

2012 ASSESSMENT REPORT

Property Comprising the Following Claims:

Forest Group of Claims

Comprising the Forest, Ivan, Bell York, Ada, Yukon, Bob Claims

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

Latitude: 63.962° N
Longitude: 135.258° W

PREPARED FOR:

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and

PREPARED BY:

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DATES WORK PERFORMED: August 11- 18, 2012

DATE OF REPORT: May 26, 2013

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1.0 SUMMARY

During August 2012, one hundred and forty nine soil samples were collected within the Forest Group of quartz claims on Keno Hill.

Several of the samples 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 Elsa Reclamation & Development Company Ltd. between and 11 - 18 August 2012 over the Forest Group of 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 claim group where interlayered greenstone and graphitic schist occur below a line of steep bluffs defined by a massive band of greenstone outcrop within the Earn Group sequence.

3.0 LOCATION AND ACCESS

The quartz claims on which assessment work was conducted are held under the name of Elsa Reclamation & Development Company Ltd. 100%. The property is located in the Keno 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, then by formed historic mining road past the Sadie Ladue Mine and old Wernecke town site.

The ground lies between 1,175 and 1,430 metres in elevation on the northern slopes of Keno Hill at about the level of tree line, in the area east of the old Sadie Ladue Mine and towards Gambler Gulch.

The base of operations for Alexco is the abandoned company town of Elsa which contains camp and office facilities.



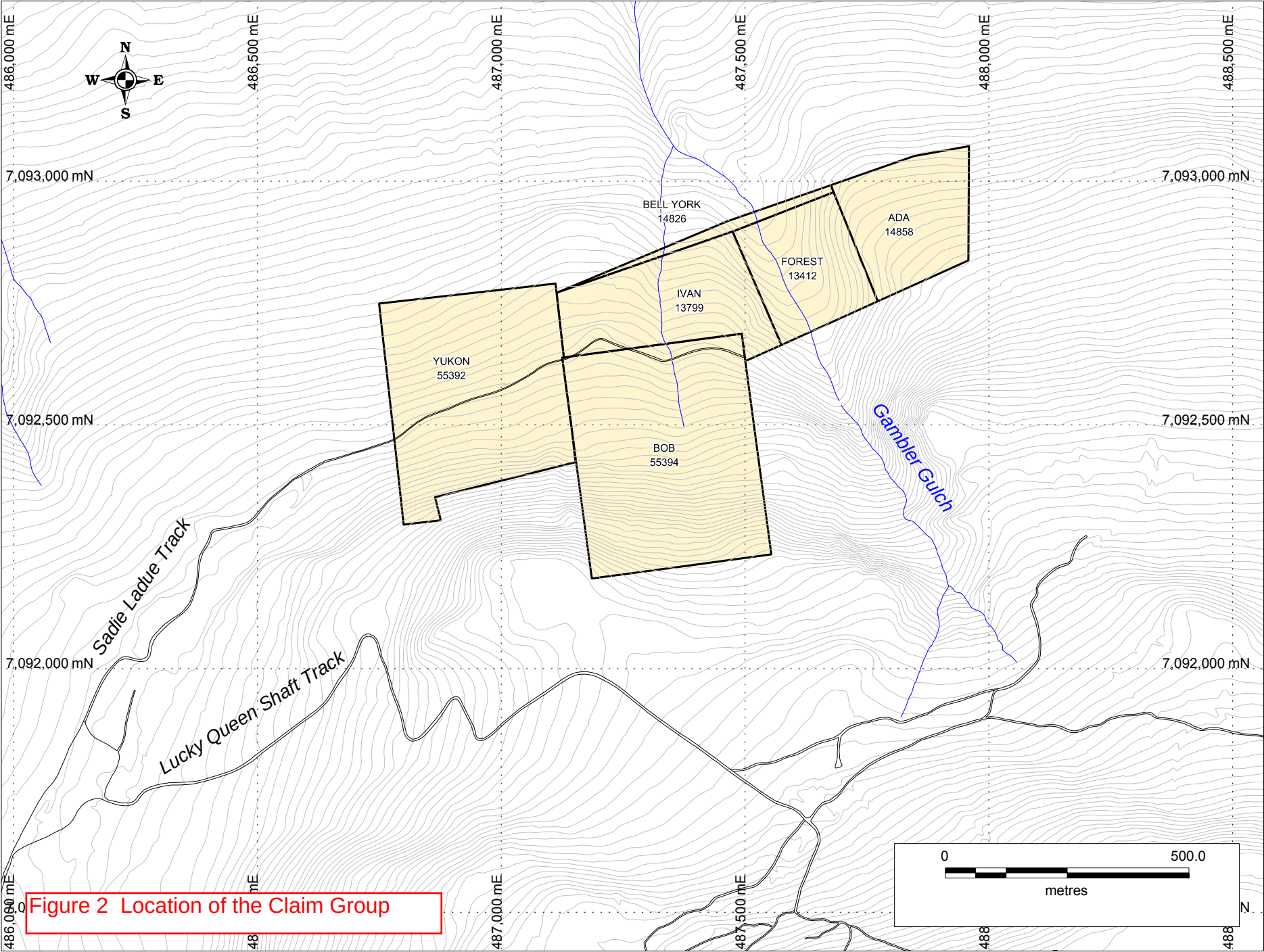


Figure 2 Location of the Claim Group

5.0 REGIONAL GEOLOGY

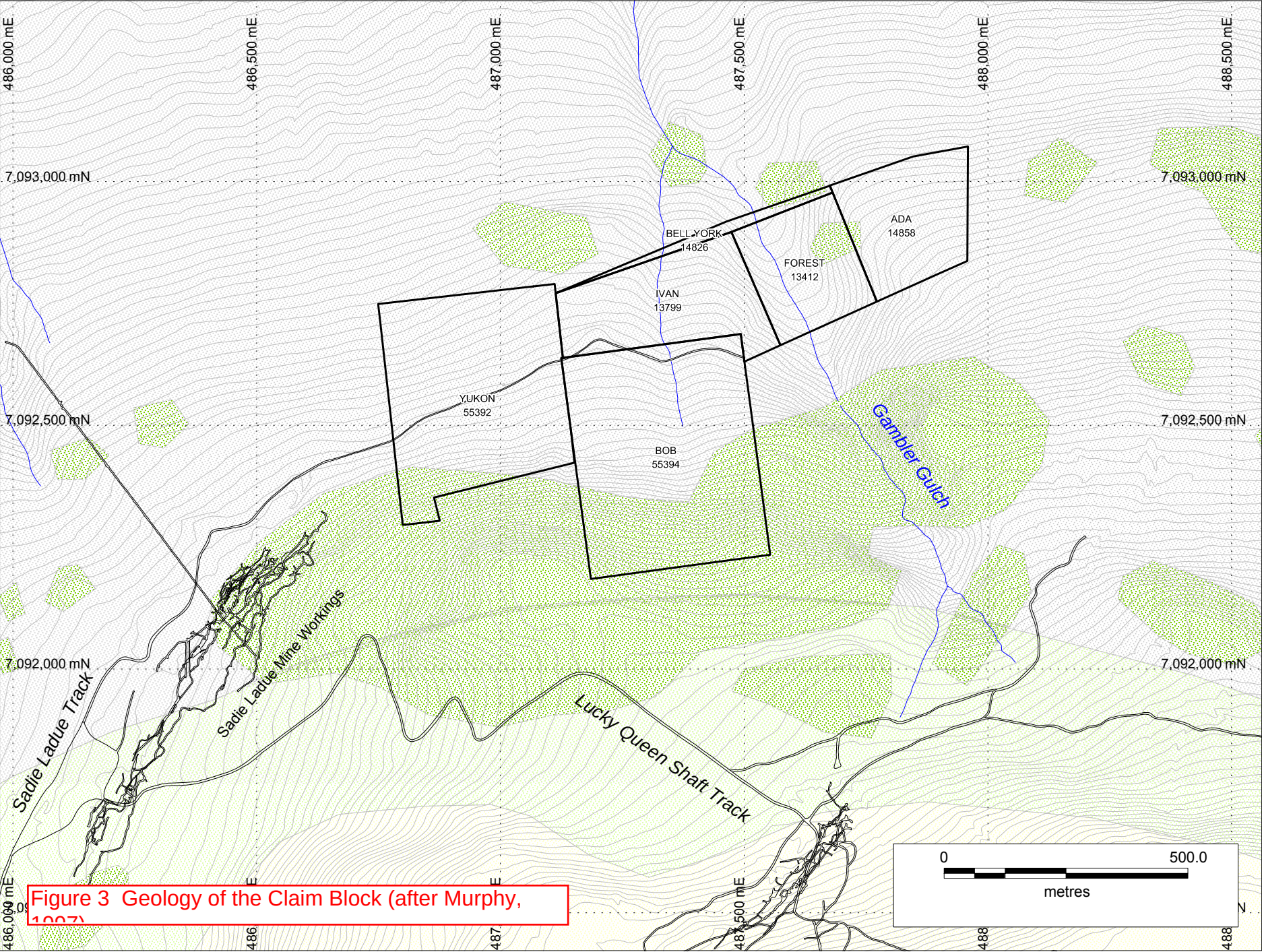
The property is situated within the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed sediments accumulated at the edge of the Neoproterozoic to Paleozoic continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces 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 Devonian - Mississippian Earn Group and Triassic greenstone.

6.0 PROPERTY GEOLOGY

The claim block is located on the lower limb of a regional synformal fold structure with Keno Hill Quartzite, as exposed on Keno Hill, located in the core. Detailed geological mapping by Alexco has identified the area to lie in a graphitic schist unit of the Earn Group that also contains a number of thick greenstone bands, just below the lower contact of the Basal Quartzite Member. As this mapping is still in progress in this area, the geology shown in Figure 3 is from Murphy, 1997, with the Legend in Figure 4.

The area essentially lies along strike northeast of the mine workings on the Sadie Ladue vein-fault, and it contains a number of historic prospect trenches and clearings on Yukon, Ivan and Bell York claims in an area known as the Lake Prospect.



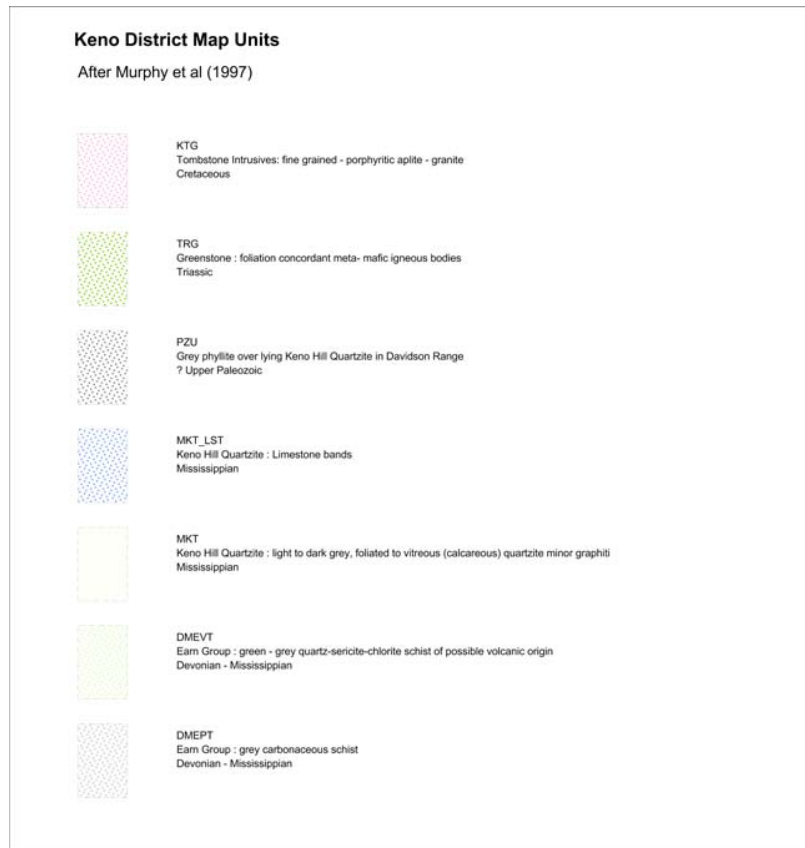


Figure 4 Geological Legend (from Murphy, 1997)

7.0 2012 SOIL SAMPLING WORK PROGRAM

During the 2012 field season, a total of one hundred and forty nine soil samples were collected at 20 metre intervals along a series of nine north northwest – south southeast lines spaced at 100 metre intervals in the northern part of the claim block. The work was undertaken by Alexco Resource Corp. geologists and the program was designed to investigate the possible northeast strike extent of the mineralized Sadie Ladue vein-fault system that produced 12.7 million ounces silver.

Previously, Alexco had reported the results of a soil sampling program on the same claims (Anderson et al, 2008). This survey had identified one anomalous silver – lead site and several that were elevated in copper and recommended further soil sampling at closer sample spacing.

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, WH12207126) 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, antimony, lead or zinc values are shown in Figure 6.

This shows a concentration of anomalous geochemistry along Gambler Gulch that are likely related to some form of alluvial dispersion. A more significant multi-element anomaly occurs on the northern margin of the Ivan Claim, and this requires follow up exploration. Two multi-element silver – lead anomalies, also with some downslope dispersion of silver, occur on the Forest Claim and require some follow up investigation.

Isolated lead – silver anomalies appear to be spatially related to the formed track that runs along the contour in the Yukon, Bob and Ivan claims and these are possibly related to historic traffic on this track that may have involved the moving of prospectors samples.

