2018 Assessment Report for Drilling
Grouped Claims HM03300
Sourdough Hill, Yukon

Property Comprising the Following Claims:

Bonny (YA75856), Boso 1 – 5 (Y 97224- Y 97228), Caroline 1 (83535), Caroline 2 (83536), Case 3 (YA38193), Casy 1 (83526), Casy 2 (83527), Chrissie G (83545), MO 1 – MO 8 (Y 06519 – Y 06526), Rex 1 (84416), Rex 2 (84417), Windy 1 (83525)

REGISTERED OWNERS:
Frank Tveter (40%) and Kris Pavlovich (60%)

And

Lem 4 – 11 (YA173898 – YA17405)

REGISTERED OWNER:
Alexco Keno Hill Mining Corp. (100%)

Located in the:
Keno Hill Area
Mayo Mining District
Yukon Territory, Canada
N.T.S. 105M/13, 14

NAD83 Zone 8
Northing: 7,084,960
Easting: 487,190

PREPARED BY:

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DATES WORK PERFORMED: June - August, 2018

DATE OF REPORT: May 2, 2019

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1 SUMMARY

Four diamond drill holes, for a total of 1409.5 metres of HQ core, were completed over an area of potential silver-lead-zinc mineralization south of Alexco Resource Corp's (Alexco) Bellekeno Mine on the eastern flanks of Sourdough Hill in the Keno Hill district, Yukon. Of this, 1,034.5 metres were completed within the HM03300 Grouping Certificate in the assessment report for the renewal certificate for QM02168 on the Bonny, Case 3, Casy 1, Caroline 1, Chrissie G, and Windy 1 quartz claims.

Results indicate trace silver mineralization in fault-controlled structures found in drill holes K-18-0695, K-18-0697 and K-18-0705.

2 INTRODUCTION

This report summarizes the results of diamond drilling completed by Alexco Resource Corp (Alexco) between June 15 and August 16, 2018 on the HM03300 Grouping claims held by Tveter - Pavlovich and adjacent claims held by Alexco. Planning, supervision, implementation and reporting of this work were performed by Alexco Resource Corp staff pursuant to the terms of the Option Agreement with Pavolovich and Tveter dated July 6, 2017 as amended June 12, 2018.

The area was selected to follow up mineralization located in historic trenching and associated soil geochemical anomalies located to the south of the Bellekeno Vein system and to fulfill requirements for an option agreement with Tveter - Pavlovich. The area is located at a stratigraphic position in the upper part of the Keno Hill Quartzite Formation where prospective competent quartzite host rocks occur at depth.

3 LOCATION AND ACCESS

The quartz claims on which the work was conducted are held under the names of Frank Tveter - 40% and Kris Pavlovich - 60% (Table 1), with the adjacent LEM claims held by Alexco Keno Hill Mining Corp.

The property is located on the eastern slope of Sourdough Hill within the Mayo Mining District approximately 350 km north of Whitehorse (Figure 1). The area is covered by NTS map sheets 105M/14. The reference datum used is UTM NAD83 Zone 8, unless otherwise noted.

Table 1 Option Claim**s**

Label	Grant number	Owner	Expiry date
Bonny	YA75856	Frank Tveter - 50%, Kris Pavlovich - 50%	2021/09/07
Boso 1	Y 97224	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Boso 2	Y 97225	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Boso 3	Y 97226	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Boso 4	Y 97227	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Boso 5	Y 97228	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Caroline 1	83535	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Caroline 2	83536	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Case 3	YA38193	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Casy 1	83526	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Casy 2	83527	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Chrissie G	83545	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 1	Y 06519	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 2	Y 06520	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 3	Y 06521	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 4	Y 06522	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 5	Y 06523	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 6	Y 06524	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 7	Y 06525	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
MO 8	Y 06526	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Rex 1	84416	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Rex 2	84417	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Windy 1	83525	Frank Tveter - 40%, Kris Pavlovich - 60%	2021/09/07
Lem 4	YA17398	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 5	YA17399	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 6	YA17400	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 7	YA17401	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 8	YA17402	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 9	YA17403	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 10	YA17404	Alexco Keno Hill Mining Corp. - 100%	2021/12/31
Lem 11	YA17405	Alexco Keno Hill Mining Corp. - 100%	2021/12/31

Access to the district is via the Silver Trail Highway connecting the villages of Mayo and Keno City, with the property accessible from the private Bellekeno Mine Haul road and from the public Mt. Hinton road that runs south from Keno City. The base of operations for Alexco is the abandoned company town of Elsa which contains camp, core logging and office facilities.

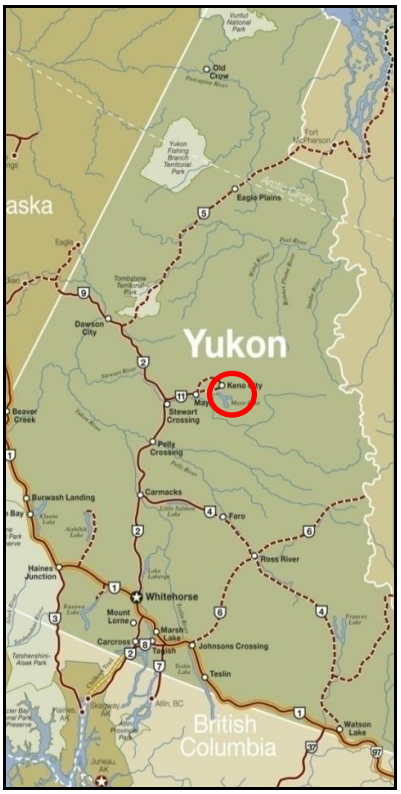


Figure 1 General Location of the Option Group

4 CLAIM STATUS

The HM03300 Grouping claims comprise 31 quartz claims (Table 1) covering an area of approximately 4.306 km^2, with 2018 work conducted on the Casy 1, Caroline 1, Windy 1, Case 3, Chrissie G, and Bonny claims. The ownership, original staking date, and expiry dates are shown in Table 1. The diamond drill holes K-18-0692, K-18-0695, K-18-0697, and K-18-0705 in part penetrate these claims.

The location of the claims is shown in Figure 2.

A statement of expenditure for work completed for the Option is included in Appendix 1.

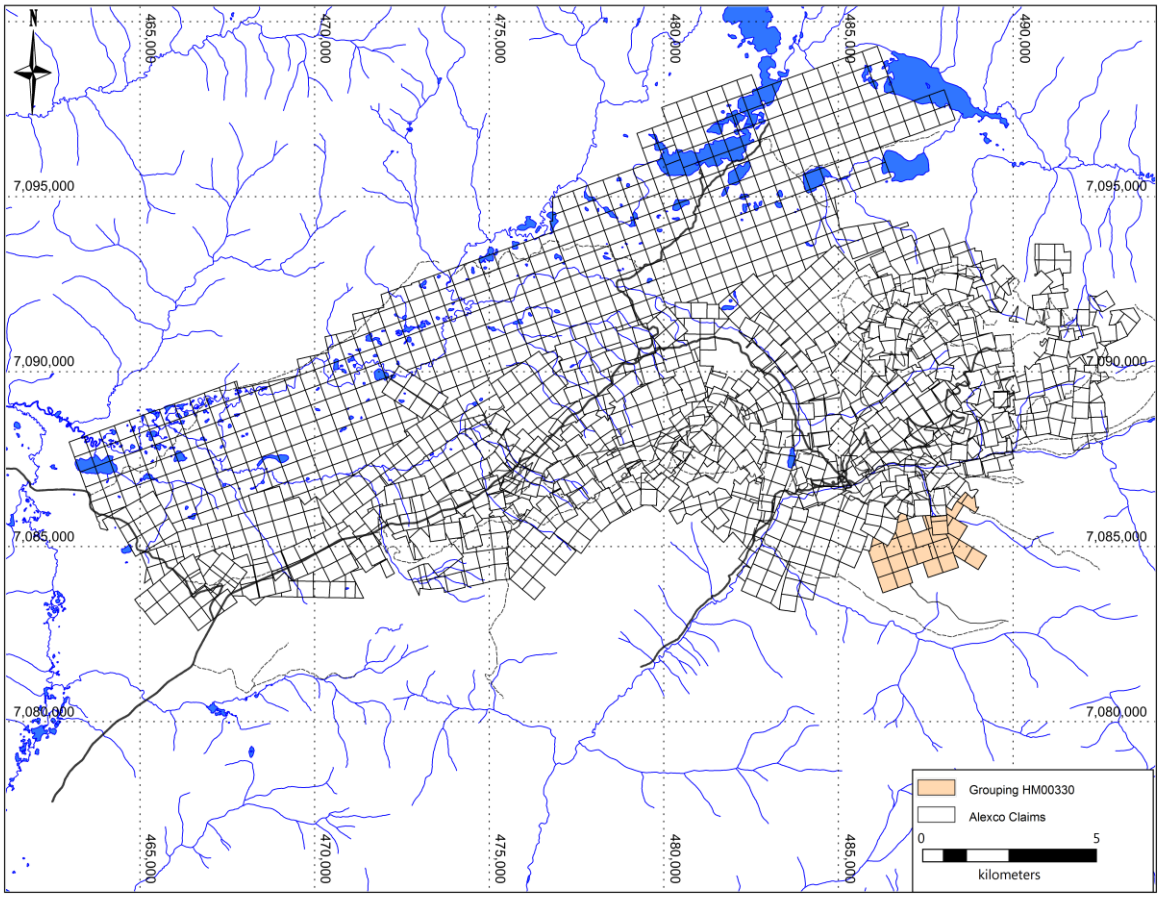


Figure 2 Location of the HM03300 Grouping Claims

5 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 claim area is predominantly overlain by deep recent fluvio-glacial cover above 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. To the south of the Keno Hill Quartzite and the Robert Service Thrust fault the area is underlain by the Precambrian Yusezyu Formation of the Hyland Group.

6 PROPERTY GEOLOGY

The grouped area (Figure 3) is included within a wider geologic mapping initiative in the Keno District, from which Alexco has derived a revised stratigraphy (McOnie and Read, 2009) that is summarized in Figure 4.

There is minimal outcrop within the claim group, with the east facing slopes largely covered by shallow soil, talus and permafrost. Surface mapping in the area shows that the claims extend from the upper contact of the Basal Quartzite Member of the Mississippian Keno Hill Quartzite, into the overlying Sourdough Hill Member and over-thrust Proterozoic rocks of the Hyland Group. Triassic greenstone sills occur within the Basal Quartzite.

A weakly developed north-northeast trending silver – lead – zinc soil geochemical anomaly that passes through the area was identified in 2017 (McOnie, 2017). The southwest projection of a series of poorly defined subparallel mineralized veins located in the hanging wall of the Bellekeno 48 Vein, are also projected to transect the claim group.

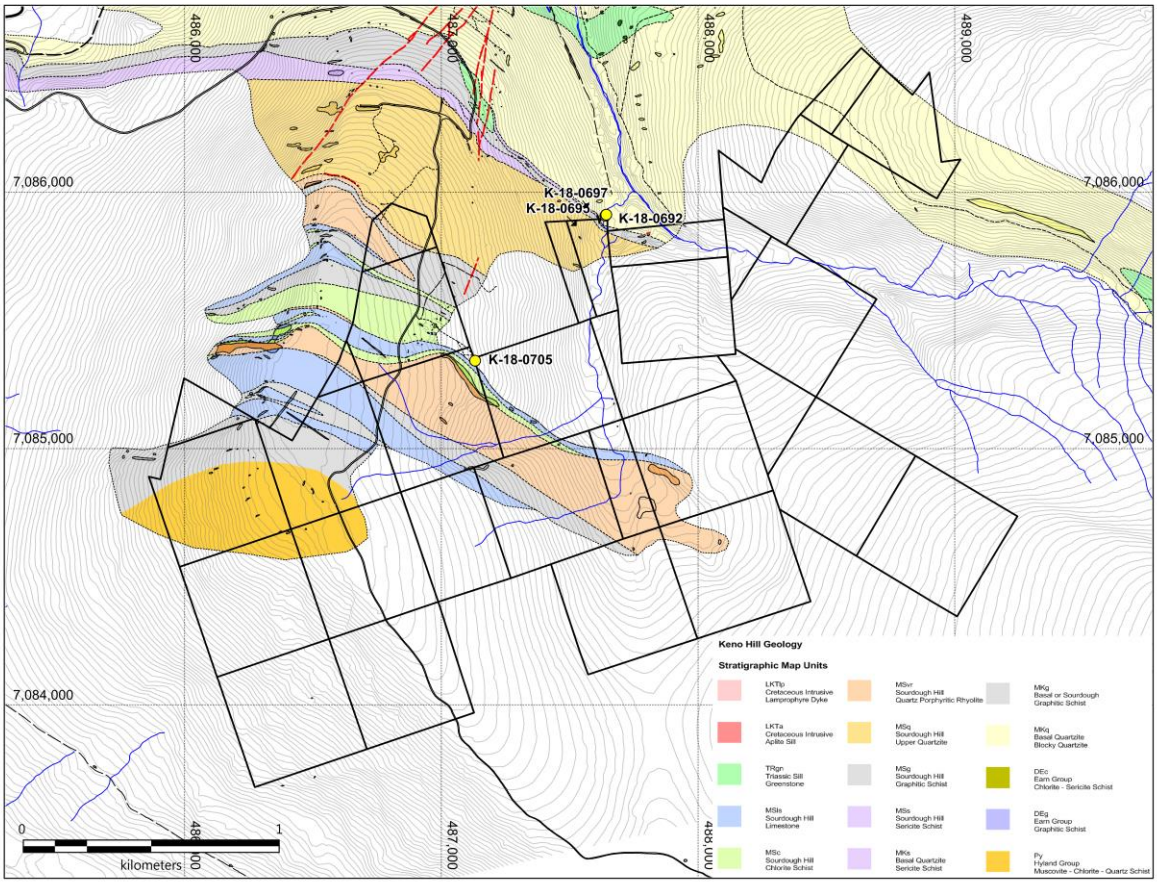


Figure 3 Regional Geology of the Claim Block Showing the Location of 2018 Drill Holes (also see Legend, Figure 4).

