	10	75	10	5		Mossy ground surrounding lichen covered large talus, small shrubs, actual location different from

											planned location.
E021919	488864	7086236	15	A	l. brown	75		10	5	10	Thin to medium moss, small deciduous shrubs, small spruce, rooty.
E021920	488847	7086246	20	A	l. brown	65	20	5	10		Small talus, rubble, medium moss, small shrubs.

APPENDIX 5

SOIL SAMPLE ANALYSES

METHOD	Au-AA25	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
UNIT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
E021601	<0.01	0.0028	0.293	1.11	19.55	<10	126	0.19	0.17	0.1	0.25	18.65	3.6	20	0.89	21.7	1.79	3.7	<0.05	<0.02	0.056	0.018	0.04	9.2	7.8	0.24	167
E021602	<0.01	0.0011	0.173	1.73	22.4	<10	130	0.33	0.17	0.11	0.22	24.3	6.2	27.1	1.12	29.5	2.78	4.72	<0.05	0.03	0.042	0.032	0.04	11.3	16.3	0.36	209
E021603	<0.01	0.0013	0.23	0.93	10.1	<10	98.7	0.17	0.14	0.08	0.21	17.2	3	16.6	1.04	15.35	1.51	3.26	<0.05	<0.02	0.037	0.017	0.04	8.5	6.4	0.2	103
E021604	<0.01	0.0014	0.088	1.16	17.25	<10	84.5	0.13	0.15	0.08	0.18	20.5	4.6	22.5	0.72	16.15	2.17	4.05	<0.05	<0.02	0.027	0.02	0.04	9.5	10.2	0.32	203
E021605	<0.01	0.0062	0.317	1.34	35.6	<10	125	0.31	0.17	0.12	0.27	22	6.4	23.5	0.97	21.7	2.21	3.37	<0.05	<0.02	0.052	0.024	0.04	10.4	12.1	0.31	269
E021606	<0.01	0.0004	0.141	0.83	11.6	<10	90	0.12	0.15	0.08	0.18	16.4	2.4	17.1	0.78	12.45	1.33	3.72	<0.05	<0.02	0.026	0.013	0.03	8.4	5.5	0.19	77
E021607	<0.01	0.0011	0.339	1.08	13.8	<10	120.5	0.2	0.18	0.1	0.23	19.95	3.4	21	0.93	18.9	1.61	4.17	<0.05	<0.02	0.047	0.016	0.04	9.7	7.7	0.26	112
E021608	<0.01	<0.0002	0.126	0.68	9.41	<10	66.7	0.08	0.15	0.08	0.1	22	1.8	11.5	0.64	5.96	0.91	3.71	<0.05	<0.02	0.019	0.011	0.03	10.4	4.1	0.14	67
E021609	<0.01	0.0005	1.135	1.08	27	<10	197.5	0.29	0.17	0.16	0.97	24	5.1	19	0.91	19.95	1.9	3.8	<0.05	<0.02	0.051	0.02	0.05	11.7	7.9	0.23	577
E021610	<0.01	<0.0002	0.287	1.29	29.4	<10	106	0.28	0.17	0.1	0.23	23.4	6.3	24.9	1.03	16.45	2.69	4.78	<0.05	<0.02	0.035	0.023	0.05	11	13	0.33	332
E021611	<0.01	<0.0002	1.075	0.88	23.2	<10	97.9	0.21	0.15	0.08	0.23	17.7	4.5	17.3	0.85	17.4	2.02	3.28	<0.05	<0.02	0.053	0.021	0.04	8.8	5.8	0.2	247
E021612	0.01	<0.0002	0.596	0.78	23.3	<10	88.5	0.12	0.2	0.11	0.27	22.9	2.8	14.5	0.59	10.6	1.83	5.31	<0.05	<0.02	0.032	0.013	0.04	11	3.9	0.12	266
E021613	<0.01	0.0004	0.76	1.27	31.5	<10	106.5	0.28	0.18	0.08	0.39	22.2	6.3	20.9	0.92	18	2.37	4.12	<0.05	<0.02	0.033	0.02	0.04	11.1	9.8	0.25	328
E021614	<0.01	<0.0002	0.924	1.36	32.1	<10	91	0.41	0.16	0.1	0.59	24.1	9.6	22.5	1	18.2	2.69	3.98	<0.05	0.02	0.041	0.022	0.04	11	16	0.28	574
E021615	<0.01	0.0057	0.46	0.83	22	<10	63.3	0.1	0.21	0.08	0.26	16.65	3.2	15.7	0.55	12.4	2.41	5.37	<0.05	<0.02	0.005	0.014	0.04	8.3	4.8	0.15	150
E021616	<0.01	<0.0002	0.258	0.91	26.5	<10	88.4	0.14	0.2	0.08	0.24	20.2	3.7	16.9	0.74	12.55	2.29	5.5	0.05	<0.02	0.011	0.014	0.04	10.1	6.1	0.18	288
E021617	<0.01	<0.0002	0.958	0.29	25.5	<10	178.5	0.09	0.12	0.11	0.99	14.2	2.9	11	0.92	15.35	1.28	2.39	<0.05	<0.02	0.035	0.01	0.03	7.1	0.9	0.03	1060
E021618	<0.01	0.004	0.108	1.16	23	<10	112	0.25	0.15	0.13	0.2	22.2	4.8	21.7	0.8	17.95	2.03	4.02	0.05	<0.02	0.032	0.018	0.04	10.9	11.6	0.32	167
E021619	<0.01	0.0044	0.224	1.41	23.6	<10	148.5	0.38	0.17	0.14	0.28	27.8	6.3	23.5	1.05	19.6	2.07	4.53	0.05	<0.02	0.051	0.021	0.05	14.9	12.9	0.34	245
E021620	<0.01	0.0006	0.296	0.82	13.05	<10	86.4	0.13	0.21	0.05	0.17	18.3	2	12.7	0.93	9.32	1.04	4.51	<0.05	<0.02	0.013	0.01	0.03	9.2	4	0.12	87
E021621	<0.01	0.0024	0.579	1.45	16	<10	143	0.43	0.22	0.07	0.42	20.9	4.6	23.8	1.15	26.5	2.34	4.84	0.05	<0.02	0.062	0.029	0.04	10	9.3	0.25	367
E021622	<0.01	0.0018	0.145	1.23	16	<10	111	0.27	0.21	0.08	0.33	20.5	5.3	21.2	1.05	16.6	2.14	5.21	0.06	<0.02	0.016	0.022	0.05	10.3	10.4	0.27	388
E021623	<0.01	0.0009	0.381	1.22	14.4	<10	116.5	0.27	0.18	0.07	0.31	17.7	3.6	21.3	1.02	16.5	2.02	4.71	0.05	<0.02	0.044	0.019	0.05	9.1	8.5	0.26	134
E021624	<0.01	0.0011	0.071	1.13	13.1	<10	105.5	0.19	0.16	0.09	0.3	19.15	4.3	21.1	0.8	14.35	1.86	4.73	<0.05	<0.02	0.006	0.017	0.04	9.4	9.8	0.3	156
E021625	0.01	0.0012	0.203	1.18	12.45	<10	122	0.2	0.23	0.07	0.22	18.55	3.6	21	0.94	13.45	1.93	5.02	0.05	<0.02	0.035	0.019	0.05	9.2	7.4	0.25	151
E021626	<0.01	0.0017	0.136	1.12	10.15	<10	80.1	0.25	0.15	0.12	0.23	20.8	4.2	19.8	0.71	14.2	1.74	3.82	0.05	<0.02	0.011	0.015	0.04	9.9	10.8	0.28	161
E021627	0.01	0.0016	0.232	0.95	9.39	<10	97.1	0.22	0.16	0.09	0.28	16.5	3.3	16.9	0.69	12.45	1.56	4.06	0.05	<0.02	0.024	0.017	0.04	8.3	7.2	0.23	112
E021628	0.03	0.0021	0.171	0.94	9.75	<10	82.6	0.19	0.15	0.11	0.22	15.7	3.1	17.3	0.67	12.3	1.54	3.35	<0.05	<0.02	0.014	0.013	0.04	8	7.7	0.24	111
E021629	<0.01	0.0015	0.123	0.83	9.85	<10	80.6	0.13	0.14	0.07	0.16	15.05	2.8	16.4	0.79	10.9	1.32	3.91	<0.05	<0.02	0.01	0.011	0.03	7.7	6.6	0.22	92
E021630	<0.01	0.0011	0.089	0.82	9.19	<10	128	0.21	0.16	0.2	0.25	17.7	4.1	16.3	0.73	12.5	1.57	3.91	0.05	<0.02	<0.005	0.015	0.03	8.8	6.5	0.2	158
E021681	<0.01	0.0023	0.094	1.36	15	<10	156	0.27	0.19	0.16	0.25	29.6	6.3	25.1	0.88	19.45	2.25	4.13	<0.05	<0.02	0.034	0.016	0.05	14	12.1	0.34	289
E021682	<0.01	0.0021	0.118	1.47	16.85	<10	127	0.23	0.2	0.12	0.18	24.5	4.6	24.9	1.12	15.9	2.26	4.91	<0.05	<0.02	0.05	0.022	0.05	12.4	12.5	0.35	153
E021683	<0.01	0.0023	0.086	1.44	16.3	<10	209	0.4	0.18	0.18	0.22	31.9	7.2	26	0.93	20.5	2.38	4.3	<0.05	0.02	0.052	0.022	0.05	15.8	13.6	0.38	303
E021684	<0.01	0.0006	0.35	1.6	17	<10	148.5	0.27	0.26	0.1	0.19	21.5	4.1	25.9	1.28	16.85	2.15	5.59	<0.05	<0.02	0.065	0.02	0.05	11	11.4	0.32	137
E021685	0.01	0.001	0.128	1.43	20.9	<10	118.5	0.26	0.21	0.11	0.26	29.4	8.4	25.4	1.19	16.45	2.47	4.85	0.06	<0.02	0.046	0.024	0.05	14.1	13.2	0.32	494
E021686	<0.01	0.0037	0.649	0.89	11.65	<10	109.5	0.17	0.21	0.07	0.23	22.5	1.7	12.5	0.68	12.6	1.19	5.46	<0.05	<0.02	0.053	0.013	0.03	11.6	2.2	0.07	53