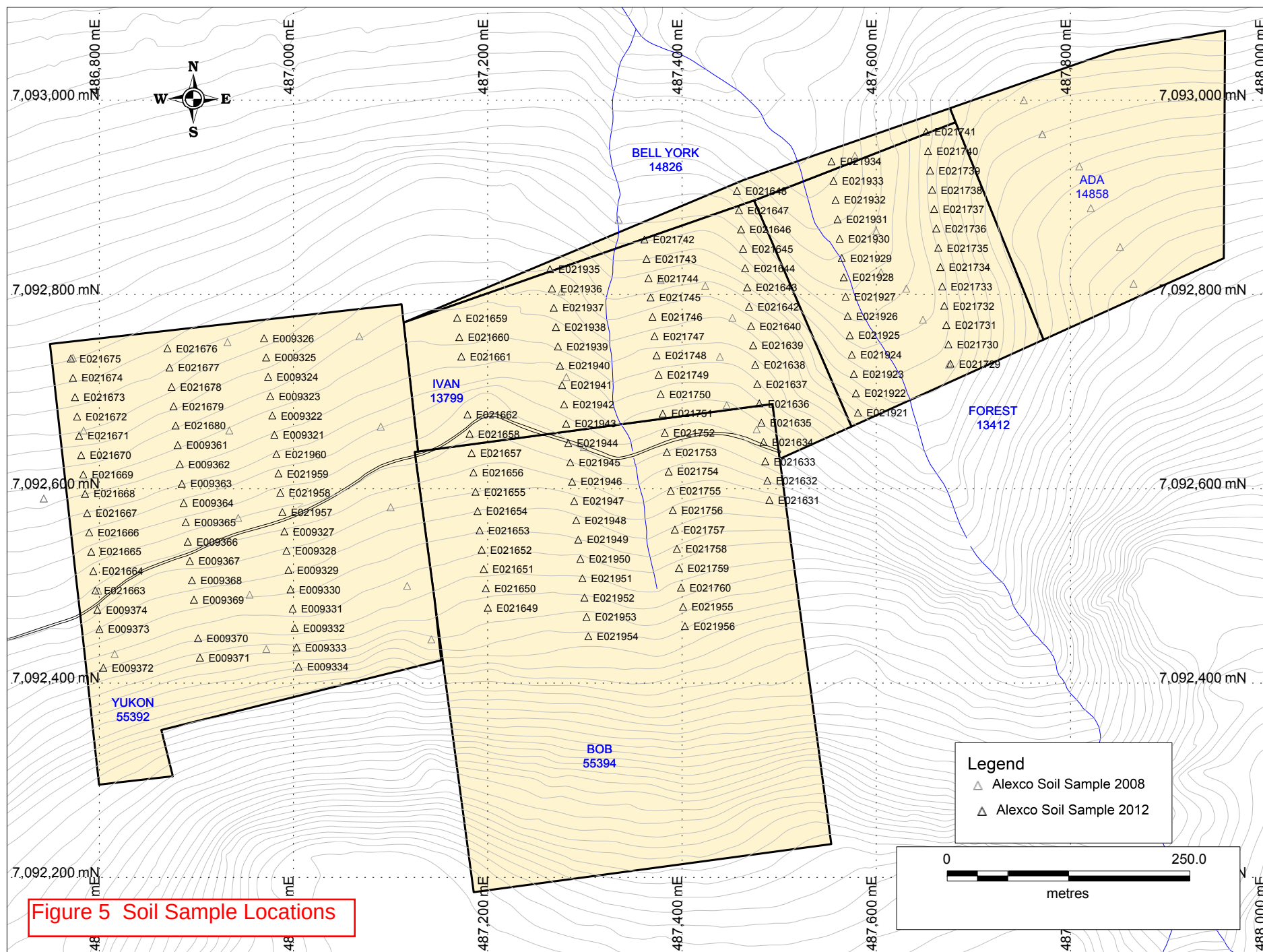
8.0 CONCLUSIONS AND RECOMMENDATIONS

The results from the soil sampling identifies areas at the historic Lake Prospect on the Ivan claim and Forest claim where geochemical anomalies may relate to potentially mineralized structures occurring along strike on the Sadie Ladue mineralized vein-fault system. These areas require further exploration.

Table 1 Range of Geochemical Values from Soil Survey

Element	Count	Min	Max	Mean	Range	SD	Percentile 25	Percentile 50	Percentile 75	Percentile 90
Au_MS_ppm	185	0.0002	0.0661	0.00	0.07	0.01	0.00	0.00	0.00	0.00
Au_FA_ppm	185	0.01	0.1	0.03	0.09	0.02	0.01	0.02	0.03	0.05
Ag_ppm	185	0.067	11.15	0.90	11.08	1.65	0.32	0.47	0.70	1.45
Al_%	185	0.2	7.5	2.29	7.26	2.02	1.19	1.46	1.87	6.18
As_ppm	185	3.39	152.5	21.76	149.11	19.50	11.65	15.40	24.00	40.10
Ba_ppm	185	26.6	1160	318.28	1133.40	290.75	137.50	215.00	290.00	876.00
Be_ppm	185	0.11	2	0.56	1.89	0.45	0.30	0.36	0.53	1.30
Bi_ppm	185	0.07	3	0.22	2.93	0.24	0.17	0.19	0.22	0.25
Ca_%	185	0.09	2.62	0.70	2.53	0.40	0.40	0.63	0.87	1.26
Cd_ppm	185	0.1	5.53	0.54	5.43	0.64	0.26	0.38	0.57	0.92
Ce_ppm	185	2.59	94.6	28.78	92.01	8.48	24.30	28.30	31.70	36.82
Co_ppm	185	2.6	27	13.72	24.40	4.14	11.10	13.60	16.00	19.00
Cr_ppm	185	2.9	82	34.64	79.10	19.98	21.30	28.00	43.80	70.00
Cs_ppm	185	0.21	8.86	2.23	8.65	1.37	1.32	2.00	2.59	3.72
Cu_ppm	185	12.85	316	67.14	303.15	46.60	37.40	53.00	78.00	134.00
Fe_%	185	0.43	5.66	2.99	5.23	0.71	2.50	2.85	3.32	3.80
Ga_ppm	185	0.46	20	6.30	19.54	4.81	3.48	4.75	7.06	10.00
Ge_ppm	185	0.05	0.15	0.06	0.10	0.01	0.05	0.05	0.05	0.07
Hf_ppm	185	0.02	0.22	0.04	0.20	0.03	0.02	0.03	0.06	0.08
Hg_ppm	185	0.018	0.204	0.06	0.19	0.03	0.05	0.06	0.07	0.09
In_ppm	185	0.006	0.063	0.02	0.06	0.01	0.02	0.02	0.03	0.03
K_%	185	0.01	2.14	0.33	2.13	0.59	0.04	0.05	0.06	1.42
La_ppm	185	1.3	44.6	17.90	43.30	7.88	12.90	15.30	19.60	30.00
Li_ppm	185	0.3	26.2	15.03	25.90	4.55	13.10	15.80	18.10	19.86
Mg_%	185	0.13	2.15	0.73	2.02	0.37	0.50	0.63	0.94	1.29
Mn_ppm	185	141	1990	622.95	1849.00	358.70	357.00	556.00	768.00	1152.00
Mo_ppm	185	1	24	3.18	23.00	2.16	2.17	2.90	3.59	4.87
Na_%	185	0.01	2.11	0.27	2.10	0.51	0.01	0.01	0.01	1.16
Nb_ppm	185	0.05	1.42	0.54	1.37	0.24	0.38	0.55	0.68	0.78
Ni_ppm	185	10.7	65.9	27.22	55.20	8.22	21.90	26.00	30.00	35.96
P_%	185	0.052	0.296	0.12	0.24	0.04	0.10	0.11	0.13	0.16
Pb_ppm	185	3.35	208	29.54	204.65	29.02	16.80	20.60	27.00	51.80
Rb_ppm	185	0.7	16.8	8.75	16.10	3.35	6.70	8.50	11.00	13.20
Re_ppm	185	0.001	0.004	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S_%	185	0.01	0.6	0.05	0.59	0.05	0.03	0.05	0.06	0.08
Sb_ppm	185	0.408	13.8	1.81	13.39	2.24	0.71	1.00	1.71	4.32
Sc_ppm	185	0.7	16	5.06	15.30	4.14	2.50	3.20	4.80	13.00
Se_ppm	185	0.2	11.3	1.22	11.10	0.98	0.90	1.10	1.30	1.60

Sn_ppm	185	0.2	3.3	0.35	3.10	0.27	0.30	0.30	0.40	0.40
Sr_ppm	185	7.7	175	45.62	167.30	45.48	19.70	25.60	34.00	137.20
Ta_ppm	185	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01
Te_ppm	185	0.01	0.08	0.03	0.07	0.01	0.02	0.03	0.04	0.05
Th_ppm	185	0.2	20	2.95	19.80	2.48	1.90	2.30	3.35	4.90
Ti_%	185	0.001	0.60	0.10	0.60	0.14	0.02	0.04	0.06	0.38
Tl_ppm	185	0.02	0.26	0.12	0.24	0.04	0.09	0.12	0.14	0.17
U_ppm	185	0.21	10.95	1.75	10.74	1.90	1.03	1.30	1.67	2.20
V_ppm	185	3	182	56.69	179.00	37.33	32.00	45.00	69.00	117.00
W_ppm	185	0.04	0.66	0.19	0.62	0.09	0.14	0.18	0.23	0.30
Y_ppm	185	1.26	19.55	7.76	18.29	2.89	5.82	7.28	8.83	10.86
Zn_ppm	185	34	414	100.54	380.00	49.92	77.30	86.50	105.50	136.60
Zr_ppm	185	0.5	10.4	1.48	9.90	1.33	0.70	1.10	1.80	2.46



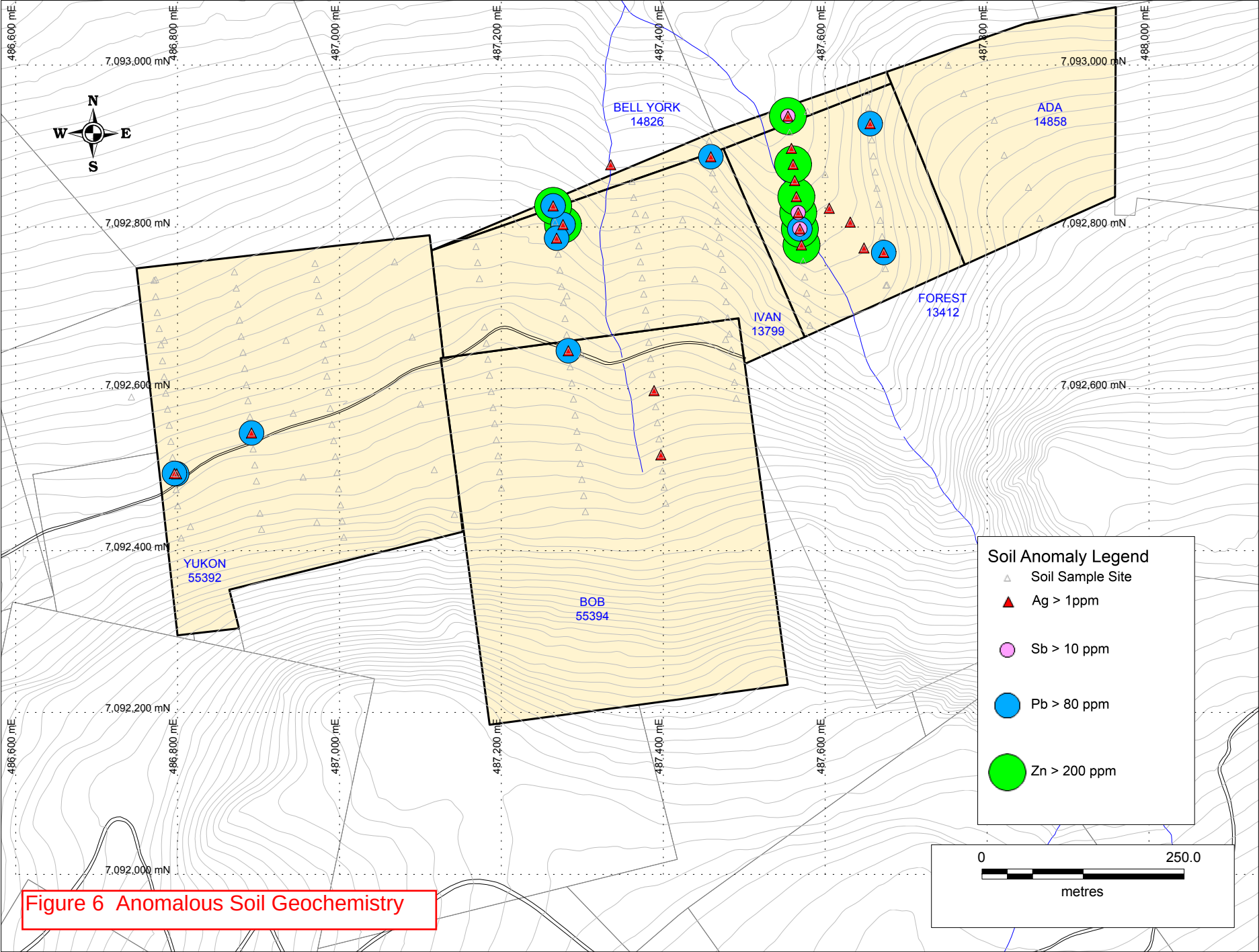


Figure 6 Anomalous Soil Geochemistry

9.0 LIST OF REFERENCES

Anderson, K., Lippoth, R., and Dodd, S. 2008
2008 Geological, Geochemical and XRF Assessment Report on the Keno Hill Property.
Alexco Resource Corp.

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	Quartz claim	Grant number	Owner	Staking date	Recorded date	Expiry date
BELL YORK	97139166	14826	Elsa Reclamation & Development Company Ltd. - 100%	04/06/1923	09/07/1923	31/12/2012
ADA	97139167	14858	Elsa Reclamation & Development Company Ltd. - 100%	30/07/1923	30/08/1923	31/12/2012
BOB	97139801	55394	Elsa Reclamation & Development Company Ltd. - 100%	1946/0/207	05/03/1946	31/12/2012
IVAN	97253697	13799	Elsa Reclamation & Development Company Ltd. - 100%	12/05/1921	23/06/1921	31/12/2012
FOREST	97311035	13412	Elsa Reclamation & Development Company Ltd. - 100%	24/07/1920	24/09/1920	31/12/2012
YUKON	97356270	55392	Elsa Reclamation & Development Company Ltd. - 100%	03/11/1945	30/01/1946	31/12/2012

APPENDIX 2

LIST OF PERSONNEL

Al McOnie
694 SH 2, RD1
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New Zealand
3177

Margaret McLennon
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Laura McIntyre
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Y0B 1Y1

Annie Greenfield
6906 Lowes Crt SW,
Calgary, AB
T3E 6G7

Dave Slocombe
#306 – 1685 West 13th Ave
Vancouver, BC

Liana Stammers
941 Kennedy Ave
North Vancouver, BC
V7R 1L4

Richard Benson
7226 Nelson Ave
Burnaby, BC
V5J 4C3

Alicia Vainio
Box 291
Faro, YT Y0B 1K0

APPENDIX 3

STATEMENT OF EXPENDITURES

COST STATEMENT - Alexco Resource Corp. October 2012 "Forest Group" Assessment Filing							
<i>Claim(s)</i>	<i>Grant</i>	<i>Owner</i>	<i>STAFF REPORTING</i>	<i>ROOM AND BOARD</i>	<i>ANALYTICAL</i>	<i>RENTALS / SUPPPORT</i>	EST TOTAL
Forest	13412	Work Claim					
Ivan	13799	Work Claim					
Bell York	14826	Work Claim					
Yukon	55392	Work Claim					
Ada	55394	Work Claim					
Group	Total	Elsa Reclamation and Development Company	\$ 2,620.00	\$ 912.00	\$ 6,258.00	\$ 875.00	\$ 10,665.00
		*Rentals/Support includes communication, freight, travel, fuel, truck & field office rental					
		Geochemical Soil Sampling work carried out on August 11, 12 and 18, 2012					