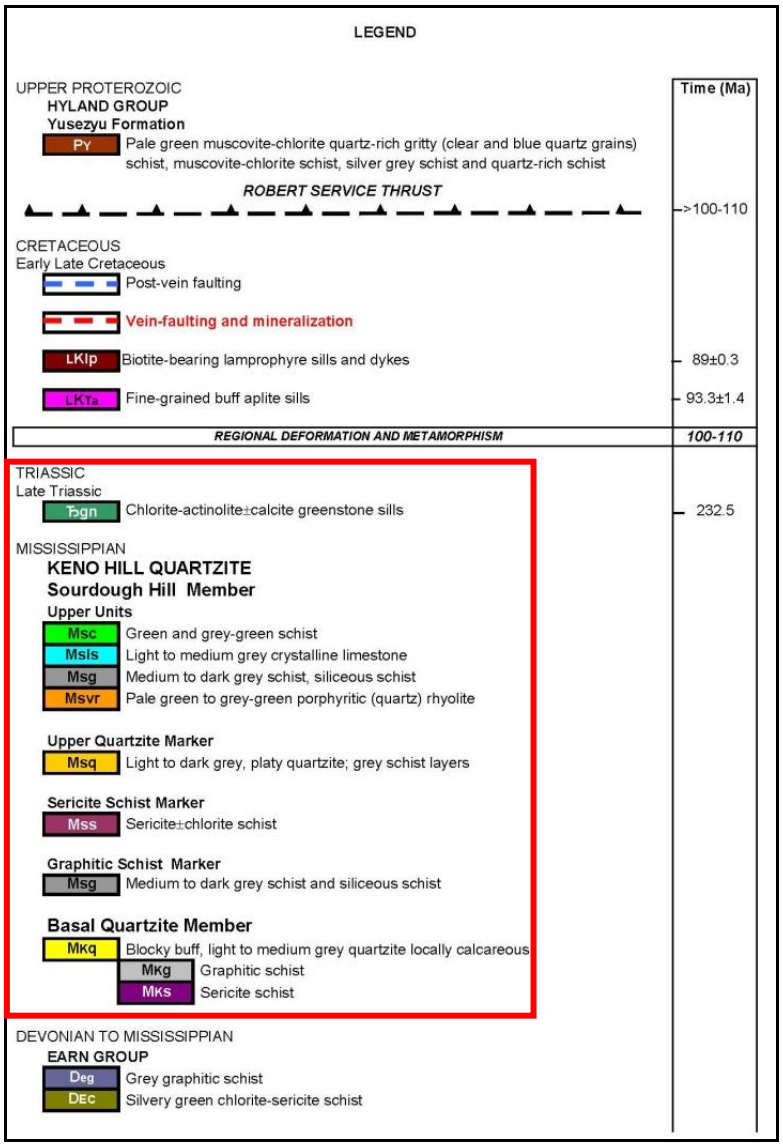


Figure 4 Keno District Stratigraphy (McOnie and Read, 2009)

7 EXPLORATION HISTORY

The project area has undergone several periods of prospecting and exploration since it was restaked in the 1960s, with emphasis on the MO prospect. It is a documented Minfile occurrence (105M 014) on file with the Yukon Geological Survey. Previous work has included hand pitting, bulldozing, a 2.4m adit, several shafts, trenching, and stripping between 1968 and 1995. Tveter and Pavlovich became joint owners of part of the claim block in 1995 (Table 1).

Alexco Resource Corp. optioned the portion of the property owned by Tveter and Pavlovich in 2017, and conducted an initial geochemical soil survey (McOnie, 2017) with contoured silver, lead, and zinc values shown in Figure 5 Assay results are detailed in Appendix 2.

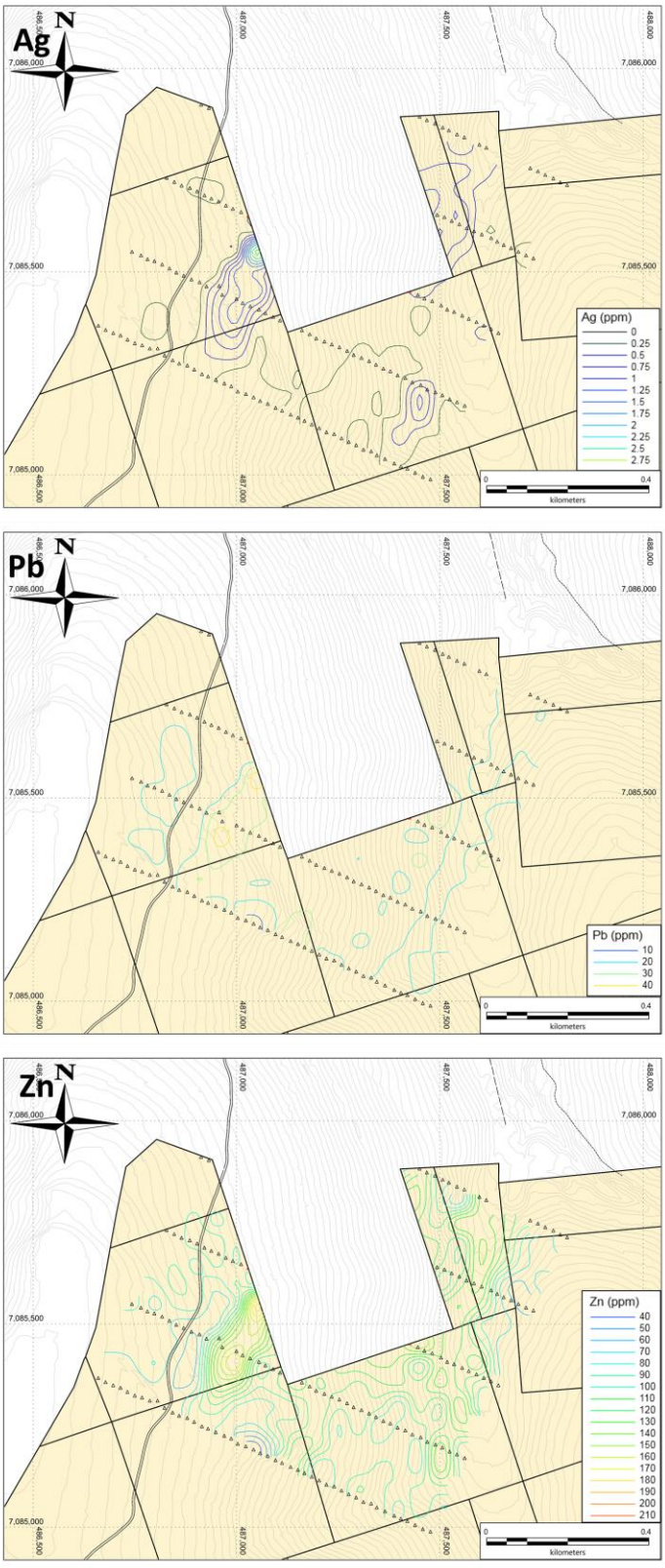


Figure 5 2017 Soil Sample Sites with overlain contouring of (Ag) silver, (Pb) lead, and (Zn) Zinc over the Claim Grouping Area

8 2018 DRILL PROGRAM

A series of diamond drill holes, totaling 1,034.5 m on the claim group, were drilled by Alexco in 2018. The collar details are shown in Appendix 3, with the locations of the holes relative to claim boundaries shown in Figure 6.

Four holes were either collared on or penetrated below the claims group and were completed between June 15 and August 16, 2018 by Boart Longyear, based in Calgary, Alberta, by the wireline method using HQ size equipment.

K-18-0692 was designed to test the Maybrun vein target in Thunder Gulch. K-18-0695, while K-18-0697 and K-18-0705 were designed to target the mineralized structure indicated by 2017 soil geochemical anomalies (Section 7) considered the source of metals encountered in previous (historic) MO excavations on the option ground. The inferred structure probably correlates with the southwest continuation of known vein-faults observed southeast of the Bellekeno 48 Vein. K-18-0705 was designed to test the target structure at relatively shallow depth within the upper units of the Sourdough Hill Member while, K-18-0695 and K-18-0697 attempted to intersect the structure within the Basal Quartzite Member, a part of the stratigraphy historically more conducive to ore deposit formation.

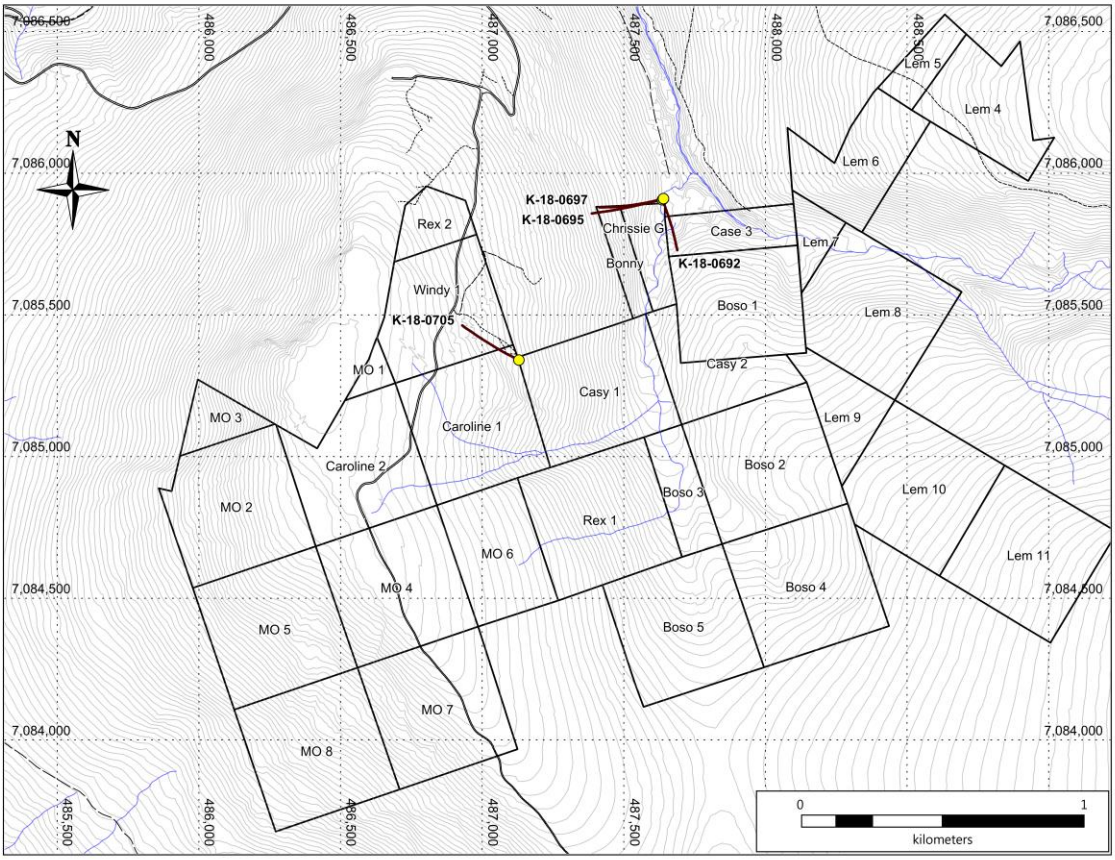


Figure 6 Location of 2018 Alexco Drill Holes Relative to Claims

8.1 Drill and Sample Procedure

Down hole surveys were taken at approximately 24 m intervals using a single shot Reflex survey tool. Drill Hole collars were located using hand held GPS and once completed the final location accurately surveyed by RTK GPS.

Standard logging and sampling conventions were used to capture information from the drill core. The core was logged at the Elsa facility directly in digital format into a SQL database with separate tables for:

- Lithology
- Structure
- Mineralization
- Geotechnical
- Specific gravity
- Assay sampling

Lithology is documented by an alphanumeric code with additional modifiers and descriptive remarks also captured. Structural data consists of type of structure, with measurements relative to core axis, and, where possible, the orientation of mineralized veins relative to a reference plane calculated for the area. The mineralization table captures visual percentage veining, sulphide and oxide minerals. The geotechnical table records percentage recovery and rock quality determination for the entire hole and fracture intensity where warranted. Core specific gravity of mineralized material as well as basic rock types is routinely measured, using a balance and measuring the weight of core in air and in water.

Core sample assay intervals are broken at lithological contacts and at significant mineralization changes. The logging geologist marks the sample intervals within the major rock types outside of the mineralized zones which are typically 2-3 m in length. Sample intervals within mineralized zones may range from 0.1 m to 1.0 m, based on consistency of mineralization and recovery, while some much broader zones that were not obviously mineralized are also included.

After logging, the core is digitally photographed and sawn in half lengthwise with a diamond saw. One half is returned to the core box for storage at Elsa and the other bagged for sample shipment. These drill holes have been assayed in select zones.

Once the samples are taken, approximately four to five individual samples are placed in sacks, placed and secured in wooden bins and direct shipped to ALS Laboratories Whitehorse for sample preparation with assay pulps shipped by the laboratory direct to their North Vancouver facility for analysis. Crush reject material is returned to Elsa for storage.

ALS Laboratory is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures, including fire assay for gold and silver with atomic

absorption and gravimetric finish; multi-element inductively coupled plasma optical emission spectroscopy; and atomic absorption assays for silver, copper, lead, and zinc.

Sample preparation consists of initial fine crushing of the sample to better than 70% passing 2 mm. A nominal 250 g split of this material is then pulverized to greater than 85% passing 75 µ and this portion used for analyses. Duplicate samples are prepared at the preparation facility by collecting a second 250 g split from the 2 mm crushed material where indicated.

Samples are analyzed for gold by fire assay and atomic absorption spectrometry on 30 g sub-samples and for a suite of 34 elements by four acid digestion inductively coupled plasma atomic emission spectroscopy (ICP-AES) on 0.5 g sub-samples.

Standard assay quality control procedures are implemented with each 20 sample batch including three control samples: a commercial Standard Reference Material (SRM), a blank, and a duplicate. The location of control samples (SRM, blank, and duplicate) in the sample stream is determined by the logging geologist and control samples are inserted when the core is logged. The SRM is already processed to a pulp and inserted as ~50 to 100 g amounts. The blank is a commercially purchased dolomitic "landscape rock" and approximately 0.35 kg to 1.5 kg of the material is inserted into the sample stream. An empty sample bag is inserted at the location of the duplicate and is prepared during sample preparation at the laboratory preparation facility and consists of a coarse reject split of the preceding sample.

The SRM material used in this program are shown in Table 2.

SRM	Ag (g/t)	S.D.	Au (g/t)	S.D.	Pb %	S.D.	Zn %	S.D.
PM1123	31	1.30	1.42	0.05				
PB137	111	2.10			2.62	0.09	2.69	0.12
KHP-W	270	10.00			3.06	0.07	1.79	0.05
PM1133	757	18.80						
PM1141	19	1.29	0.55	0.02				

Table 2 Standard Reference Material Used

Assay results for quality control samples are monitored for QAQC on an ongoing basis and each potential quality control failure is investigated and appropriate remedial action taken, including the re-assaying of batches containing abnormal quality control results.

8.2 2018 Reclamation

On completion of the surface exploration drilling, the drill holes are plugged at the top of the bedrock surface to prevent ingress of surface water or egress of ground water. The collar is marked by post, the surface is cleared of drill material and supplies, and sumps are left to drain naturally. Due to the common occurrence of frozen ground this occurs slowly and, in the case of the drill site and track for K-18-0705, reclamation will not be completed until summer 2019.