E021687	<0.01	0.0013	0.134	1.05	31.3	<10	93.6	0.2	0.2	0.07	0.19	22.7	3.9	19.2	0.92	12.7	2.34	4.91	<0.05	<0.02	0.031	0.02	0.04	11.3	8	0.22	171
E021688	<0.01	0.0024	0.117	1.27	24	<10	109	0.29	0.15	0.09	0.27	22.9	6.9	22	0.83	19.45	2.18	3.49	<0.05	0.02	0.045	0.019	0.04	11.3	12.1	0.29	249
E021689	<0.01	0.0029	0.374	1.36	23.6	<10	134.5	0.35	0.19	0.11	0.25	26.6	5.9	24.9	1.03	22.4	2.21	4.22	<0.05	<0.02	0.072	0.018	0.04	12.7	12.5	0.3	274
E021690	0.02	0.0034	0.123	1.22	16.35	<10	133	0.24	0.19	0.12	0.25	21.6	4.8	22.8	0.98	14.8	1.97	4.63	<0.05	<0.02	0.039	0.019	0.05	11.1	10.1	0.29	256
E021691	0.02	0.0003	0.149	0.94	12.4	<10	106.5	0.19	0.17	0.08	0.17	18.05	2.9	17.2	0.84	11.35	1.4	4.05	<0.05	<0.02	0.033	0.017	0.04	9.3	6.7	0.21	121
E021692	<0.01	0.0018	0.165	0.93	19.85	<10	89.8	0.23	0.16	0.11	0.21	19.2	4	19.2	0.82	13.25	1.69	3.72	<0.05	<0.02	0.034	0.015	0.04	9.7	8.1	0.23	242
E021693	<0.01	0.0019	0.127	0.91	16.15	<10	91.9	0.21	0.15	0.1	0.17	17.85	3.5	18.8	0.79	12.35	1.62	3.5	<0.05	<0.02	0.028	0.014	0.04	9.3	7.3	0.24	131
E021694	<0.01	0.0009	0.053	1.01	17.4	<10	87.2	0.16	0.15	0.1	0.14	21.8	3.8	20.4	0.84	14	1.69	3.87	<0.05	<0.02	0.019	0.012	0.04	10.9	8.5	0.29	138
E021695	<0.01	0.0027	0.09	1.12	18.55	<10	90.2	0.25	0.15	0.14	0.2	24.9	5.5	22.2	0.83	17.6	2	3.65	<0.05	<0.02	0.065	0.013	0.04	12.3	11.3	0.31	256
E021696	<0.01	0.0008	0.131	0.97	17.65	<10	82.8	0.19	0.16	0.09	0.18	18.25	3.8	18.9	0.94	15.75	1.77	3.77	<0.05	<0.02	0.038	0.019	0.04	9.1	8.4	0.22	181
E021697	<0.01	0.0019	0.115	1.06	15.75	<10	79.5	0.21	0.19	0.07	0.14	20.5	3.4	19.5	0.93	14.8	1.85	4.24	0.05	<0.02	0.024	0.018	0.04	11	7	0.23	125
E021698	<0.01	0.0008	0.116	1.29	18.05	<10	88.3	0.27	0.24	0.09	0.27	26	5.3	23.3	0.96	9.35	2.66	5.89	0.06	<0.02	0.05	0.017	0.05	13	11.1	0.26	330
E021699	<0.01	0.003	1.84	1.11	27.1	<10	74.4	0.31	0.17	0.11	0.33	20.3	6.2	19.7	0.92	18.7	2.25	3.8	0.05	0.02	0.05	0.02	0.03	10.5	10	0.23	363
E021700	<0.01	0.0019	0.74	1.37	21.5	<10	93.3	0.31	0.19	0.11	0.21	20	5.8	23	0.93	15.3	2.49	5.23	<0.05	<0.02	0.072	0.023	0.05	10.6	12.1	0.26	239
E021701	<0.01	0.0014	0.148	1.07	12.1	<10	99.4	0.26	0.18	0.1	0.32	21.3	4	21.6	0.89	11.1	1.84	4.25	0.08	<0.02	0.046	0.015	0.04	11.3	9.2	0.28	225
E021702	0.01	0.0019	0.195	1.23	11.6	<10	129.5	0.34	0.17	0.17	0.29	32.5	5.7	23.4	0.85	20	1.99	3.73	0.05	<0.02	0.05	0.019	0.05	16.5	11.4	0.34	259
E021703	<0.01	0.0019	0.183	1.07	9.79	<10	124	0.29	0.18	0.12	0.28	22.2	3.4	20.8	1	10.95	1.62	4.49	<0.05	<0.02	0.045	0.017	0.05	12	7.9	0.25	120
E021704	0.04	0.0034	0.175	1.08	10.6	<10	95.8	0.18	0.17	0.12	0.21	20.8	3.2	20.3	0.94	10.55	1.62	4.26	<0.05	<0.02	0.045	0.014	0.04	11.3	9.1	0.26	100
E021705	<0.01	0.0028	0.198	1.17	10.85	<10	100.5	0.29	0.17	0.13	0.19	22.8	5.4	22	0.87	14.3	1.81	4	0.07	<0.02	0.046	0.015	0.04	11.9	10.4	0.31	187
E021706	<0.01	0.0023	0.181	1.14	10.15	<10	90.5	0.3	0.15	0.13	0.19	24.3	4.9	19.9	0.75	15.3	1.74	3.55	<0.05	<0.02	0.039	0.02	0.04	12.9	11.2	0.29	185
E021707	<0.01	0.0018	0.165	1.18	10.3	<10	103.5	0.27	0.17	0.13	0.17	23.5	4.7	21.6	0.77	16.6	1.84	3.98	0.05	<0.02	0.022	0.014	0.04	12.5	10.4	0.31	169
E021708	0.01	0.002	0.125	0.97	9.31	<10	73.6	0.2	0.13	0.12	0.18	18.4	4	18.2	0.72	11.8	1.59	3.45	<0.05	<0.02	0.036	0.015	0.04	9.7	9	0.25	168
E021709	<0.01	0.0015	0.114	1.13	11.45	<10	89.6	0.23	0.15	0.15	0.2	21.1	4.7	22.6	0.78	12.4	2.03	4.17	<0.05	<0.02	0.039	0.017	0.04	11.1	10.7	0.32	199
E021710	<0.01	0.0074	0.178	1.19	11.25	<10	81.3	0.32	0.18	0.12	0.21	20.1	4.2	22.6	0.83	12.3	1.94	4.31	0.05	<0.02	0.049	0.017	0.04	10.4	10.3	0.29	173
E021711	<0.01	0.0026	0.136	1.32	11.9	<10	91.1	0.34	0.17	0.14	0.16	24.5	5.5	24	0.86	13.95	2.08	4.34	0.05	0.02	0.035	0.017	0.05	12.3	11.9	0.33	233
E021712	<0.01	0.0012	0.076	0.91	9.53	<10	123.5	0.24	0.14	0.25	0.21	20.9	5.5	18.6	0.69	12.55	1.89	3.51	0.06	<0.02	0.034	0.014	0.04	11	8.9	0.29	280
E021713	<0.01	0.0462	0.161	1.06	8.41	<10	128	0.19	0.15	0.25	0.14	20.7	4.2	20.6	0.67	10.25	1.8	3.72	<0.05	<0.02	0.029	0.015	0.04	11.1	9.9	0.34	147
E021714	<0.01	0.0022	0.12	1.28	9.8	<10	186.5	0.28	0.17	0.2	0.09	24.6	6.2	22.8	0.87	12.65	2.19	4.56	<0.05	<0.02	0.031	0.015	0.04	12.3	10.7	0.36	267
E021715	<0.01	0.0034	0.112	1.22	8.83	<10	151.5	0.28	0.16	0.23	0.14	24.4	5.3	22	0.8	12.9	2	4.1	0.05	0.02	0.021	0.018	0.04	12.7	11	0.36	183
E021716	<0.01	0.0016	0.117	1.2	10.4	<10	144.5	0.28	0.15	0.23	0.23	28.7	6.2	21.3	0.76	20.1	2.04	3.79	0.05	0.02	0.043	0.017	0.04	14.5	10.9	0.36	214
E021717	<0.01	0.0104	0.155	1.16	9.76	<10	140	0.37	0.16	0.25	0.26	26.8	6.6	21.8	0.73	15.1	2.13	3.73	0.05	0.02	0.026	0.019	0.04	13.4	11.4	0.36	244
E021718	<0.01	0.0013	0.158	1.26	10.05	<10	185	0.36	0.15	0.27	0.19	25.2	5.8	24	0.78	15.85	2.28	3.93	0.05	0.03	0.039	0.02	0.04	13	11.9	0.38	245
E021719	<0.01	0.0046	0.146	1.3	10.1	<10	170	0.39	0.17	0.25	0.23	32.7	6.4	24.5	0.78	18.6	2.31	3.95	0.06	0.02	0.032	0.021	0.05	16.7	12.4	0.4	273
E021720	<0.01	0.0016	0.129	1.17	9.41	<10	143.5	0.37	0.15	0.18	0.3	26.5	6.2	21.9	0.76	15.15	2.07	3.84	0.06	0.02	0.026	0.016	0.04	13.3	11.3	0.35	259
E021721	<0.01	0.0013	0.032	1.35	15.45	<10	154	0.19	0.26	0.09	0.27	22.5	5.3	26.9	1.17	10.45	2.64	6.61	0.06	<0.02	0.012	0.019	0.06	12.2	10.5	0.36	262
E021722	<0.01	0.003	0.189	1.55	12.75	<10	193	0.45	0.23	0.17	0.15	22.7	6.3	26	1.19	15.15	2.43	5.19	<0.05	<0.02	0.063	0.024	0.05	12	14.5	0.37	276
E021723	<0.01	0.0017	0.218	1.08	9.75	<10	156	0.34	0.15	0.21	0.19	22.8	5	20.5	0.71	14	1.88	3.53	0.06	<0.02	0.033	0.015	0.04	12.2	10.6	0.32	203
E021724	0.02	0.0301	0.189	1.06	12.25	<10	167	0.3	0.18	0.24	0.35	18.2	6.1	21.6	0.86	12.05	2.02	4.17	0.05	<0.02	0.031	0.019	0.05	9.5	9.6	0.3	392
E021725	0.01	0.0068	0.419	1.49	17.75	<10	281	0.4	0.26	0.31	0.37	16.3	7.1	26	1.32	16.5	2.65	5.66	0.05	<0.02	0.041	0.024	0.06	8.7	12	0.33	649
E021726	<0.01	0.0026	0.175	1.32	19.95	<10	245	0.33	0.25	0.18	0.36	18.5	6	24.9	1.41	14.45	2.57	6.07	0.06	<0.02	0.04	0.019	0.06	10.1	10.6	0.27	350