APPENDIX 4

SOIL SAMPLE DESCRIPTIONS

Sample	East	North	Depth (cm)	Horizon	Color	Silt %	Clay %	Organic %	Gravel %	Sand %	Comments
E009321	486980	7092656	30	B	d. brown grey	50	30	1		5	
E009322	486978	7092675	20	B	d. brown grey	50	30	3		10	
E009323	486976	7092695	30	B	d. brown grey	50	35	5		10	Woody material.
E009324	486974	7092715	40	B	d. brown grey	50	35	5		10	Bits of oxidation.
E009325	486972	7092735	40	B	d. brown grey	50	35	3		10	
E009326	486970	7092755	35	B	d. brown grey	50	30	2	10	10	
E009327	486991	7092556	40	B	d. brown	50	10	5		30	quite organic.
E009328	486993	7092536	30	B	d. brown	45	20	5		30	
E009329	486995	7092516	15	A/B.	grey brown	20	5	10	20	45	Scree. Boulders.
E009330	486997	7092496	50	A/B.	d. brown grey	50	15	2		33	Frozen
E009331	486999	7092477	10	B?	grey brown	10		10	30	20	Schist content. On Road.
E009332	487001	7092457	15	B	grey brown	55	20	5		20	
E009333	487003	7092437	25	B	grey brown	60	15	5		20	
E009334	487005	7092417	30	B	d. brown grey	55	10	15		20	Organic rich. Scree slope. Steep.
E009361	486881	7092645	25	B	grey brown	40	30	10		20	
E009362	486883	7092625	50	B	d. grey	40	20	20		20	
E009363	486885	7092605	40	B	d. grey	40	20	20		20	
E009364	486887	7092585	20	B	d. brown	45	20	25		30	
E009365	486889	7092566	30	B	grey brown	70	20	10		20	
E009366	486891	7092546	25	B	brown	35	10	15		40	
E009367	486893	7092526	30	B	brown	70		10		30	

E009368	486895	7092506	15	A?	brown	10		20	60	10	
E009369	486898	7092486	20	B?	brown	10	20	10	10	50	
E009370	486902	7092446	20	B	l. brown	30	10	10	30	20	
E009371	486904	7092426	35	B	brown	40		10	20	20	
E009372	486804	7092416	20	A/B?	l. brown	70		10	10	10	
E009373	486800	7092456	70	B	d. brown	70		10		20	
E009374	486798	7092476	10	B	l. brown	70		10		20	
E021631	487490	7092588	45	B	grey brown	30				70	Water seepage at ~35cm. Hillside. N facing.
E021632	487488	7092608	45	B	grey	20				80	Water seepage at ~45cm. Gravelly.
E021633	487486	7092628	55	B	grey brown			10	20	70	Water seepage at ~45cm.
E021634	487484	7092648	30	B	brown	40			10	50	
E021635	487482	7092668	20	B	grey brown	40	20	10		30	
E021636	487480	7092688	25	B	brown	20		10	10	60	
E021637	487478	7092708	30	B	brown	10			50	40	
E021638	487475	7092728	30	B	brown	10		10	30	50	
E021639	487473	7092748	20	B	brown	20			30	50	
E021640	487471	7092767	20	B	brown	20		10	30	40	
E021642	487469	7092787	35	B	brown	10	10		30	50	
E021643	487467	7092807	40	B	brown	10		10	40	40	
E021644	487465	7092827	35	B	grey brown	20		10	30	40	
E021645	487463	7092847	15	B	grey	20	10		20	50	
E021646	487461	7092867	40	B	grey	30	20		10	40	
E021647	487459	7092887	40	B	grey	20		10	30	40	
E021648	487457	7092907	50	B	brown	20		10	30	40	
E021649	487200	7092478	40	B	brown	20	10			20	N. facing slope
E021650	487198	7092497	45	B	brown	25		10	20	45	
E021651	487196	7092517	35	B	brown	30			20	50	
E021652	487194	7092537	25	B	brown	20	10	10	5	55	
E021653	487192	7092557	40	B	brown	30		10	5	55	Water seepage at 30cm

E021654	487190	7092577	40	B	brown	30	10	15		45	
E021655	487188	7092597	30	B	grey brown	25	20	10		45	N facing slope
E021656	487185	7092617	35	B	grey brown	25	20	10		45	Water seepage at 35cm
E021657	487183	7092637	30	B	grey brown	20	30	15	20	15	Water seepage at 25cm
E021658	487181	7092657	25	B	grey brown	20	30	10		40	
E021659	487169	7092776	27	B	brown	10	40	20	5	25	
E021660	487171	7092756	45	B	grey brown	20	45	10		20	
E021661	487173	7092736	15	B?	l. brown	50		20		30	Rocky area.
E021662	487179	7092676	24	B	brown	20	30	20	5	25	
E021663	486796	7092495	25	B	brown	70	5	5		20	N facing slope. Dense trees.
E021664	486794	7092515	15	B	brown	70		5	5	20	
E021665	486792	7092535	35	B	brown	70		5	5	20	
E021666	486790	7092555	20	B	grey brown	40	20	5	5	30	
E021667	486788	7092575	15	B	grey brown	70	10	5	5	10	
E021668	486786	7092595	40	B	black brown	60	20	5		15	
E021669	486783	7092615	35	B	grey	50	30	5		15	
E021670	486781	7092635	40	B	grey	50	30	5		15	
E021671	486779	7092655	20	B	grey	40	40	5		15	
E021672	486777	7092674	40	B	grey brown	40	40	5		15	
E021673	486775	7092694	40	B	grey brown	70	10	15		5	
E021674	486773	7092714	50	B	grey brown	70	10	15		5	
E021675	486771	7092734	50	B	grey brown	50	20	10		20	
E021676	486870	7092745	30	B	grey brown	50	20	10		20	
E021677	486872	7092725	35	B	grey	50	30	5		20	
E021678	486875	7092705	30	B	grey	35	30	5		15	
E021679	486877	7092685	30	B	brown	50	30	5		30	
E021680	486879	7092665	45	B	grey brown	40	30			20	
E021729	487676	7092729	50	B	grey	40	40	1		5	Wet. Slope. Near stream.
E021730	487674	7092749	55	A/B.	d. grey brown	35	30	5		20	A/B combo. Schist content

E021731	487672	7092768	45	A/B.	d. grey brown	35	30	5	5	20	multiple layers of wet A and B. Schist content.
E021732	487670	7092788	30	A/B.	d. grey	10	70	10	10	2	Very wet. Clay rich.
E021733	487668	7092808	60	B	grey	30	40	1		25	Thick layer of organic. Wet. Encountered ice.
E021734	487666	7092828	30	B?	black brown	30	30	1		20	Frozen.
E021735	487664	7092848	40	B?	black brown	30	30	1		20	Frozen. Questionable. Water and woody material.
E021736	487662	7092868	55	B?	d. grey brown	30	35	5	10	20	Frozen. Thick layer of organics.
E021737	487660	7092888	30	B	l. grey	25	50	1	10	10	Sample taken from above permafrost.
E021738	487658	7092908	30	B	grey	25	25	1	15	25	Schist content.
E021739	487656	7092928	30	B	grey	15	55	1	14	15	Schist content. Clay rich.
E021740	487653	7092948	20	B	grey	15	55	1	14	15	Schist content.
E021741	487651	7092967	35	B	grey	15	55	2	15	10	Schist content.
E021742	487361	7092856	30	B	brown	30	20	3	5	25	Boulder.
E021743	487363	7092837	25	B	grey	20	45	1	5	20	
E021744	487366	7092817	30	B	grey	15	45	1	20	10	Clay rich.
E021745	487368	7092797	20	B	grey	25	45	1	10	25	
E021746	487370	7092777	20	B	grey	10	60	1	5	15	Water seepage
E021747	487372	7092757	25	B	grey	25	50	1		25	
E021748	487374	7092737	20	B	grey	20	60	1		15	
E021749	487376	7092717	10	B	grey	35	25	1	10	20	Very thin A horizon (~3cm). Little organic matter (leaves).
E021750	487378	7092697	25	B	grey	30	25	2	5	25	Schist content.
E021751	487380	7092677	20	B	grey brown	25	25	2	10	25	Fairly shallow. Little vegetation above.
E021752	487382	7092658	20	B	grey	30	25	2	10	25	
E021753	487384	7092638	25	B	brown	30	20	1	10	25	Schist content.
E021754	487386	7092618	30	B	grey	20	45	1	10	25	Schist content.
E021755	487389	7092598	15	B	grey brown	35	45	1	2	7.5	
E021756	487391	7092578	35	B	grey	10	60	2	2	20	Higher clay content.
E021757	487393	7092558	20	B	grey	40	25	1		10	Silt rich. Boulders. Possible channel.
E021758	487395	7092538	25	B	grey brown	50	25	3		10	Clay lenses.
E021759	487397	7092518	25	B	grey	30	60	5		5	Wet.

E021760	487399	7092498	15	B	grey	30	25	3		25	Mound of soil. Clay lenses.
E021921	487581	7092678	50	B	grey brown	20	40			40	NW Side of Mountain
E021922	487579	7092698	50	B	grey brown	20	40			40	
E021923	487577	7092718	60	B	grey brown	20	40			40	
E021924	487575	7092738	67	B	grey brown	50	10			40	
E021925	487573	7092758	70	B	grey brown	30	40			30	
E021926	487571	7092778	65	B	grey brown	30	40			30	
E021927	487569	7092798	40	B	grey brown	30	40			30	
E021928	487567	7092818	50	B	brown	30	40			30	
E021929	487564	7092838	60	B	brown	30	10			60	
E021930	487562	7092857	35	B	brown	35	5			60	
E021931	487560	7092877	60	B	brown	35	5			60	
E021932	487558	7092897	60	B	brown		15			85	
E021933	487556	7092917	65	B	grey brown	50	40			30	
E021934	487554	7092937	48	B	grey brown	60	5			35	
E021935	487264	7092826	20	B	brown	60				40	
E021936	487266	7092806	25	B	grey brown	40	25			35	
E021937	487268	7092786	35	B	brown	50				50	
E021938	487270	7092766	30	B	grey brown	20	20			60	
E021939	487272	7092747	15	B	grey brown	20	20			60	
E021940	487274	7092727	30	B	grey brown	60	10			30	
E021941	487277	7092707	45	B	grey brown	20	50			30	
E021942	487279	7092687	70	B	grey brown	60	20			20	
E021943	487281	7092667	100	A/B.	grey brown	70				30	
E021944	487283	7092647	20	B	grey brown	30	70				
E021945	487285	7092627	50	B	grey brown	30	50			20	
E021946	487287	7092607	25	B	grey	30	30	1		30	Lenses of oxidation.
E021947	487289	7092587	30	B	grey	30	40	1	4	25	Lenses of oxidation.
E021948	487291	7092568	30	B	grey brown	40	29	1	10	20	Schist input. Wet.

E021949	487293	7092548	30	B	grey brown	35	60	3		5	
E021950	487295	7092528	20	B	grey	20	70	3		5	Wet
E021951	487297	7092508	30	B	grey	20	70	5		5	Water seepage.
E021952	487300	7092488	25	B	grey brown	50	40	2		7.5	
E021953	487302	7092468	30	B	grey	50	45	2		3	Water seepage.
E021954	487304	7092448	30	B	grey brown	40	25	1	14	20	
E021955	487401	7092479	10	B	brown	40	40	2		5	Rock slide/avalanche?
E021956	487403	7092459	25	B	grey brown	40	20	2	10	20	
E021957	486989	7092576	30	A/B.	d. brown	45	35	5		10	
E021958	486987	7092596	30	B	d. brown	40	20	5		20	Deep penetrating roots.
E021959	486984	7092616	30	B	d. brown grey	50	30	2.5		5	
E021960	486982	7092636	35	B	d. brown grey	50	30	1		5	