The basic reclamation procedures, with earthworks undertaken by backhoe, include:

- Slope contouring completed.
- Compacted areas stirred-up.
- Sumps back filled once drained.
- Stockpiled vegetative mat and timber dragged back over the sites.
- Water bars/drainage bars installed on tracks with steeper topography.

Reclamation still needs to be completed as shown in red for the drill site and tracks through claims Windy 1, Caroline 1, and Casy 1, while the tracks shown as magenta were previously existing (Figure 7).

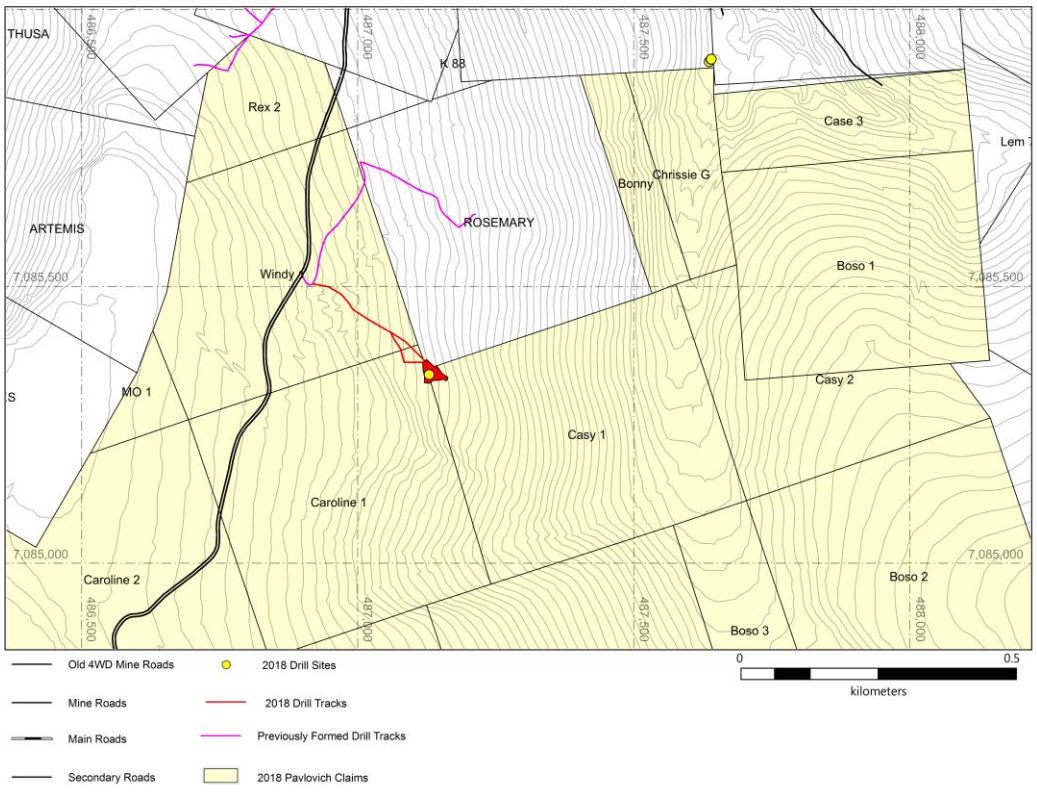


Figure 7 Drill Tracks and Sites to be Reclaimed in Summer 2019

8.3 Drill Results

The locations of all drill holes in the vicinity are shown in Figure 6.

The 2018 drill logs are presented in Appendix 3, and plots of lithology and silver grades results are shown in the following series of north-south vertical cross sections as in Figure 8.

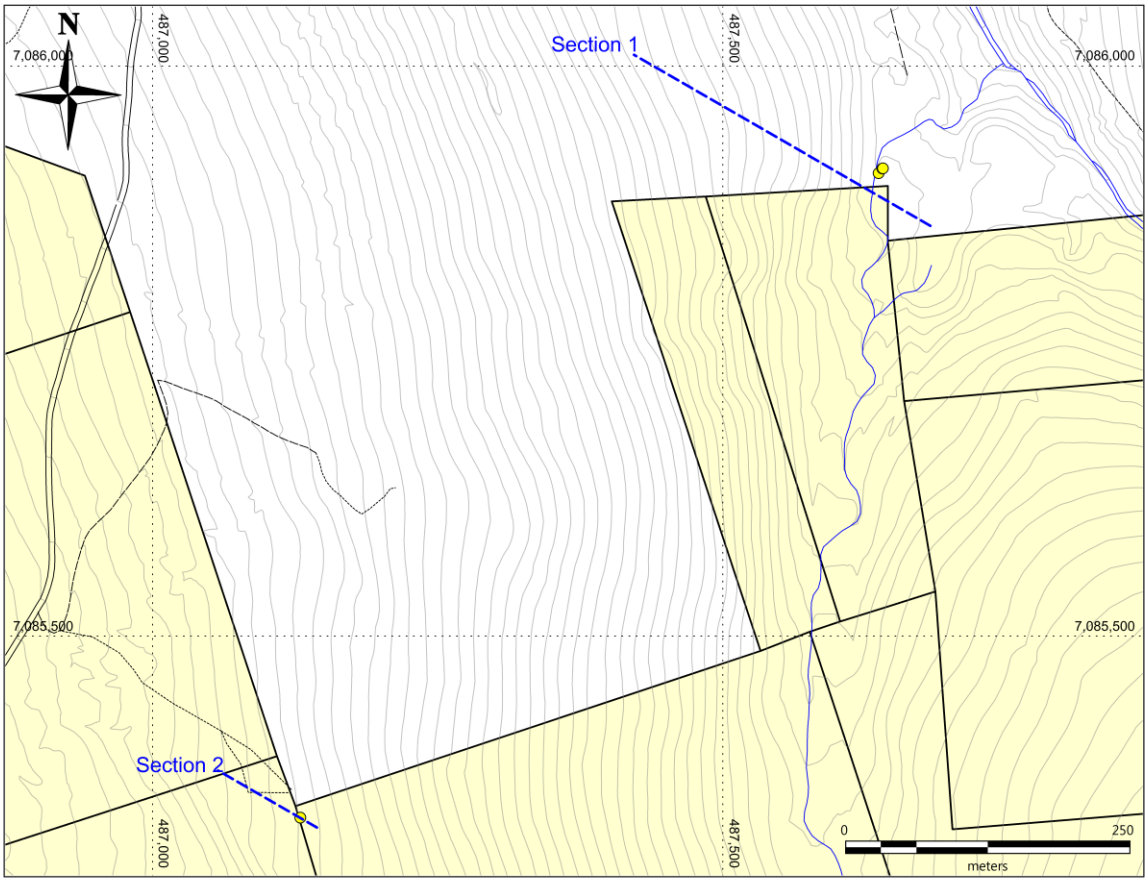
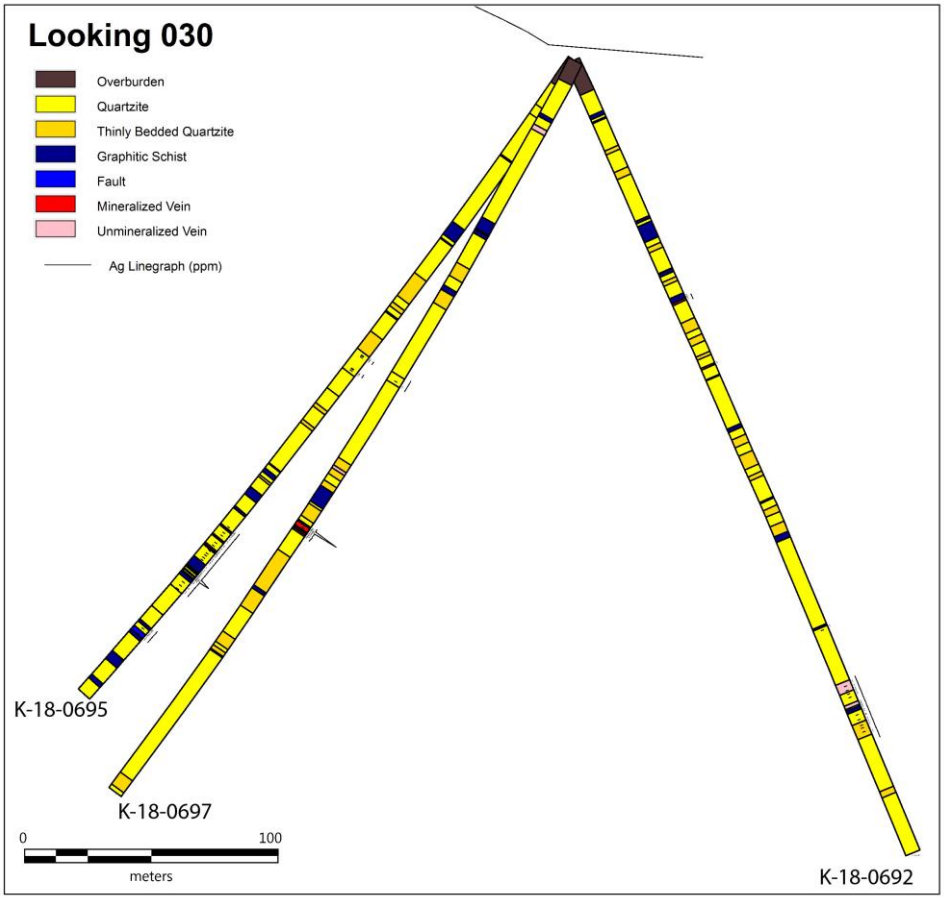


Figure 8 - Location of Cross Sections 1 & 2

Section 1 (looking 030°) includes drill hole K-18-0692, K-18-0695, and K-18-0697. They are collared in Basal Quartzite and intersected a series of intercalated quartzite and graphitic schist.

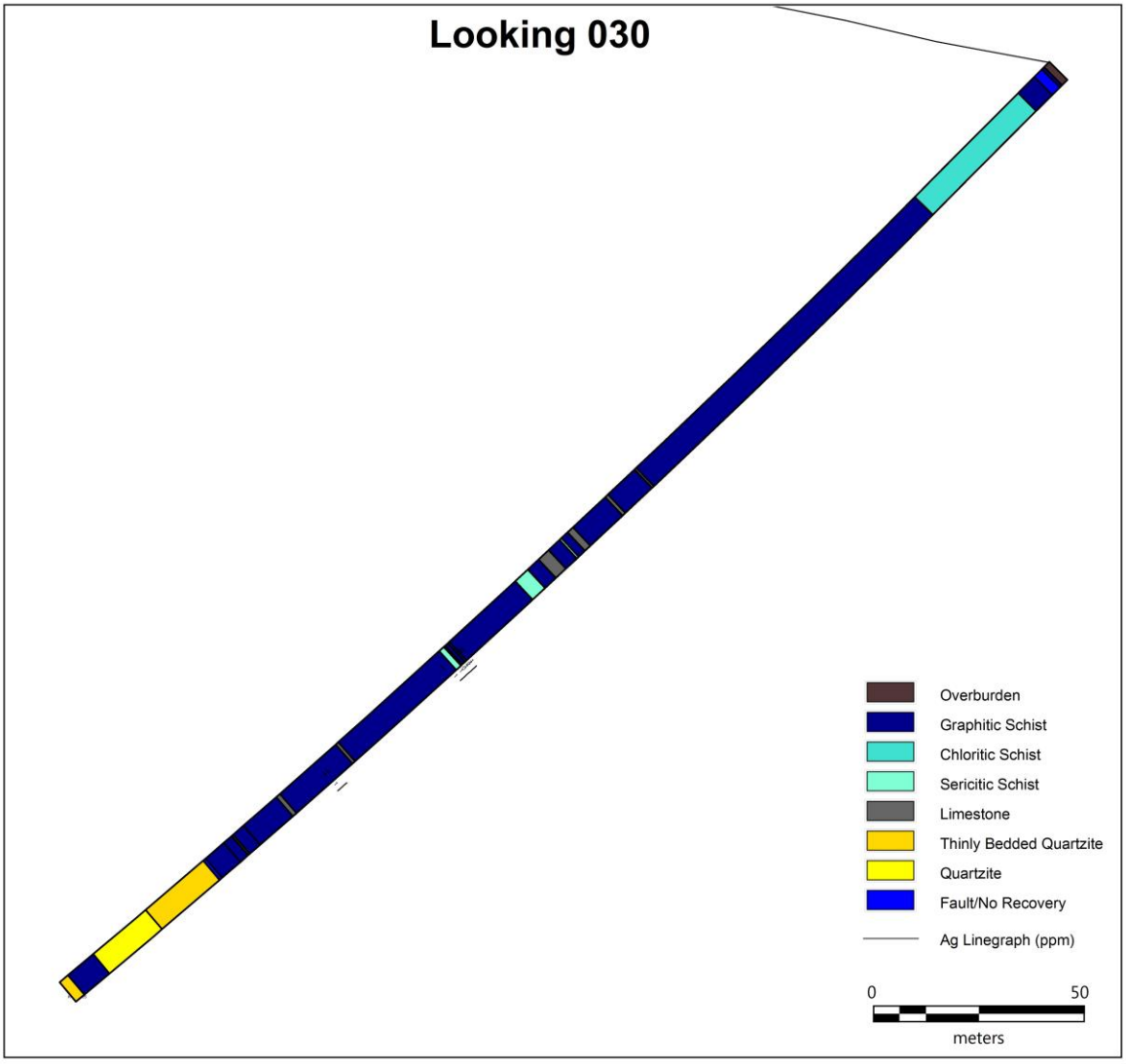


Hole K-18-0692 intersected three structures: siderite-calcite breccia with some graphitic gouge at 109.06 - 109.90 m (0.84 m), calcite veining with trace sphalerite at 138.68 - 139.40 m (0.72 m), and intense friable quartz veining with trace siderite and sphalerite at 284.00 - 288.57 m (4.57 m). Silver assays are all less than 4 g/t Ag.

Hole K-18-0695 intersected two structures: quartz, calcite and siderite veining with trace sphalerite and pyrite at over a 1.31 m interval from 272.8 m with no significant assays, and quartz, calcite, siderite, sphalerite and galena veining over the 4.15 m interval from 285.30 m that had a composite assay of 33.9 g/t Ag, 0.82 % Pb, 0.38% Zn that included the 0.35 m interval from 287.65 m that assayed 354 g/t Ag, 8.99% Pb, 0.61 % Zn as well as a 0.55 m zone of no recovery.

Hole K-18-0697 intersected one structure comprising quartz-siderite veinlets with minor sphalerite and galena at over the 3.30 m interval from 230.50 m that had a composite assay of 63.1 g/t Ag, 0.37 % Pb, 0.92 % Zn, and included the 0.20 m interval from 230.5 m assaying 832 g/t Ag, 3.34 % Pb, 3.17 % Zn.

