

# 2013 Assessment Report

Property comprising the following Claim:

## **K 97**

Located in the:

Keno Hill Area

Mayo Mining District

Yukon Territory, Canada

N.T.S. 105M14

UTM NAD 83, Zone 8

Easting: 489,260

Northing: 7,092,270

## **Prepared For:**

Alexco Keno Hill Mining Corp.

of

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## **Prepared By:**

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Dates Work Performed: August 18<sup>th</sup>, 2013

Date of Report: December 30<sup>th</sup>, 2013

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## 1.0 Summary

Twelve soil samples were collected from a single line transecting the K 97 claim on the 18<sup>th</sup> of August, 2013.

Results show one anomalous silver value with a corresponding zinc anomaly and one lead anomaly with a corresponding zinc anomaly. Eight of the twelve samples are anomalous in copper.

## 2.0 Introduction

This report summarizes work carried out on the K 97 claim for Alexco Keno Hill Mining Corp. Twelve soil samples were collected for the purpose of exploration assessment by Alexco Resource Corp. staff on August 18<sup>th</sup>, 2013.

## 3.0 Location and Access

The K 97 claim is located in the Mayo Mining District, central Yukon approximately 350 km north of Whitehorse (Figure 1). The claim lies on the northern slopes of Keno Hill and access is from a series of old mining tracks leading from Keno City to the historic Lucky Queen Mine Shaft and into Faro Gulch. The claim is approximately 700 metres north on foot from the track access within Faro Gulch and is located at 489,260 East and 7,092,270 North (Figure 2). The base of operations for Alexco from which the work was carried out was Elsa, an abandoned mining town located 14 km west of Keno City on the Silver Trail Highway.

The claim area is covered by NTS map sheet 105M14. All coordinates are in a UTM NAD 83, Zone 8 map projection datum.

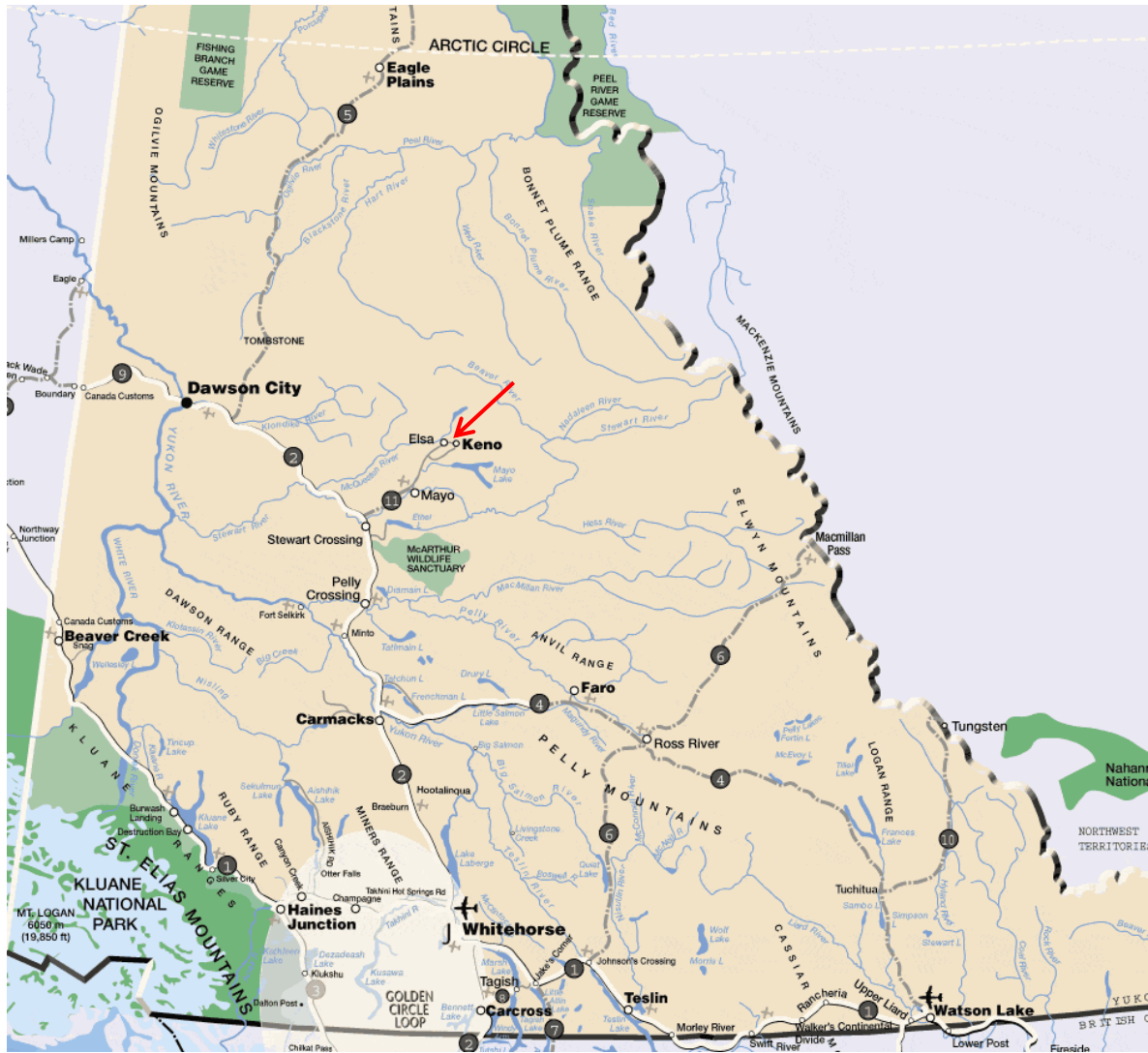


Figure 1. General location of the K 97 claim, Yukon Territory.