APPENDIX 5

SOIL SAMPLE ANALYSES

SAMPLE	Au_MS (ppm)	Au_FA (ppm)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)
E009321	0.0009	0.05	0.33	1.78	10.05	<10	304	0.41	0.23	0.41	0.14	33.4	9.8	38.7	1.93	119	2.7	6.54	0.05	<0.02
E009322	0.0014	0.02	0.263	1.61	12.65	<10	239	0.31	0.25	0.3	0.13	29.7	8.5	32.4	1.58	78.3	2.72	5.4	0.05	<0.02
E009323	0.0013	0.03	0.424	1.46	10.5	<10	314	0.26	0.21	0.32	0.19	31	15.5	27.4	1.32	76.2	2.59	4.68	<0.05	<0.02
E009324	0.0058	0.02	0.263	1.29	9.36	<10	150.5	0.29	0.2	0.26	0.2	29.9	7.5	23.9	1.08	48.3	2.11	3.94	<0.05	<0.02
E009325	0.0012	0.01	0.161	1.41	9.3	<10	178.5	0.25	0.19	0.31	0.25	33.4	6.7	24.2	1.1	53.3	2.38	4.32	0.05	<0.02
E009326	0.0008	0.02	0.205	1.68	11.05	<10	152	0.41	0.19	0.36	0.41	29.4	12.3	33.5	1.21	82.9	2.87	5.3	<0.05	<0.02
E009327	0.0017	0.04	0.254	1.8	9.1	<10	186.5	0.51	0.14	0.7	0.18	31.7	13	42.9	3.21	117	2.97	7.56	<0.05	0.03
E009328	0.002	0.02	0.277	1.81	11.3	<10	206	0.59	0.14	0.85	0.26	33.8	14	46.8	3.84	148.5	3.14	7.23	0.05	0.03
E009329	0.004	0.03	0.239	1.82	16.5	<10	168	0.44	0.24	0.21	0.38	35	15.4	40.5	5.23	89.4	3.32	6.21	0.05	0.04
E009330	0.002	0.02	0.498	1.75	15	<10	225	0.47	0.18	0.72	0.57	31.3	15	39.5	8.69	142	2.96	6.3	0.06	0.03
E009331	0.0014	0.01	0.509	1.47	27.5	<10	135	0.57	0.34	0.46	0.53	56.6	14.6	30.8	1.29	106	3.67	4.59	0.09	0.08
E009332	0.0024	0.01	0.415	1.45	14.95	<10	204	0.56	0.15	0.84	0.89	38	19.7	33.9	5.25	131	2.5	5.56	0.06	0.03
E009333	0.0023	<0.01	0.412	1.76	20.2	<10	195.5	0.54	0.15	0.89	0.39	29.5	18	44	8.86	143.5	3.11	7.08	<0.05	0.02
E009334	0.0024	<0.01	0.319	1.45	18.35	<10	127	0.33	0.15	0.5	0.42	23.4	16.3	36.5	7.71	76	2.85	6.18	<0.05	0.02
E009361	<0.0002	<0.01	0.328	1.42	15.3	<10	253	0.45	0.21	0.47	0.1	37	16.4	28.3	1.89	60.2	2.89	4.76	0.05	0.02
E009362	0.0004	<0.01	0.348	1.61	14.15	<10	284	0.4	0.23	0.59	0.35	38.7	13.5	33.8	2.17	70.8	2.78	5.65	0.05	0.02
E009363	0.0005	<0.01	0.372	1.66	10.6	<10	301	0.43	0.19	0.74	0.52	37.9	15.1	36.9	2.23	80.8	2.69	5.92	<0.05	0.03
E009364	<0.0002	<0.01	0.345	1.48	8.53	<10	285	0.42	0.17	0.86	0.32	36.4	12.5	32.4	2.13	78.5	2.35	5.57	<0.05	0.04
E009365	<0.0002	<0.01	0.217	1.72	10.25	<10	264	0.43	0.19	0.81	0.23	36.8	14.8	38.3	2.36	71.5	2.77	6.49	<0.05	0.03
E009366	0.0007	<0.01	1.945	1.59	16.4	<10	227	0.38	0.19	0.82	1.63	32.5	16.8	37.4	2.02	75.7	2.97	5.44	0.05	0.03
E009367	0.0002	<0.01	0.469	1.87	11.15	<10	275	0.53	0.17	0.97	0.43	36.4	15.7	46.2	2.65	120.5	2.97	7.54	<0.05	0.04
E009368	0.0003	<0.01	0.984	1.66	67.9	<10	79.9	1	0.6	0.25	1.14	94.6	25.5	29.8	1.66	136.5	5.66	4.86	0.15	0.03
E009369	0.0012	<0.01	0.287	1.63	10.4	<10	162	0.47	0.14	0.36	0.22	40.5	15.6	44.5	2.33	96.1	2.65	6.82	<0.05	0.03
E009370	0.001	<0.01	0.197	1.35	10.75	<10	105.5	0.49	0.13	0.42	0.17	40.4	11.3	38.8	2.33	68.3	2.46	6.22	0.05	0.04
E009371	0.0013	<0.01	0.319	1.49	11.55	<10	131	0.55	0.16	0.74	0.26	40.8	10.4	41.6	2.62	54	2.5	7.06	0.05	0.04
E009372	0.0008	0.01	0.086	1.63	14.4	<10	199	0.32	0.18	0.22	0.97	27.9	12.6	32.8	6.22	162	3.5	7.53	<0.05	0.03
E009373	0.0013	<0.01	0.067	1.51	8.61	<10	209	0.25	0.17	0.26	0.29	21	10.4	29.1	3.29	104.5	2.86	5.52	<0.05	0.02
E009374	<0.0002	<0.01	0.215	2	12.4	<10	354	0.49	0.2	0.43	0.18	30.7	18.1	40.5	5	152	3.18	7.12	0.05	0.03
E021631	<0.0002	<0.01	0.334	1.12	18.45	<10	182	0.38	0.19	0.65	0.28	20.9	11.3	22.5	1.81	42.8	2.2	3.81	0.05	0.04
E021632	0.0006	<0.01	0.472	1.09	28.3	<10	139.5	0.3	0.31	0.71	0.42	20.4	16	19.3	1.97	38.3	3.37	3.42	<0.05	0.08
E021633	0.0018	<0.01	0.462	1.07	16.1	<10	176	0.34	0.2	0.89	0.5	19.6	13.6	19.3	1.49	57.1	2.45	3.28	<0.05	0.05
E021634	0.0002	<0.01	0.468	1.22	11.65	<10	264	0.36	0.18	0.77	0.65	21	13.5	21	1.81	65.4	2.27	3.77	<0.05	0.04
E021635	0.0002	0.02	0.541	1.26	10.95	<10	184	0.22	0.21	0.29	0.14	19.25	10.7	22.8	2.59	33.3	2.36	4.5	<0.05	<0.02
E021636	0.0016	<0.01	0.624	1.2	19.1	<10	136.5	0.29	0.22	0.2	0.29	22.8	8.4	21.3	2	38.5	2.47	4.22	<0.05	<0.02
E021637	0.0034	0.01	0.744	0.79	152.5	<10	116	0.39	0.31	0.29	0.55	36.6	18.7	13.2	1.72	60.9	4.19	2.62	0.07	0.02
E021638	0.0087	<0.01	0.401	0.63	54.5	<10	61.7	0.29	0.29	0.49	0.37	27	18.2	9.7	1.25	43.8	4.05	1.58	0.05	0.04
E021639	0.0017	<0.01	0.291	0.85	41.5	<10	79.1	0.31	0.24	0.31	0.29	30.3	12.9	14.6	1.25	37.7	3.16	2.59	0.05	0.04
E021640	0.0008	<0.01	0.297	0.8	24.3	<10	129	0.24	0.18	0.13	0.26	25.4	4.5	12	1.2	27.6	1.78	2.77	<0.05	<0.02
E021642	0.0017	0.02	0.322	0.53	43.5	<10	60.5	0.34	0.37	0.57	0.37	21.7	20.9	8.8	1.12	41.3	4.74	1.31	0.05	0.03
E021643	0.0031	<0.01	0.207	0.54	32.9	<10	88.5	0.26	0.3	0.5	0.38	20.7	14.2	10.7	1	33.1	3.88	1.55	<0.05	0.02
E021644	0.002	<0.01	0.311	0.83	25.7	<10	148	0.36	0.22	0.88	0.61	26.7	13.5	12.4	0.96	39.1	2.81	2.2	<0.05	0.06
E021645	0.0019	0.01	0.616	0.65	95.2	<10	59.7	0.36	0.32	1.24	0.77	15.7	15.7	9.6	1.92	67.1	5.36	1.55	<0.05	0.11
E021646	0.0021	<0.01	0.485	1.02	50.8	<10	194	0.34	0.26	1	0.41	21.7	15.1	15.1	0.97	40.2	3.3	2.63	<0.05	0.07
E021647	0.0052	0.03	1.67	0.89	132	<10	121.5	0.4	0.39	0.76	0.81	29	18.6	12.3	2.38	61.5	5.06	2.18	0.05	0.03
E021648	0.0036	<0.01	0.54	0.43	56	<10	65.8	0.34	0.29	1.04	0.64	22.8	19.8	5.3	1	32.6	4.1	0.81	<0.05	0.08
E021649	0.0013	<0.01	0.284	2.1	16.75	<10	228	0.53	0.14	0.55	0.37	28.1	20.8	50.8	2.95	206	3.71	6.92	0.06	0.03
E021650	0.0024	<0.01	0.302	1.79	16.65	<10	237	0.43	0.18	0.47	0.49	26	16.4	39.2	2.29	155.5	3.29	5.7	<0.05	0.05
E021651	0.0015	<0.01	0.35	1.99	16.05	<10	226	0.53	0.19	0.53	0.17	29.5	17.4	43.8	2.46	201	3.55	6.05	<0.05	0.03
E021652	0.0015	<0.01	0.387	2.03	15.85	<10	237	0.5	0.16	0.7	0.26	24.3	19.4	46.7	2.67	188.5	3.51	6.74	0.05	0.03
E021653	0.002	<0.01	0.49	2.19	15.85	<10	255	0.53	0.19	0.8	0.69	25.5	20.9	47.4	2.78	190	3.67	7.16	0.05	0.04

SAMPLE	Au_MS (ppm)	Au_FA (ppm)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)
E021654	0.0058	<0.01	0.444	1.52	11.5	<10	253	0.31	0.19	0.63	0.48	27	10.9	28.5	1.58	94.2	2.45	4.73	<0.05	0.08
E021655	0.0012	<0.01	0.419	1.74	13.7	<10	254	0.39	0.21	0.67	0.34	25.3	14	32.1	1.81	115.5	2.94	5.15	<0.05	0.1
E021656	0.0008	<0.01	0.425	1.15	9.15	<10	157.5	0.28	0.14	0.58	0.39	24.9	10	22.5	1.02	54.4	2.1	3.48	0.05	0.08
E021657	0.0009	0.01	0.395	1.55	13.75	<10	213	0.29	0.18	0.48	0.46	25.6	17.2	28.8	1.46	61.3	2.8	4.58	<0.05	0.07
E021658	0.0006	<0.01	0.463	1.27	13.15	<10	290	0.29	0.17	0.76	0.55	24.1	14.4	22.8	1.21	69.1	2.3	4.03	<0.05	0.07
E021659	0.0016	0.01	0.428	1.45	14.25	<10	334	0.36	0.18	0.68	0.52	28.5	17.1	25.8	1.67	86.7	2.69	4.23	0.05	0.04
E021660	0.0033	<0.01	0.293	1.32	12.8	<10	355	0.24	0.19	0.9	0.58	22.4	11.1	23.1	1.8	77.8	2.09	4.56	<0.05	0.02
E021661	0.0516	<0.01	0.191	1.46	18.3	<10	123	0.36	0.18	0.25	0.49	29.6	9.2	28.6	1.32	111	2.68	4.2	0.05	0.03
E021662	0.0016	<0.01	0.482	1.43	13.9	<10	256	0.42	0.19	0.51	0.63	30.2	13.1	27.5	1.39	71.4	2.61	4.12	0.05	0.06
E021663	0.0022	0.01	2.28	1.67	21.3	<10	223	0.43	0.18	0.56	1.09	28.8	16.1	37.9	4.1	104.5	3.2	5.35	<0.05	0.02
E021664	0.0025	<0.01	0.334	1.5	37.3	<10	237	0.47	0.19	0.53	0.47	32.9	15.5	34.8	2.9	82.2	3.07	5.1	0.07	0.02
E021665	0.0017	0.04	0.755	1.41	19.1	<10	207	0.4	0.17	0.49	0.42	32	13.8	32.8	2.04	67.4	2.8	4.88	0.05	0.03
E021666	0.0038	<0.01	0.44	1.3	30.7	<10	162	0.4	0.19	0.67	0.53	31.5	15.6	32.2	1.84	60.8	3.02	4.13	<0.05	0.04
E021667	0.0011	0.01	0.239	1.56	10.95	<10	222	0.38	0.17	0.6	0.28	29.2	14.3	35.6	2.06	57.9	2.54	5.51	0.05	0.02
E021668	0.0019	<0.01	0.266	1.64	11.75	<10	308	0.42	0.19	0.7	0.38	26.2	15.2	36.5	2.37	57.9	2.51	5.84	<0.05	0.02
E021669	0.0054	<0.01	0.288	1.58	11.2	<10	304	0.39	0.17	0.69	0.34	28.5	14.8	34.5	2.09	54.9	2.41	5.53	<0.05	0.02
E021670	0.0005	<0.01	0.304	1.67	11.35	<10	281	0.41	0.19	0.67	0.28	24.1	14	38.3	2.13	49.9	2.45	5.97	<0.05	0.02
E021671	0.001	<0.01	0.197	1.25	8.43	<10	153.5	0.3	0.16	0.45	0.2	27.6	10.9	27	1.53	41.1	2.13	4.16	<0.05	0.02
E021672	0.0014	<0.01	0.246	1.46	10.55	<10	387	0.29	0.17	0.67	0.23	24	16.1	29.9	1.72	38.6	2.45	4.95	<0.05	<0.02
E021673	0.0008	<0.01	0.294	1.46	11.55	<10	265	0.32	0.19	0.55	0.2	24.9	17.2	30.1	1.74	35.1	2.28	4.84	<0.05	0.02
E021674	0.0011	<0.01	0.254	1.34	9.53	<10	237	0.31	0.17	0.53	0.28	27.3	13.1	26.7	1.6	35.2	2.04	4.5	<0.05	0.02
E021675	0.0018	<0.01	0.225	1.29	11.2	<10	221	0.34	0.17	0.61	0.21	23.9	12.6	26.3	1.51	30.2	2.18	4.23	<0.05	0.02
E021676	0.0015	<0.01	0.326	1.35	15.4	<10	247	0.33	0.24	0.69	0.23	34.2	12	25	2.19	44	2.46	4.3	<0.05	0.02
E021677	0.0012	<0.01	0.37	1.43	15.75	<10	241	0.31	0.22	0.59	0.23	37.5	6.6	25.9	2.07	42.2	2.49	4.45	<0.05	<0.02
E021678	<0.0002	<0.01	0.301	1.38	12.75	<10	219	0.3	0.24	0.29	0.17	40.8	5.5	25.3	2.02	41.2	2.23	4.39	<0.05	0.02
E021679	0.0047	<0.01	0.257	1.35	13.2	<10	201	0.29	0.21	0.29	0.18	40.7	11.1	26.3	1.92	33.5	2.5	4.39	0.05	0.02
E021680	0.001	<0.01	0.294	1.39	11.25	<10	215	0.25	0.21	0.52	0.13	34.9	5.9	28	2.03	45.8	2.2	4.65	0.05	<0.02
E021729	0.0027	<0.01	0.937	0.52	27.7	<10	69.1	0.24	0.24	0.5	0.52	39	12.1	7.7	0.98	18.55	2.49	1.5	0.08	0.02
E021730	0.0028	<0.01	0.483	0.59	20.2	<10	57.3	0.19	0.24	1.48	0.69	20.7	14.6	9	0.71	23.9	3.39	1.59	0.06	0.06
E021731	0.0035	<0.01	1.285	1.02	13.65	<10	110	0.35	0.25	1.29	0.55	23	11.7	15.4	1.16	33.3	2.21	2.77	0.05	0.08
E021732	0.0019	<0.01	0.589	1.04	19.5	<10	62.2	0.19	0.29	0.39	0.22	31	5.3	17.5	1.08	15.2	2.69	3.24	0.07	0.03
E021733	0.001	<0.01	0.651	1.08	21.5	<10	127	0.28	0.19	0.87	0.28	26.8	13.9	18.8	1.36	25.4	2.44	3.35	<0.05	0.05
E021734	0.0009	<0.01	0.357	0.5	24	<10	92.2	0.22	0.16	1.9	0.5	14.95	9.3	7.8	0.44	28.8	2	1.25	<0.05	0.08
E021735	0.0033	<0.01	0.492	0.25	3.39	<10	97.5	0.11	0.07	2.62	0.46	2.59	2.6	3.8	0.21	12.85	0.43	0.71	<0.05	0.06
E021736	0.0016	0.02	0.883	1.03	27.9	<10	229	0.46	0.19	0.88	1.33	29.5	16.2	18.3	1.01	51.9	2.75	2.87	0.05	0.06
E021737	0.0029	0.01	0.764	0.87	72.3	<10	137.5	0.37	0.22	0.69	0.39	26.7	14	15.3	0.77	42.2	3.42	2.79	<0.05	0.05
E021738	0.001	<0.01	0.515	0.2	101	<10	26.6	0.25	0.3	1.22	0.55	21.5	20	2.9	0.84	36.1	4.75	0.46	<0.05	0.22
E021739	0.0011	0.01	1.055	0.61	71.7	<10	83.6	0.32	0.24	0.67	0.8	43.5	14.6	12.4	1.12	42.6	3.35	2.01	0.07	0.11
E021740	0.0007	<0.01	0.596	0.83	57.3	<10	109.5	0.35	0.23	0.7	0.47	24.9	19.9	15.7	1.11	83	4.22	2.36	0.06	0.07
E021741	0.0026	0.01	0.459	0.73	51.7	<10	71.9	0.26	0.19	0.56	0.37	31.4	12.9	13.9	0.99	64.6	3.19	2.09	0.05	0.06
E021742	0.0012	<0.01	0.507	1.34	12.05	<10	191.5	0.28	0.2	0.31	0.15	27.7	9.6	21.9	2.29	24.8	2.46	4.24	0.05	<0.02
E021743	0.0009	<0.01	0.51	1.31	17.75	<10	146.5	0.31	0.2	0.28	0.21	28.9	7.7	22.3	2.14	25.5	2.64	3.97	<0.05	<0.02
E021744	0.0011	<0.01	0.517	1.14	10.1	<10	137.5	0.23	0.18	0.25	0.28	28.3	8	20.5	2.16	20.6	2.07	3.85	<0.05	<0.02
E021745	0.0008	<0.01	0.653	1.16	12.25	<10	125.5	0.28	0.18	0.3	0.17	27.6	6.9	21.8	2.01	24.1	2.13	3.81	0.05	<0.02
E021746	0.0032	0.01	0.688	1.3	10.4	<10	155	0.31	0.18	0.28	0.3	31.8	10.1	23.9	2.47	31.6	2.3	4.23	0.05	0.02
E021747	0.0021	<0.01	0.826	1.02	10.75	<10	118.5	0.26	0.17	0.2	0.28	25.8	6.3	20.1	1.91	26.4	1.94	3.73	<0.05	<0.02
E021748	0.0044	<0.01	0.699	1.31	12	<10	133	0.34	0.18	0.26	0.31	34.5	9.5	23.6	2.23	36.9	2.43	3.84	0.06	0.03
E021749	0.0018	0.01	0.642	1.4	19.15	<10	148	0.4	0.21	0.24	0.31	36.9	11	25.1	2.47	42.7	2.82	4.29	0.05	0.02
E021750	0.0014	0.01	0.651	1.27	28.1	<10	177.5	0.33	0.24	0.31	0.31	32.5	9.1	23	1.82	38.7	3.23	3.97	0.05	0.02
E021751	0.0047	<0.01	0.521	1.2	21.3	<10	157	0.4	0.2	0.27	0.3	34.5	12.1	23.3	1.88	42.5	2.85	3.75	0.06	0.03