Section 2 (looking 030°) includes the drill hole K-18-0705. It is collared in the Sourdough Hill member and transects a series of intercalated sericitic and graphitic schist, limestone, and thin-bedded quartzite belonging to this stratigraphic division. Faults were intersected between 197.34 - 197.89 m (0.55 m) and 274.64 - 275.44 m (0.80 m) as graphitic gouge with some rounded clasts of quartzite with quartz veining. The former is likely to represent the target vein-fault as it is situated within 3-metre-wide zone of sparse, sub-centimetre width, siderite stringers. No significant sulphides were observed, and silver assays do not exceed 3 g/t. Adjacent limey units did not show evidence of disseminated carbonate replacement type mineralization.



9 DISCUSSION

The area was selected for drilling was designed to follow up on mineralization found in historic trenching and geochemical anomalies located in the 2017 soil survey. Drill targets were chosen to intersect the projection of the inferred structure below the lower Sourdough Hill schist markers within competent quartzite in upper part of the Keno Hill Quartzite Formation.

Weakly developed mineralization was intersected below the soil geochemical anomaly and the mineralized structure that is exposed in the historic pits, within the Basal Quartzite in holes K-18-0695 and K-18-0697. K-18-0692 tested the southwest dipping Maybrun Vein at depth but given the observed attitude of that vein-fault, the lack of strong structure and mineralization indicates that it does not appear to have any significant depth extent.

These weakly mineralized structures appear discontinuous and do not follow the same trend as the geochemical soil anomaly nor the trenching. While this may indicate the presence of some additional mineralization crossing from the Alexco ground in the north, it would probably be at significant depth well beyond the scope of the Bellekeno mineral system, and would not add resource potential to it, and is not currently a priority target given the exploration success at other locations in the district.

10 CONCLUSIONS AND RECOMMENDATIONS

No immediate further work is considered warranted within this area.

11 List of References

McOnie, A., (2017). 2017 Assessment Report – Property Comprising the Following Claims: Bonny, Boso 1 – 5, Caroline 1 – 2, Case 3, Casy 1 – 2, Chrissie G, MO 1 – 8, Rex 1 – 2, and Windy 1. Prepared for Frank Tveter and Kris Pavlovich, and Alexco Keno Hill Mining Corp.

McOnie, A and P.B. Read., (2009). Stratigraphy, Structure and Exploration Opportunities Sourdough, Galena and part of Keno Hills, Keno Hill Mining Camp, Central Yukon. Internal Report Alexco Resource Corp.

Yukon Geological Survey, (2019) Minfile Occurrence Name: MO, Occurrence Number 105M 013. Retrieved from http://data.geology.gov.yk.ca/Occurrence/13641 January 17, 2019.

APPENDIX 1 STATEMENT OF EXPENDITURES

Pursuant to the Option Agreement, the 2018 year's expenditure requirement was met as detailed below.

Staff

Pay Period	Senior Staff	Senior Staff	Contractor	Contractor	Contractor	Staff	Contractor	Contractor	**Total**
total hours	73	8	49.5	83.5	27	28	52.5	9	
Day Rate	$650.00	$480.00	$335.00	$335.00	$315.00	$300.00	$260.00	$260.00	
Hour rate	$59.09	$43.64	$30.45	$30.45	$28.64	$27.27	$23.64	$23.64	
Cost	$4,313.64	$349.09	$1,507.50	$2,542.95	$773.18	$763.64	$1,240.91	$212.73	**$11,703.64**
Camp Days	7	1	5	8	2	3	5	1	
Camp Rate	$100	$100	$100	$100	$100	$100	$100	$100	
Camp Cost	$664	$73	$450	$759	$245	$255	$477	$82	**$3,005**
Vehicle Days	7					2			
Vehicle Rate	$100					$100			
Vehicle Cost	$700					$200			**$900**
STAFF TOTAL									**$15,608.18**

Drilling

Drill Hole	Total Hole	Option metres	Total Hole Contractor	Option Contractor	Bits/other contractor	consumables	Fuel	Assay samples	Assay Cost	**Total**
K-18-0692*	362	267.5	$42,294	$31,253	$1,070	$7,490	$2,943	28	$1,031.80	
K-18-0695*	359	165	$38,724	$17,798	$660	$4,620	$1,815	50	$1,842.50	
K-18-0697*	368	201	$39,789	$21,733	$804	$5,628	$2,211	17	$626.45	
K-18-0705	320	320	$42,873	$42,873	$1,280	$8,960	$3,520	12	$442.20	
Total		953.5	$163,680	$113,657	$3,814	$26,698	$10,489		$3,942.95	**$ 158,599.97**
Rate/m					$4.00	$28.00	$11.00		$36.85	

TOTAL EXPENDITURE $174,208.15

APPENDIX 2 2017 SOIL SAMPLE ASSAYS (previously provided)

Sample	NAD East	NAD North	NAD RL	Au ME-MS41L ppm	Ag ME-MS41L ppm	Pb ME-MS41L ppm	Zn ME-MS41L ppm	Al ME-MS41L pct	As ME-MS41L ppm	B ME-MS41L ppm	Ba ME-MS41L ppm	Be ME-MS41L ppm	Bi ME-MS41L ppm	Ca ME-MS41L pct	Cd ME-MS41L ppm	Ce ME-MS41L ppm	Co ME-MS41L ppm	Cr ME-MS41L ppm	Cs ME-MS41L ppm	Cu ME-MS41L ppm	Fe ME-MS41L pct	Ga ME-MS41L ppm	Ge ME-MS41L ppm	Hf ME-MS41L ppm	Hg ME-MS41L ppm	In ME-MS41L ppm	K ME-MS41L pct	La ME-MS41L ppm	Li ME-MS41L ppm
E006401	486823	7085294	1397	0.0024	0.314	16.2	65.1	1.54	13.3	-10	110	0.4	0.191	0.14	0.182	32.3	10.4	23	1.21	22.2	2.43	4.36	0.053	0.013	0.034	0.016	0.05	15.45	18.7
E006402	486806	7085311	1407	0.0031	0.244	21	58.6	1.58	18.75	-10	110	0.34	0.217	0.12	0.184	30	7.08	23.2	1.325	14.9	2.53	4.92	0.051	0.008	0.053	0.02	0.05	14.95	16
E006403	486787	7085311	1412	0.0026	0.303	19.45	73.5	1.68	28.7	-10	152	0.44	0.206	0.14	0.198	33.6	9.53	26.7	1.23	20.2	2.61	4.82	0.052	0.02	0.049	0.021	0.05	16.65	16.8
E006404	486768	7085319	1418	0.0027	0.524	21.7	82.2	1.53	14.15	-10	120	0.4	0.204	0.1	0.26	44.3	9	24	1.145	25.5	2.83	4.38	0.071	0.008	0.06	0.016	0.05	22.5	21.3
E006405	486750	7085324	1421	0.0021	0.137	18.2	66.8	1.53	11.4	-10	116.5	0.37	0.196	0.14	0.199	34.2	6.92	23.6	1.055	23.2	2.57	4.17	0.055	0.011	0.053	0.019	0.05	17.4	16.9
E006406	486732	7085333	1424	0.0014	0.143	13.15	56	1.42	8.42	-10	98.3	0.27	0.189	0.12	0.139	31.1	5.84	20.8	1.005	19	2.37	4.05	0.051	0.011	0.031	0.014	0.05	15.8	18
E006407	486715	7085343	1426	0.0016	0.141	15	60.3	1.57	10.5	-10	107	0.28	0.221	0.09	0.152	33.2	7.05	23.7	1.12	20.5	2.64	4.55	0.053	0.014	0.037	0.023	0.05	16.35	17.6
E006408	486697	7085349	1428	0.0031	0.146	16.65	68.6	1.39	12.8	-10	181	0.4	0.207	0.12	0.242	39.1	10.25	21.7	1.085	24.6	2.49	4.22	0.062	0.008	0.044	0.019	0.06	19.85	15.8
E006409	486678	7085357	1430	0.0014	0.115	14.8	57.2	1.27	9.43	-10	96.8	0.27	0.198	0.09	0.157	35	8.76	19.75	1.05	18.95	2.28	3.99	0.057	0.005	0.023	0.014	0.05	17.65	16.8
E006410	486660	7085367	1432	0.0018	0.162	14.85	68.5	1.33	11.35	-10	213	0.4	0.177	0.16	0.21	38.2	10.15	22.4	0.965	23.6	2.52	4.26	0.062	0.007	0.027	0.017	0.06	19.55	17.4
E006411	486843	7085282	1411	0.0025	0.165	20.1	64.1	1.45	21.6	-10	161.5	0.4	0.198	0.11	0.181	34	8.56	22.5	1.095	19.85	2.49	4.41	0.063	0.03	0.037	0.022	0.05	16.6	15.2
E006412	486859	7085274	1409	0.0014	0.187	29.4	79.9	1.6	21.8	-10	128.5	0.34	0.226	0.09	0.348	27	7.59	25.9	1.39	16.1	3.12	5.36	0.06	0.005	0.051	0.021	0.06	13.35	15.8
E006413	486879	7085269	1407	0.0022	0.245	27	67.4	1.56	17.55	-10	126	0.37	0.194	0.07	0.192	28	6.21	22.1	1.315	16.75	2.52	4.51	0.054	0.006	0.04	0.017	0.05	14.15	15.1
E006414	486896	7085259	1402	0.0014	0.171	23.2	75.3	1.22	13.65	-10	98	0.33	0.179	0.1	0.335	32.9	9.45	19.5	0.971	17.55	2.36	3.85	0.055	0.009	0.032	0.021	0.05	16.2	13.8
E006415	486915	7085248	1380	0.0006	0.173	21.4	58.5	1.08	14.55	-10	78	0.22	0.167	0.08	0.243	29.3	5.58	17.85	0.902	14.1	2.19	3.83	0.045	0.003	0.031	0.015	0.05	14.7	11.2
E006416	486930	7085242	1383	0.0028	0.167	21.5	69.5	1.02	12.85	-10	113	0.26	0.179	0.1	0.288	31.3	9.08	15.55	0.756	17.8	2.32	3.28	0.054	0.006	0.024	0.012	0.04	15.9	12.7
E006417	486949	7085234	1385	0.0014	0.169	16.55	73.3	1.41	12.9	-10	104.5	0.3	0.171	0.09	0.301	32.6	7.08	20	0.917	17.2	2.46	4.04	0.055	0.011	0.041	0.018	0.05	16	13.9
E006418	486970	7085225	1385	0.0003	0.314	16.25	57	1.25	17.15	-10	95.5	0.19	0.226	0.06	0.226	26.2	4.89	19.4	1.37	12.4	2.71	5.89	0.051	0.006	0.035	0.017	0.07	13.3	7.7
E006419	486987	7085218	1385	0.001	0.117	18.85	66.6	1.17	19.4	-10	77.8	0.25	0.181	0.09	0.368	30.7	7.92	18.65	0.961	14.35	2.54	4.23	0.051	0.005	0.027	0.021	0.06	15.2	11.3
E006420	487003	7085205	1383	0.0012	0.102	18.45	79.7	2.12	20.3	-10	175.5	0.56	0.22	0.09	0.35	29.4	9	26.7	1.43	14.75	3.3	5.43	0.063	0.058	0.031	0.025	0.07	14.8	19.4
E006421	487023	7085199	1381	0.0014	0.083	18.85	57.5	1.22	15.15	-10	82.4	0.29	0.178	0.08	0.23	27.9	7.86	17.9	0.816	15	2.44	4	0.055	0.017	0.026	0.016	0.05	13.95	11.6
E006422	487042	7085191	1377	0.0005	0.075	5.6	24.8	0.4	11.2	-10	26.6	0.07	0.139	0.03	0.057	25.6	2.07	8.35	0.892	8.36	0.93	3.87	0.034	0.002	0.033	0.006	0.03	12.5	1.6
E006423	487058	7085182	1374	0.0019	0.162	16.2	68.1	1.31	18.9	-10	142.5	0.37	0.187	0.12	0.221	32.6	8.81	21.5	0.807	23.1	2.52	3.62	0.059	0.025	0.041	0.015	0.05	16.05	15
E006424	487077	7085175	1369	0.001	0.203	17.55	61.7	1.5	15.8	-10	89.7	0.37	0.188	0.1	0.286	25.7	9.09	23.6	0.931	18.05	2.77	4.37	0.051	0.032	0.047	0.021	0.05	12.05	15.3
E006425	487096	7085165	1362	0.0069	0.136	22.8	81	1.34	77.7	-10	107.5	0.49	0.246	0.25	0.212	36.4	14.2	20.2	1.515	35.3	2.92	3.44	0.064	0.025	0.046	0.015	0.05	17.6	27.5
E006426	487112	7085158	1354	0.0018	0.161	23.4	102.5	1.52	25.8	-10	179	0.52	0.253	0.18	0.32	33.3	13.85	24.3	1.645	27.5	3.03	4.07	0.058	0.016	0.037	0.016	0.06	15.8	32.3
E006427	487133	7085148	1350	0.0036	0.23	40.1	125	1.18	62.3	-10	148.5	0.44	0.461	0.21	0.408	57	25	16.85	1.52	57.8	4.07	3.45	0.09	0.015	0.03	0.018	0.06	27.6	24.3
E006428	487151	7085141	1344	0.0026	0.26	34.5	108.5	1.41	45.4	-10	161.5	0.47	0.408	0.14	0.326	42.9	20.8	18.7	1.505	42.7	4.04	3.61	0.086	0.027	0.027	0.019	0.05	21.1	30
E006429	487167	7085133	1338	0.0046	0.159	29.1	110.5	1.8	36.9	-10	147	0.44	0.377	0.12	0.265	33.8	14.6	23.3	2.18	27.5	3.68	4.8	0.07	0.043	0.021	0.022	0.06	15.7	38.6
E006430	487185	7085124	1326	0.0018	0.138	21	71.6	1.23	15.8	-10	159	0.33	0.247	0.14	0.166	35.9	10.9	17.9	1.17	24.1	2.49	3.69	0.057	0.028	0.036	0.015	0.05	16.35	23.7
E006431	487203	7085115	1318	0.0008	0.165	25.4	78.9	1.37	16.05	-10	145	0.34	0.272	0.12	0.214	33.9	12.1	18.9	1.275	23.9	2.8	4.02	0.051	0.022	0.04	0.018	0.06	15.25	26
E006432	487221	7085105	1310	0.001	0.256	23.5	91.9	1.32	25.1	-10	157.5	0.31	0.262	0.16	0.325	33.4	13.8	17.25	1.245	24.6	3.07	3.64	0.06	0.035	0.035	0.018	0.05	14.45	27.7