METHOD	Au-AA25	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
UNIT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
E021727	<0.01	0.0021	0.248	1.08	14.05	<10	114	0.35	0.16	0.2	0.35	27.3	6	19.9	0.75	17.15	2.14	3.5	0.06	<0.02	0.055	0.016	0.05	13.9	9.8	0.29	292
E021728	<0.01	0.0023	0.335	1.11	15.6	<10	150.5	0.35	0.15	0.21	0.53	31.2	8.2	22.2	0.79	15.75	2.25	3.56	0.07	<0.02	0.037	0.022	0.06	15.4	11	0.34	406
E021761	0.02	0.0017	1.185	1	28.4	<10	136	0.34	0.17	0.1	0.7	21.7	6	18.6	0.91	21.6	2.11	3.96	<0.05	<0.02	0.04	0.022	0.03	11.5	10	0.23	284
E021762	0.01	0.0016	0.616	1.28	19	<10	138	0.28	0.17	0.12	0.36	22.6	3.8	18.2	0.92	18.4	2.05	4.43	<0.05	<0.02	0.068	0.021	0.04	11.7	9.9	0.24	180
E021763	<0.01	0.0021	1.75	1.31	17.25	<10	124.5	0.32	0.16	0.09	0.14	20.4	3.4	19.9	1.08	18.3	2.1	4.18	<0.05	<0.02	0.063	0.023	0.04	10.8	8.9	0.25	131
E021764	<0.01	0.0017	0.445	1.41	26.4	<10	124.5	0.37	0.19	0.1	0.29	25.1	5.1	22.5	1.13	20.7	2.34	4.88	<0.05	<0.02	0.029	0.028	0.05	13	12.7	0.3	213
E021765	<0.01	0.0021	2.07	1.62	34.4	<10	453	0.49	0.2	0.37	1.31	32.1	9.4	24.6	1.41	33.5	2.49	5.07	0.05	<0.02	0.066	0.028	0.07	17.2	13	0.29	892
E021766	<0.01	0.0007	0.749	0.75	35.2	<10	89	0.13	0.22	0.07	0.3	21.3	3.6	14.8	0.9	12	1.85	5.67	<0.05	<0.02	0.02	0.016	0.04	10.7	3.9	0.11	450
E021767	<0.01	0.0014	0.824	1.65	30.5	<10	180.5	0.53	0.2	0.13	0.38	25.8	8.2	22.5	1.22	20.5	2.56	5.14	<0.05	<0.02	0.061	0.024	0.07	12.8	11.8	0.27	450
E021768	0.01	0.0007	0.279	0.89	17.9	<10	90.8	0.19	0.13	0.11	0.33	22	4.1	18.1	0.76	11.55	1.88	3.8	<0.05	<0.02	0.02	0.02	0.04	10.3	7.2	0.2	189
E021769	<0.01	0.0012	1.285	1.47	21.5	<10	312	0.53	0.24	0.18	0.79	28.5	12.3	26	2.29	36.4	2.07	4.85	<0.05	0.02	0.075	0.026	0.07	15	8.9	0.18	653
E021770	<0.01	0.0034	1.425	1.84	29.8	<10	348	0.53	0.25	0.17	1	33.5	8	25.4	1.78	38.2	2.57	5.39	0.06	<0.02	0.119	0.036	0.06	16.7	14.1	0.22	351
E021771	0.01	0.0016	0.333	0.99	25.5	<10	136.5	0.17	0.16	0.17	0.14	19.5	4.6	21.1	1.03	17.2	1.95	3.02	<0.05	<0.02	0.033	0.017	0.03	10.3	14.5	0.27	109
E021772	<0.01	0.004	0.211	0.93	24.2	<10	177.5	0.27	0.17	0.38	0.24	16.8	5.7	20.8	0.89	18.75	2.16	3	<0.05	<0.02	0.017	0.017	0.03	8.4	13	0.27	180
E021773	0.02	0.0032	0.234	0.83	24.9	<10	136	0.29	0.14	0.2	0.12	20.5	7.3	18.5	0.77	19.35	2.08	2.52	<0.05	<0.02	0.016	0.016	0.02	10.1	14.6	0.25	258
E021774	<0.01	0.0011	0.165	0.72	24.1	<10	108.5	0.26	0.14	0.19	0.43	17.15	7.5	16.9	0.66	22.7	1.93	2.17	<0.05	0.02	0.017	0.014	0.02	8.2	12.5	0.23	344
E021775	<0.01	<0.0002	0.202	0.47	20.5	<10	43.5	0.11	0.17	0.05	0.12	18.25	2.2	10	0.65	11.2	1.14	4.35	<0.05	<0.02	0.026	0.01	0.02	9.3	1.9	0.05	67
E021776	0.01	0.0002	0.077	1.17	19.5	<10	95.7	0.27	0.19	0.11	0.21	23.1	7	24.9	1	17.7	2.58	4.66	<0.05	<0.02	0.023	0.018	0.05	11.6	12.2	0.34	375
E021777	<0.01	0.0003	0.063	0.85	15.5	<10	70.1	0.19	0.16	0.07	0.16	19.65	3.6	19.9	1.03	13.65	1.6	3.98	0.05	<0.02	0.135	0.016	0.04	10.3	7	0.23	130
E021778	<0.01	0.0016	0.064	0.84	16.65	<10	62.5	0.16	0.16	0.08	0.17	18.85	3.7	18.1	0.74	13.05	1.66	3.81	0.05	<0.02	0.013	0.01	0.03	9.5	7.4	0.22	165
E021779	0.02	0.0007	0.135	0.75	7.77	<10	68	0.17	0.14	0.05	0.1	14.5	2	14.8	0.87	9.28	1	3.34	<0.05	<0.02	0.028	0.011	0.03	7.4	4.7	0.14	60
E021780	<0.01	0.0012	0.143	0.92	17.4	<10	86.8	0.18	0.13	0.11	0.28	18.5	4.5	18.6	0.7	14.2	1.72	2.94	0.05	<0.02	0.024	0.017	0.03	9.3	9.7	0.25	225
E021781	<0.01	0.0018	0.126	0.95	13.1	<10	99.8	0.17	0.14	0.09	0.29	17.8	3.6	18.9	0.76	12.8	1.66	3.28	<0.05	<0.02	0.188	0.014	0.04	9.1	8.5	0.24	201
E021782	<0.01	0.0011	0.17	1.28	11.15	<10	143.5	0.22	0.19	0.09	0.28	19.7	3.9	22.2	1.05	16.25	1.88	4.5	0.05	<0.02	0.033	0.02	0.05	10.2	10.5	0.29	137
E021783	0.01	0.0011	0.186	1.24	21.1	<10	134	0.34	0.18	0.1	0.43	22.9	6.2	23.7	1.07	18.35	2.35	4.69	0.05	<0.02	0.049	0.026	0.05	11.7	11.6	0.3	349
E021784	<0.01	<0.0002	0.246	0.99	13.55	<10	90.7	0.17	0.28	0.1	0.13	22.1	2.9	18.2	0.72	8.71	2.09	6.82	<0.05	<0.02	0.037	0.017	0.04	11.5	4.9	0.14	224
E021785	<0.01	<0.0002	0.645	2.05	20.7	<10	127	0.38	0.28	0.06	0.34	22.6	6.6	33.1	1.5	14.45	3.55	7.02	<0.05	0.02	0.059	0.031	0.05	11.6	21.9	0.32	353
E021786	<0.01	0.0043	0.574	0.77	39.3	<10	181	0.16	0.2	0.09	0.76	18.5	3.8	17.2	0.93	12.6	1.7	3.92	<0.05	<0.02	0.074	0.016	0.06	10.1	4.4	0.13	214
E021787	0.01	0.0084	0.559	1.31	30.5	<10	187	0.43	0.18	0.18	0.49	27.6	8.7	25.2	0.92	20.4	2.22	4.11	<0.05	0.02	0.056	0.021	0.06	13.3	13	0.36	467
E021788	0.01	0.0036	0.184	1.09	20.6	<10	105.5	0.24	0.17	0.16	0.45	24.6	6.2	25	0.71	16.65	2.43	3.8	0.05	<0.02	0.041	0.019	0.05	12.4	11.6	0.33	362
E021789	<0.01	0.0062	0.144	1.37	21.7	<10	189.5	0.41	0.16	0.17	0.5	30.9	7.1	25	0.88	22.1	2.28	4.14	<0.05	<0.02	0.035	0.019	0.06	15.2	13.5	0.36	377
E021790	0.01	0.0256	0.641	1.3	29.6	<10	131.5	0.25	0.2	0.09	0.52	21.4	4.7	25.1	0.99	15.45	2.28	4.81	<0.05	<0.02	0.034	0.023	0.06	11.4	10.4	0.29	206
E021791	0.01	0.0106	1.55	2.21	71.1	<10	464	0.8	0.33	0.15	0.89	29.2	8.1	35.8	1.62	34.9	3.58	6.28	0.05	<0.02	0.224	0.038	0.1	15.7	13.7	0.35	332
E021792	<0.01	0.003	0.959	1.23	25	<10	221	0.38	0.17	0.13	0.83	28.6	6.6	21.8	0.98	16.9	2.1	4.21	0.06	<0.02	0.095	0.025	0.07	15	10.6	0.3	494
E021793	<0.01	0.005	0.585	1.19	42.3	<10	251	0.31	0.2	0.12	0.86	20.5	4.8	23.8	1.18	19.4	2.33	4.2	<0.05	<0.02	0.078	0.023	0.06	11	8.6	0.27	217
E021794	<0.01	0.0009	0.186	0.69	14.85	<10	108.5	0.16	0.19	0.05	0.58	13.45	3.4	14.4	0.84	9.26	1.4	4.02	<0.05	<0.02	0.039	0.015	0.04	6.9	2.8	0.09	339
E021795	0.02	0.0248	1.065	2.18	97.2	<10	320	0.69	0.35	0.1	0.81	26	8.1	35.9	2.19	30.2	3.88	6.48	0.06	<0.02	0.136	0.043	0.08	13.4	17.5	0.4	499
E021796	<0.01	0.0021	0.228	0.85	25.5	<10	173	0.28	0.15	0.13	0.51	17.65	4.5	17.6	0.82	12.65	1.7	3.41	0.05	<0.02	0.016	0.016	0.04	9.2	7.2	0.22	296