SAMPLE	Au_MS (ppm)	Au_FA (ppm)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)
E021752	0.004	<0.01	0.998	1.39	13.8	<10	232	0.4	0.22	0.36	0.26	28.8	9.1	24.8	2.31	42.2	2.42	4.74	0.05	<0.02
E021753	0.0007	0.01	0.745	1.41	13.15	<10	235	0.39	0.22	0.44	0.23	32.4	9.3	26.5	2.54	44.9	2.43	4.83	<0.05	0.02
E021754	0.0661	<0.01	0.623	1.4	15.15	<10	169	0.36	0.22	0.37	0.26	28.1	10.4	24.9	2.53	44.8	2.56	4.38	<0.05	0.02
E021755	0.0026	<0.01	1.07	1.55	17.85	<10	262	0.43	0.23	0.54	0.29	26.3	12.9	27.7	2.93	64.5	2.74	4.96	<0.05	<0.02
E021756	0.0005	0.01	0.734	1.51	17.9	<10	253	0.47	0.2	0.52	0.48	29	13.6	27.3	3.28	66.3	2.68	4.97	<0.05	<0.02
E021757	0.0011	0.01	0.401	1.24	14.1	<10	152	0.35	0.17	0.38	0.18	26.6	9.1	22.4	2.6	44.3	2.2	4.17	0.05	<0.02
E021758	0.0011	<0.01	0.252	1.11	14.3	<10	83.4	0.16	0.21	0.09	0.29	18.4	4.2	20.7	2.9	29.1	2.07	5.54	<0.05	<0.02
E021759	0.0017	<0.01	1.005	1.72	25.2	<10	260	0.51	0.2	0.5	0.47	28.6	16.9	29.8	4.48	71.8	3.02	5.53	0.05	<0.02
E021760	0.001	<0.01	0.624	1.54	22.5	<10	241	0.41	0.18	0.39	0.35	30	14.2	28.8	3.78	73.7	2.83	4.93	0.05	0.02
E021921	0.001	0.01	0.371	1.25	46.2	<10	83.6	0.26	0.24	0.96	0.33	15.4	20.8	26.4	0.63	76.3	4.8	3.21	<0.05	0.08
E021922	0.0014	0.03	0.277	0.65	38	<10	40.5	0.23	0.23	0.54	0.24	36.2	10.1	9.2	1.03	18.1	3.71	1.76	0.05	0.05
E021923	0.0008	0.03	0.374	0.72	37.4	<10	50.9	0.3	0.22	0.72	0.36	34.3	24.7	9.5	0.85	23.8	4.05	1.75	0.05	0.11
E021924	0.0014	0.03	0.442	1.03	15.1	<10	164.5	0.32	0.18	0.84	0.61	21.3	14	16.4	1.38	37.1	2.5	2.96	<0.05	0.06
E021925	0.0029	0.03	0.357	1.02	16.2	<10	160.5	0.23	0.18	0.7	0.29	21.9	14.6	16.9	1.51	35.8	2.59	3.08	<0.05	0.06
E021926	0.0016	0.04	4.31	1.19	27.9	<10	135.5	0.35	0.21	0.59	1.81	29.1	15.8	20.7	3.31	58.4	3	3.51	0.05	0.03
E021927	0.0009	0.02	8.82	1.12	31.2	<10	119.5	0.33	0.16	0.48	5.53	29	16.2	20.9	3.33	70.5	3.06	3.16	0.05	0.02
E021928	0.0168	0.01	6.26	1.23	36.7	<10	124.5	0.36	0.18	0.52	1.48	26.4	14.2	20.6	3.7	72.2	3.01	3.42	<0.05	0.05
E021929	0.001	0.05	7.26	1.15	26.8	<10	92.4	0.33	0.15	0.52	2.2	23.2	11.1	21.8	2.99	57	2.79	2.97	<0.05	0.04
E021930	0.0014	0.02	2.27	1.22	27.2	<10	104.5	0.35	0.18	0.58	1.07	25.7	11.8	19.4	2.87	50.7	2.77	3.2	<0.05	0.03
E021931	0.0015	0.09	2.37	1.04	28.6	<10	87.2	0.25	0.17	0.82	1.61	19.65	11	18	2.48	46.1	2.55	2.63	<0.05	0.04
E021932	0.0054	0.05	1.55	1.18	43.1	<10	107	0.27	0.19	0.9	1.19	19.25	13.4	20.6	4.11	59.6	2.82	2.99	<0.05	0.07
E021933	0.0014	0.06	0.835	0.88	23.5	<10	70.9	0.22	0.17	0.75	0.47	21.3	8.1	13.8	2	33.7	2.33	2.14	<0.05	0.07
E021934	0.0021	0.05	11.15	0.85	28.3	<10	85.4	0.25	0.16	0.77	2.91	23.7	12.3	15.1	2.48	55.1	2.93	2.05	0.05	0.05
E021935	0.0008	0.03	9.3	0.88	37.4	<10	74.6	0.34	0.16	0.81	1.82	27.4	15.6	16	1.7	55.1	2.73	2.51	0.05	0.04
E021936	0.0009	0.06	0.702	0.55	21.1	<10	65.4	0.24	0.18	0.64	0.47	29.6	11.1	11.1	0.7	45.9	2.47	1.71	0.05	0.11
E021937	0.0008	0.06	1.575	1.19	15.6	<10	171	0.27	0.17	0.5	0.37	23.8	12.9	21.5	1.09	47.3	2.62	3.34	<0.05	0.04
E021938	0.0023	0.01	0.388	1.26	12.9	<10	168	0.24	0.19	0.4	0.22	23	13.1	22.7	1	41.2	2.61	3.41	<0.05	0.04
E021939	0.0014	0.02	0.872	1.11	20.2	<10	143	0.24	0.18	0.47	0.66	25.4	12.1	19.8	0.91	42.4	2.64	3.15	<0.05	0.06
E021940	0.0012	0.01	0.411	1.27	17.9	<10	152.5	0.3	0.22	0.46	0.39	24.8	13.1	22.6	1	49.1	3.04	3.41	<0.05	0.06
E021941	0.0013	0.08	0.463	1.2	11.2	<10	222	0.24	0.17	0.94	0.6	17.8	13	20.4	0.9	39.4	2.26	3.27	<0.05	0.07
E021942	0.0021	0.04	0.494	1.41	12.75	<10	219	0.31	0.21	0.6	0.57	24.9	15.7	23	0.98	33.9	2.73	3.78	<0.05	0.06
E021943	0.0039	0.1	0.505	1.25	15.9	<10	180.5	0.29	0.22	0.55	0.99	24.2	13.1	21.4	1.01	39.5	2.6	3.57	<0.05	0.06
E021944	0.0022	0.05	1.465	1.48	12	<10	181.5	0.33	0.22	0.39	0.75	28.2	12.6	26.3	1.33	39.1	2.69	4.27	<0.05	0.07
E021945	0.0012	0.04	0.419	1.59	9.4	<10	226	0.25	0.19	0.23	0.35	25.7	13.8	25.9	1.48	32.9	2.47	4.68	<0.05	0.02
E021946	0.0005	0.02	0.418	1.57	10.7	<10	207	0.26	0.21	0.24	0.18	28.1	12.7	25.9	1.83	34.4	2.45	5.05	<0.05	0.02
E021947	0.0017	0.03	0.308	1.52	11.85	<10	173	0.28	0.23	0.28	0.2	26.6	10.2	26.9	1.87	37.4	2.58	4.44	<0.05	0.02
E021948	0.0027	0.05	0.461	1.5	18.15	<10	209	0.32	0.3	0.37	0.25	29	12.3	25.7	2.02	49.5	2.65	4.75	<0.05	0.02
E021949	<0.0002	0.03	0.533	1.67	12.6	<10	255	0.31	0.22	0.39	0.32	28.5	17.1	28	2.4	53.6	2.82	5.18	<0.05	0.02
E021950	0.0007	0.02	0.55	1.58	17.05	<10	214	0.32	0.2	0.36	0.21	28.6	13.7	25.9	2.42	50.7	2.88	5.13	0.05	<0.02
E021951	0.0023	0.04	0.741	1.79	14.95	<10	242	0.4	0.24	0.37	0.59	36.3	22.5	29.3	3.23	83.3	2.97	6.08	<0.05	0.02
E021952	0.0014	0.03	0.507	1.89	14.4	<10	229	0.34	0.2	0.4	0.17	28.4	14.1	33.4	3.64	87.7	3.18	6.43	<0.05	0.02
E021953	0.0027	0.05	0.277	2.22	17.25	<10	248	0.54	0.17	0.51	0.25	27.9	17.8	40.2	4.77	136	3.66	7.61	<0.05	<0.02
E021954	0.0016	0.01	0.424	1.94	19	<10	217	0.47	0.19	0.4	0.31	29.7	15.3	35.2	3.92	124.5	3.61	6.38	0.05	<0.02
E021955	<0.0002	0.1	0.672	1.53	14.2	<10	184.5	0.22	0.16	0.29	0.23	20.1	9.8	29.2	3.41	74.1	2.76	4.29	<0.05	<0.02
E021956	0.002	<0.01	0.55	1.52	13.4	<10	219	0.35	0.16	0.23	0.45	26.7	13.4	28.1	3.8	62.1	2.76	4.5	<0.05	<0.02
E021957	0.0015	0.05	0.267	1.76	11.3	<10	228	0.51	0.16	0.91	0.31	29.9	14.3	44.1	3.65	115	2.96	6.8	<0.05	0.04
E021958	0.0029	0.04	0.329	1.55	10.9	<10	189	0.39	0.16	0.63	0.17	30.3	13	37.3	2.55	99.2	2.76	5.3	<0.05	0.04
E021959	0.0013	0.09	0.269	2.02	10.2	<10	298	0.6	0.17	0.7	0.2	35.6	27	48.7	2.71	190	3.53	7.59	0.05	0.03
E021960	0.0007	0.04	0.201	1.98	10.2	<10	268	0.45	0.19	0.51	0.44	29.7	14.6	47.7	2.44	145	3.25	7.52	0.05	0.02