Sample	Mg ME-MS41L pct	Mn ME-MS41L ppm	Mo ME-MS41L ppm	Na ME-MS41L pct	Nb ME-MS41L ppm	Ni ME-MS41L ppm	P ME-MS41L pct	Pd ME-MS41L ppm	Pt ME-MS41L ppm	Rb ME-MS41L ppm	Re ME-MS41L ppm	S ME-MS41L pct	Sb ME-MS41L ppm	Sc ME-MS41L ppm	Se ME-MS41L ppm	Sn ME-MS41L ppm	Sr ME-MS41L ppm	Ta ME-MS41L ppm	Te ME-MS41L ppm	Th ME-MS41L ppm	Ti ME-MS41L pct	Tl ME-MS41L ppm	U ME-MS41L ppm	V ME-MS41L ppm	W ME-MS41L ppm	Y ME-MS41L ppm	Zr ME-MS41L ppm	Lab	Certificate
E006401	0.38	366	0.85	0.007	0.543	21.7	0.064	-0.001	-0.002	9.38	-0.001	0.01	0.944	1.915	0.3	0.34	11.7	-0.005	0.02	1.335	0.029	0.111	0.63	35.9	0.168	4.42	0.39	ALS	WH17210399
E006402	0.35	210	1.01	0.008	0.472	16.05	0.066	-0.001	-0.002	8.53	-0.001	0.01	0.773	1.62	0.4	0.4	11.1	-0.005	0.03	0.769	0.026	0.137	0.662	40.5	0.184	4.11	0.29	ALS	WH17210399
E006403	0.41	342	1.08	0.009	0.569	20.2	0.072	-0.001	-0.002	10	-0.001	0.01	0.999	2.51	0.4	0.4	13.35	-0.005	0.04	1.4	0.03	0.117	0.861	42	0.231	5.22	0.57	ALS	WH17210399
E006404	0.44	358	0.95	0.007	0.448	25.3	0.058	-0.001	-0.002	9.37	-0.001	0.01	1.17	2.19	0.4	0.31	9.59	-0.005	0.05	2.02	0.022	0.092	0.787	31.5	0.143	6.08	0.31	ALS	WH17210399
E006405	0.4	146	0.92	0.01	0.628	20.3	0.057	-0.001	-0.002	7.85	-0.001	0.01	0.931	2.14	0.4	0.36	11.45	-0.005	0.04	1.75	0.033	0.096	0.788	37.7	0.182	4.86	0.42	ALS	WH17210399
E006406	0.38	176	0.83	0.007	0.457	17.7	0.059	-0.001	-0.002	8.15	-0.001	0.01	0.655	1.495	0.3	0.29	10.8	-0.005	0.02	1.195	0.023	0.086	0.597	31.2	0.147	3.88	0.29	ALS	WH17210399
E006407	0.4	263	1.14	0.008	0.485	18.6	0.061	-0.001	-0.002	9.21	-0.001	0.01	0.731	1.71	0.4	0.35	9.33	-0.005	0.04	1.07	0.024	0.102	0.706	37	0.199	4.23	0.35	ALS	WH17210399
E006408	0.39	511	1.13	0.006	0.429	23.8	0.057	-0.001	-0.002	9.71	-0.001	0.01	0.798	1.925	0.3	0.38	13.05	-0.005	0.04	0.843	0.028	0.092	0.906	36.8	0.185	7.17	0.24	ALS	WH17210399
E006409	0.35	338	1.03	0.006	0.493	19.2	0.043	-0.001	-0.002	8.96	-0.001	0.01	0.709	1.585	0.3	0.31	9.8	-0.005	0.06	1.195	0.024	0.086	0.622	30.9	0.162	3.7	0.2	ALS	WH17210399
E006410	0.42	424	1.04	0.007	0.617	25.6	0.057	-0.001	-0.002	8.13	-0.001	0.01	0.824	2.55	0.3	0.36	18.05	-0.005	0.04	2.49	0.035	0.084	0.877	35.6	0.248	6.64	0.36	ALS	WH17210399
E006411	0.36	432	0.89	0.007	0.892	19.2	0.055	-0.001	-0.002	9.61	-0.001	0.02	0.847	2.53	0.3	0.44	12.25	-0.005	0.03	2.77	0.03	0.094	0.761	37.9	0.197	5.94	0.89	ALS	WH17210399
E006412	0.34	377	1.5	0.006	0.657	18.6	0.065	-0.001	-0.002	11.6	-0.001	0.02	0.979	1.59	0.5	0.51	10.35	-0.005	0.05	0.514	0.028	0.119	0.676	46.6	0.223	3.98	0.19	ALS	WH17210399
E006413	0.36	192.5	1.01	0.005	0.671	16.9	0.056	0.001	-0.002	11.4	-0.001	0.01	0.833	1.83	0.3	0.48	8.98	-0.005	0.04	0.924	0.026	0.105	0.758	39.4	0.188	4.23	0.25	ALS	WH17210399
E006414	0.32	504	1.05	0.005	0.673	18.75	0.059	0.001	-0.002	9.3	-0.001	0.01	0.948	1.805	0.3	0.36	10.95	-0.005	0.03	1.54	0.032	0.075	0.68	34.5	0.191	4.37	0.33	ALS	WH17210399
E006415	0.28	225	0.95	0.006	0.625	15.05	0.051	0.001	-0.002	7.72	-0.001	0.02	0.898	1.485	0.3	0.35	8.65	-0.005	0.04	0.914	0.027	0.076	0.557	33.3	0.175	2.89	0.2	ALS	WH17210399
E006416	0.3	531	0.9	0.008	0.564	17.45	0.05	-0.001	-0.002	6.56	-0.001	0.01	0.867	1.59	0.2	0.3	10.6	-0.005	0.03	1.895	0.027	0.053	0.585	27.4	0.15	4.35	0.24	ALS	WH17210399
E006417	0.37	268	0.97	0.01	0.793	18.55	0.052	-0.001	-0.002	9.73	-0.001	0.02	0.912	2.01	0.3	0.4	10.6	-0.005	0.03	1.885	0.031	0.079	0.631	35.5	0.237	3.94	0.35	ALS	WH17210399
E006418	0.24	208	1.69	0.011	0.901	13.35	0.044	-0.001	-0.002	18.2	-0.001	0.02	0.904	1.685	0.3	0.55	9.33	-0.005	0.06	0.849	0.035	0.126	0.499	47.2	0.243	2.34	0.29	ALS	WH17210399
E006419	0.31	487	1.18	0.01	0.707	16	0.058	-0.001	0.003	9.14	-0.001	0.02	0.982	1.78	0.3	0.39	9.46	-0.005	0.05	1.4	0.031	0.081	0.536	36.2	0.186	2.97	0.26	ALS	WH17210399
E006420	0.44	352	1.35	0.011	1.46	20.5	0.038	0.001	-0.002	13.85	-0.001	0.01	0.944	3.14	0.5	0.58	10.95	-0.005	0.04	4.9	0.037	0.122	0.662	49.5	0.257	3.77	2.63	ALS	WH17210399
E006421	0.31	352	0.94	0.01	0.991	16.95	0.037	-0.001	-0.002	7.7	-0.001	0.01	0.892	2	0.3	0.37	9.7	-0.005	0.03	2.74	0.037	0.07	0.514	34.5	0.189	3.17	0.49	ALS	WH17210399
E006422	0.04	101.5	1.04	0.007	0.18	5.86	0.04	-0.001	-0.002	4.83	-0.001	0.02	0.544	0.485	0.2	0.46	4.48	-0.005	0.02	0.125	0.014	0.073	0.335	27.4	0.137	1.21	0.06	ALS	WH17210399
E006423	0.35	373	0.92	0.006	0.744	22	0.056	-0.001	-0.002	7.14	-0.001	0.01	0.846	2.65	0.3	0.3	10.7	-0.005	0.02	3.2	0.035	0.067	0.897	34.7	0.162	5.47	0.99	ALS	WH17210399
E006424	0.3	284	1.3	0.006	1.195	19.7	0.046	-0.001	-0.002	8.53	-0.001	0.01	0.837	2.68	0.4	0.39	9.97	-0.005	0.03	4.04	0.04	0.089	0.648	43.1	0.231	3.6	1.65	ALS	WH17210399
E006425	0.35	776	0.86	0.008	0.564	27.8	0.064	0.001	-0.002	6.78	-0.001	0.02	0.792	2.35	0.4	0.22	28.8	-0.005	0.04	5.38	0.026	0.057	0.933	27.3	0.141	5.02	0.97	ALS	WH17210399
E006426	0.37	884	1.11	0.008	0.53	28.1	0.056	0.001	-0.002	9.34	-0.001	0.01	0.726	2.6	0.3	0.27	22.1	-0.005	0.04	3.88	0.025	0.067	1.32	30.3	0.151	5.22	0.56	ALS	WH17210399
E006427	0.38	1730	1.81	0.007	0.271	44.8	0.065	0.005	0.002	6.91	-0.001	0.02	1.345	2.9	0.5	0.18	27.1	-0.005	0.06	8.78	0.016	0.057	2.27	18.9	0.088	11.5	1.89	ALS	WH17210399
E006428	0.4	1400	1.24	0.008	0.303	36.8	0.056	-0.001	0.002	7.07	-0.001	0.02	1.28	2.7	0.4	0.18	17.8	-0.005	0.05	7.27	0.014	0.066	1.375	19.9	0.091	7.47	1.16	ALS	WH17210399
E006429	0.39	817	1.11	0.007	0.433	29.2	0.07	0.001	-0.002	11.25	-0.001	0.02	0.894	2.46	0.3	0.31	15.7	-0.005	0.04	4.39	0.014	0.096	0.961	30.4	0.12	3.86	1.26	ALS	WH17210399
E006430	0.38	533	0.75	0.003	0.537	22	0.041	-0.001	-0.002	8.39	-0.001	0.01	0.544	2.24	0.5	0.22	15.3	-0.005	0.04	4.86	0.02	0.071	0.879	26.4	0.158	4.91	1.05	ALS	WH17210399
E006431	0.39	609	0.82	0.004	0.538	23.8	0.044	-0.001	-0.002	8.81	-0.001	0.01	0.535	2.17	0.5	0.28	12.95	-0.005	0.05	4.44	0.018	0.076	0.877	27.7	0.113	4.64	0.84	ALS	WH17210399
E006432	0.36	868	0.91	0.008	0.492	24.4	0.04	-0.001	-0.002	8.48	-0.001	0.02	0.835	2.26	0.7	0.21	18.2	-0.005	0.03	5.52	0.017	0.079	0.925	23.1	0.108	3.99	1.33	ALS	WH17210399