#### 4.0 Claim Status

The K 97 claim is active. The claim was originally staked in June of 2007 and prior to current work had an expiry date of December 15<sup>th</sup>, 2013. Previous exploration assessment work was completed by Alexco Resource Corp. staff (Anderson et al, 2008). This report is available online through the Yukon Government Energy, Mines, and Resources Branch and is referenced below.

The details for the claim can be found in Appendix 1. A list of personnel and work expenditures are included in Appendices 2 and 3 respectively.

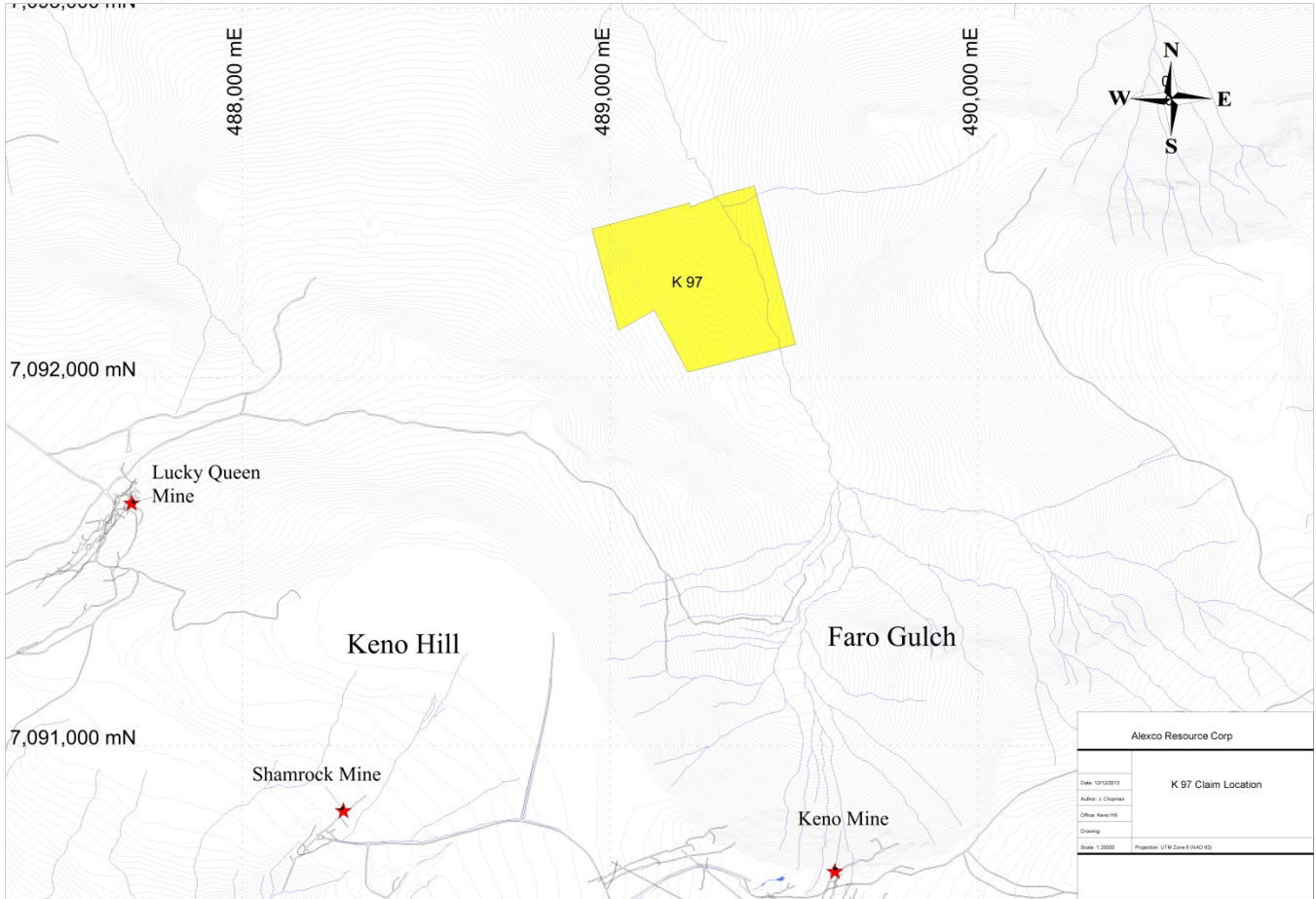


Figure 2. Location of the K 97 claim.

## 5.0 Regional Geology

The Keno Hill area containing the assessed claim is composed primarily of metasedimentary rocks deposited on the Neoproterozoic to Paleozoic continental margin located on the western margin of the Selwyn Basin (Murphy, 1997). These sediments were subject to greenschist facies regional metamorphism during the Jurassic and Cretaceous periods when compressional tectonics produced extensive folding, and imbricated thrust sheets. In the mid-Cretaceous these rocks were subject to further tectonic activity resulting in extensive brittle deformation and emplacement of igneous intrusives.

The Groups that underlie the Keno Hill area and host most of the past producing silver deposits are the Mississippian Keno Hill Quartzite, the Devonian Earn Group, and Triassic meta-gabbroic sills.