E021797	0.01	0.0073	0.559	1.96	49.2	<10	151	0.48	0.32	0.07	0.62	23.5	6.8	33.1	1.81	17.75	3.47	7.64	<0.05	<0.02	0.057	0.035	0.07	12.4	13.4	0.33	417
E021798	<0.01	0.0032	0.27	1.12	35.4	<10	123	0.29	0.2	0.12	0.62	22.1	5.3	22.7	0.95	14.8	2.34	4.31	<0.05	<0.02	0.038	0.019	0.05	11.4	10.4	0.29	301
E021799	<0.01	0.0013	0.186	1.19	29	<10	111	0.22	0.22	0.09	0.31	22.4	4.2	22.6	1.2	12.05	2.14	5.26	<0.05	<0.02	0.027	0.02	0.05	11.5	9.1	0.26	183
E021800	<0.01	0.0464	0.081	1	28.5	<10	126.5	0.22	0.19	0.1	0.44	21.9	4.2	21	0.91	9.86	2.12	5.1	0.06	<0.02	0.022	0.015	0.04	11.4	8.2	0.26	227
E021881	<0.01	0.0023	0.335	1.34	17.95	<10	189.5	0.37	0.18	0.19	0.62	28.2	6.5	25.2	0.93	18.05	2.43	4.21	0.06	<0.02	0.045	0.022	0.05	14.4	13.3	0.38	406
E021882	<0.01	<0.0002	0.153	1.18	12.8	<10	184.5	0.27	0.18	0.12	0.81	26.8	5.4	21.9	1.1	16.15	2.1	4.52	0.05	<0.02	0.033	0.019	0.05	13.4	10.5	0.28	315
E021883	<0.01	0.0004	0.174	0.85	14.6	<10	120	0.19	0.26	0.08	0.3	24.5	4.6	22.6	1.46	10.65	1.82	5.21	<0.05	<0.02	0.021	0.016	0.05	12.5	4.4	0.14	312
E021884	<0.01	0.001	0.151	1.04	9.15	<10	125	0.19	0.17	0.12	0.28	18.05	3.1	20.3	0.97	11.1	1.57	4.24	<0.05	<0.02	0.04	0.018	0.05	9.3	7.5	0.23	114
E021885	<0.01	0.0035	0.176	1.04	15.15	<10	108.5	0.18	0.17	0.11	0.27	19.2	4.2	20	0.93	11.2	1.8	4.23	<0.05	<0.02	0.025	0.014	0.05	9.7	8.1	0.26	136
E021886	<0.01	0.0456	0.282	0.92	11.15	<10	118	0.16	0.19	0.1	0.28	15.95	2.8	19	0.95	8.84	1.45	4.97	<0.05	<0.02	0.035	0.015	0.05	8.2	5.2	0.17	84
E021887	<0.01	0.0014	0.185	1.05	10.65	<10	100	0.2	0.14	0.13	0.17	18.4	3.6	20.6	0.87	10	1.63	4.51	<0.05	<0.02	0.044	0.01	0.04	9.3	8.3	0.28	102
E021888	<0.01	0.001	0.185	1.17	8.65	<10	117.5	0.18	0.19	0.11	0.24	18.15	2.9	21.7	1.07	11.75	1.44	5.22	<0.05	<0.02	0.051	0.021	0.05	9.2	6.8	0.21	73
E021889	<0.01	0.0009	0.164	0.93	9.08	<10	111	0.19	0.16	0.11	0.35	16.6	3.8	18.8	0.94	12.8	1.49	4.26	<0.05	<0.02	0.042	0.012	0.05	8.5	6.5	0.22	99
E021890	<0.01	0.0013	0.14	1.01	10.9	<10	89.1	0.13	0.13	0.14	0.18	18.25	3.9	19.5	0.76	11.55	1.76	4	<0.05	<0.02	0.046	0.014	0.04	9.4	8.8	0.29	121
E021891	<0.01	0.0016	0.107	0.96	8.81	<10	80.1	0.16	0.16	0.09	0.15	17.95	3	18.8	1.01	9.55	1.47	4.73	<0.05	<0.02	0.02	0.015	0.05	9.2	6.5	0.23	81
E021892	<0.01	0.0009	0.147	1.08	11.9	<10	86.8	0.19	0.18	0.09	0.2	18.6	3.6	19.8	0.88	10.3	1.66	5.06	<0.05	<0.02	0.035	0.011	0.04	9.5	7.5	0.26	101
E021893	0.01	0.0022	0.16	1.6	15.45	<10	127.5	0.34	0.2	0.13	0.22	25.3	6.6	25.7	1.04	15.7	2.27	4.99	<0.05	0.02	0.041	0.017	0.05	11.9	13.1	0.34	237
E021894	<0.01	0.0011	0.188	1.29	11.2	<10	103	0.23	0.19	0.12	0.21	20.8	4.2	23.2	1.03	12.75	1.86	4.92	<0.05	<0.02	0.034	0.023	0.05	10.7	11	0.31	122
E021895	<0.01	0.0025	0.137	1.37	12.8	<10	125	0.22	0.19	0.12	0.18	20.6	4.5	24.7	1.09	13.15	1.99	5.38	<0.05	<0.02	0.044	0.017	0.05	10.6	10.5	0.34	116
E021896	0.01	0.0015	0.224	1.31	10.55	<10	164	0.29	0.15	0.2	0.33	22.7	5.6	23.3	0.86	13.2	1.96	4.32	<0.05	0.02	0.044	0.018	0.04	11.3	11.6	0.36	151
E021897	0.01	0.0077	0.169	1.12	10.45	<10	137	0.2	0.16	0.19	0.33	20.4	4.6	21.8	0.8	9.86	1.85	4.05	<0.05	<0.02	0.047	0.016	0.04	10.4	10.2	0.33	142
E021898	0.01	0.0015	0.283	1.33	13.1	<10	172	0.25	0.17	0.19	0.48	19.85	5.3	23.7	0.82	13	2.12	4.68	<0.05	0.02	0.038	0.019	0.04	10.2	11.3	0.36	204
E021899	0.05	0.0009	0.477	1.14	10.55	<10	156	0.24	0.16	0.18	0.96	20.9	5.2	21.9	0.91	14.45	2.04	4.37	<0.05	<0.02	0.041	0.017	0.04	10.6	10.1	0.34	255
E021900	0.03	0.0014	0.472	1.32	11.85	<10	168.5	0.34	0.16	0.23	0.45	26.2	6.5	24	0.91	17.75	2.14	4.23	<0.05	0.02	0.043	0.017	0.04	12.9	12.1	0.37	236
E021901	0.01	0.0006	0.323	1.03	11.4	<10	115.5	0.2	0.15	0.2	0.62	20.1	5.3	20.5	0.68	16.9	1.89	3.46	<0.05	0.02	0.047	0.017	0.03	10.1	9.6	0.33	210
E021902	0.08	0.0017	0.123	0.76	8.75	<10	107	0.15	0.24	0.14	0.6	20.1	2.5	15.6	1.57	7.71	1.31	6.49	<0.05	<0.02	0.033	0.012	0.04	10.6	3.1	0.11	562
E021903	<0.01	0.0018	0.196	1.22	15.15	<10	127	0.22	0.27	0.12	0.63	21.2	4	22.9	1.23	8.89	2.62	7.59	<0.05	<0.02	0.027	0.02	0.05	10.9	7.8	0.23	249
E021904	<0.01	0.0037	0.464	1.18	14.2	<10	163	0.36	0.18	0.15	1.63	32.7	9.6	25.3	0.87	17.45	2.41	4.37	<0.05	<0.02	0.059	0.023	0.04	13.6	10.3	0.3	904
E021905	0.01	0.0002	0.38	1.16	10.4	<10	132	0.22	0.18	0.14	0.66	22.1	4.2	21.3	1.02	10.8	1.87	4.99	<0.05	<0.02	0.054	0.014	0.04	11.4	9.1	0.28	210
E021906	<0.01	0.0017	0.477	1.26	12.5	<10	137	0.29	0.18	0.2	0.88	23.7	6.2	24.1	0.87	11.8	2.24	4.61	<0.05	<0.02	0.058	0.018	0.05	12	12	0.36	414
E021907	<0.01	0.0014	0.616	1.4	11.2	<10	174.5	0.3	0.17	0.19	0.61	32	6.5	25.3	0.94	18.25	1.89	4.73	<0.05	<0.02	0.066	0.018	0.05	15.4	11.8	0.37	204
E021908	0.01	0.0021	0.953	1.7	15.6	<10	235	0.36	0.22	0.19	0.67	21	5.9	28.9	1.24	19.7	2.62	5.94	<0.05	<0.02	0.078	0.022	0.06	11.2	13.2	0.41	201
E021909	<0.01	0.0014	0.347	1.42	13.8	<10	160	0.31	0.18	0.15	0.47	21.7	6.4	24.3	1.05	14.8	2.32	4.92	<0.05	<0.02	0.036	0.024	0.05	11.1	11.6	0.34	340
E021910	0.04	0.0025	0.372	1.42	13.5	<10	197	0.25	0.25	0.12	0.44	18.8	5.1	25.4	1.36	12.6	2.02	6.37	<0.05	<0.02	0.033	0.019	0.06	10	9.4	0.29	317
E021911	0.01	0.0026	0.32	1.22	12.25	<10	137.5	0.32	0.16	0.16	0.46	21.3	6.5	20.9	0.77	13.9	2.12	3.99	<0.05	0.02	0.044	0.018	0.04	10.9	12.5	0.31	273
E021912	0.01	0.0013	0.591	1.25	13.8	<10	182.5	0.3	0.16	0.17	0.7	21.9	6.8	23.4	0.82	16.15	2.18	4.05	<0.05	<0.02	0.049	0.015	0.05	11	11	0.31	381
E021913	0.04	0.0014	0.287	1.22	13.8	<10	155.5	0.26	0.17	0.16	0.58	21.6	8.9	25.1	0.81	14	2.27	4.11	0.05	<0.02	0.052	0.021	0.06	11	11.6	0.34	494
E021914	0.3	0.0032	0.738	1.67	19	<10	352	0.45	0.2	0.26	0.37	23.5	9.1	27.2	1.14	23.2	2.83	5.08	<0.05	<0.02	0.096	0.025	0.06	12.2	12.5	0.37	419