Sample	NAD East	NAD North	NAD RL	Au ME-MS41L ppm	Ag ME-MS41L ppm	Pb ME-MS41L ppm	Zn ME-MS41L ppm	Al ME-MS41L pct	As ME-MS41L ppm	B ME-MS41L ppm	Ba ME-MS41L ppm	Be ME-MS41L ppm	Bi ME-MS41L ppm	Ca ME-MS41L pct	Cd ME-MS41L ppm	Ce ME-MS41L ppm	Co ME-MS41L ppm	Cr ME-MS41L ppm	Cs ME-MS41L ppm	Cu ME-MS41L ppm	Fe ME-MS41L pct	Ga ME-MS41L ppm	Ge ME-MS41L ppm	Hf ME-MS41L ppm	Hg ME-MS41L ppm	In ME-MS41L ppm	K ME-MS41L pct	La ME-MS41L ppm	Li ME-MS41L ppm
E006433	487240	7085100	1305	0.004	0.203	22.3	81.4	1.39	17	-10	147.5	0.37	0.245	0.09	0.281	32.1	11.5	19.05	1.225	20.5	2.83	4.13	0.052	0.042	0.034	0.018	0.05	14.2	29.6
E006434	487258	7085090	1301	0.0006	0.117	14.8	80.7	1.26	16.05	-10	137	0.24	0.254	0.18	0.228	25.9	8	18.1	1.405	15.65	2.46	4.49	0.048	0.024	0.028	0.012	0.06	12	25.4
E006435	487276	7085081	1292	0.0034	0.375	24.1	104	1.52	29.1	-10	220	0.43	0.329	0.29	0.303	32.8	12.1	18.8	1.58	30.7	3.21	4.05	0.052	0.041	0.058	0.02	0.06	15.95	31.2
E006436	487294	7085073	1285	0.0033	0.35	23.1	105	1.44	29.7	-10	187	0.41	0.339	0.42	0.273	28.3	11.6	16.55	1.435	30.5	3.18	3.72	0.06	0.052	0.048	0.02	0.06	13.65	32.2
E006437	487312	7085062	1279	0.0021	0.225	23.5	84.8	1.34	27.4	-10	132	0.34	0.306	0.24	0.181	35	12.3	16.95	1.045	28	3.12	4.07	0.055	0.061	0.048	0.015	0.05	15.95	33.9
E006438	487331	7085058	1274	0.003	0.182	20.1	93.3	1.44	20.6	-10	146	0.43	0.293	0.33	0.28	34.7	12.1	16.65	1.015	30.7	3.27	4.11	0.076	0.071	0.04	0.018	0.06	16.05	35.1
E006439	487345	7085048	1271	0.0038	0.35	26.6	126	1.05	50.7	-10	145	0.42	0.284	0.77	0.606	19.8	13.45	14.6	0.919	29.1	3.58	2.51	0.058	0.046	0.073	0.019	0.04	9.65	18.8
E006440	487365	7085039	1269	0.0029	0.299	18.95	95.9	1.16	26.4	-10	118.5	0.53	0.278	1.45	0.292	20.6	11.8	17.55	0.925	34.9	2.81	2.78	0.051	0.028	0.083	0.02	0.05	10.4	19.7
E006441	487388	7085028	1269	0.0308	0.208	16.55	77.1	1.2	14.35	-10	143.5	0.44	0.233	0.56	0.236	29.4	10.6	18.65	0.772	29.9	2.72	3.41	0.056	0.061	0.062	0.017	0.04	15.05	21.4
E006442	487404	7085021	1268	0.0036	0.197	17.6	78.2	1.2	14.25	-10	140.5	0.28	0.238	0.53	0.221	30.7	11	20.1	0.833	36.1	2.75	3.19	0.05	0.068	0.065	0.017	0.04	15.4	16.3
E006443	487420	7085015	1266	0.0018	0.172	23.1	88.3	1.17	16.65	-10	123	0.36	0.297	0.35	0.195	37.8	14.7	16.75	0.899	42.7	3.3	3.24	0.067	0.051	0.06	0.021	0.04	18.85	20.4
E006444	487439	7085005	1266	0.0021	0.172	21.3	84.9	1.15	13.65	-10	191	0.37	0.293	0.38	0.23	30.1	12.65	18.15	1.07	36.1	2.91	3.37	0.055	0.058	0.049	0.023	0.04	15	17.5
E006445	487458	7084995	1264	0.0031	0.211	17.2	79.8	1.23	12.3	-10	185.5	0.36	0.241	0.62	0.251	29.6	10.3	20.5	0.867	32.6	2.57	3.47	0.052	0.051	0.081	0.019	0.04	15	17.5
E006446	487477	7084989	1261	0.0025	0.182	17.95	76.2	1.19	18.1	-10	169	0.38	0.263	0.66	0.214	33.7	11.95	18.4	0.897	37.8	2.64	3.5	0.054	0.062	0.094	0.016	0.05	16	18.8
E006447	486743	7085549	1420	0.0016	0.201	19.55	85.4	1.29	11.1	-10	250	0.38	0.206	0.18	0.232	39.3	10	20.8	0.94	33	2.54	4.19	0.065	0.027	0.137	0.021	0.04	20.3	15.3
E006448	486765	7085540	1419	0.0043	0.182	16.95	73.7	1.39	10.95	-10	177.5	0.37	0.208	0.17	0.188	35.1	9.1	20.7	1.03	27.9	2.61	4.32	0.062	0.025	0.079	0.021	0.05	16.3	14.6
E006449	486781	7085531	1417	0.0021	0.159	16.85	82.3	1.37	12.35	-10	231	0.36	0.208	0.21	0.302	37.3	10.55	22.7	0.785	30.6	2.88	4.23	0.058	0.047	0.064	0.021	0.05	18.35	14.4
E006450	486798	7085526	1416	0.0019	0.088	17.4	61.9	1.44	9.78	-10	146	0.33	0.242	0.13	0.091	29.5	8.59	19.15	0.989	22.2	2.56	4.37	0.049	0.031	0.049	0.024	0.04	12.8	16.8
E006451	486817	7085518	1413	0.0014	0.164	36	90.9	1.32	12.15	-10	143	0.32	0.321	0.11	0.26	33.2	10.8	19.6	1.075	28.8	3.08	4.01	0.044	0.038	0.064	0.022	0.04	15	19
E006452	486835	7085508	1410	0.0036	0.141	21.8	84	1.53	11.9	-10	165	0.49	0.295	0.14	0.137	35.9	12.05	21.2	1.165	27.9	3.09	4.56	0.06	0.031	0.052	0.024	0.04	16.6	20.3
E006453	486852	7085498	1407	0.001	0.084	19.05	65.1	1.55	8.82	-10	174.5	0.35	0.219	0.14	0.105	33.9	7.82	19.55	0.979	21.6	2.7	4.13	0.056	0.023	0.067	0.014	0.05	15.5	18.1
E006454	486870	7085490	1404	0.0019	0.167	21.3	80.2	1.43	11.6	-10	233	0.4	0.246	0.18	0.209	40.9	11.05	21.5	1.025	28.5	2.7	4.37	0.058	0.039	0.039	0.029	0.05	19.05	18.4
E006455	486889	7085481	1400	0.001	0.129	14.85	63.7	1.73	10.1	-10	224	0.4	0.233	0.12	0.108	27.7	7.88	22.8	1.165	16.4	2.81	5.35	0.053	0.013	0.033	0.019	0.06	12.5	18.6
E006456	486909	7085474	1395	0.0371	0.149	13.05	57.8	1.37	9.64	-10	192	0.45	0.197	0.18	0.091	29.4	7.98	20.9	0.932	20.8	2.37	4.46	0.044	0.015	0.048	0.021	0.04	13.7	15.8
E006457	486926	7085464	1391	0.0012	0.083	13.2	57.8	1.3	9.66	-10	130	0.37	0.178	0.14	0.103	29.7	7.56	20.6	0.856	17.6	2.16	4.27	0.058	0.012	0.042	0.017	0.04	14.5	20.1
E006458	486957	7085465	1384	0.0007	0.221	20	70.4	1.27	12.85	-10	147	0.36	0.23	0.17	0.149	23.9	8.97	21.3	0.961	15.1	2.65	4.47	0.053	0.002	0.036	0.016	0.04	11.55	15.4
E006459	486965	7085443	1384	0.0026	1.12	47.4	155.5	0.91	60.9	-10	200	0.39	0.214	0.43	1.045	34.4	10.35	16.5	0.975	30.4	2.56	2.79	0.057	0.027	0.07	0.019	0.05	17.25	13.2
E006460	487000	7085433	1376	0.0019	1.125	32.6	157.5	1.34	36.7	-10	202	0.53	0.18	0.43	0.445	23	8.01	22	1.025	18.7	2.39	3.78	0.057	0.066	0.06	0.019	0.04	12.85	19.5
E006461	487015	7085423	1374	0.0053	1.555	38.9	181.5	1.33	36.6	-10	243	0.49	0.194	0.41	0.435	20.4	7.49	21.5	1.06	17.55	2.49	3.78	0.054	0.075	0.069	0.024	0.05	10.9	18.5
E006462	487034	7085415	1371	0.0026	1.62	34.7	141	1.45	33.5	-10	289	0.62	0.197	0.46	0.668	25.4	10.25	24.7	1.035	29.3	2.82	4.15	0.054	0.072	0.072	0.02	0.05	13.95	17.5
E006463	487055	7085407	1367	0.0015	0.614	24.2	90.5	1.47	18.2	-10	244	0.4	0.168	0.25	0.228	25.8	8.19	22.9	1.02	16.5	2.36	4.07	0.054	0.03	0.051	0.021	0.04	12.35	18.4
E006464	487071	7085398	1364	0.0018	0.37	30.8	102	1.27	26.1	-10	152	0.33	0.227	0.17	0.286	35.6	12.55	20.1	0.98	29.9	3.03	3.79	0.078	0.018	0.081	0.02	0.04	17.95	22.3

Sample	Mg ME-MS41L pct	Mn ME-MS41L ppm	Mo ME-MS41L ppm	Na ME-MS41L pct	Nb ME-MS41L ppm	Ni ME-MS41L ppm	P ME-MS41L pct	Pd ME-MS41L ppm	Pt ME-MS41L ppm	Rb ME-MS41L ppm	Re ME-MS41L ppm	S ME-MS41L pct	Sb ME-MS41L ppm	Sc ME-MS41L ppm	Se ME-MS41L ppm	Sn ME-MS41L ppm	Sr ME-MS41L ppm	Ta ME-MS41L ppm	Te ME-MS41L ppm	Th ME-MS41L ppm	Ti ME-MS41L pct	Tl ME-MS41L ppm	U ME-MS41L ppm	V ME-MS41L ppm	W ME-MS41L ppm	Y ME-MS41L ppm	Zr ME-MS41L ppm	Lab	Certificate
E006433	0.37	617	0.83	0.005	0.499	22	0.043	-0.001	-0.002	8.62	-0.001	0.02	0.531	2.55	0.3	0.24	11.4	-0.005	0.05	4.43	0.017	0.081	1.105	26.7	0.151	4.59	1.09	ALS	WH17210399
E006434	0.35	353	1.03	0.004	0.498	20.5	0.052	-0.001	-0.002	9.77	-0.001	0.02	0.539	2.05	0.4	0.25	19.25	-0.005	0.03	2.46	0.017	0.085	0.616	28.7	0.165	2.89	0.59	ALS	WH17210399
E006435	0.43	751	1.01	0.006	0.388	28.3	0.068	-0.001	-0.002	11.35	-0.001	0.03	0.871	2.81	0.9	0.24	31.2	-0.005	0.05	4.21	0.014	0.091	2.12	24.2	0.107	8.78	1.41	ALS	WH17210399
E006436	0.44	645	0.86	0.007	0.355	27.1	0.068	-0.001	-0.002	9.57	-0.001	0.05	0.873	2.48	0.7	0.19	41.8	-0.005	0.06	3.73	0.012	0.075	1.89	19.9	0.093	7	1.59	ALS	WH17210399
E006437	0.46	613	0.76	0.003	0.292	27.4	0.042	-0.001	-0.002	7.78	-0.001	0.02	0.63	2.52	0.7	0.18	23.1	-0.005	0.05	6	0.012	0.059	1.37	17.6	0.08	5.45	1.85	ALS	WH17210399
E006438	0.49	600	0.75	0.003	0.308	26.9	0.06	-0.001	-0.002	9.23	-0.001	0.03	0.554	2.51	0.6	0.19	25.7	0.006	0.07	5.36	0.011	0.062	1.53	17.2	0.061	6.39	2.09	ALS	WH17210399
E006439	0.28	997	1.09	0.006	0.239	29.1	0.087	-0.001	-0.002	7.25	0.001	0.07	1.795	2.46	1.5	0.15	41.9	-0.005	0.03	1.86	0.01	0.051	2.09	17.1	0.07	12.75	1.55	ALS	WH17210399
E006440	0.37	708	0.79	0.008	0.304	28.1	0.108	-0.001	-0.002	8.67	-0.001	0.1	0.975	1.685	1.7	0.18	78.7	-0.005	0.07	0.904	0.013	0.055	2.85	21.4	0.107	13.4	1.22	ALS	WH17210399
E006441	0.38	541	0.89	0.005	0.479	28.6	0.07	-0.001	-0.002	7.14	-0.001	0.04	0.85	3.12	0.4	0.21	36.7	-0.005	0.03	2.86	0.02	0.058	1.19	27.5	0.188	13.8	1.87	ALS	WH17210399
E006442	0.41	503	1.05	0.008	0.526	30	0.055	-0.001	-0.002	7.01	-0.001	0.03	0.837	2.91	0.6	0.23	34	-0.005	0.06	3.67	0.024	0.056	1.13	27.9	0.218	12.9	2.29	ALS	WH17210399
E006443	0.41	774	1.15	0.006	0.376	35.1	0.056	-0.001	-0.002	6.49	-0.001	0.03	0.774	3.13	0.4	0.19	25.2	-0.005	0.07	6.06	0.019	0.054	1.045	22.9	0.189	13.6	1.97	ALS	WH17210399
E006444	0.38	620	1.13	0.005	0.444	32.3	0.064	-0.001	-0.002	7.1	-0.001	0.03	0.988	3.02	0.6	0.19	23.3	-0.005	0.06	4.5	0.019	0.065	1.085	24.1	0.1	13.75	2.18	ALS	WH17210399
E006445	0.38	577	1	0.006	0.487	29.4	0.066	-0.001	-0.002	7.96	-0.001	0.03	0.753	3.1	0.6	0.24	31.5	-0.005	0.04	3.2	0.02	0.069	1.43	26.3	0.115	12.35	1.68	ALS	WH17210399
E006446	0.38	606	0.83	0.006	0.479	30.4	0.062	-0.001	-0.002	7.87	-0.001	0.03	0.835	3.37	0.7	0.23	28.7	-0.005	0.05	4.1	0.02	0.07	1.335	25.6	0.22	13.25	2.03	ALS	WH17210399
E006447	0.4	607	2.13	0.005	0.561	27.8	0.056	-0.001	-0.002	7.9	-0.001	0.01	0.891	3.61	0.6	0.29	16	0.007	0.04	2.7	0.027	0.11	0.965	37.4	0.17	14.35	0.78	ALS	WH17210399
E006448	0.39	500	1.85	0.008	0.641	24.2	0.058	-0.001	-0.002	8.4	-0.001	0.02	0.902	3.02	0.5	0.33	13.6	-0.005	0.09	2.46	0.028	0.115	0.7	37.4	0.18	9.58	0.86	ALS	WH17210399
E006449	0.41	768	1.57	0.005	0.659	28.9	0.071	-0.001	-0.002	8.98	-0.001	0.01	0.819	4.61	0.6	0.34	15.95	-0.005	0.04	3.38	0.031	0.089	0.97	36.8	0.177	17	1.55	ALS	WH17210399
E006450	0.37	360	2.39	0.002	0.61	21.1	0.055	-0.001	-0.002	8.82	-0.001	0.01	0.747	2.22	0.7	0.32	11.1	-0.005	0.05	2.15	0.021	0.116	0.761	34.2	0.211	4.39	1.02	ALS	WH17210399
E006451	0.35	560	3.87	0.002	0.54	24.3	0.064	-0.001	-0.002	7.84	-0.001	0.02	1.07	2.04	0.9	0.3	13.2	-0.005	0.05	2.68	0.021	0.105	0.9	34.9	0.17	5.87	1.17	ALS	WH17210399
E006452	0.4	617	2.17	0.002	0.538	27.7	0.068	-0.001	-0.002	9.37	-0.001	0.02	0.638	2.63	0.8	0.29	11.65	-0.005	0.05	2.44	0.02	0.093	1.105	33.1	0.137	8.29	1.03	ALS	WH17210399
E006453	0.45	367	0.82	0.009	0.585	21.2	0.059	-0.001	-0.002	10.8	-0.001	0.02	0.471	2.66	0.5	0.28	11	-0.005	0.04	2.64	0.022	0.101	0.75	31	0.181	7.26	0.74	ALS	WH17210399
E006454	0.4	647	1.08	0.002	0.525	28.6	0.069	-0.001	-0.002	11	-0.001	0.02	0.536	3.39	0.6	0.31	13.75	-0.005	0.03	2.85	0.021	0.094	1.04	32.9	0.186	13.85	1.08	ALS	WH17210399
E006455	0.42	444	1.09	0.009	0.479	19.1	0.084	-0.001	-0.002	13.5	-0.001	0.04	0.443	1.76	0.5	0.39	11.9	-0.005	0.05	0.675	0.018	0.131	0.721	38.8	0.245	5.32	0.27	ALS	WH17210399
E006456	0.37	372	0.85	0.005	0.494	20.6	0.077	-0.001	-0.002	9.85	-0.001	0.02	0.549	2.41	0.4	0.29	14.3	-0.005	0.05	1.18	0.024	0.092	0.729	34.7	0.182	7.95	0.49	ALS	WH17210399
E006457	0.38	324	0.81	0.003	0.639	20.2	0.053	-0.001	-0.002	10.3	-0.001	0.01	0.463	1.94	0.3	0.28	10.5	-0.005	0.02	1.98	0.021	0.083	0.589	29.7	0.173	5.13	0.52	ALS	WH17210399
E006458	0.35	773	1.17	0.005	0.399	18.7	0.065	-0.001	-0.002	10.5	-0.001	0.03	0.724	1.315	0.5	0.4	13.15	-0.005	0.05	0.49	0.021	0.098	0.686	36.1	0.186	4.31	0.14	ALS	WH17210399
E006459	0.29	1015	3.92	0.004	0.445	27.6	0.065	-0.001	-0.002	7.68	-0.001	0.04	3.45	2.63	0.8	0.33	30	-0.005	0.05	3.5	0.018	0.122	0.899	28.4	0.174	9.28	0.84	ALS	WH17210399
E006460	0.37	437	0.77	0.003	0.493	24	0.065	-0.001	-0.002	10.6	-0.001	0.03	1.39	2.67	0.5	0.51	28.8	-0.005	0.04	2.14	0.016	0.092	1.16	28.7	0.147	8.46	1.83	ALS	WH17210399
E006461	0.37	465	0.81	0.005	0.504	21.8	0.08	-0.001	-0.002	11.3	-0.001	0.04	1.855	2.68	0.4	0.48	26	-0.005	0.04	2.14	0.014	0.099	0.951	28.7	0.178	6.52	2.01	ALS	WH17210399
E006462	0.42	761	0.93	0.009	0.566	28.2	0.082	-0.001	-0.002	10.6	-0.001	0.04	1.795	3.71	0.4	0.41	30.3	-0.005	0.05	2.31	0.023	0.097	1.735	34.9	0.234	12.5	2.08	ALS	WH17210399
E006463	0.4	385	0.82	0.009	0.722	22	0.059	-0.001	-0.002	9.07	-0.001	0.04	0.844	2.52	0.2	0.37	19.75	0.007	0.03	1.89	0.022	0.103	1.08	34.4	0.196	5.94	0.86	ALS	WH17210399
E006464	0.39	915	1	0.006	0.484	28.4	0.06	0.002	-0.002	8.51	-0.001	0.02	1.185	2.69	0.4	0.53	15.45	-0.005	0.06	2.64	0.021	0.065	0.972	27.4	0.185	9.03	0.53	ALS	WH17210399