## 6.0 Local Geology

Mapping by Murphy (1997) shows the K 97 claim to be underlain by grey carbonaceous schist (DMEPT) and green-grey quartz-sericite-chlorite schist (DMEVT) of the Earn Group rocks. The Earn Group Rocks under the claim have been intruded by two greenstone sills (TRG). The claim lies within 1.3 – 2.3 km of the past producing Sadie Ladue, Lucky Queen, Shamrock, and Keno Mines on Keno Hill (Figure 2).

A map showing the local geology is shown in Figure 3 with an accompanying legend shown in Figure 4.

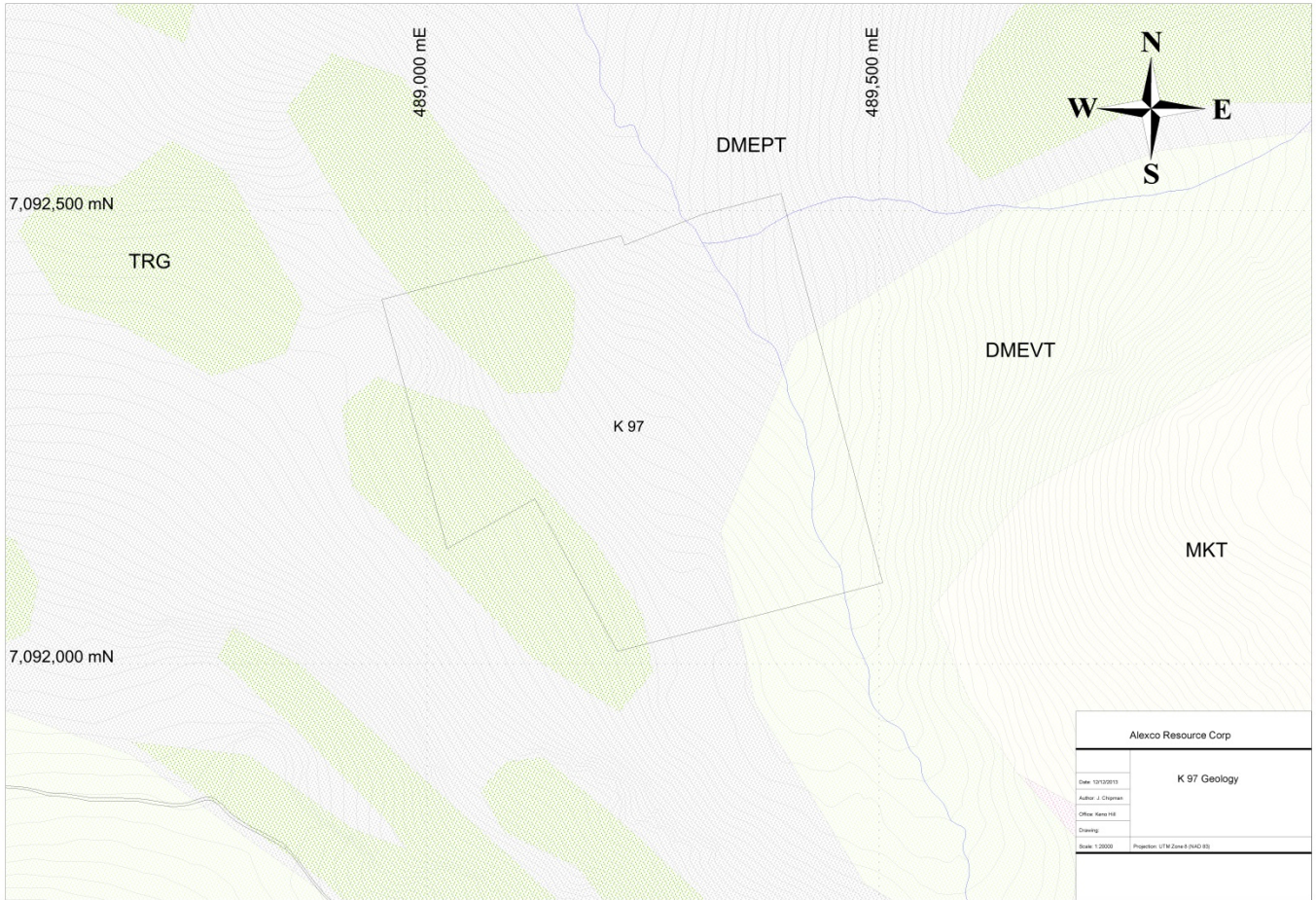
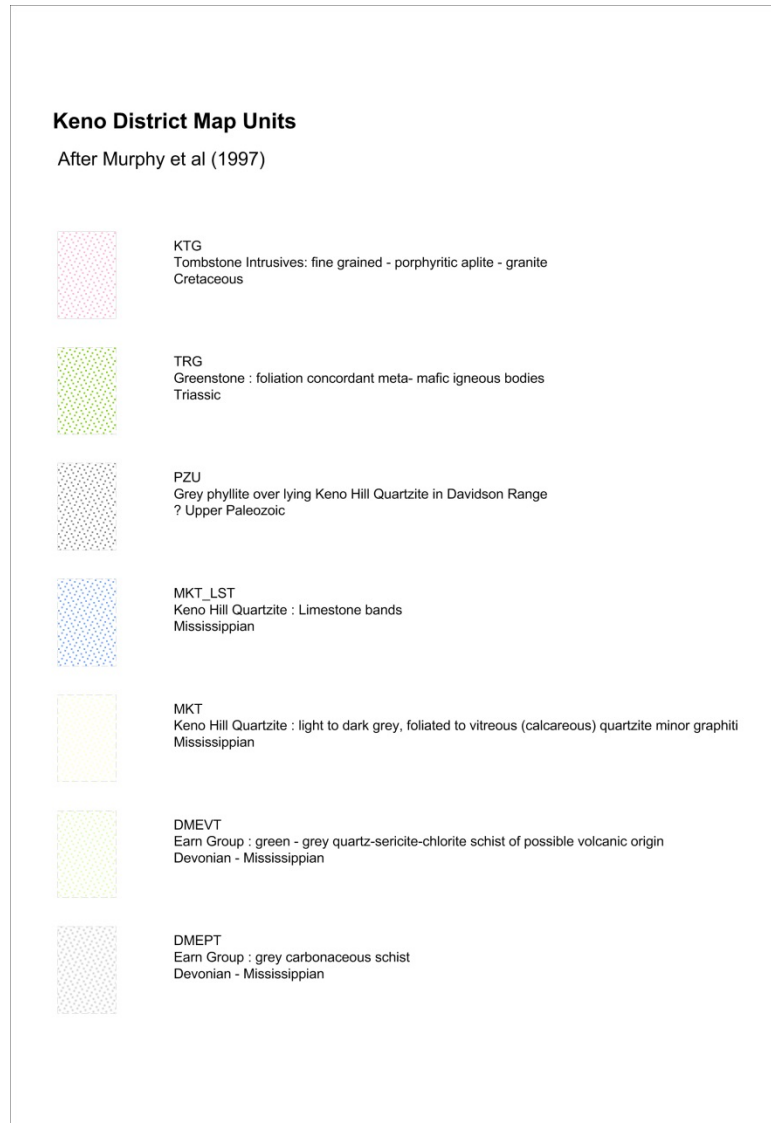