METHOD	Au-AA25	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
UNIT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
E021915	0.02	0.0056	0.412	1.14	44.1	<10	106	0.25	0.15	0.14	0.58	24	7.2	21	0.82	18.6	2.18	3.53	<0.05	<0.02	0.042	0.017	0.05	11.9	10.1	0.3	291
E021916	0.11	0.0087	0.518	1.04	97.6	<10	137	0.31	0.16	0.1	0.77	19	8.2	20.2	0.87	18.2	2.34	3.35	<0.05	<0.02	0.07	0.024	0.05	9.4	8.5	0.25	379
E021917	0.01	0.0012	0.598	0.77	13.6	<10	216	0.2	0.21	0.15	2.93	16.1	4.1	18.9	1.53	13.95	1.16	4.76	<0.05	<0.02	0.132	0.014	0.06	8.9	4	0.08	481
E021918	<0.01	0.0008	0.33	0.22	2.52	<10	36.1	<0.05	0.04	0.04	0.16	11.15	0.5	5.4	0.68	2.56	0.26	1.77	<0.05	<0.02	0.066	<0.005	0.03	5.6	0.7	0.02	37
E021919	<0.01	0.0035	0.919	1.89	33	<10	407	0.41	0.26	0.17	0.66	24.6	7.3	31.9	1.45	27	3.17	6.12	<0.05	<0.02	0.133	0.03	0.08	13	13.2	0.39	255
E021920	<0.01	0.0027	0.354	1.1	15.35	<10	147.5	0.22	0.13	0.21	0.71	26.8	7.2	22.4	0.7	17.05	2.18	3.44	<0.05	0.02	0.034	0.015	0.05	13.1	11.4	0.36	370

METHOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
UNIT	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
E021601	1.24	0.01	0.18	12.8	0.07	26.2	6.4	<0.001	0.03	0.94	0.4	0.2	0.3	9.9	<0.01	0.04	0.1	0.016	0.09	0.61	35	0.16	3.07	60.1	<0.5
E021602	1.3	0.01	1.09	19.3	0.043	21.1	7.9	<0.001	0.01	1.215	3.4	0.3	0.4	9.2	<0.01	0.03	3	0.047	0.1	0.66	47	0.2	4.19	74.4	0.9
E021603	0.95	0.01	0.13	9.8	0.079	16	6	<0.001	0.02	0.689	0.3	0.1	0.3	8.8	<0.01	0.03	<0.1	0.013	0.08	0.51	29	0.14	2.25	43.8	<0.5
E021604	1.02	0.01	0.53	13.9	0.033	16.05	4.7	<0.001	0.01	0.908	1.4	0.1	0.4	8	<0.01	0.02	0.3	0.04	0.08	0.45	44	0.19	2.42	59.7	<0.5
E021605	1.01	<0.01	0.75	17.4	0.052	23	6	<0.001	<0.01	1.39	2.2	0.4	0.3	8.8	<0.01	0.02	1.7	0.038	0.08	0.52	35	0.18	3.76	83.2	0.5
E021606	0.99	0.01	0.18	8	0.049	14.35	4.9	<0.001	0.02	0.563	0.3	0.3	0.3	7.7	<0.01	0.03	<0.1	0.018	0.06	0.51	30	0.14	2.06	33.7	<0.5
E021607	1.24	0.01	0.24	13.2	0.079	16.65	6.2	<0.001	0.01	0.673	0.5	0.1	0.4	9.5	<0.01	0.01	0.1	0.022	0.09	0.65	32	0.17	2.75	47.2	<0.5
E021608	0.73	<0.01	0.29	6	0.021	12.85	4.8	<0.001	<0.01	0.553	0.5	<0.1	0.4	7.6	<0.01	0.01	0.1	0.033	0.07	0.28	26	0.11	1.71	29.5	<0.5
E021609	1.05	0.01	0.58	13.6	0.054	28.6	8.8	<0.001	0.01	1.115	1.5	0.2	0.4	14.8	<0.01	0.02	0.4	0.034	0.08	0.62	37	0.19	2.92	79.1	<0.5
E021610	1.57	0.01	0.95	16.2	0.066	15.45	9.4	<0.001	0.01	1.205	2.4	0.2	0.4	10.1	<0.01	0.03	1.5	0.05	0.1	0.49	50	0.24	2.86	72.1	<0.5
E021611	1.51	0.01	0.18	13.3	0.093	16.6	5.7	<0.001	0.02	1.34	0.7	0.3	0.3	9.3	<0.01	0.01	0.1	0.022	0.08	0.59	35	0.15	2.72	60.1	<0.5
E021612	1.35	0.01	0.44	8.6	0.041	13.7	4.7	<0.001	0.01	1.005	0.7	0.1	0.5	10.3	<0.01	0.02	0.1	0.035	0.08	0.32	53	0.16	1.75	50.4	<0.5
E021613	1.48	0.01	0.7	14.5	0.062	25	7.6	<0.001	0.01	1.48	2.2	0.1	0.3	7.8	<0.01	0.02	1.2	0.04	0.09	0.58	42	0.18	3.71	73.3	<0.5
E021614	1.43	0.01	0.97	18.6	0.047	22.9	7	<0.001	0.01	1.825	2.4	0.3	0.4	9	<0.01	0.03	2.5	0.044	0.09	0.46	41	0.18	3.74	90.9	0.6
E021615	1.58	0.01	0.88	9.6	0.044	17.8	7.1	0.001	0.01	1.04	1.3	0.6	0.5	7.1	<0.01	0.02	0.7	0.046	0.08	0.31	59	0.24	1.48	47.4	<0.5
E021616	1.59	0.01	0.79	11.3	0.05	28	7.8	<0.001	0.01	1.14	1.5	0.3	0.5	8.7	<0.01	0.04	1	0.039	0.09	0.35	52	0.2	1.82	59.7	<0.5
E021617	1.44	0.01	0.22	10.3	0.04	92.5	3	<0.001	0.02	2.77	1	0.3	0.4	11.1	<0.01	0.03	0.5	0.025	0.06	0.3	26	0.12	1.26	94.3	<0.5
E021618	0.94	0.01	0.59	16.1	0.054	14.15	6.6	<0.001	0.01	0.898	1.7	0.5	0.3	10.6	<0.01	0.02	0.7	0.036	0.08	0.68	39	0.18	4.08	64.3	<0.5
E021619	1.12	<0.01	0.46	16.9	0.058	16.35	8	<0.001	0.01	1.13	1.9	0.5	0.4	12	<0.01	0.03	0.9	0.037	0.11	0.75	41	0.24	5.03	73.7	<0.5
E021620	1.1	0.01	0.52	6.7	0.035	15.2	7.5	0.001	0.01	0.661	0.9	0.3	0.5	7.3	<0.01	0.03	0.2	0.036	0.1	0.45	34	0.21	1.78	35.2	<0.5
E021621	1.54	0.01	0.32	13.2	0.14	34.6	10	<0.001	0.03	0.725	0.8	0.7	0.4	9.5	<0.01	0.03	0.1	0.019	0.11	1.28	41	0.19	4.72	63.2	<0.5
E021622	1.52	0.01	0.87	12.8	0.073	23.8	11.1	<0.001	0.01	0.811	2	0.6	0.5	9.2	<0.01	0.03	1.1	0.038	0.12	0.73	43	0.23	2.64	71.7	<0.5
E021623	1.32	0.01	0.48	13.8	0.062	20.7	8.8	<0.001	0.02	0.86	1.1	0.7	0.4	9.1	<0.01	<0.01	0.2	0.031	0.11	0.68	41	0.18	2.6	65.2	<0.5
E021624	1.37	0.01	0.46	15.1	0.038	15.05	6.1	<0.001	0.01	0.794	1.2	0.5	0.4	9.1	<0.01	<0.01	0.2	0.035	0.08	0.46	43	0.18	2.74	66.7	<0.5
E021625	1.64	0.01	0.52	11.7	0.048	20.8	9.5	<0.001	0.02	0.717	1.2	0.6	0.5	9.3	<0.01	0.01	0.2	0.037	0.11	0.65	49	0.21	2.41	57.7	<0.5
E021626	1.09	0.01	0.61	12.9	0.056	14.6	6.6	<0.001	0.01	0.728	1.4	0.5	0.3	9.1	<0.01	<0.01	0.8	0.036	0.08	0.6	34	0.2	3.06	58	<0.5
E021627	1.21	0.01	0.26	10.9	0.064	16.65	6.1	<0.001	0.02	0.599	0.6	0.3	0.3	8.6	<0.01	0.02	0.1	0.021	0.08	0.62	33	0.15	2.45	41.9	<0.5
E021628	0.9	0.01	0.37	10.7	0.049	17.05	5.7	<0.001	0.01	0.603	0.8	0.2	0.3	8.2	<0.01	0.01	0.3	0.028	0.07	0.51	31	0.15	2.41	45.5	<0.5
E021629	1.16	0.01	0.25	10.2	0.034	12.35	6.3	<0.001	0.02	0.58	0.5	0.4	0.3	7.5	<0.01	0.01	0.1	0.023	0.07	0.43	33	0.16	1.75	41.1	<0.5
E021630	1.12	0.01	0.37	11.5	0.056	11.85	6.7	<0.001	0.03	0.617	0.8	0.3	0.4	12.6	<0.01	0.02	0.1	0.028	0.08	0.57	35	0.2	2.72	50.7	<0.5
E021681	1.51	<0.01	0.56	18.1	0.06	13.9	7.3	<0.001	0.01	0.922	2.3	0.4	0.4	13.3	<0.01	0.04	1.1	0.045	0.08	0.77	44	0.23	4.86	71	<0.5
E021682	1.54	<0.01	0.85	16.9	0.055	13.95	9	<0.001	0.01	0.878	2.5	0.4	0.5	12.3	<0.01	0.03	1.6	0.043	0.11	0.69	47	0.23	3.24	67.6	<0.5
E021683	1.34	<0.01	0.76	20.3	0.06	13.7	7.6	0.001	0.01	0.966	3.7	0.5	0.4	15.8	<0.01	0.03	3.7	0.05	0.1	0.92	44	0.22	6.44	76.5	0.6
E021684	1.55	<0.01	0.34	16.5	0.059	15.4	9.6	<0.001	0.02	0.813	0.9	0.5	0.6	12.3	<0.01	0.04	0.2	0.029	0.11	0.75	49	0.26	3.35	67.2	<0.5
E021685	1.44	<0.01	0.82	17.7	0.065	14.25	9.4	<0.001	0.01	1.05	2.6	0.8	0.5	11.7	<0.01	0.04	2	0.044	0.1	0.75	47	0.23	3.67	80.1	<0.5
E021686	1.18	<0.01	0.28	6.8	0.071	13.7	4.4	<0.001	0.02	0.754	0.4	0.5	0.7	9.5	<0.01	0.01	0.1	0.024	0.08	0.57	41	0.15	2.3	26.9	<0.5
E021687	1.46	<0.01	0.94	13.4	0.042	13.15	6.3	<0.001	0.01	1.68	1.9	0.3	0.5	10.1	<0.01	0.06	1.7	0.054	0.07	0.51	46	0.23	2.62	65.8	<0.5
E021688	1.25	<0.01	0.91	20.3	0.036	14.35	6.3	<0.001	0.01	1.39	2.5	0.4	0.3	9.6	<0.01	0.04	3.5	0.047	0.09	0.65	38	0.23	3.76	79.5	0.8
E021689	1.44	<0.01	0.4	18.9	0.055	24.4	7.4	<0.001	0.01	1.21	1.5	0.6	0.4	9.8	<0.01	0.04	0.4	0.036	0.09	0.72	42	0.19	4.21	73	<0.5
E021690	1.26	<0.01	0.26	14.2	0.057	14.85	9.1	<0.001	0.02	0.848	0.8	0.8	0.4	12	<0.01	0.03	0.1	0.027	0.1	0.62	42	0.23	3.03	57.6	<0.5
E021691	1.01	<0.01	0.2	10.2	0.055	14.75	7.1	<0.001	0.01	0.663	0.5	0.1	0.4	9.3	<0.01	0.05	0.1	0.026	0.08	0.45	33	0.19	2.31	41.9	<0.5
E021692	1.24	<0.01	0.3	12.1	0.056	15.1	6.7	<0.001	0.01	0.892	0.8	0.6	0.4	9.2	<0.01	0.05	0.1	0.036	0.08	0.44	37	0.17	2.55	45.9	<0.5
E021693	1.17	<0.01	0.22	13.4	0.049	11.3	6.1	<0.001	0.01	0.834	0.6	0.7	0.3	9.5	<0.01	0.03	0.1	0.031	0.07	0.42	36	0.17	2.41	46.8	<0.5
E021694	1.13	<0.01	0.44	14.4	0.04	11.7	6.8	<0.001	0.01	0.945	1.3	0.3	0.4	9.7	<0.01	0.02	0.4	0.044	0.07	0.41	39	0.19	2.39	48.2	<0.5
E021695	1.21	<0.01	0.54	16.6	0.058	14.8	7.1	0.001	0.01	1.14	1.7	1.1	0.4	10.9	<0.01	0.04	0.9	0.046	0.06	0.56	38	0.18	3.39	60	<0.5
E021696	1.04	<0.01	0.24	12.3	0.066	17.45	6.6	<0.001	0.01	0.972	0.5	0.4	0.3	8.6	<0.01	0.05	0.1	0.027	0.09	0.5	33	0.16	2.46	43.6	<0.5
E021697	1.36	0.01	0.31	12	0.065	16.05	6.9	<0.001	0.02	1.18	0.9	0.4	0.4	8.8	<0.01	0.03	0.3	0.026	0.11	0.59	40	0.2	2.51	46.4	<0.5
E021698	1.45	0.01	0.93	11.8	0.096	15.95	10	<0.001	0.01	0.891	2.1	0.2	0.5	9.6	<0.01	0.05	1.9	0.039	0.13	0.55	57	0.26	2.61	52.4	<0.5
E021699	1.65	0.01	0.84	19.1	0.053	102.5	6.3	<0.001	0.02	2.56	2.2	0.6	0.4	9.3	<0.01	0.05	3.2	0.039	0.1	0.46	38	0.2	3.08	79.4	0.7
E021700	1.54	0.01	1.06	16.5	0.044	31.6	7.9	<0.001	0.02	1.605	2.2	0.3	0.5	9.9	<0.01	0.04	2	0.041	0.11	0.44	52	0.25	2.33	62.7	<0.5
E021701	1.24	0.01	0.39	13.7	0.055	16.15	8.3	<0.001	0.02	0.894	1.1	1	0.4	10.4	<0.01	0.06	0.3	0.03	0.1	0.63	39	0.22	3.14	69.1	<0.5
E021702	1.11	0.01	0.76	18.3	0.061	16	6.5	<0.001	0.01	0.977	2.9	0.6	0.3	12.7	<0.01	0.03	1.9	0.048	0.1	0.81	38	0.21	6.99	73.7	0.6
E021703	1.44	0.01	0.38	11.9	0.05	15.8	8.9	<0.001	0.02	0.722	0.9	0.5	0.4	11.1	<0.01	0.03	0.2	0.029	0.11	0.62	36	0.19	3.14	52	<0.5
E021704	1.32	0.01	0.39	12	0.049	17.55	8.3	<0.001	0.01	0.739	0.9	0.7	0.4	10.2	<0.01	0.04	0.3	0.029	0.13	0.56	36	0.18	2.82	51.4	<0.5
E021705	1.12	0.01	0.5	14.5	0.054	16.05	6.7	<0.001	0.01	0.822	1.5	0.2	0.4	10.2	<0.01	0.02	0.5	0.035	0.1	0.65	37	0.18	3.38	58	<0.5
E021706	1.03	0.01	0.59	14.7	0.048	15.05	5.9	<0.001	0.01	0.817	1.9	1	0.3	10.4	<0.01	0.02	0.8	0.038	0.08	0.69	34	0.18	4.03	56.3	<0.5
E021707	1.14	0.01	0.7	15.7	0.049	14.4	6.2	<0.001	0.01	0.87	2	0.5	0.4	11.2	<0.01	0.02	1.1	0.041	0.1	0.66	37	0.21	3.85	58.1	<0.5
E021708	0.89	0.01	0.42	12.1	0.047	11.75	6.1	<0.001	0.02	0.715	1.1	0.3	0.3	9.6	<0.01	0.03	0.4	0.032	0.09	0.51	31	0.16	2.71	46.8	<0.5
E021709	1.13	0.01	0.62	14.4	0.053	13.7	6.8	<0.001	0.02	0.813	1.6	0.3	0.4	11.5	<0.01	0.04	0.7	0.043	0.09	0.53	42	0.2	3.15	59.4	<0.5
E021710	1.21	0.01	0.37	13.1	0.061	14.65	7.2	<0.001	0.02	0.883	0.9	0.4	0.4	9.7	<0.01	0.02	0.2	0.031	0.09	0.61	40	0.21	2.69	53.7	<0.5
E021711	1.18	0.01	0.84	15.2	0.053	13.1	7.6	<0.001	0.01	0.854	2.3	0.2	0.4	11.1	<0.01	0.01	1.7	0.045	0.11	0.66	43	0.2	3.44	58.2	<0.5
E021712	0.89	0.01	0.58	15	0.069	11.5	6.1	<0.001	0.02	0.708	1.7	<0.1	0.3	14.8	<0.01	0.05	1	0.038	0.07	0.58	37	1.75	3.88	60	<0.5
E021713	0.81	0.01	0.66	14.4	0.057	8.82	5.6	<0.001	0.02	0.641	1.9	0.1	0.4	14.9	<0.01	0.03	1.4	0.039	0.09	0.53	36	0.18	3.37	58.6	<0.5
E021714	1.03	0.01	0.69	15.1	0.051	9.93	7.4	<0.001	0.02	0.632	2.3	0.5	0.4	13.6	<0.01	0.03	1.1	0.037	0.12	0.7	42	0.21	4.8	57.7	<0.5
E021715	0.92	0.01	0.64	16.4	0.06	10.65	7.2	<0.001	0.02	0.633	2	1	0.4	14.6	<0.01	0.01	1.1	0.039	0.11	0.67	40	0.22	3.9	59.4	<0.5
E021716	0.81	0.01	0.77	19.9	0.065	11.75	5.8	<0.001	0.01	0.792	2.6	0.8	0.4	15.1	<0.01	0.04	2.3	0.045	0.11	0.72	38	0.22	5.38	67.4	0.8
E021717	1.02	0.01	0.89	19.2	0.065	13.6	6.4	<0.001	0.02	0.762	2.5	0.4	0.4	16.2	<0.01	0.05	2.7	0.047	0.1	0.71	39	0.26	4.82	72.5	0.7
E021718	1.01	0.01	0.84	19.3	0.074	14.15	6.8	<0.001	0.02	0.861	2.4	0.8	0.4	16.8	<0.01	0.05	2.3	0.045	0.1	0.8	43	0.24	5.02	78.8	0.7
E021719	1.07	0.01	0.92	20.3	0.075	13.15	7.2	<0.001	0.01	0.809	3.1	1.1	0.4	17.1	<0.01	0.06	3.3	0.051	0.1	0.94	43	0.27	6.25	82.3	0.7
E021720	1.04	0.01	0.77	18.3	0.059	13.6	6.3	<0.001	0.02	0.763	2.4	0.5	0.4	13.9	<0.01	0.04	2.3	0.042	0.1	0.7	39	0.21	4.81	74.5	0.9
E021721	1.57	0.01	0.71	14.7	0.051	15.7	11.1	<0.001	0.04	0.716	1.6	0.3	0.6	10.6	<0.01	0.07	0.4	0.045	0.13	0.63	63	0.3	2.95	69.7	<0.5
E021722	1.49	0.01	0.61	17.7	0.065	19.95	9.8	<0.001	0.02	0.847	1.9	0.4	0.5	13.9	<0.01	0.04	0.7	0.033	0.14	0.76	48	0.24	4.02	74.9	<0.5
E021723	1.15	0.01	0.66	15.8	0.054	14.55	6.1	<0.001	0.02	0.826	2.2	0.4	0.3	14.1	<0.01	0.03	1.6	0.039	0.08	0.64	35	0.19	4.4	73.2	<0.5
E021724	1.39	0.01	0.59	15.4	0.073	17.9	8.2	<0.001	0.03	0.897	1.8	0.3	0.4	16.8	<0.01	0.02	0.8	0.035	0.09	0.57	40	0.23	2.94	70.6	<0.5
E021725	2.12	0.01	0.36	18.5	0.12	27.7	9.8	<0.001	0.06	1.05	1.1	0.6	0.5	21.4	<0.01	0.03	0.2	0.024	0.16	0.9	54	0.26	3.71	104.5	<0.5
E021726	2.33	0.01	0.47	17.3	0.074	21.8	13	<0.001	0.04	1.05	1.3	0.3	0.6	16.2	<0.01	0.04	0.2	0.031	0.16	0.69	54	0.26	4.08	104	<0.5

METHOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
UNIT	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
E021727	1.71	0.01	0.74	19.7	0.075	21.6	6.4	<0.001	0.02	1.1	2.3	1.1	0.3	14.6	<0.01	0.04	2.3	0.041	0.1	0.76	37	0.19	4.95	84.8	0.5
E021728	1.56	0.01	0.75	18.9	0.073	22.3	6.7	<0.001	0.01	1.06	2.6	0.7	0.4	14.9	<0.01	0.06	2.4	0.046	0.09	0.79	38	0.21	6.17	96	<0.5
E021761	1.23	0.01	0.64	16.1	0.052	36.2	6.1	<0.001	0.02	1.45	1.9	0.5	0.3	8.4	<0.01	0.02	0.9	0.037	0.07	0.46	40	0.24	4.21	71	<0.5
E021762	1.06	0.01	0.52	13.3	0.056	29.7	7.8	<0.001	0.03	0.78	1.1	0.5	0.4	10.7	<0.01	0.03	0.2	0.029	0.09	0.66	38	0.21	2.47	55.3	<0.5
E021763	1.16	0.01	0.45	12.1	0.076	23.5	8.7	0.001	0.03	0.713	1.2	0.2	0.3	9.2	<0.01	0.03	0.2	0.03	0.1	0.71	38	0.2	3.69	44.7	<0.5
E021764	1.25	0.01	0.93	16.1	0.057	26.6	9.9	0.001	0.01	0.884	2.7	0.5	0.4	9.6	<0.01	0.02	2.1	0.044	0.09	0.57	44	0.23	3.55	67.2	<0.5
E021765	1.46	0.02	0.6	26.4	0.082	34.8	13	<0.001	0.03	1.34	2.1	0.7	0.5	25.1	<0.01	0.04	0.4	0.029	0.1	0.74	44	0.23	10.7	124	<0.5
E021766	1.32	0.01	0.51	10.3	0.054	22.1	6.7	0.001	0.02	1.195	1.1	0.1	0.5	8.6	<0.01	0.03	0.2	0.037	0.09	0.31	54	0.22	1.71	58	<0.5
E021767	1.58	0.01	0.48	18	0.082	29.2	11.4	0.001	0.05	1.07	1.1	0.7	0.5	12	<0.01	0.04	0.2	0.026	0.12	0.69	48	0.24	4.84	71.7	<0.5
E021768	1.09	0.01	0.28	12.1	0.049	16.95	6.2	<0.001	0.02	0.923	0.5	0.3	0.3	10.3	<0.01	0.02	0.1	0.025	0.07	0.39	35	0.18	2.31	42.2	<0.5
E021769	1.68	<0.01	0.65	17.4	0.109	48.4	15.2	<0.001	0.04	1.11	2	0.9	0.5	19.2	<0.01	0.06	0.5	0.024	0.16	1.23	37	0.22	7.03	65.9	<0.5
E021770	2.03	<0.01	0.43	20.3	0.104	41.1	10.1	<0.001	0.04	1.53	1.6	2.3	0.5	18.7	<0.01	0.03	0.4	0.02	0.15	1.66	42	0.23	9.69	98.7	<0.5
E021771	1.24	<0.01	0.45	16.6	0.069	17	4.5	<0.001	0.02	2.1	1.6	0.6	0.2	14.7	<0.01	0.04	1.3	0.025	0.1	0.76	28	0.17	3.72	57.7	<0.5
E021772	1.29	<0.01	0.41	16.2	0.072	14.4	5.6	<0.001	0.04	1.95	1.2	0.5	0.2	22.4	<0.01	0.05	0.6	0.022	0.08	0.9	31	0.16	3.01	57.8	<0.5
E021773	1.15	<0.01	0.4	18.1	0.065	12.55	3.8	0.001	0.02	2.19	1.8	1	0.2	14.4	<0.01	0.03	2.1	0.023	0.05	1	24	0.12	3.99	58	0.7
E021774	1.01	<0.01	0.37	19.5	0.054	11.15	3.3	0.001	0.02	2.61	1.8	0.7	<0.2	12.8	<0.01	0.04	2.2	0.023	0.05	1.57	21	0.1	4.01	73.2	0.8
E021775	1.43	<0.01	0.6	6.8	0.022	17.45	4.2	<0.001	0.01	1.71	0.8	0.4	0.6	5.6	<0.01	0.04	0.5	0.063	0.08	0.32	43	0.15	1.4	27.2	<0.5
E021776	1.36	<0.01	0.61	15.7	0.045	17	8	<0.001	0.01	1.15	1.7	0.3	0.4	10.6	<0.01	0.04	0.5	0.047	0.1	0.48	50	0.25	3.03	63.7	<0.5
E021777	1.26	<0.01	0.3	11.4	0.032	13.75	6.3	<0.001	0.01	0.969	0.7	0.3	0.4	8.4	<0.01	0.04	0.1	0.034	0.08	0.45	38	0.2	2.34	44.4	<0.5
E021778	1.06	<0.01	0.29	10.6	0.043	16.8	5.2	<0.001	0.01	0.882	0.7	0.4	0.3	7.5	<0.01	0.04	0.1	0.034	0.08	0.4	36	0.15	2.18	43	<0.5
E021779	0.85	<0.01	0.1	6.6	0.074	11.3	5	<0.001	0.02	0.509	0.2	0.1	0.4	7.4	<0.01	0.04	0.1	0.011	0.09	0.42	24	0.12	1.58	27	<0.5
E021780	0.84	<0.01	0.38	11.8	0.053	15.05	4.9	0.001	0.01	1.095	1	0.7	0.3	8.9	<0.01	0.03	0.4	0.035	0.08	0.4	30	0.15	3.17	59.9	<0.5
E021781	0.96	<0.01	0.16	11.5	0.052	16.7	6.5	<0.001	0.02	0.791	0.4	0.5	0.3	9.3	<0.01	0.02	0.1	0.022	0.08	0.48	32	0.17	2.87	65.7	<0.5
E021782	1.18	<0.01	0.34	13.8	0.069	17.15	9	<0.001	0.02	0.758	0.9	0.7	0.5	11.1	<0.01	0.04	0.1	0.029	0.12	0.65	40	0.19	3.04	66.1	<0.5
E021783	1.55	<0.01	0.65	15	0.043	15.95	9.2	0.001	0.01	1.09	1.7	0.4	0.4	10.7	<0.01	0.05	0.5	0.043	0.09	0.61	48	0.21	3.63	74.9	<0.5
E021784	1.55	<0.01	0.96	7.7	0.074	13.65	5.7	<0.001	0.02	0.665	1.3	0.6	0.8	11.3	<0.01	0.05	0.8	0.049	0.09	0.43	61	0.27	1.64	36.9	<0.5
E021785	1.97	<0.01	1.69	13.7	0.045	19.3	9.6	0.001	0.02	0.98	2.9	0.8	0.7	8.6	<0.01	0.09	3.1	0.054	0.18	0.56	73	0.32	2.33	60.5	0.9
E021786	1.82	<0.01	0.6	11.2	0.051	30.6	9.7	<0.001	0.03	1.545	1.4	0.6	0.5	16.4	<0.01	0.06	0.3	0.041	0.12	0.58	45	0.31	3.28	66.4	<0.5
E021787	1.4	<0.01	0.81	19.7	0.073	57.5	7.5	0.001	0.02	1.565	2.8	0.7	0.4	18.2	<0.01	0.05	1.7	0.046	0.14	0.83	42	0.26	5.95	96	<0.5
E021788	1.47	<0.01	0.77	17.5	0.066	30.3	6	<0.001	0.02	1.21	1.8	0.6	0.3	14.9	<0.01	0.03	1.1	0.046	0.1	0.62	45	0.29	3.88	84.8	0.5
E021789	1.2	<0.01	0.65	19.5	0.068	21.2	7.7	<0.001	0.01	1.2	2.7	0.6	0.4	15.5	<0.01	0.04	1.3	0.044	0.1	0.8	43	0.22	6.84	87.1	0.6
E021790	1.56	<0.01	0.75	15.6	0.066	29.1	9.6	<0.001	0.02	1.53	2.1	0.9	0.5	14.3	<0.01	0.04	0.6	0.043	0.13	0.81	47	0.24	3.78	92.3	<0.5
E021791	2.6	0.01	0.68	27.5	0.152	46.8	13	<0.001	0.1	2.97	2.3	1.1	0.6	29	<0.01	0.08	0.3	0.034	0.22	2.2	62	0.37	11.4	205	<0.5
E021792	1.33	<0.01	0.41	15.7	0.103	26.1	11.8	0.001	0.05	1.29	1.1	0.4	0.4	16.1	<0.01	0.06	0.1	0.03	0.12	0.9	40	0.21	7.78	116.5	<0.5
E021793	1.64	<0.01	0.51	17.5	0.089	29.2	9.7	<0.001	0.04	1.94	2	0.8	0.4	17.3	<0.01	0.06	0.3	0.038	0.12	1.04	45	0.3	5.74	130.5	<0.5
E021794	1.27	0.01	0.14	7.1	0.121	24.3	5.9	<0.001	0.09	0.871	0.2	1	0.5	9.6	<0.01	0.05	0.1	0.011	0.1	0.46	38	0.19	2.14	53.1	<0.5
E021795	2.25	<0.01	0.73	28.4	0.102	77.6	12.9	<0.001	0.05	3.26	3.4	1.2	0.7	28.4	<0.01	0.08	1	0.039	0.25	1.39	64	0.36	8.7	252	<0.5
E021796	1.17	<0.01	0.28	12.5	0.073	21.8	7.5	<0.001	0.04	1.09	0.8	0.3	0.3	14.4	<0.01	0.03	0.2	0.027	0.09	0.63	33	0.2	4.27	72.2	<0.5
E021797	2.49	<0.01	1.21	15	0.068	55.8	13.8	0.001	0.03	1.27	3.1	1	0.7	12.3	<0.01	0.08	1.6	0.05	0.19	1.11	70	0.33	3.38	80.3	<0.5
E021798	1.21	<0.01	0.61	15.5	0.067	16.7	7.7	<0.001	0.02	1.135	1.6	0.6	0.4	11.4	<0.01	0.04	0.6	0.039	0.11	0.66	43	0.3	3.66	78.4	<0.5
E021799	1.45	<0.01	0.4	12.9	0.062	17.4	9.2	<0.001	0.03	0.848	0.9	0.5	0.5	9.9	<0.01	0.07	0.1	0.033	0.12	0.66	48	0.27	3.17	71.3	<0.5
E021800	1.13	<0.01	0.42	13.1	0.057	20.1	5.7	<0.001	0.02	0.856	1	0.2	0.5	10.5	<0.01	0.05	0.3	0.037	0.11	0.47	47	0.24	3.18	87.1	<0.5
E021881	1.31	<0.01	0.84	18.7	0.075	22.7	8.6	<0.001	0.02	0.986	2.8	0.5	0.5	16.4	<0.01	0.03	2.1	0.046	0.09	0.83	44	0.26	6.42	137.5	0.5
E021882	1.57	<0.01	0.56	14.5	0.06	25	10.1	<0.001	0.03	0.793	1.5	0.8	0.5	13	<0.01	0.05	0.4	0.036	0.11	0.7	42	0.27	4.71	84.6	<0.5
E021883	2.99	<0.01	0.56	11.3	0.051	21.6	11	<0.001	0.03	0.814	1	0.3	0.6	9.7	<0.01	0.05	0.3	0.04	0.15	0.54	55	0.27	2.43	58.5	<0.5
E021884	1.65	<0.01	0.48	10.7	0.046	17.15	7.8	<0.001	0.03	0.662	1	0.2	0.5	11.6	<0.01	0.04	0.2	0.032	0.11	0.55	38	0.19	2.34	57.9	<0.5
E021885	1.7	<0.01	0.71	13.4	0.045	15.5	8.5	<0.001	0.03	0.861	1.6	0.5	0.4	11	<0.01	0.01	0.8	0.036	0.11	0.61	41	0.24	2.69	60.2	<0.5
E021886	1.58	<0.01	0.22	9.3	0.058	17.45	10	<0.001	0.04	0.668	0.3	0.2	0.5	10.6	<0.01	0.04	<0.1	0.018	0.1	0.6	40	0.19	1.79	44.1	<0.5
E021887	1.55	<0.01	0.47	13.8	0.044	16.65	7.4	<0.001	0.02	0.685	1.1	0.3	0.5	11	<0.01	0.01	0.3	0.032	0.1	0.53	38	0.18	2.22	49.3	<0.5
E021888	1.3	<0.01	0.36	10.5	0.049	21.4	8.7	<0.001	0.03	0.564	0.8	<0.1	0.5	11.2	<0.01	0.03	0.1	0.024	0.12	0.75	36	0.16	2.1	42	<0.5
E021889	1.51	0.01	0.54	12.2	0.048	15.25	8.4	<0.001	0.03	0.641	1.2	0.1	0.4	10.7	<0.01	0.02	0.3	0.032	0.08	0.62	35	0.18	2.04	47.1	<0.5
E021890	1.13	<0.01	0.36	13.3	0.05	13.95	6.9	<0.001	0.02	0.717	0.8	0.1	0.3	11	<0.01	0.05	0.2	0.03	0.1	0.5	35	0.16	2.46	52.6	<0.5
E021891	1.4	<0.01	0.32	11	0.048	13.8	8.2	<0.001	0.02	0.714	0.8	0.4	0.4	9.7	<0.01	<0.01	0.1	0.029	0.1	0.53	36	0.17	1.87	42.3	<0.5
E021892	1.45	<0.01	0.52	12.4	0.033	15.55	7.1	<0.001	0.02	0.733	1.2	<0.1	0.5	9.6	<0.01	0.01	0.2	0.036	0.09	0.52	42	0.19	2.09	51.3	<0.5
E021893	1.38	<0.01	0.67	16.1	0.057	19.3	8	<0.001	0.02	0.933	2	0.6	0.4	11.1	<0.01	0.05	0.8	0.036	0.11	0.79	45	0.22	3.83	67.4	<0.5
E021894	1.24	<0.01	0.35	13.7	0.057	16.9	7.6	<0.001	0.02	0.656	0.9	0.2	0.5	10.6	<0.01	0.02	0.2	0.026	0.11	0.66	40	0.17	2.69	53.7	<0.5
E021895	1.28	0.01	0.46	15.1	0.053	16.55	8.3	<0.001	0.02	0.748	1.4	0.3	0.4	12.1	<0.01	0.01	0.3	0.034	0.12	0.63	46	0.21	2.6	59.6	<0.5
E021896	1.05	0.01	0.68	16.6	0.072	24.2	7.1	<0.001	0.02	0.757	2.2	0.1	0.4	14.3	<0.01	0.04	1.4	0.037	0.11	0.7	41	0.25	4.15	76.7	0.5
E021897	1.13	0.01	0.54	14.3	0.068	22.8	6.9	<0.001	0.02	0.666	1.7	<0.1	0.4	13.2	<0.01	0.03	0.8	0.034	0.08	0.58	39	0.24	3.24	69.4	0.5
E021898	1.31	0.01	0.56	16.9	0.078	32.1	6.1	0.001	0.04	0.78	2	0.4	0.4	14.3	<0.01	0.01	0.7	0.034	0.1	0.66	45	0.23	3.71	83.3	<0.5
E021899	1.25	0.01	0.54	17.1	0.075	30.8	8.9	<0.001	0.03	0.771	1.6	<0.1	0.5	13.9	<0.01	0.03	0.6	0.035	0.09	0.66	42	0.27	3.72	90.6	<0.5
E021900	1.15	0.01	0.69	19.7	0.078	39.3	7.4	<0.001	0.02	0.924	2.6	0.4	0.4	15.2	<0.01	0.02	1.6	0.042	0.1	0.89	40	0.24	5.11	107	<0.5
E021901	1.13	<0.01	0.61	18.2	0.069	32.4	4.8	<0.001	0.02	1.025	2	<0.1	0.3	13.4	<0.01	0.02	1.6	0.037	0.06	0.67	36	0.21	3.9	86.2	0.5
E021902	1.53	<0.01	0.28	7	0.047	50.6	9.5	<0.001	0.04	0.663	0.4	0.2	0.7	13.6	<0.01	0.05	0.1	0.027	0.13	0.47	47	0.17	2.23	77.7	<0.5
E021903	1.65	0.01	0.86	10.2	0.05	66.8	9.2	<0.001	0.04	0.929	1.5	0.2	0.7	12	<0.01	0.08	0.4	0.046	0.13	0.64	69	0.26	2.83	81.7	<0.5
E021904	1.61	0.01	0.59	21.6	0.074	73.3	7.3	<0.001	0.03	1.145	2.1	0.4	0.4	11.6	<0.01	0.02	1.3	0.039	0.11	0.84	44	0.24	5.51	149.5	<0.5
E021905	1.29	<0.01	0.55	13.2	0.061	49.6	7.8	<0.001	0.03	0.797	1.4	<0.1	0.6	12.4	<0.01	0.02	0.4	0.037	0.13	0.6	43	0.22	3.06	93.7	<0.5
E021906	1.27	<0.01	0.53	16.8	0.072	75.1	8.7	<0.001	0.02	1.025	1.6	<0.1	0.5	14.6	<0.01	0.02	0.7	0.038	0.11	0.7	44	0.21	3.83	123	<0.5
E021907	1.04	0.01	0.57	18.9	0.076	80.6	8.2	0.001	0.02	1.415	2.7	0.3	0.5	15.2	<0.01	0.04	1.3	0.043	0.12	1.03	44	0.21	6.69	134	<0.5
E021908	1.67	0.01	0.56	21.7	0.102	39.7	8.1	<0.001	0.07	1.14	1.7	0.7	0.6	16.3	<0.01	0.03	0.3	0.031	0.18	1.01	53	0.25	5.42	131.5	<0.5
E021909	1.52	<0.01	0.4	17.9	0.079	34.4	8.8	<0.001	0.03	0.935	1.4	0.4	0.5	12.8	<0.01	0.04	0.3	0.031	0.1	0.77	46	0.21	3.79	99.2	<0.5
E021910	1.72	0.01	0.4	15	0.078	33.1	10	0.001	0.05	0.893	1.1	0.2	0.6	12.9	<0.01	0.02	0.2	0.03	0.17	0.73	55	0.22	3.3	87.8	<0.5
E021911	1.31	<0.01	0.75	16.8	0.063	33.4	6.8	<0.001	0.02	0.923	2.1	<0.1	0.4	12.6	<0.01	0.03	1.5	0.036	0.1	0.64	38	0.23	3.53	84.4	0.5
E021912	1.67	<0.01	0.6	19.6	0.073	42.9	7.5	<0.001	0.03	1.205	2	<0.1	0.4	13.5	<0.01	0.03	0.9	0.035	0.1	0.74	39	0.2	4.94	121	<0.5
E021913	1.5	<0.01	0.57	18	0.064	29.2	8.7	<0.001	0.02	0.969	1.7	0.2	0.4	13	<0.01	0.02	0.7	0.036	0.09	0.63	42	0.2	3.69	90.6	<0.5
E021914	2.3	0.01	0.71	24	0.105	31.3	8.4	<0.001	0.05	1.355	2.8	0.3	0.4	19.1	<0.01	0.04	0.9	0.034	0.14	1.16	52	0.26	7.3	103	<0.5