SAMPLE	Hg (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (ppm)	Sr (ppm)
E009321	0.082	0.023	0.05	17.2	19.4	0.97	271	3.28	0.01	0.75	25.3	0.09	15.9	15.5	<0.001	0.06	0.408	2.9	1.5	0.4	27.4
E009322	0.106	0.024	0.05	15.7	18	0.75	242	4.24	0.01	0.65	23	0.092	16.65	10.4	0.001	0.05	0.523	2.3	1.5	0.4	25.6
E009323	0.093	0.02	0.05	15.5	16.5	0.6	403	4.34	0.01	0.59	23.1	0.101	15.05	10	0.002	0.06	0.622	2.4	2.2	0.3	27.5
E009324	0.078	0.018	0.04	15.7	15	0.49	180	3.69	0.01	0.52	19.4	0.082	12.9	7.4	0.001	0.03	0.531	1.5	0.9	0.3	20.7
E009325	0.063	0.021	0.04	18.3	16.7	0.51	203	3.6	0.01	0.49	20.2	0.076	12.25	8.6	<0.001	0.03	0.574	1.8	1.4	0.3	21.9
E009326	0.057	0.021	0.05	15.3	19.3	0.69	603	3.02	0.01	0.61	25.2	0.093	13	10.5	<0.001	0.03	0.693	2.5	1	0.4	20.4
E009327	0.031	0.023	0.05	19.3	18.3	1.35	618	2.32	0.01	0.76	25.2	0.115	12.35	12.5	<0.001	0.06	0.582	4.4	0.8	0.4	26.9
E009328	0.074	0.028	0.06	17.9	17.6	1.41	707	2.68	0.01	0.81	29	0.128	14.3	11.2	0.001	0.07	0.709	4.6	1.2	0.4	29
E009329	0.046	0.027	0.05	18.3	22.9	1.07	508	4.96	0.01	0.71	30	0.107	18.05	11	<0.001	0.03	0.907	3.7	0.8	0.5	25
E009330	0.072	0.027	0.05	17	19	1.05	749	2.74	0.01	0.68	27.2	0.108	19.6	13.3	<0.001	0.05	1.105	4	1.8	0.4	27.8
E009331	0.118	0.03	0.05	29.2	21.5	0.88	334	12.75	0.02	0.66	38.8	0.135	24.2	6.1	0.001	0.08	1.375	3.2	4.4	0.3	73.5
E009332	0.067	0.024	0.05	19.5	14.5	0.87	1400	3.51	0.01	0.67	29.5	0.116	17.45	9.1	0.002	0.06	1.215	3.7	2.1	0.4	28.4
E009333	0.051	0.035	0.05	16.5	17.6	1.19	1160	2.88	0.01	0.69	25.4	0.108	26.4	13	0.001	0.06	1.34	4.4	1	0.5	24.6
E009334	0.062	0.027	0.06	12.5	14.5	1.05	747	1.86	0.01	0.69	20.5	0.104	29	13.6	<0.001	0.06	1.025	3.7	0.9	0.4	15.6
E009361	0.095	0.024	0.04	18.3	15.4	0.64	1220	6.47	0.01	0.54	16.8	0.101	17.65	9.3	<0.001	0.06	0.719	2.7	0.8	0.3	27.7
E009362	0.083	0.022	0.05	19.5	18.4	0.85	1010	4.71	0.01	0.67	21.1	0.095	20.7	13	<0.001	0.05	0.694	3.4	1	0.4	29.9
E009363	0.076	0.025	0.05	19.8	18.3	0.95	596	2.71	0.01	0.79	23	0.101	17.55	14.7	<0.001	0.05	0.619	3.9	1.1	0.4	31.3
E009364	0.068	0.026	0.05	18.1	16.6	0.86	646	2.32	0.01	0.69	20.5	0.101	14.7	12	<0.001	0.06	0.642	3.3	1	0.4	32.8
E009365	0.058	0.027	0.06	18.1	19.4	1.05	667	2.6	0.01	0.8	21.4	0.102	15.55	12.7	<0.001	0.05	0.567	4.1	1	0.4	31.6
E009366	0.104	0.028	0.06	16.4	18.7	0.97	817	3.36	0.01	0.72	25.2	0.112	124.5	15.4	<0.001	0.06	2.65	3.7	1.1	0.5	29.4
E009367	0.076	0.03	0.07	19.4	20.2	1.36	562	1.97	0.01	0.95	27.1	0.103	19.2	16.6	<0.001	0.06	0.713	5	1.3	0.5	30.5
E009368	0.204	0.063	0.06	44.6	26.2	0.88	417	24	0.03	0.31	57	0.235	50.1	6.1	0.002	0.22	2.47	2.6	11.3	0.2	133
E009369	0.043	0.028	0.06	21.1	17.5	1.2	488	2.99	0.01	1.12	22.6	0.116	13.4	14.6	<0.001	0.02	0.664	4.7	0.9	0.5	16.7
E009370	0.036	0.026	0.07	21.6	14.2	1.18	296	2.43	0.01	1.42	20.9	0.119	12.25	12.2	<0.001	0.04	0.568	4.8	0.3	0.5	15.9
E009371	0.032	0.038	0.08	20.5	15.8	1.42	348	2.25	0.01	1.37	19.8	0.098	13.65	13.9	<0.001	0.05	0.576	5.8	0.7	0.6	21.4
E009372	0.025	0.03	0.07	14.2	16.1	0.84	357	1.88	0.01	1.27	22.5	0.061	10.3	15.8	<0.001	0.03	0.729	3.9	0.4	0.5	16.8
E009373	0.033	0.025	0.05	10.6	12.9	0.63	268	1.52	0.01	0.95	17.6	0.073	9.08	7.3	<0.001	0.04	0.56	3.2	0.3	0.4	15.6
E009374	0.048	0.031	0.06	15.8	19.8	0.96	537	2.14	0.01	0.87	26.7	0.095	11.65	11.8	<0.001	0.05	0.656	5.1	0.6	0.4	21.6
E021631	0.03	0.02	0.03	10	11.3	0.64	533	1.88	0.01	0.47	17.9	0.112	22.1	7.1	<0.001	0.05	0.863	2.8	0.6	0.2	20.1
E021632	0.061	0.026	0.03	10	15.1	0.57	380	4.4	0.01	0.38	30.6	0.13	27.3	6.7	0.001	0.06	1.19	2.5	1.5	0.2	24.5
E021633	0.045	0.018	0.04	9.6	10.9	0.5	572	2.28	0.01	0.46	22.7	0.113	20.3	6.7	<0.001	0.07	0.869	2.5	1.2	0.3	24.8
E021634	0.064	0.019	0.04	10.3	12.4	0.51	994	2.12	0.01	0.49	19.5	0.11	18.95	8.6	0.001	0.07	0.758	2.4	1.4	0.2	27.3
E021635	0.065	0.02	0.04	9.5	13.3	0.54	368	2.34	0.01	0.53	15.5	0.089	18.4	9.5	<0.001	0.04	0.587	2.1	0.7	0.4	14.8
E021636	0.074	0.026	0.04	11.3	13.4	0.44	229	2.81	0.01	0.48	17.4	0.1	19.95	7.9	<0.001	0.04	0.983	2.3	1.1	0.4	12
E021637	0.018	0.03	0.03	18.5	10	0.22	591	3.93	0.01	0.26	46	0.149	43.5	6.6	<0.001	0.03	2.17	2.7	1.3	0.2	11.2
E021638	0.034	0.02	0.03	13.5	6.2	0.13	384	3.4	0.01	0.24	44.8	0.226	19.85	4.3	<0.001	0.03	1.85	2.5	1.9	<0.2	15.1
E021639	0.032	0.018	0.03	14.5	9.6	0.25	365	3.55	0.01	0.4	31.2	0.155	21.4	4.9	<0.001	0.02	1.42	2.1	1.3	0.2	11.6
E021640	0.034	0.016	0.04	12.6	5.8	0.13	141	2.9	0.01	0.21	14	0.092	13.8	7.3	<0.001	0.04	0.679	1	0.4	0.3	7.9
E021642	0.037	0.026	0.03	10.6	6.1	0.17	531	4.91	<0.01	0.14	51.1	0.219	32.1	3.6	<0.001	0.15	2.16	2.6	1.2	<0.2	16.9
E021643	0.019	0.026	0.03	11	6.5	0.17	539	4.2	0.01	0.23	35.9	0.166	21	4.6	<0.001	0.1	1.37	1.9	1.3	<0.2	15.1
E021644	0.049	0.02	0.03	13.8	10.2	0.27	744	2.64	0.01	0.28	33	0.156	22.6	4.8	<0.001	0.05	1.265	2.5	1.5	0.2	26.5
E021645	0.049	0.035	0.03	7.3	7.8	0.34	1240	9.57	<0.01	0.11	65.9	0.232	34.5	3.6	0.004	0.6	5.88	2.6	3.5	0.2	23.6
E021646	0.046	0.027	0.03	10.7	14	0.41	1780	5.38	0.01	0.22	31.7	0.166	23.7	4.7	0.001	0.04	2.1	2.5	1.2	0.2	28.4
E021647	0.04	0.03	0.03	16	8.7	0.28	542	7.08	0.01	0.16	62.2	0.245	103	4.6	0.001	0.33	4.07	2.9	2.6	0.2	20.7
E021648	0.035	0.019	0.03	11.6	2.3	0.14	729	5.98	<0.01	0.06	48.6	0.296	30.7	4.2	0.001	0.11	3.05	2.3	1.3	<0.2	25.4
E021649	0.04	0.032	0.06	14.9	20.3	1.41	873	1.88	0.01	0.82	36.7	0.116	18.9	14.2	<0.001	0.05	1.395	6.4	1	0.4	25
E021650	0.061	0.028	0.05	13.2	19.3	0.94	609	3.31	0.01	0.7	32.7	0.114	22.9	13.1	0.001	0.04	1.26	4.9	0.9	0.4	21.7
E021651	0.056	0.029	0.06	14.8	20.1	1.12	542	3.17	0.01	0.73	35.2	0.115	21.4	13.2	0.001	0.04	1.38	5.5	1.1	0.4	22.5
E021652	0.063	0.035	0.06	12.2	20.5	1.3	768	2.63	0.01	0.7	35.3	0.109	21.9	11.7	<0.001	0.07	1.43	5.6	1.3	0.4	26.7
E021653	0.074	0.035	0.07	14.1	24.4	1.3	1300	3.24	0.01	0.71	43.7	0.114	21.8	14.9	0.001	0.06	1.46	6	1.1	0.5	30.7

SAMPLE	Hg (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (ppm)	Sr (ppm)
E021654	0.071	0.026	0.05	14.2	19.1	0.66	595	2.89	0.01	0.59	27.6	0.113	20.3	9.1	0.001	0.05	0.924	3.7	1.2	0.3	25.2
E021655	0.071	0.029	0.05	13.4	21.4	0.79	424	3.81	0.01	0.62	33.2	0.107	22.9	10.3	0.002	0.05	1.215	4.1	1.3	0.3	27
E021656	0.035	0.021	0.05	12.8	14.2	0.53	279	1.89	0.01	0.67	24.6	0.099	13	8	0.001	0.03	0.8	3.2	1	0.3	25.5
E021657	0.06	0.021	0.05	13.5	19	0.74	612	3.18	0.01	0.52	26.8	0.115	20.6	9.1	0.001	0.03	0.966	3.7	1	0.3	19.5
E021658	0.06	0.02	0.04	12	14.4	0.55	1560	2.97	0.01	0.47	24.2	0.122	20.7	7.2	0.001	0.06	1.015	2.9	1.2	0.3	26
E021659	0.058	0.026	0.05	14.5	15	0.52	446	2.62	0.01	0.73	26.8	0.098	19.8	9.5	0.001	0.05	0.846	3.4	1.5	0.4	28.4
E021660	0.05	0.02	0.05	11.5	15.3	0.49	292	1.08	0.01	0.78	23.1	0.076	17.7	12.1	0.001	0.05	0.503	2.8	0.7	0.4	34
E021661	0.033	0.024	0.05	14.3	15.2	0.46	231	1.69	<0.01	1.06	25.4	0.086	12.15	7.3	<0.001	0.02	0.993	3	0.8	0.4	16.5
E021662	0.075	0.023	0.05	15	16.6	0.61	826	3.35	<0.01	0.57	26.4	0.114	28.4	8.6	<0.001	0.04	1.35	3.6	1.4	0.4	23
E021663	0.083	0.034	0.06	14.4	17.8	0.86	801	3.19	0.01	0.66	32.1	0.111	107.5	12.5	0.001	0.05	3.17	3.9	0.8	3.3	22.2
E021664	0.053	0.031	0.06	16	16.7	0.79	472	4.07	0.01	0.72	34.4	0.114	22.4	11.1	0.001	0.06	1.62	4.2	1.1	0.4	25.3
E021665	0.055	0.027	0.07	15.8	16.7	0.8	420	3.48	<0.01	0.69	30.7	0.11	18.45	10.4	0.002	0.03	1.26	4.1	1.4	0.4	23.3
E021666	0.047	0.02	0.06	15.8	15.4	0.78	453	4.03	0.01	0.62	37.4	0.13	21.6	9.1	0.001	0.05	1.535	3.8	1.2	0.3	25.8
E021667	0.083	0.022	0.05	14.8	18.1	0.82	501	2.95	0.01	0.66	27	0.099	14.2	12	<0.001	0.04	0.696	4	1	0.4	25.6
E021668	0.064	0.025	0.05	13.5	18.5	0.84	623	3.23	0.01	0.71	26.6	0.091	15.9	12.5	<0.001	0.05	0.689	3.9	0.7	0.4	30.7
E021669	0.058	0.023	0.05	14.3	17.9	0.82	633	2.18	<0.01	0.68	24.7	0.09	14.9	13.1	<0.001	0.05	0.597	4.1	0.7	0.4	30.8
E021670	0.062	0.03	0.06	13.1	20.1	0.89	669	2.4	0.01	0.72	25.6	0.089	14.2	13	0.002	0.06	0.619	4.1	1.4	0.4	29.5
E021671	0.064	0.017	0.04	13.4	15.3	0.59	260	2.16	<0.01	0.67	22	0.086	12.3	7.9	0.002	0.03	0.621	3.2	0.8	0.3	24.5
E021672	0.06	0.021	0.04	12.7	16.6	0.67	1170	3.01	0.01	0.6	21.9	0.083	13.95	10.3	<0.001	0.05	0.562	3.4	0.8	0.4	34.8
E021673	0.051	0.025	0.04	12.8	15.4	0.63	1190	2.38	0.01	0.61	21	0.091	16.1	11	0.001	0.04	0.563	3.3	0.8	0.3	24.9
E021674	0.047	0.025	0.04	13	14.9	0.58	814	1.98	0.01	0.59	20.4	0.088	13.5	10.6	0.001	0.05	0.568	3.2	1	0.4	22.5
E021675	0.057	0.019	0.04	12.4	14.4	0.57	505	2.12	<0.01	0.59	19.4	0.092	13.7	10.3	0.001	0.04	0.551	3	0.9	0.3	25.1
E021676	0.116	0.02	0.04	16.9	17.3	0.59	619	5.67	<0.01	0.53	19.4	0.1	17.55	8.8	0.001	0.06	0.636	2.4	1.4	0.3	43.8
E021677	0.108	0.023	0.04	18.5	18.8	0.61	149	4.05	0.01	0.57	20.7	0.102	17.15	9.8	0.001	0.05	0.589	2.3	1.2	0.3	44.7
E021678	0.201	0.019	0.04	19.8	19.1	0.58	153	4.49	<0.01	0.58	19.3	0.088	16.35	8.7	0.001	0.03	0.603	2.2	1.3	0.3	30.7
E021679	0.096	0.019	0.04	20.2	18.4	0.63	497	4.96	<0.01	0.6	20.8	0.094	15.75	8.8	<0.001	0.03	0.614	2.4	1.2	0.3	28.8
E021680	0.087	0.02	0.04	18	17.3	0.64	178	3.79	<0.01	0.62	19.1	0.088	16.5	9.5	<0.001	0.05	0.592	2.5	0.9	0.3	32.9
E021729	0.057	0.023	0.03	19.8	5.1	0.18	556	4.97	0.01	0.13	14.4	0.161	67	4.7	<0.001	0.03	1.935	1.7	1	<0.2	11.8
E021730	0.068	0.017	0.02	10.8	9	0.28	661	4.28	0.01	0.13	23.9	0.165	36.2	2.8	<0.001	0.08	1.92	2.1	0.9	<0.2	30
E021731	0.085	0.032	0.04	12	13.9	0.51	294	1.48	0.01	0.32	24.6	0.135	87.2	4.7	0.001	0.09	1.56	2.7	1.2	0.2	38.2
E021732	0.095	0.016	0.03	15.8	16.8	0.49	143	4.87	0.01	0.39	19.9	0.151	22.9	4.8	<0.001	0.03	0.966	1.5	2.2	0.2	14.9
E021733	0.069	0.02	0.03	12.9	18.2	0.5	465	2.86	0.01	0.37	22.3	0.117	33.3	5.9	0.001	0.05	0.894	2.6	0.9	0.3	31.2
E021734	0.061	0.02	0.02	7.3	4.3	0.21	409	1.38	0.01	0.21	18.4	0.13	20.9	3.2	0.001	0.12	0.88	1.8	1.1	0.2	48.9
E021735	0.066	0.006	0.01	1.3	0.3	0.3	349	1.68	0.03	0.19	10.7	0.052	3.35	0.7	0.001	0.23	0.8	0.7	0.7	<0.2	82.9
E021736	0.064	0.023	0.04	13.5	10.8	0.35	1140	2.91	0.01	0.51	32.4	0.13	47.2	6.2	0.001	0.06	1.35	2.8	1.6	0.2	31.1
E021737	0.031	0.028	0.03	14.3	9.6	0.28	345	3.46	0.01	0.46	36.2	0.117	36.6	4.2	0.001	0.04	1.72	3.1	1	0.3	21.8
E021738	0.03	0.021	0.03	10.6	1.1	0.24	551	4.87	0.01	<0.05	46.9	0.223	35.4	1.8	0.001	0.16	2.7	2.9	1.1	<0.2	30.3
E021739	0.043	0.027	0.04	22.4	6.6	0.28	454	4.05	0.01	0.47	39.2	0.226	82.9	4.5	0.001	0.04	2.53	3.3	1.1	0.2	20.8
E021740	0.027	0.027	0.03	12.6	10.2	0.35	400	4.79	0.01	0.37	46.6	0.175	23.3	4.1	<0.001	0.06	2.04	4.1	1.2	0.2	20.3
E021741	0.026	0.017	0.03	16	9.6	0.31	221	2.95	0.01	0.4	35.6	0.136	28.2	4.6	<0.001	0.04	1.785	3.1	1.2	0.2	16.6
E021742	0.07	0.021	0.04	14.4	16.4	0.46	305	2.07	0.01	0.57	21.6	0.083	22.8	7.9	<0.001	0.03	0.711	2.5	0.6	0.3	17.3
E021743	0.057	0.019	0.04	14.3	16	0.47	145	2.31	0.01	0.68	22.7	0.094	22.4	7.8	<0.001	0.02	0.847	2.6	0.7	0.3	16.1
E021744	0.068	0.02	0.04	14.5	15.1	0.42	170	1.94	0.01	0.6	20.4	0.089	18.2	7.3	0.001	0.02	0.74	2	0.5	0.3	14.4
E021745	0.099	0.017	0.04	13.4	14.5	0.44	172	2.01	0.01	0.64	21.7	0.08	29.4	6.6	0.001	0.03	1.075	2.1	0.4	0.3	14.6
E021746	0.063	0.023	0.04	16.8	17.3	0.5	176	2.23	0.01	0.69	25.2	0.082	18.7	7.8	<0.001	0.01	0.886	3.1	0.9	0.3	15.7
E021747	0.072	0.02	0.04	13.6	11.5	0.34	164	2.41	0.01	0.56	21.1	0.082	17.05	6.8	0.001	0.04	0.902	2.2	0.8	0.3	13.9
E021748	0.072	0.025	0.04	17.9	16.9	0.5	202	2.54	0.01	0.72	25.8	0.091	23.3	7.2	<0.001	0.02	1.035	3	0.8	0.3	14.2
E021749	0.087	0.027	0.04	19.6	19.7	0.53	200	3.83	0.01	0.67	30	0.101	23.7	8.1	0.001	0.03	1.415	3	1.2	0.4	15.8
E021750	0.086	0.026	0.04	15.8	20.8	0.5	212	4.94	0.01	0.46	29.8	0.112	24	6.2	0.001	0.05	1.915	2.1	1.1	0.3	21.5
E021751	0.068	0.024	0.05	18.2	17.4	0.49	281	3.58	0.01	0.57	28	0.114	21.2	7.2	0.001	0.05	1.31	3.1	1.1	0.3	18.5