Figure 3. Local Geology of the K 97 claim (Murphy, 1997). For legend see figure 4.



*Figure 4. Legend for Murphy, 1997 geology.*

## 7.0 Soil Assessment and Results

One line of soil samples was collected on the K 97 claim (Figure 5). In total twelve samples were taken at 25 metre centers with the best attempt made to sample the more prospective “B” soil horizon. Samples were taken using a combination of shovels and or trowels and placed in paper sample bags for storage, each marked with its own sample number. All relevant data was recorded in the field then transferred to a digital format as shown in Appendix 4.

All samples were assayed for a 51 trace element analysis by Aqua regia, ICP-MS and ICP-AES by ALS Minerals Laboratory, North Vancouver, BC.

A copy of results, from certificate WH13163142 (finalized on the 23<sup>rd</sup> of September, 2013) is shown in Appendix 5.

### Results

Soil sample assay results are considered to be anomalous if the value is equal to or exceeds twice the established background level for that element. Background element values generally associated with mineralization for the Keno Hill area are:

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

One anomalous silver value (1.22 ppm) was returned (sample E020317) from the twelve samples taken on the claim. This sample had a zinc value of 230 ppm but no anomalous lead result. Sample E020324 had an anomalous lead value of 120 ppm, an anomalous zinc value of 218 ppm, and an anomalous antimony value of 14.8 ppm. Eight of the twelve samples (66%) had anomalous copper values with a maximum value of 341 ppm.

The location and anomalous silver, lead, zinc, and copper values are shown in Figure 5. Table 1 below shows the range of geochemical values received where maximum anomalous values are highlighted.

**Table 1. Range of Geochemical Soil Values for the K 97 Claim.**

Element	Minimum	Maximum	Mean	SD	Percentile25	Percentile50	Percentile75	Percentile90
Au_ME_MS41L_ppm	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01
Ag_ME_MS41L_ppm	0.21	1.22	0.62	0.31	0.38	0.62	0.80	0.98
Al_ME_MS41L_pct	0.67	1.94	1.23	0.34	0.99	1.28	1.31	1.60
As_ME_MS41L_ppm	12.75	67.50	37.88	18.12	25.13	35.95	48.65	60.77
B_ME_MS41L_ppm	-10.00	-10.00	-10.00	0.00	-10.00	-10.00	-10.00	-10.00
Ba_ME_MS41L_ppm	83.90	324.00	197.41	54.42	181.75	203.00	209.75	220.70
Be_ME_MS41L_ppm	0.12	0.59	0.34	0.12	0.30	0.36	0.39	0.40
Bi_ME_MS41L_ppm	0.07	0.40	0.19	0.09	0.12	0.21	0.23	0.25
Ca_ME_MS41L_pct	0.23	2.26	0.99	0.55	0.59	0.98	1.27	1.33
Cd_ME_MS41L_ppm	0.20	0.88	0.56	0.25	0.32	0.65	0.77	0.79
Ce_ME_MS41L_ppm	10.90	30.70	17.45	5.68	13.53	16.65	20.43	22.69
Co_ME_MS41L_ppm	5.21	21.30	14.48	4.91	11.38	16.38	17.65	18.28
Cr_ME_MS41L_ppm	13.55	30.10	22.25	4.56	19.79	22.75	25.73	26.52
Cs_ME_MS41L_ppm	1.01	5.36	2.42	1.43	1.64	1.83	2.79	4.67
Cu_ME_MS41L_ppm	48.30	341.00	113.43	80.69	67.18	85.55	122.88	169.90
Fe_ME_MS41L_pct	1.84	4.81	2.96	0.78	2.54	2.99	3.22	3.43
Ga_ME_MS41L_ppm	3.17	6.69	4.14	1.07	3.62	3.82	4.11	5.76
Ge_ME_MS41L_ppm	0.02	0.05	0.03	0.01	0.02	0.03	0.04	0.04
Hf_ME_MS41L_ppm	0.01	0.14	0.07	0.04	0.04	0.08	0.08	0.12
Hg_ME_MS41L_ppm	0.04	0.14	0.08	0.03	0.07	0.08	0.09	0.10
In_ME_MS41L_ppm	0.02	0.04	0.03	0.01	0.02	0.03	0.03	0.04
K_ME_MS41L_pct	0.03	0.10	0.04	0.02	0.03	0.04	0.04	0.06
La_ME_MS41L_ppm	5.58	14.75	8.96	2.69	6.98	8.93	10.28	11.67
Li_ME_MS41L_ppm	6.30	21.30	15.93	4.99	14.68	17.20	18.85	21.07
Mg_ME_MS41L_pct	0.36	1.33	0.62	0.25	0.49	0.57	0.64	0.73
Mn_ME_MS41L_ppm	140.00	826.00	542.54	217.77	487.00	606.00	644.75	770.90
Mo_ME_MS41L_ppm	0.61	6.97	3.02	1.73	1.82	3.07	3.94	4.04
Na_ME_MS41L_pct	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01
Nb_ME_MS41L_ppm	0.31	0.68	0.41	0.12	0.34	0.37	0.41	0.64
Ni_ME_MS41L_ppm	14.70	42.30	28.78	8.36	23.98	30.75	33.78	36.10
P_ME_MS41L_pct	0.06	0.12	0.09	0.02	0.08	0.09	0.10	0.12
Pb_ME_MS41L_ppm	8.33	120.00	38.06	33.15	12.85	31.75	45.18	74.41
Pd_ME_MS41L_ppm	0.00	0.04	0.01	0.01	0.00	0.00	0.01	0.02