METHOD	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
SAMPLE	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
UNIT	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
E021915	1.25	<0.01	0.59	18.6	0.074	33.3	6.8	<0.001	0.02	1.59	2.1	0.3	0.3	13.5	<0.01	0.06	1.2	0.036	0.08	0.71	36	0.23	4.94	95.7	<0.5
E021916	1.51	<0.01	0.29	21.3	0.078	40.7	5.7	<0.001	0.02	2.46	1.3	0.7	0.3	11.9	<0.01	0.04	0.3	0.025	0.1	0.75	34	0.18	4.51	111.5	<0.5
E021917	1.91	0.01	0.2	12.8	0.114	32.4	13.5	<0.001	0.06	0.751	0.3	0.4	0.6	21.1	<0.01	0.01	<0.1	0.014	0.12	0.93	25	0.21	2.79	69.3	<0.5
E021918	0.66	0.01	0.08	2.4	0.047	4.15	3.3	<0.001	0.03	0.228	0.2	<0.1	0.4	5.9	<0.01	0.01	<0.1	0.014	0.06	0.19	10	0.06	0.62	19.5	<0.5
E021919	2.79	0.01	0.66	28.3	0.126	42.4	10.6	<0.001	0.08	1.85	2.5	0.9	0.5	20.6	<0.01	0.04	0.4	0.032	0.16	1.37	56	0.3	8.39	139	<0.5
E021920	1.42	<0.01	0.72	21	0.078	25.6	6	<0.001	0.01	1.05	2.4	0.2	0.3	15.4	<0.01	0.01	2.2	0.046	0.08	0.75	37	0.26	4.96	99.8	0.5

APPENDIX 6

STATEMENT OF QUALIFICATIONS

Al McOnie

I, Alan McOnie of 694 SH2, RD1, Katikati, New Zealand
DO HEREBY CERTIFY:

THAT, I am a VP Exploration and Qualified Person with Alexco Resource Corp., 1150-200 Granville Street, Vancouver, BC, V6C 1S4.

THAT, I have practiced my profession with various mining companies in Canada, New Zealand, Australia, United States, Mexico, and China for over 36 years.

THAT, I am graduate in geology holding a BSc (Hons) from the University of Otago, New Zealand and a MSc from the University of Toronto, Canada.

THAT, I am a member of the Society of Economic Geologists.

THAT, I am a Fellow of the Australasian Institute of Mining and Metallurgy.

THAT, this report is based on work which I personally managed during the year 2012.

THAT, I have no interest in the property described herein, nor do I expect to receive any such interest.

DATED at Katikati, New Zealand this 15th day of February, 2013.

Al McOnie