SAMPLE	Hg (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (ppm)	Sr (ppm)
E021752	0.082	0.027	0.04	15.4	16.7	0.59	310	2.4	0.01	0.54	22.2	0.121	18.45	7.9	0.001	0.05	0.735	2.7	0.6	0.4	18.5
E021753	0.066	0.029	0.04	15.1	16.2	0.6	311	2.24	0.01	0.59	21.6	0.122	16.65	10	0.001	0.05	2.35	2.9	1	0.4	20.9
E021754	0.054	0.026	0.04	15	16.6	0.64	377	2.33	0.01	0.53	21	0.128	19.45	8.5	0.001	0.03	0.81	3.3	0.8	0.4	15.3
E021755	0.089	0.031	0.04	12.9	16.2	0.68	687	2.48	0.02	0.48	23.4	0.131	21.4	8.1	<0.001	0.08	0.997	3.1	0.6	0.4	21.4
E021756	0.058	0.027	0.05	14.4	15.7	0.71	746	2.32	0.01	0.5	24.5	0.109	22.8	11	<0.001	0.05	0.955	3	0.7	0.4	20.4
E021757	0.032	0.02	0.04	12.7	12.5	0.62	391	1.84	0.01	0.45	18.3	0.117	17.6	7.3	0.001	0.03	0.923	2.2	0.5	0.4	14.9
E021758	0.043	0.016	0.04	9.4	6.8	0.3	150	2.17	0.01	0.64	12.1	0.058	20.8	8.5	<0.001	0.05	0.831	1	0.6	0.5	7.7
E021759	0.06	0.031	0.05	13.9	18.3	0.65	808	2.43	0.01	0.61	29.9	0.093	27	10.8	0.001	0.05	1.255	3.1	0.8	0.4	26
E021760	0.04	0.029	0.05	13.6	15.3	0.55	958	2.2	0.01	0.92	26.4	0.075	22.4	9.2	<0.001	0.02	1.21	3.7	0.3	0.4	19.3
E021921	0.059	0.024	0.02	7.5	19.7	0.61	1130	2.96	<0.01	0.11	35.4	0.14	19.75	3	<0.001	0.05	1.575	5.1	1.3	<0.2	23
E021922	0.039	0.016	0.02	19.6	9	0.24	352	3.9	<0.01	0.12	20.7	0.202	23.1	3.3	<0.001	0.02	1.555	1.8	1	<0.2	15
E021923	0.03	0.019	0.02	16.8	9.6	0.31	1140	4.4	<0.01	0.05	31.3	0.209	23.2	2.7	<0.001	0.06	1.855	2.5	1.1	<0.2	20.1
E021924	0.046	0.019	0.03	10.1	13.1	0.45	886	2.43	0.01	0.35	21.3	0.119	20	6.5	0.001	0.15	0.907	2.4	1	0.2	30.9
E021925	0.055	0.018	0.03	10.6	12.3	0.45	788	2.65	0.01	0.35	21.2	0.13	19.1	7.2	<0.001	0.12	0.925	2.5	1	0.2	24.6
E021926	0.062	0.024	0.04	13.9	14.1	0.47	1180	3.86	0.01	0.37	32.9	0.136	64.8	9.2	<0.001	0.06	7.46	2.9	1.6	0.3	23.2
E021927	0.048	0.022	0.04	15.1	13	0.45	1990	3.46	<0.01	0.27	33.8	0.145	94.1	8.3	<0.001	0.04	13.8	2.5	1.2	0.3	16.8
E021928	0.044	0.018	0.04	13	14.8	0.51	964	3.44	<0.01	0.3	27.4	0.147	68.8	8.4	<0.001	0.05	11.9	2.7	1.8	0.3	18.5
E021929	0.045	0.018	0.04	11.8	13.1	0.5	845	2.86	<0.01	0.28	24.6	0.143	67.7	7.5	<0.001	0.05	8.78	2.5	1.4	0.3	16.4
E021930	0.03	0.019	0.03	12.9	15.8	0.5	777	2.9	<0.01	0.27	26.5	0.152	52.5	7	0.001	0.04	4.06	2	1.2	0.2	20.8
E021931	0.053	0.023	0.04	10.1	12.4	0.45	768	2.93	0.01	0.28	25.6	0.132	50.9	7.7	<0.001	0.05	4.73	1.9	1.7	0.2	28
E021932	0.043	0.024	0.04	10.2	13.7	0.59	709	3.22	0.01	0.27	26.7	0.126	52.4	8.1	0.004	0.06	3.01	2.3	2.3	0.2	28.1
E021933	0.026	0.013	0.03	10.6	10.5	0.41	348	2.86	0.01	0.19	18.3	0.164	37.2	5.4	0.001	0.05	1.71	1.8	1.8	<0.2	21.5
E021934	0.055	0.022	0.04	12	9.7	0.41	1050	3.11	0.01	0.17	26.6	0.164	72.1	6.6	0.001	0.06	12.35	2.3	1.2	0.2	20.3
E021935	0.092	0.022	0.04	14.4	10.1	0.45	1410	2.63	0.01	0.28	32.3	0.124	202	6.1	0.001	0.07	4.7	2.6	1.3	0.3	18
E021936	0.018	0.018	0.03	15	5.8	0.23	282	3.49	0.01	0.28	27.5	0.238	25.5	3.1	<0.001	0.01	2.01	2.2	1.1	<0.2	18.3
E021937	0.061	0.021	0.04	12.2	13.6	0.51	592	3.16	0.01	0.38	26.1	0.112	86.5	6.9	<0.001	0.03	1.86	2.6	1.3	0.3	19.5
E021938	0.053	0.017	0.03	12.1	14.3	0.53	544	3.19	0.01	0.38	22.9	0.099	20.6	6.3	<0.001	0.03	1.005	2.7	1	0.2	16.5
E021939	0.045	0.02	0.03	13.2	14.3	0.48	520	3.82	0.01	0.34	26.4	0.117	38.7	5.5	<0.001	0.05	1.505	2.4	1.4	0.2	19.7
E021940	0.063	0.026	0.04	12.7	17.8	0.57	504	4.4	0.01	0.35	29.6	0.123	20.4	7.2	<0.001	0.05	1.305	2.7	1.6	0.2	20.7
E021941	0.071	0.018	0.03	9.6	14.3	0.51	922	2.85	0.01	0.37	23.9	0.106	16.8	6.9	0.001	0.07	0.856	2.3	1.5	0.2	33.8
E021942	0.074	0.02	0.04	12.7	14.6	0.55	982	2.98	0.01	0.4	21.5	0.102	34.6	7	<0.001	0.04	0.909	3.1	1.4	0.3	22.8
E021943	0.076	0.02	0.04	12.1	14.5	0.51	674	3.52	0.01	0.38	25	0.114	33.3	7.8	0.001	0.05	1.085	2.6	1.2	0.3	22.1
E021944	0.072	0.022	0.04	15.3	15.8	0.67	312	2.91	0.01	0.47	24.7	0.107	167.5	7.4	<0.001	0.02	1.365	3.5	1.4	0.3	17.3
E021945	0.104	0.019	0.04	13.2	15.4	0.58	1270	2.72	0.01	0.43	19.9	0.099	18.55	8.6	<0.001	0.04	0.63	2.8	0.9	0.3	15.3
E021946	0.082	0.022	0.04	15.2	15.9	0.6	423	2.69	0.01	0.5	21.4	0.081	16.6	9	<0.001	0.02	0.687	3	1.2	0.4	16.4
E021947	0.054	0.023	0.04	14	15.9	0.61	243	2.82	0.01	0.49	20.4	0.103	20.4	8.1	0.001	0.03	0.785	2.8	1.1	0.3	16
E021948	0.072	0.025	0.04	16.4	16.2	0.61	436	3.09	0.01	0.47	23.8	0.109	18.2	9	<0.001	0.03	1.005	3.2	1.2	0.3	21.3
E021949	0.086	0.022	0.04	13.9	17.5	0.68	1290	3.97	0.01	0.48	22.4	0.101	18.05	9.7	<0.001	0.04	0.82	3.2	1.2	0.3	25.7
E021950	0.072	0.027	0.04	16.7	17.5	0.7	736	4.39	0.01	0.44	22.1	0.094	17.85	9.3	<0.001	0.03	0.818	2.9	1.2	0.3	27.6
E021951	0.123	0.027	0.05	19	19.7	0.81	1310	5.17	0.01	0.54	27	0.096	19.5	12.5	<0.001	0.05	0.779	3.9	1.3	0.4	32.3
E021952	0.117	0.025	0.05	16.3	19.5	1.01	620	3.61	0.01	0.56	26.1	0.093	16.8	12.3	<0.001	0.04	0.734	3.7	1.2	0.4	31.9
E021953	0.053	0.026	0.06	16.4	20.5	1.3	627	2.28	0.01	0.72	29.9	0.095	17	13.2	<0.001	0.04	0.805	5.1	1.2	0.5	31.5
E021954	0.067	0.027	0.06	16.7	20.5	1.03	665	3.03	0.01	0.64	29.6	0.102	17.65	11.7	<0.001	0.05	1.06	4.6	1.1	0.4	36.5
E021955	0.039	0.018	0.05	9.7	11.2	0.53	570	1.18	0.01	0.5	18.9	0.072	17.2	8.2	<0.001	0.04	0.933	2.1	0.2	0.3	13.6
E021956	0.035	0.017	0.05	13.3	13.2	0.51	715	1.26	0.01	0.68	22.5	0.078	24	8.8	<0.001	0.01	1.11	3.4	0.6	0.3	14.6
E021957	0.062	0.027	0.05	15.6	17.9	1.3	721	2.51	0.01	0.72	27.1	0.115	13.7	13.2	0.001	0.06	0.637	4.1	1.5	0.4	34.4
E021958	0.06	0.028	0.05	16.4	17	1.03	559	3.1	0.01	0.68	27	0.115	18.4	11.3	<0.001	0.04	0.768	3.4	1.4	0.3	27.7
E021959	0.074	0.029	0.06	17.5	21.1	1.42	1180	3.14	0.01	0.79	32.6	0.112	14.2	16.1	0.002	0.08	0.55	4.4	1.8	0.4	30.2
E021960	0.068	0.029	0.06	15.7	21.5	1.36	531	3.47	0.01	0.83	29.1	0.107	14.2	16.8	0.001	0.05	0.465	4.1	1.5	0.4	29.8