Pt_ME_MS41L_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rb_ME_MS41L_ppm	4.21	10.65	7.15	2.09	5.70	6.55	8.31	10.25
Re_ME_MS41L_ppm	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
S_ME_MS41L_pct	0.04	0.14	0.08	0.03	0.07	0.08	0.09	0.12
Sb_ME_MS41L_ppm	0.98	14.80	3.72	4.12	1.43	2.40	3.19	8.54
Sc_ME_MS41L_ppm	1.12	6.31	2.64	1.40	2.07	2.34	2.55	4.13
Se_ME_MS41L_ppm	0.30	3.40	1.73	0.88	1.08	1.70	2.08	2.84
Sn_ME_MS41L_ppm	0.16	0.40	0.23	0.07	0.19	0.21	0.26	0.30
Sr_ME_MS41L_ppm	9.29	65.60	42.84	18.14	27.63	48.60	55.08	63.22
Ta_ME_MS41L_ppm	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-0.01	-0.01
Te_ME_MS41L_ppm	0.02	0.08	0.05	0.02	0.04	0.06	0.07	0.08
Th_ME_MS41L_ppm	0.41	3.49	1.74	0.84	1.29	1.57	2.15	2.69
Ti_ME_MS41L_pct	0.01	0.09	0.03	0.02	0.01	0.02	0.04	0.04
Tl_ME_MS41L_ppm	0.06	0.16	0.10	0.03	0.08	0.10	0.11	0.15
U_ME_MS41L_ppm	0.42	2.48	1.62	0.66	1.21	1.86	2.08	2.28
V_ME_MS41L_ppm	24.60	107.50	44.76	25.08	30.05	36.00	46.85	77.24
W_ME_MS41L_ppm	0.07	0.16	0.11	0.04	0.08	0.09	0.14	0.16
Y_ME_MS41L_ppm	1.99	9.23	6.33	2.11	5.92	6.81	7.68	7.98
Zn_ME_MS41L_ppm	50.50	230.00	140.26	55.03	102.55	147.75	167.25	214.35
Zr_ME_MS41L_ppm	0.65	4.13	2.45	1.17	1.70	2.68	3.18	3.83

## 8.0 Conclusions and Recommendations

Although the claim sits well within the Earn Group schists (generally less favorable for mineralization) 66% of the samples were anomalous in either silver, lead, zinc, or copper. The sample transect covers an area of steep topography and likely down slope soil creep may have resulted in the local displacement of results. These results are encouraging and follow up work is recommended in a denser grid of soil samples and or a small trenching program to try and expose bedrock and any geologic structures or veins possibly related to the past producing nearby mines that may extend from Keno Hill into Faro Gulch.