Sample	NAD East	NAD North	NAD RL	Au ME-MS41L ppm	Ag ME-MS41L ppm	Pb ME-MS41L ppm	Zn ME-MS41L ppm	Al ME-MS41L pct	As ME-MS41L ppm	B ME-MS41L ppm	Ba ME-MS41L ppm	Be ME-MS41L ppm	Bi ME-MS41L ppm	Ca ME-MS41L pct	Cd ME-MS41L ppm	Ce ME-MS41L ppm	Co ME-MS41L ppm	Cr ME-MS41L ppm	Cs ME-MS41L ppm	Cu ME-MS41L ppm	Fe ME-MS41L pct	Ga ME-MS41L ppm	Ge ME-MS41L ppm	Hf ME-MS41L ppm	Hg ME-MS41L ppm	In ME-MS41L ppm	K ME-MS41L pct	La ME-MS41L ppm	Li ME-MS41L ppm
E006465	487090	7085389	1362	0.0023	0.285	21.3	87.9	1.28	26.1	-10	212	0.48	0.201	0.21	0.238	34.4	11.7	21.5	0.816	31.8	2.85	3.66	0.069	0.059	0.058	0.023	0.04	17.8	19.6
E006466	487107	7085380	1358	0.0025	0.571	29.9	117	1.35	30.5	-10	165	0.58	0.273	0.58	0.661	46	18.9	16.4	0.852	43.4	3.54	3.26	0.075	0.089	0.1	0.025	0.04	23.7	23.7
E006469	487161	7085356	1339	0.0022	0.357	30.8	107.5	1.28	12.35	-10	119.5	0.45	0.346	0.43	0.469	45.5	16.65	17.15	0.637	49.6	3.63	3.45	0.076	0.093	0.063	0.017	0.04	24.6	31.6
E006470	487180	7085346	1333	0.0018	0.423	25.9	101	1.36	16.15	-10	147	0.55	0.282	0.47	0.558	34.7	14.45	17	0.812	38.1	3.12	3.36	0.067	0.075	0.085	0.02	0.04	18.2	26.4
E006471	487196	7085336	1328	0.0012	0.328	21.5	98	1.23	16.4	-10	128.5	0.54	0.253	0.41	0.553	31.9	13.6	17.75	0.761	39.4	3.06	3.48	0.066	0.079	0.07	0.02	0.04	16.7	26.2
E006472	487216	7085328	1322	0.0021	0.416	24.9	105.5	1.39	24.1	-10	159.5	0.58	0.287	0.47	0.552	32	15.5	18.4	0.906	40.9	3.35	3.41	0.073	0.079	0.075	0.024	0.04	16.95	25.2
E006473	487234	7085321	1314	0.0022	0.473	25.5	101	1.38	32.4	-10	192.5	0.59	0.312	0.69	0.482	29.5	15.35	17.5	0.965	47.5	3.09	3.44	0.074	0.088	0.091	0.025	0.04	15.9	25.6
E006474	487253	7085314	1309	0.0044	0.382	26.2	93.1	1.21	25.2	-10	158.5	0.51	0.255	0.82	0.543	31.7	12.65	16.55	0.79	33.8	3.04	3.08	0.07	0.072	0.063	0.025	0.04	16.7	22.4
E006475	487272	7085305	1304	0.0013	0.293	17.8	82.7	1.2	14.95	-10	151	0.53	0.231	0.54	0.33	26.4	10.45	17	0.817	25.8	2.49	3.41	0.06	0.062	0.053	0.015	0.05	13.75	23.5
E006476	487288	7085295	1301	0.0014	0.194	26.3	84.4	0.81	16.55	-10	147	0.36	0.291	0.75	0.343	34.6	16.75	12.15	0.655	46.3	3	2.36	0.075	0.095	0.06	0.023	0.04	16.5	18.4
E006477	487307	7085288	1294	0.001	0.143	28.7	101.5	0.72	17.95	-10	79.8	0.39	0.381	0.78	0.196	38.7	20.3	10.65	0.747	61.8	3.81	2.19	0.084	0.131	0.058	0.019	0.03	19.95	19.7
E006478	487326	7085280	1287	0.0027	0.179	29.3	96.1	0.96	14.9	-10	107	0.43	0.355	0.75	0.235	25.2	16.1	13.85	1.03	47.3	3.27	2.8	0.067	0.077	0.062	0.021	0.04	12.4	23.9
E006479	487343	7085271	1280	0.0019	0.216	25.2	84.2	1.07	11.9	-10	95.3	0.42	0.32	0.58	0.168	24.9	14.1	15.9	1.09	45.9	3.01	3.09	0.065	0.088	0.088	0.019	0.04	12.75	24.8
E006480	487361	7085261	1271	0.0018	0.223	20	69.4	1.02	10.7	-10	130	0.4	0.244	0.78	0.229	21.5	11.85	14.85	0.844	38.6	2.5	2.88	0.055	0.087	0.073	0.015	0.04	10.7	23.4
E006481	487378	7085255	1263	0.0028	0.21	18.65	71	1.1	12.45	-10	136.5	0.44	0.256	0.66	0.284	26	11.4	16.5	0.747	38.5	2.46	3.27	0.061	0.09	0.065	0.015	0.04	13.1	23.7
E006482	487396	7085245	1257	0.002	0.232	20.8	81.2	1.12	11.9	-10	144	0.42	0.243	0.52	0.267	25.5	11.25	17.2	0.77	37.3	2.81	3.3	0.06	0.074	0.062	0.019	0.05	13	21.4
E006483	487415	7085238	1248	0.002	0.221	22.3	87.2	1.22	11.85	-10	177	0.45	0.261	0.47	0.258	27.7	11.65	20.1	0.863	33	2.6	3.68	0.056	0.076	0.064	0.019	0.04	13.5	23.6
E006484	487432	7085228	1243	0.0028	0.245	21.5	82	1.21	10.45	-10	219	0.43	0.256	0.54	0.235	26.2	12.3	19.95	0.95	29.6	2.54	3.58	0.053	0.072	0.076	0.022	0.05	12.65	21.9
E006485	487453	7085221	1242	0.002	0.201	19.6	73.5	1.21	12	-10	215	0.46	0.248	0.42	0.274	27.9	11.2	18.5	0.807	31.6	2.68	3.58	0.057	0.07	0.057	0.017	0.04	12.9	22.7
E006486	487469	7085210	1239	0.0066	1.395	19.35	74.4	0.83	13	-10	211	0.26	0.243	0.54	0.314	24.2	8.77	15.3	0.694	21.2	2.17	2.58	0.059	0.082	0.214	0.016	0.04	12.85	15.6
E006487	487489	7085203	1230	0.0068	0.511	19.15	95.5	1.1	12.1	-10	231	0.38	0.232	0.43	0.41	28	11.75	17.7	1.065	34.4	2.6	3.18	0.059	0.078	0.1	0.023	0.04	13.85	19.7
E006488	487506	7085196	1225	0.0029	0.236	20.8	141	1.3	14.8	-10	217	0.49	0.238	0.48	0.719	26.2	11.85	20.6	1.23	61.6	5.12	3.68	0.082	0.089	0.076	0.03	0.05	13	22.4
E006489	487524	7085186	1219	0.0037	0.257	20.2	137	1.18	13.4	-10	186.5	0.54	0.249	0.55	0.612	24.6	12.4	19.45	1.52	53.7	3.67	3.58	0.074	0.079	0.076	0.028	0.04	11.6	22.5
E006490	487542	7085179	1217	0.003	0.293	22.1	89.5	1.27	13.55	-10	241	0.46	0.259	0.46	0.385	27.5	14.3	20.2	1.14	34.5	2.79	3.87	0.056	0.087	0.076	0.017	0.05	13.45	25.3
E006491	487561	7085170	1214	0.0026	0.247	21.2	89.4	1.23	19.4	-10	203	0.5	0.255	0.43	0.348	27.9	13.5	18.4	0.924	33.1	2.92	3.77	0.058	0.087	0.067	0.025	0.04	13.65	27.7
E006492	487644	7085349	1197	0.0062	0.362	24.2	69.7	0.91	20.7	-10	99.9	0.22	0.131	0.13	0.307	23.3	6.45	17.75	0.888	27.7	1.81	3.07	0.046	0.003	0.035	0.02	0.03	11.45	11.4
E006493	487626	7085359	1194	0.0048	0.353	23.7	66.9	1.08	22.7	-10	110	0.25	0.147	0.14	0.317	26.7	6.83	22.3	0.962	29.3	2.07	3.67	0.046	0.005	0.035	0.02	0.03	12.8	12.3
E006494	487608	7085367	1190	0.0029	0.577	32.5	77.7	1.34	20.7	-10	198.5	0.3	0.192	0.19	0.303	24.5	28.1	27.5	1.255	24.3	2.49	4.55	0.051	-0.002	0.055	0.024	0.04	10.35	17.7
E006495	487590	7085376	1191	0.002	0.304	16.85	120.5	1.39	17.15	-10	230	0.42	0.156	0.44	0.878	23.6	12.25	22.5	0.854	19.6	2.36	3.59	0.052	0.026	0.044	0.016	0.04	11.05	34.5
E006496	487571	7085384	1181	0.0028	0.282	19.35	108	1.05	17.75	-10	135.5	0.39	0.32	0.46	0.745	28.4	13.9	18.4	0.596	34.9	2.93	3.26	0.07	0.071	0.126	0.019	0.04	14.15	27
E006497	487555	7085392	1187	0.0024	0.393	16.3	107.5	1.04	10.85	-10	129	0.34	0.228	0.89	0.876	22	14.05	15.95	0.657	30.4	2.63	3.14	0.067	0.064	0.095	0.016	0.03	10.6	24.1
E006498	487535	7085401	1192	0.0028	0.491	19.3	109	1.18	11.65	-10	136	0.44	0.261	0.87	0.66	24.3	11.7	17.95	0.708	32	2.92	3.39	0.059	0.069	0.101	0.018	0.04	11.75	27