SAMPLE	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Ti (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
E009321	<0.01	0.03	0.8	0.038	0.15	1.2	55	0.3	6	71.8	<0.5
E009322	<0.01	0.03	1.1	0.032	0.16	1.34	49	0.24	4.7	69	0.5
E009323	<0.01	0.03	0.9	0.028	0.14	1.7	39	0.22	5.71	65.6	0.5
E009324	<0.01	0.04	0.7	0.028	0.1	1.06	36	0.29	5.05	59.2	<0.5
E009325	<0.01	0.04	1.3	0.032	0.09	1.12	36	0.24	4.57	64.2	<0.5
E009326	<0.01	0.03	1.7	0.048	0.11	1.13	51	0.34	4.85	89.6	<0.5
E009327	<0.01	0.04	2.9	0.057	0.16	1.03	66	0.15	6.84	76.5	0.8
E009328	<0.01	0.01	1.9	0.057	0.17	1.13	72	0.17	8.28	80.7	1.2
E009329	<0.01	0.03	2.5	0.049	0.19	1.49	61	0.16	5.95	100.5	1.3
E009330	<0.01	0.02	1.9	0.044	0.24	1.54	63	0.14	7.66	105.5	1.1
E009331	<0.01	0.06	5.4	0.042	0.1	3.52	44	0.14	9.78	115	3.5
E009332	<0.01	0.02	1.5	0.043	0.24	1.5	55	0.17	10.15	76.2	1.4
E009333	<0.01	0.05	1.4	0.049	0.26	1.03	74	0.15	7.21	97.7	1
E009334	<0.01	0.03	1.4	0.049	0.21	0.79	71	0.14	5.22	86	0.8
E009361	<0.01	0.04	1.4	0.027	0.14	1.91	46	0.15	6.76	66	0.6
E009362	<0.01	0.02	2.1	0.033	0.14	1.56	55	0.17	6.64	91.8	0.8
E009363	<0.01	0.03	2.2	0.037	0.16	1.45	52	0.16	7.52	99.9	1.1
E009364	<0.01	0.02	1.8	0.036	0.13	1.37	46	0.2	7.38	83.3	1.1
E009365	<0.01	0.04	2.1	0.043	0.16	1.2	56	0.21	6.55	86.9	1
E009366	<0.01	0.04	2.3	0.039	0.13	1.35	51	0.22	6.42	139	1.2
E009367	<0.01	0.03	2.4	0.06	0.2	1.2	63	0.16	7.36	102.5	1.4
E009368	<0.01	0.08	3.6	0.023	0.11	10.95	34	0.11	19.55	179.5	1.5
E009369	<0.01	0.01	3.2	0.073	0.17	1.17	57	0.15	6.74	76.5	1.1
E009370	<0.01	0.03	4.4	0.09	0.16	0.86	53	0.15	7.21	65.2	1.9
E009371	<0.01	0.04	3.7	0.086	0.19	0.99	67	0.12	6.48	75.9	2.1
E009372	<0.01	0.04	1	0.1	0.13	0.58	98	0.25	5.32	76.6	0.8
E009373	<0.01	0.03	0.9	0.086	0.09	0.69	76	0.26	4.15	65.2	0.5
E009374	<0.01	0.01	1.5	0.054	0.16	1.12	79	0.29	7.67	82.6	0.9
E021631	<0.01	0.02	2.6	0.026	0.11	0.89	32	0.16	5.99	78.1	1
E021632	<0.01	0.02	4.6	0.019	0.09	1.69	25	0.15	7.63	105.5	2.3
E021633	<0.01	0.01	2.2	0.022	0.1	1.5	29	0.25	8.37	81.2	1.7
E021634	<0.01	0.01	1.5	0.023	0.14	1.22	33	0.21	8.2	81.7	1.1
E021635	<0.01	0.02	1	0.03	0.17	0.81	35	0.17	3.87	66.6	<0.5
E021636	<0.01	0.01	1.4	0.026	0.13	1.22	31	0.23	5.16	67	<0.5
E021637	<0.01	0.03	3	0.012	0.07	1.09	18	0.1	10.85	111.5	0.5
E021638	<0.01	0.04	4.9	0.01	0.04	0.87	13	0.07	16.2	97.9	1.6
E021639	<0.01	0.03	3.8	0.016	0.09	0.79	21	0.14	10.15	79.6	1.2
E021640	<0.01	0.02	0.6	0.009	0.09	0.88	19	0.11	6.04	42.9	<0.5
E021642	<0.01	0.04	6.1	0.008	0.04	0.65	9	0.07	15.85	110	1.6
E021643	<0.01	0.03	3.1	0.01	0.04	0.64	12	0.1	11.55	89.8	0.6
E021644	<0.01	0.03	3.7	0.011	0.05	1.34	16	0.09	15.5	86.2	2
E021645	<0.01	0.08	7.6	0.005	0.06	1.57	11	0.09	10.25	151.5	7
E021646	<0.01	0.05	4	0.009	0.06	1.12	20	0.13	9.25	93.6	2.1
E021647	<0.01	0.08	5.8	0.007	0.06	1.62	15	0.16	15.6	179	1.8
E021648	<0.01	0.04	6.4	0.003	0.05	0.88	5	0.04	16.75	112.5	4.4
E021649	<0.01	0.05	2.8	0.068	0.13	1.01	79	0.27	7.98	106.5	0.8
E021650	<0.01	0.02	2.6	0.045	0.12	1.23	62	0.22	6.5	97.4	1.3
E021651	<0.01	0.02	2.7	0.053	0.13	1.36	68	0.24	8.28	95.6	0.9
E021652	<0.01	0.04	1.9	0.052	0.14	1.15	73	0.19	7.49	91.7	0.8
E021653	<0.01	0.04	2.3	0.049	0.13	1.31	69	0.26	8.57	118.5	1.2

SAMPLE	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Ti (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
E021654	<0.01	0.04	2.7	0.027	0.1	1.2	42	0.19	6.79	90.7	2.1
E021655	<0.01	0.04	3.1	0.03	0.11	1.95	46	0.21	7.2	101	2.4
E021656	<0.01	0.02	3.3	0.037	0.08	1.2	34	0.18	6.64	77.3	2.2
E021657	<0.01	0.04	3.3	0.029	0.1	1.35	43	0.24	6.48	87.9	1.8
E021658	<0.01	0.03	2.1	0.021	0.1	1.51	35	0.22	6.85	64.5	1.8
E021659	<0.01	0.04	2.5	0.031	0.11	1.87	41	0.34	8.96	86.5	1
E021660	<0.01	0.02	2.1	0.029	0.12	0.82	36	0.23	4.8	88.7	0.6
E021661	<0.01	0.02	3.9	0.059	0.1	1.15	51	0.33	4.98	74.3	1.1
E021662	<0.01	0.05	3.1	0.031	0.1	1.89	40	0.17	8.83	86.7	1.7
E021663	<0.01	0.03	2.3	0.058	0.13	1.26	69	0.49	7.56	158.5	0.6
E021664	<0.01	0.07	3.1	0.057	0.11	1.45	60	0.32	8.36	109.5	1
E021665	<0.01	0.04	3.4	0.056	0.1	1.5	55	0.21	7.96	91.9	1
E021666	<0.01	0.04	4.2	0.052	0.1	1.4	48	0.27	9.26	106	1.6
E021667	<0.01	0.05	2.3	0.046	0.12	1.74	58	0.29	7.25	77.4	0.7
E021668	<0.01	0.04	2.1	0.043	0.15	1.94	62	0.22	6.06	82.4	0.6
E021669	<0.01	0.03	2.2	0.044	0.14	1.93	58	0.35	6.59	78.4	0.7
E021670	<0.01	0.04	2	0.043	0.13	2.01	60	0.24	5.82	82.3	0.8
E021671	<0.01	0.04	2.7	0.049	0.1	2.22	47	0.19	5.89	66.4	0.6
E021672	<0.01	0.03	2	0.036	0.13	2.17	51	0.2	5.3	72	0.5
E021673	<0.01	0.02	1.9	0.036	0.14	1.73	53	0.21	5.16	72.3	0.5
E021674	<0.01	0.04	2.1	0.034	0.12	1.62	43	0.18	5.77	70.6	0.7
E021675	<0.01	0.01	2.1	0.036	0.11	1.87	46	0.16	5.19	67.1	0.5
E021676	<0.01	0.08	2.2	0.025	0.13	2.41	44	0.14	5.81	61.4	0.8
E021677	<0.01	0.03	2.1	0.026	0.12	1.89	43	0.13	6.19	64	0.6
E021678	<0.01	0.02	2.3	0.03	0.13	1.37	40	0.18	5.46	62.5	0.5
E021679	<0.01	0.04	3.1	0.038	0.11	1.3	43	0.48	5.34	66.6	0.6
E021680	<0.01	0.05	2.2	0.029	0.12	1.48	41	0.15	5.04	63.8	0.7
E021729	<0.01	0.03	4.9	0.005	0.05	1.05	9	0.13	9.25	96.8	1.2
E021730	<0.01	0.03	3.6	0.005	0.05	1.02	11	0.08	10.05	106	2.5
E021731	<0.01	0.03	3	0.011	0.08	2.43	21	0.22	11.8	119.5	2.7
E021732	<0.01	0.03	3.8	0.014	0.08	1.17	22	0.1	6.8	64.5	1.4
E021733	<0.01	0.02	3	0.014	0.1	0.96	27	0.17	6.74	67.4	1
E021734	<0.01	0.02	1.7	0.007	0.05	1.84	11	0.07	7.86	67.4	2.6
E021735	0.01	0.04	0.3	0.012	0.02	0.21	4	0.09	1.26	34	2.6
E021736	<0.01	0.05	2.3	0.021	0.07	1.13	29	0.22	11.5	114	2
E021737	<0.01	0.02	4.4	0.016	0.08	0.63	26	0.14	8.74	86	1.7
E021738	<0.01	0.02	8	0.001	0.03	0.61	3	0.07	15.35	108	10.4
E021739	<0.01	0.04	7.4	0.021	0.07	0.79	18	0.11	14.65	155	5.4
E021740	<0.01	0.02	6	0.019	0.07	0.81	26	0.1	14.8	104	3
E021741	<0.01	0.01	5.7	0.018	0.06	0.72	21	0.12	11.65	78.5	2.4
E021742	<0.01	0.02	1.4	0.031	0.12	1.44	38	0.18	5.76	67.9	<0.5
E021743	<0.01	0.03	2.4	0.042	0.11	1.09	40	0.31	4.71	69.4	<0.5
E021744	<0.01	0.03	1.2	0.039	0.1	0.75	35	0.21	4.46	65.6	<0.5
E021745	<0.01	0.03	1.7	0.042	0.11	0.75	36	0.21	4.32	64.7	<0.5
E021746	<0.01	0.04	2.8	0.047	0.12	1.01	37	0.2	5.79	78.4	0.5
E021747	<0.01	0.04	1.1	0.037	0.1	0.92	33	0.2	4.3	58.2	<0.5
E021748	<0.01	0.02	3.7	0.049	0.12	1.26	36	0.32	5.9	83.9	0.9
E021749	<0.01	0.04	3.4	0.035	0.12	1.59	35	0.23	7	91.4	0.8
E021750	<0.01	0.05	2.3	0.024	0.12	1.56	32	0.17	6	91.3	0.7
E021751	<0.01	0.04	3	0.033	0.13	1.56	34	0.28	7.69	83.2	0.7

SAMPLE	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Ti (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
E021752	<0.01	0.02	1.3	0.03	0.15	1.19	37	0.2	8.12	74.9	<0.5
E021753	<0.01	0.04	1.3	0.033	0.14	1.11	39	0.28	7.48	80.4	<0.5
E021754	<0.01	0.02	2.2	0.036	0.13	1.02	37	0.38	7.13	83.4	0.5
E021755	<0.01	0.02	0.8	0.033	0.18	1.34	43	0.2	8	85.3	<0.5
E021756	<0.01	0.05	0.8	0.039	0.19	1.16	44	0.2	9.34	92.9	<0.5
E021757	<0.01	0.02	0.8	0.041	0.14	0.84	38	0.19	5.39	64	<0.5
E021758	<0.01	0.03	0.2	0.034	0.16	0.56	51	0.2	1.84	40.3	<0.5
E021759	<0.01	0.04	0.8	0.047	0.18	1.15	54	0.43	7.36	101.5	<0.5
E021760	<0.01	0.04	2.6	0.07	0.15	0.98	54	0.66	6.6	80.4	0.6
E021921	<0.01	0.01	3.6	0.007	0.03	1.44	40	0.04	10.65	96	2
E021922	<0.01	0.01	6.9	0.005	0.03	0.68	11	0.05	9.31	73.3	2.1
E021923	<0.01	<0.01	6.2	0.003	0.03	0.6	9	0.05	10.9	96.9	2.8
E021924	<0.01	<0.01	2.3	0.018	0.09	1.1	24	0.11	8.74	78.8	1.5
E021925	<0.01	<0.01	2.7	0.019	0.09	1.03	24	0.21	8.32	80.3	1.2
E021926	<0.01	0.05	2.4	0.019	0.15	1.46	29	0.14	10.4	235	0.9
E021927	<0.01	0.01	2.2	0.02	0.18	1.39	29	0.13	9.89	414	0.6
E021928	<0.01	0.03	2.1	0.017	0.14	1.84	30	0.1	9.86	255	1
E021929	<0.01	0.02	2	0.02	0.11	1.41	29	0.1	9.3	281	0.8
E021930	<0.01	0.02	1.8	0.018	0.12	1.79	28	0.11	9.65	198.5	0.8
E021931	<0.01	0.04	1.9	0.019	0.1	2.64	25	0.15	7.54	215	1.5
E021932	<0.01	0.02	2.1	0.016	0.12	3.33	28	0.11	9.45	190.5	1.9
E021933	<0.01	0.02	2.8	0.011	0.08	2.61	18	0.08	9.44	115.5	1.9
E021934	<0.01	0.03	3.8	0.01	0.12	1.86	19	0.06	10.65	325	2.7
E021935	<0.01	0.04	4.2	0.018	0.09	1	24	0.15	9.28	242	1.4
E021936	<0.01	0.01	6.3	0.02	0.05	0.71	16	0.09	13.2	82.8	6.5
E021937	<0.01	0.03	3.2	0.023	0.08	1.34	32	0.16	8.22	87.3	1.4
E021938	<0.01	0.02	3.4	0.022	0.08	1.47	33	0.24	7.14	78	1.4
E021939	<0.01	0.01	3.7	0.019	0.06	1.55	27	0.12	8.45	96.6	1.7
E021940	<0.01	0.03	3.9	0.022	0.07	1.77	31	0.2	8.82	97.9	2
E021941	<0.01	0.03	2	0.017	0.07	1.8	28	0.17	7.31	80.6	2.2
E021942	<0.01	0.03	3.1	0.019	0.1	2.09	33	0.16	8.15	108.5	2
E021943	<0.01	0.04	2.9	0.021	0.08	1.91	31	0.15	7.72	111	1.7
E021944	<0.01	0.02	5.3	0.026	0.08	2.59	36	0.19	8.77	151.5	1.9
E021945	<0.01	0.02	2.5	0.024	0.13	1.44	38	0.17	5.45	83.5	0.8
E021946	<0.01	0.01	2.6	0.029	0.15	1.23	41	0.4	4.88	72.7	0.6
E021947	<0.01	0.02	2.7	0.034	0.14	1.18	41	0.3	5.04	77.1	0.6
E021948	<0.01	0.03	2.7	0.029	0.13	1.64	40	0.2	6.63	78.8	0.6
E021949	<0.01	0.04	1.9	0.032	0.17	1.75	45	0.24	5.8	84	0.5
E021950	<0.01	0.04	2.2	0.034	0.14	1.5	45	0.21	5.51	77.3	<0.5
E021951	<0.01	0.04	2.3	0.038	0.16	2.37	50	0.36	8.21	85.9	0.5
E021952	<0.01	0.03	2.1	0.048	0.14	1.23	60	0.23	5.77	84.1	<0.5
E021953	<0.01	0.02	1.9	0.064	0.16	1.12	75	0.24	7.28	92.8	<0.5
E021954	<0.01	0.04	2.6	0.067	0.12	1.65	68	0.2	7.29	96.5	0.5
E021955	<0.01	0.02	0.6	0.06	0.12	0.76	54	0.27	3.98	80.2	<0.5
E021956	<0.01	0.04	2.3	0.077	0.14	0.89	52	0.3	5.87	96.1	<0.5
E021957	<0.01	0.02	1.8	0.047	0.16	1.17	67	0.18	6.82	83.4	1.3
E021958	<0.01	0.04	2.3	0.047	0.13	1.23	56	0.17	6.74	86.4	1.2
E021959	<0.01	0.03	1.7	0.05	0.18	1.18	71	0.18	7.61	89.9	1
E021960	<0.01	0.04	1.6	0.052	0.19	1.07	69	0.2	5.47	97.3	0.7

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 Elsa, Yukon this 26th day of May, 2013.



Al McOnie