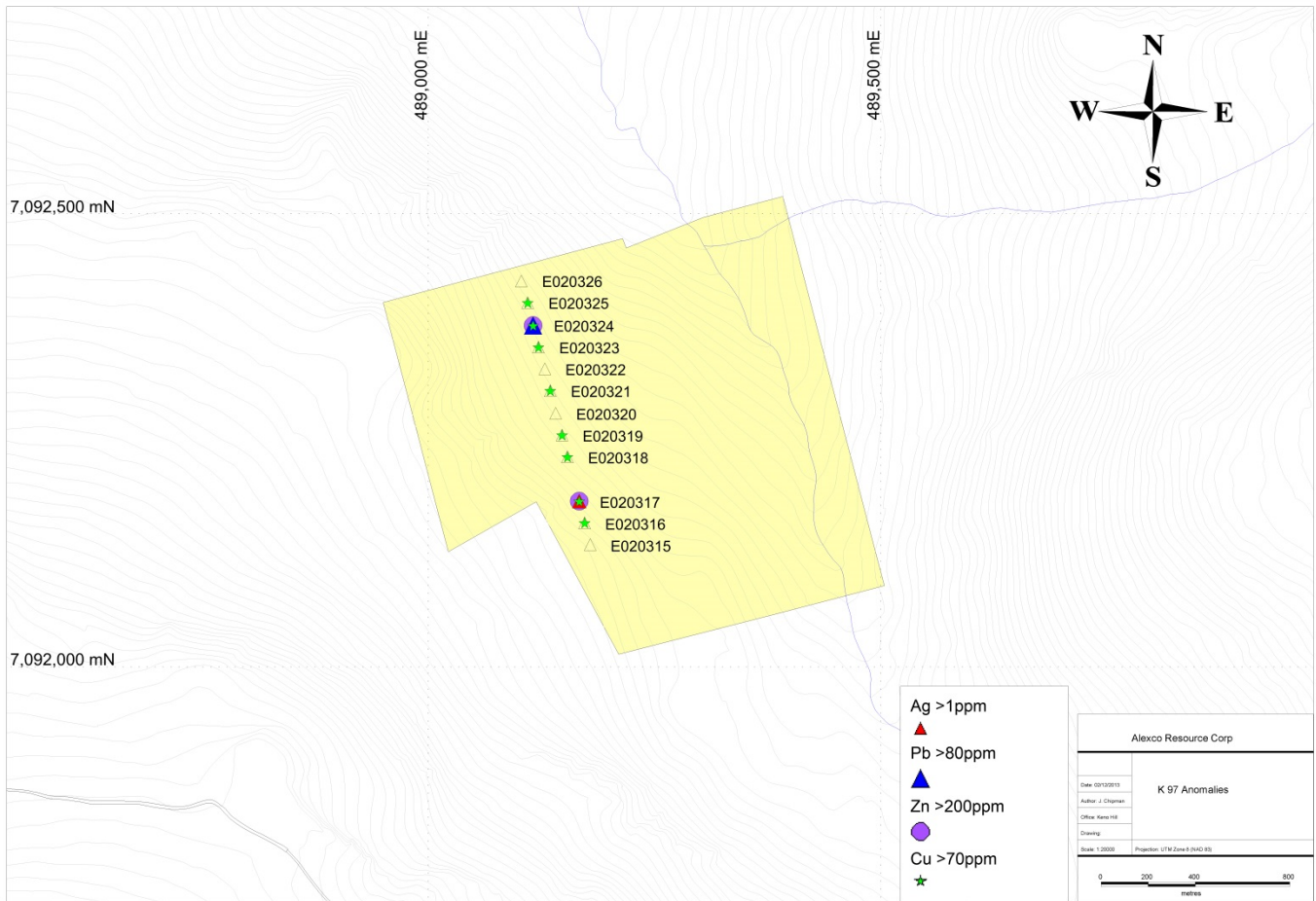


Figure 5. Highlighted symbols show anomalous silver, lead, zinc, and copper values from the 12 soil samples taken across the K 97 claim.

## 9.0 List of References

- Anderson, K., Lippoth, R., Dodd, S., 2008, 2008 geological, geochemical and XRF assessment report on the Keno Hill property. YGS Assesment Report Reference 095661.
- McOnie, A and P.B. Reid. 2009. Stratigraphy, Structure, and Exploration Opportunities Sourdough, Galena and part of Keno Hills, Keno Hill Mining Camp, Central Yukon. Internal Report 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

Quartz claim	Grant number	Drafting	Regulation	Tenure	Claim label	Owner	Staking date	Recorded date	Expiry date	District
185157465	YC56124	Quartz	Q	Active	K 97	Alexco Keno Hill Mining Corp. - 100%	14-Jun-07	15-Jun-07	15-Dec-13	Mayo

## Appendix 2

### List of Personnel

**Jared Chipman**

541 Saunders Road  
Deerfield, Nova Scotia  
B5A 5N7

**Dave Slocombe**

#306 – 1685 West 13<sup>th</sup> Ave  
Vancouver, BC

**Margaret McLennon**

1271 Southwood Drive  
Ottawa, Ontario  
K2C 3C4

### Appendix 3

#### Statement of Expenditures

Claim name	Grant numb	Owner	Field Staff and Reporting	Camp Overhead	Vehicles - support	Analytical	Est. Total
K 97	YC56124	Alexco Keno Hill Mining corp.	\$1,030.00	\$342.00	\$110.00	\$431.00	\$1,913.00

### Appendix 4

#### Soil Sample Descriptions

Sample Number	East	North	Claim	Depth (cm)	Horizon	Color	Silt %	Clay %	Organic %	Gravel %	Sand %	Comments
E020315	489179	7092135	K97	30	B	Brown - Grey	80	5	10	0	5	boulders with thick willows and conifers.
E020316	489173	7092159	K97	60	B	Dark Grey	70	5	20	0	5	boulders with thick willows and conifers.
E020317	489167	7092183	K97	60	B	Grey	75	5	10	0	10	boulders with thick willows and conifers.
E020318	489154	7092232	K97	50	B	Grey	75	10	0	0	15	boulders with thick willows and conifers.
E020319	489148	7092256	K97	25	B	Grey	85	5	5	0	5	boulders with thick willows and conifers.
E020320	489141	7092280	K97	15	B	Brown - Grey	90	0	5	0	5	boulders with thick willows and conifers.
E020321	489135	7092305	K97	40	B	Dark Brown	85	0	10	0	5	boulders with thick willows and conifers.
E020322	489129	7092329	K97	25	B	Dark Brown	30	0	0	20	250	boulders with thick willows and conifers.
E020323	489122	7092353	K97	50	B	Grey	70	10	10	0	10	boulders with thick willows and conifers.
E020324	489116	7092377	K97	50	B	Grey	60	10	0	20	10	boulders with thick willows and conifers.
E020325	489110	7092402	K97	50	B	Black	40	10	30	30	10	boulders with thick willows and conifers.
E020326	489103	7092426	K97	50	A/B	Black	45	5	20	20	30	boulders with thick willows and conifers.

## Appendix 5

### Soil Sample Assays

Sample Number	Wt_WEI2 1 kg	Au_ME_M S41L_ppm	Ag_ME_M S41L_ppm	Al_ME_M S41L_pct	As_ME_M S41L_ppm	B_ME_MS 41L_ppm	Ba_ME_M S41L_ppm	Be_ME_M S41L_ppm	Bi_ME_M S41L_ppm	Ca_ME_M S41L_pct	Cd_ME_M S41L_ppm	Ce_ME_M S41L_ppm	Co_ME_M S41L_ppm	Cr_ME_M S41L_ppm	Cs_ME_M S41L_ppm	Cu_ME_M S41L_ppm	Fe_ME_M S41L_pct	Ga_ME_M S41L_ppm	Ge_ME_M S41L_ppm	Hf_ME_M S41L_ppm
E020315	0.19	0.009	0.344	1.21	16.6	-10	182	0.28	0.226	0.78	0.335	20.3	11.55	20.6	1.155	66.5	2.62	3.78	0.021	0.08
E020316	0.13	0.0035	0.397	0.89	12.75	-10	206	0.19	0.193	1.33	0.197	12.25	5.21	16.75	1.005	76.6	1.84	3.57	0.017	0.079
E020317	0.13	0.004	1.22	1.32	27.8	-10	221	0.34	0.396	0.99	0.877	15.65	15.9	25.7	1.73	93.1	2.89	3.64	0.024	0.14
E020318	0.14	0.0037	0.991	1.29	44.8	-10	181	0.38	0.251	0.96	0.726	18.3	17.5	25.8	1.705	113.5	3.11	3.88	0.039	0.126
E020319	0.14	0.005	0.66	1.31	59.6	-10	185	0.32	0.223	1.21	0.768	14.55	17.35	23.1	1.765	95.9	3.07	3.85	0.03	0.083
E020320	0.19	0.0049	0.579	1.26	40	-10	202	0.4	0.226	0.53	0.261	20.8	14	22.7	1.89	57.8	2.91	4.15	0.031	0.07
E020321	0.12	0.0042	0.767	1.3	45	-10	207	0.37	0.22	1.25	0.776	17.65	18.1	22.8	1.97	78	3.18	4.09	0.043	0.085
E020322	0.36	0.0083	0.706	1.01	60.9	-10	155	0.31	0.207	0.4	0.788	30.7	16.85	19.9	1.44	67.4	3.44	3.25	0.045	0.081
E020323	0.17	0.0014	0.322	1.63	26.4	-10	324	0.4	0.121	0.61	0.587	22.9	18.3	30.1	4.77	172	3.34	5.94	0.032	0.022
E020324	0.28	0.0074	0.879	1.94	67.5	-10	218	0.59	0.078	1.32	0.422	13.95	21.3	26.6	5.36	341	4.81	6.69	0.054	0.03
E020325	0.15	0.0038	0.397	0.92	31.9	-10	204	0.38	0.074	2.26	0.715	10.9	10.85	13.55	2.45	151	2.29	3.17	0.023	0.049
E020326	0.16	0.0006	0.209	0.67	21.3	-10	83.9	0.12	0.106	0.23	0.282	11.45	6.83	19.45	3.8	48.3	1.98	3.69	0.015	0.01

Sample Number	Hg_ME_M S41L_ppm	In_ME_M S41L_ppm	K_ME_MS 41L_pct	La_ME_M S41L_ppm	Li_ME_MS 41L_ppm	Mg_ME_M MS41L_pp	Mn_ME_M MS41L_pp	Mo_ME_M MS41L_pp	Na_ME_M S41L_pct	Nb_ME_M S41L_ppm	Ni_ME_M S41L_ppm	P_ME_MS 41L_pct	Pb_ME_M S41L_ppm	Pd_ME_M S41L_ppm	Pt_ME_M S41L_ppm	Rb_ME_M S41L_ppm	Re_ME_M S41L_ppm	S_ME_MS 41L_pct	Sb_ME_M S41L_ppm	Sc_ME_M S41L_ppm
E020315	0.051	0.024	0.03	10.2	21.1	0.55	636	3	0.005	0.324	33.2	0.081	13.1	0.004	-0.002	5.83	0.006	0.08	1.535	2.02
E020316	0.066	0.016	0.03	6.33	12.8	0.36	140	2.52	0.007	0.39	20.6	0.097	8.33	0.004	-0.002	4.21	0.003	0.12	1.1	1.115
E020317	0.084	0.027	0.04	8.29	20.8	0.58	782	4.04	0.009	0.337	34.3	0.092	76.3	0.004	-0.002	6.61	0.004	0.08	2.12	2.28
E020318	0.077	0.025	0.04	9.56	21.3	0.63	603	3.92	0.008	0.334	36.3	0.099	41.1	0.009	-0.002	7.66	0.004	0.07	2.82	2.35
E020319	0.086	0.037	0.03	7.95	18.2	0.68	531	3.14	0.008	0.348	32.5	0.068	38.7	0.006	-0.002	5.29	0.002	0.09	2.67	2.74
E020320	0.07	0.022	0.03	10.5	18.2	0.5	609	3.64	0.006	0.369	27.8	0.086	34.9	0.004	-0.002	6.4	0.002	0.05	3.56	2.09
E020321	0.099	0.026	0.04	9.62	18.1	0.53	671	4.01	0.008	0.368	33.6	0.121	28.6	0.005	-0.002	7.97	0.005	0.09	3.06	2.43
E020322	0.038	0.028	0.03	14.75	16.3	0.46	826	6.97	0.005	0.31	42.3	0.123	57.4	0.004	-0.002	5	0.001	0.04	9.09	2.32
E020323	0.079	0.026	0.06	11.8	15.5	0.73	610	2.01	0.009	0.66	29	0.106	12.1	0.012	-0.002	10.35	-0.001	0.08	1.015	4.28
E020324	0.137	0.036	0.1	7.2	15.3	1.33	588	1.07	0.012	0.679	25.1	0.09	120	0.04	-0.002	10.65	0.002	0.09	14.8	6.31
E020325	0.098	0.019	0.05	5.58	7.2	0.63	355	0.61	0.013	0.397	16	0.102	14.35	0.017	-0.002	6.48	-0.001	0.14	1.845	2.48
E020326	0.083	0.016	0.04	5.72	6.3	0.41	159.5	1.26	0.006	0.434	14.7	0.064	11.85	0.003	-0.002	9.34	-0.001	0.05	0.977	1.255

Sample Number	Se_ME_M S41L_ppm	Sn_ME_M S41L_ppm	Sr_ME_M S41L_ppm	Ta_ME_M S41L_ppm	Te_ME_M S41L_ppm	Th_ME_M S41L_ppm	Ti_ME_MS 41L_pct	Ti_ME_MS 41L_ppm	U_ME_MS 41L_ppm	V_ME_MS 41L_ppm	W_ME_M S41L_ppm	Y_ME_MS 41L_ppm	Zn_ME_M S41L_ppm	Zr_ME_M S41L_ppm	Ag_Ag_O G46_ppm	Certificate	Date Received	Date Finalized
E020315	1.5	0.19	41.4	-0.005	0.04	2.73	0.014	0.061	1.38	24.6	0.071	5.03	107.5	3.02	0	WH13163142	03/09/2013	23/09/2013
E020316	1.1	0.24	63.7	-0.005	0.06	1.135	0.013	0.076	1.21	24.7	0.075	2.88	74.4	2.5	0	WH13163142	03/09/2013	23/09/2013
E020317	2.3	0.19	53.8	-0.005	0.08	2.09	0.013	0.095	2.48	31.3	0.093	7.14	230	4.13	0	WH13163142	03/09/2013	23/09/2013
E020318	3.4	0.22	50.5	-0.005	0.07	2.33	0.014	0.089	2.04	32.7	0.07	7.68	181.5	3.89	0	WH13163142	03/09/2013	23/09/2013
E020319	2	0.16	58.9	-0.005	0.08	1.925	0.013	0.077	2.29	38.3	0.082	6.41	156	3.13	0	WH13163142	03/09/2013	23/09/2013
E020320	2	0.27	25	-0.005	0.05	1.555	0.016	0.111	2.18	33.7	0.147	6.47	119.5	2.17	0	WH13163142	03/09/2013	23/09/2013
E020321	2.9	0.19	47.9	-0.005	0.06	1.485	0.015	0.096	1.92	44.4	0.12	7.68	162.5	2.85	0	WH13163142	03/09/2013	23/09/2013
E020322	1.7	0.18	20.2	-0.005	0.07	3.49	0.015	0.065	1.895	26.3	0.09	9.23	148	3.33	0	WH13163142	03/09/2013	23/09/2013
E020323	1	0.3	28.5	-0.005	0.03	1.58	0.039	0.148	1.2	79.8	0.164	7.22	147.5	0.67	0	WH13163142	03/09/2013	23/09/2013
E020324	1.7	0.4	49.3	-0.005	0.02	1.335	0.086	0.156	1.82	107.5	0.085	8.01	218	1.19	0	WH13163142	03/09/2013	23/09/2013
E020325	0.8	0.2	65.6	-0.005	0.03	0.832	0.038	0.111	0.575	54.2	0.131	6.21	87.7	1.87	0	WH13163142	03/09/2013	23/09/2013
E020326	0.3	0.25	9.29	-0.005	0.04	0.414	0.041	0.125	0.415	39.6	0.164	1.985	50.5	0.65	0	WH13163142	03/09/2013	23/09/2013

**Appendix 6**  
**Statement of Qualifications**

Jared Chipman

I Jared Chipman do hereby certify the following:

1. That I am a professional geologist registered with the Association of Professional Geoscientists of Nova Scotia (APGNS). Member # 180
2. That I am employed as a geologist by Alexco Resource Corp.
3. That I am a graduate in geology holding a BSc (Hons) from Saint Mary's University in Nova Scotia, Canada and an MSc from Queens University in Ontario, Canada.
4. That I have been practicing geology in Canada for approximately 7 years.
5. That I am a member of the Society of Economic Geologists.
6. That I was involved in the supervision of this work conducted in August of 2013.
7. That I have no interest in the property described herein, nor do I expect to receive any such interest.

Dated at Elsa, Yukon on this \_\_\_\_\_ day of \_\_\_\_\_, 2014