Sample	Mg ME-MS41L pct	Mn ME-MS41L ppm	Mo ME-MS41L ppm	Na ME-MS41L pct	Nb ME-MS41L ppm	Ni ME-MS41L ppm	P ME-MS41L pct	Pd ME-MS41L ppm	Pt ME-MS41L ppm	Rb ME-MS41L ppm	Re ME-MS41L ppm	S ME-MS41L pct	Sb ME-MS41L ppm	Sc ME-MS41L ppm	Se ME-MS41L ppm	Sn ME-MS41L ppm	Sr ME-MS41L ppm	Ta ME-MS41L ppm	Te ME-MS41L ppm	Th ME-MS41L ppm	Ti ME-MS41L pct	Tl ME-MS41L ppm	U ME-MS41L ppm	V ME-MS41L ppm	W ME-MS41L ppm	Y ME-MS41L ppm	Zr ME-MS41L ppm	Lab	Certificate
E006465	0.39	773	1.06	0.003	0.627	30.7	0.043	-0.001	-0.002	7.07	-0.001	0.02	1.18	3.61	0.5	0.29	16.95	-0.005	0.05	4.02	0.023	0.062	0.991	28.9	0.168	10.2	1.67	ALS	WH17210399
E006466	0.39	1920	0.91	0.007	0.333	39.7	0.08	-0.001	-0.002	7	-0.001	0.05	1.42	3.11	0.8	0.21	34.3	-0.005	0.09	2.7	0.014	0.059	1.355	21.2	0.116	18.15	2.61	ALS	WH17210399
E006469	0.57	1225	1.14	0.006	0.288	37.3	0.064	-0.001	-0.002	5.62	-0.001	0.05	0.694	2.58	0.5	0.14	30.7	-0.005	0.09	6.48	0.011	0.039	2.18	15.8	0.071	12.3	3.41	ALS	WH17210399
E006470	0.43	1270	0.98	0.005	0.319	32	0.079	-0.001	-0.002	7.81	-0.001	0.05	0.666	2.43	0.9	0.22	31.1	-0.005	0.04	2.78	0.012	0.065	2.34	19.7	0.106	15.1	2.5	ALS	WH17210399
E006471	0.42	907	0.92	0.007	0.452	33.1	0.055	-0.001	-0.002	6.35	-0.001	0.03	0.718	3.45	0.5	0.23	27.8	-0.005	0.09	4.12	0.018	0.056	1.6	22	0.123	14.05	2.39	ALS	WH17210399
E006472	0.44	1230	1.06	0.007	0.405	35.4	0.075	-0.001	-0.002	8.18	-0.001	0.05	0.841	3.03	0.9	0.21	30.8	-0.005	0.09	3.44	0.016	0.067	1.86	22.2	0.104	15.6	2.42	ALS	WH17210399
E006473	0.38	556	1	0.003	0.42	34.8	0.081	0.001	-0.002	9.2	-0.001	0.05	0.895	3.03	1.3	0.22	42	-0.005	0.05	3.22	0.011	0.075	2.3	21.3	0.107	16	2.79	ALS	WH17210399
E006474	0.41	1190	1.1	0.009	0.414	30.9	0.079	0.004	-0.002	7.28	-0.001	0.05	0.837	2.9	0.7	0.2	39.9	-0.005	0.07	3.65	0.016	0.064	1.27	21.6	0.115	13.85	2.37	ALS	WH17210399
E006475	0.4	470	0.92	0.006	0.46	25.6	0.061	0.001	-0.002	8.28	-0.001	0.04	0.628	2.74	0.6	0.22	33.8	-0.005	0.04	3.35	0.016	0.068	1.75	22.7	0.135	10.15	2.14	ALS	WH17210399
E006476	0.32	1305	1.15	0.005	0.321	37.4	0.088	-0.001	-0.002	4.72	-0.001	0.06	1.12	2.91	0.8	0.14	42.1	-0.005	0.05	5.7	0.013	0.047	1.075	15.3	0.439	13.65	3.33	ALS	WH17210399
E006477	0.34	1090	1.29	0.004	0.268	46.4	0.077	-0.001	-0.002	3.23	-0.001	0.08	1.18	3.08	0.8	0.12	37.8	-0.005	0.13	9.57	0.011	0.026	1.075	11.8	0.059	12.9	5.84	ALS	WH17210399
E006478	0.34	739	1.04	0.003	0.326	32.4	0.074	0.002	-0.002	5.57	-0.001	0.04	0.689	2.8	0.6	0.16	42.7	-0.005	0.08	4.91	0.012	0.039	1.65	16	0.074	11.05	2.73	ALS	WH17210399
E006479	0.39	529	0.8	0.005	0.388	29	0.053	0.001	-0.002	5.89	-0.001	0.04	0.572	2.97	0.6	0.17	34.5	-0.005	0.06	4.31	0.014	0.046	1.835	19	0.101	11.95	2.93	ALS	WH17210399
E006480	0.39	824	1.01	0.008	0.381	25.1	0.06	0.002	-0.002	5.63	-0.001	0.05	0.611	2.32	0.8	0.17	43	-0.005	0.04	3.45	0.013	0.055	2.1	17.8	0.077	9.49	2.9	ALS	WH17210399
E006481	0.42	633	1	0.006	0.407	27	0.061	0.002	-0.002	6	-0.001	0.04	0.702	2.68	0.6	0.16	35.7	-0.005	0.06	3.91	0.014	0.056	1.75	20.4	0.092	10.45	2.85	ALS	WH17210399
E006482	0.4	567	1.09	0.008	0.473	27.3	0.063	0.003	-0.002	6.12	-0.001	0.04	0.812	2.89	0.8	0.21	30.8	-0.005	0.04	3.43	0.016	0.051	1.825	22.9	0.224	11.05	2.7	ALS	WH17210399
E006483	0.42	422	1.13	0.008	0.498	27	0.06	-0.001	-0.002	7.21	-0.001	0.03	0.758	3.08	0.6	0.23	28.1	-0.005	0.04	3.71	0.016	0.066	1.815	25.8	0.216	9.95	2.67	ALS	WH17210399
E006484	0.41	520	1.06	0.008	0.545	23.8	0.063	-0.001	-0.002	7.97	-0.001	0.05	0.736	2.67	0.7	0.3	33.8	-0.005	0.04	3.08	0.017	0.072	1.91	26.9	0.105	8.77	2.61	ALS	WH17210399
E006485	0.39	559	1.16	0.006	0.517	25.2	0.057	0.001	-0.002	6.66	0.001	0.03	0.783	2.97	0.9	0.27	25.8	-0.005	0.04	4.08	0.015	0.07	1.665	25.3	0.138	8.26	2.75	ALS	WH17210399
E006486	0.28	481	2.74	0.007	0.421	20.5	0.07	0.002	-0.002	5.41	-0.001	0.04	1.23	2.24	1.3	0.21	42.3	-0.005	0.07	3.67	0.015	0.072	1.16	23.5	0.152	5.8	3.05	ALS	WH17210399
E006487	0.35	686	2.23	0.008	0.508	29.7	0.073	0.001	-0.002	6.52	-0.001	0.03	1.065	2.92	1	0.25	30.3	-0.005	0.05	4.12	0.018	0.069	2.09	25.2	0.139	8.41	2.65	ALS	WH17210399
E006488	0.4	715	2.29	0.011	0.553	34.7	0.086	0.001	-0.002	6.16	-0.001	0.04	1.07	3.55	1.5	0.22	30.9	-0.005	0.07	4.92	0.02	0.074	3.91	43.4	0.175	10.25	3.05	ALS	WH17210399
E006489	0.35	689	2.09	0.006	0.513	36.8	0.072	0.003	-0.002	7.33	-0.001	0.04	1.015	3.01	1.2	0.26	37.5	-0.005	0.05	3.61	0.019	0.076	3.43	32.3	0.446	8.47	2.64	ALS	WH17210399
E006490	0.4	1400	1.6	0.007	0.457	30.1	0.069	-0.001	-0.002	9.25	-0.001	0.04	0.775	2.88	0.8	0.27	33.9	-0.005	0.07	2.95	0.016	0.085	2.62	26.6	0.114	9.69	2.4	ALS	WH17210399
E006491	0.41	529	2.16	0.004	0.486	28.8	0.065	0.001	-0.002	8.18	-0.001	0.04	0.764	3.09	1.1	0.26	31.2	-0.005	0.04	3.58	0.014	0.074	2.36	26.7	0.121	9.41	2.71	ALS	WH17210399
E006492	0.28	306	1	0.003	0.404	17.55	0.056	-0.001	-0.002	4.89	-0.001	0.01	1.16	1.65	0.3	0.24	9.83	-0.005	0.04	0.759	0.029	0.06	0.514	29.1	0.145	3.93	0.17	ALS	WH17210399
E006493	0.32	275	1.11	0.005	0.383	18.25	0.064	0.001	-0.002	5.92	-0.001	-0.01	1.09	1.475	0.2	0.26	10.25	-0.005	0.03	0.425	0.033	0.065	0.607	37.5	0.201	4.66	0.16	ALS	WH17210399
E006494	0.34	1820	1.44	0.007	0.221	23.7	0.079	0.001	-0.002	9.1	-0.001	0.03	1.025	1.085	0.6	0.31	17.25	-0.005	0.04	0.143	0.021	0.115	0.82	40.1	0.167	4.3	0.06	ALS	WH17210399
E006495	0.32	1005	0.97	0.005	0.442	30.6	0.078	0.001	-0.002	8.26	0.002	0.04	0.874	2.38	1	0.22	29.1	-0.005	0.03	1.32	0.018	0.071	2.05	28.3	0.114	7.2	0.79	ALS	WH17210399
E006496	0.37	281	3.26	0.006	0.492	33.4	0.067	-0.001	-0.002	5.49	0.003	0.07	1.23	2.93	2.8	0.2	30.7	-0.005	0.06	4.13	0.017	0.066	2.06	27.3	0.26	8.93	2.98	ALS	WH17210399
E006497	0.38	1230	1.65	0.007	0.322	31.4	0.077	0.001	-0.002	5.88	0.004	0.08	0.946	2.19	3.3	0.18	51.1	-0.005	0.06	2.03	0.013	0.065	1.8	21.5	0.082	8.34	2.24	ALS	WH17210399
E006498	0.42	1030	1.55	0.009	0.368	31.7	0.079	-0.001	0.002	6.66	0.002	0.08	1.025	2.55	3	0.18	50	-0.005	0.07	2.23	0.014	0.073	1.995	23.1	0.305	9.91	2.41	ALS	WH17210399

Sample	NAD East	NAD North	NAD RL	Au ME-MS41L ppm	Ag ME-MS41L ppm	Pb ME-MS41L ppm	Zn ME-MS41L ppm	Al ME-MS41L pct	As ME-MS41L ppm	B ME-MS41L ppm	Ba ME-MS41L ppm	Be ME-MS41L ppm	Bi ME-MS41L ppm	Ca ME-MS41L pct	Cd ME-MS41L ppm	Ce ME-MS41L ppm	Co ME-MS41L ppm	Cr ME-MS41L ppm	Cs ME-MS41L ppm	Cu ME-MS41L ppm	Fe ME-MS41L pct	Ga ME-MS41L ppm	Ge ME-MS41L ppm	Hf ME-MS41L ppm	Hg ME-MS41L ppm	In ME-MS41L ppm	K ME-MS41L pct	La ME-MS41L ppm	Li ME-MS41L ppm
E006499	487518	7085407	1199	0.004	0.503	22.5	150	1.12	15.6	-10	107.5	0.39	0.268	0.75	0.77	24.2	12.1	19.65	0.715	31.2	3.08	3.3	0.064	0.058	0.08	0.021	0.04	11.6	24.1
E006500	487503	7085417	1209	0.0036	0.416	22.7	110	0.94	17.15	10	106	0.37	0.274	2.61	1.08	13.55	15.5	14.95	0.584	61.5	2.63	2.5	0.061	0.103	0.098	0.017	0.04	7.26	21.5
E006501	487493	7085640	1214	0.0038	1.02	17	107	1	14.1	-10	178.5	0.21	0.281	0.67	0.449	21	10.8	17.55	0.94	18.5	2.48	3.31	0.045	0.038	0.212	0.021	0.04	10.45	16.2
E006502	487511	7085634	1204	0.0025	0.698	12.4	73.1	0.64	12.15	-10	139.5	0.17	0.191	0.78	0.548	15.15	7.43	12.8	0.623	17.65	2.04	2.52	0.041	0.036	0.148	0.016	0.03	7.64	8.9
E006503	487529	7085625	1190	0.0029	0.954	14.75	77.9	0.8	14.1	-10	140	0.12	0.249	0.42	0.391	21.6	4.07	16.7	0.914	14.65	1.87	3.43	0.043	0.017	0.194	0.013	0.04	11	11.6
E006504	487548	7085617	1178	0.0022	1.14	18.2	91.9	1.01	14.15	-10	167	0.19	0.255	0.33	0.612	22.9	13.6	20.2	1.085	14.5	2.55	4.06	0.045	0.011	0.193	0.019	0.04	11.5	14.4
E006505	487566	7085607	1167	0.0024	0.727	9.21	121	0.55	5.88	-10	195.5	0.12	0.123	1.19	4.75	11.35	9.59	11.55	0.646	22	1.26	1.85	0.037	0.022	0.152	0.012	0.04	5.64	8
E006506	487584	7085600	1166	0.0037	0.348	16.4	136	1.11	15.55	-10	216	0.39	0.202	0.97	1.21	20.8	13	17.85	0.609	32.9	3.03	3.06	0.054	0.052	0.088	0.018	0.04	10.1	24.6
E006507	487603	7085592	1168	0.002	0.277	17.55	116	1.13	15.75	-10	166	0.33	0.181	0.49	0.899	24	11.65	18.7	0.642	28.6	2.82	3.17	0.06	0.043	0.06	0.016	0.03	11.45	26.9
E006508	487626	7085583	1168	0.0045	0.447	38.3	103	1.01	30.8	-10	143.5	0.26	0.13	0.2	0.622	23	9.74	23.2	1.19	32.5	2.21	3.34	0.055	0.005	0.038	0.018	0.04	11	11.2
E006509	487641	7085574	1174	0.0024	0.201	19.05	61.1	1.17	17.4	-10	101.5	0.25	0.128	0.13	0.241	25.4	5.88	21.5	0.929	24.2	2.01	3.63	0.045	0.006	0.032	0.017	0.03	11.9	10.4
E006510	487657	7085566	1182	0.0092	0.318	19.5	68	1.03	17.6	-10	104	0.24	0.134	0.15	0.338	23.8	5.92	19.75	0.862	26.2	1.91	3.59	0.046	0.006	0.033	0.016	0.03	11.25	11.2
E006511	487675	7085558	1189	0.0269	0.337	19.95	56.4	1.02	22.7	-10	105	0.2	0.125	0.14	0.22	21.8	5.13	18.85	0.799	22.6	1.92	3.49	0.044	-0.002	0.038	0.013	0.03	10.4	11.6
E006512	487693	7085549	1194	0.0027	0.224	17.45	54.9	0.9	18.6	-10	88.5	0.17	0.112	0.14	0.237	23.9	5.66	17	0.672	22.9	1.64	2.91	0.048	0.005	0.021	0.012	0.02	11.1	10
E006513	487712	7085540	1199	0.0029	0.232	17.5	61.3	0.87	21.8	-10	94.5	0.2	0.105	0.13	0.279	24.4	6.18	15.55	0.685	24.8	1.79	2.78	0.049	0.007	0.021	0.014	0.03	11.45	9.6
E006514	487730	7085533	1204	0.0047	0.247	19.85	75	0.92	25.2	-10	113.5	0.2	0.106	0.15	0.404	28.3	6.79	17.8	0.724	31.5	1.94	2.93	0.057	0.007	0.025	0.017	0.03	13.65	11.5
E006515	487722	7085755	1152	0.0033	0.383	24.6	87.5	1.1	19.05	-10	116	0.27	0.136	0.17	0.463	25.7	7.5	20.5	1.36	43.5	2.08	3.38	0.056	0.009	0.042	0.021	0.04	12.25	12.3
E006516	487741	7085747	1157	0.003	0.531	25.9	96	0.93	20.4	-10	122	0.27	0.133	0.2	0.427	23.7	7.4	19.9	1.25	41	2.05	2.99	0.048	0.004	0.037	0.021	0.04	11.45	11.6
E006517	487759	7085738	1163	0.0021	0.312	20	66.3	1.13	17.3	-10	94.8	0.26	0.124	0.1	0.432	23.4	5.76	19.8	1.03	31.4	1.97	3.61	0.049	0.005	0.036	0.017	0.03	10.95	12.9
E006518	487779	7085730	1168	0.0026	0.223	19.95	50.1	0.81	16.85	-10	66.8	0.21	0.093	0.15	0.209	18.5	4.78	13.85	0.675	20.2	1.47	2.64	0.041	0.005	0.025	0.013	0.02	8.73	9.5
E006519	487796	7085720	1172	0.0031	0.331	29.5	83.7	0.93	18.65	-10	100.5	0.2	0.12	0.19	0.453	27	7.04	18.9	0.882	28.2	1.89	3.08	0.05	0.005	0.02	0.021	0.04	12.95	12.6
E006520	487813	7085713	1177	0.0026	0.411	25.2	74.5	0.96	17.15	-10	120.5	0.21	0.12	0.17	0.329	22	6.38	18.65	0.935	24.9	1.88	3.09	0.042	0.003	0.039	0.02	0.04	10.5	11.5
E006521	487614	7085805	1146	0.006	0.546	19.6	126	0.92	27.2	-10	238	0.36	0.187	0.94	1.035	18.9	9.59	16.65	0.623	33.9	2.33	2.71	0.057	0.062	0.067	0.018	0.05	8.87	16
E006522	487597	7085813	1149	0.0061	0.608	20.4	125	1.06	32.2	-10	255	0.42	0.224	0.64	1.035	21.3	10.55	17.6	0.951	34.6	2.42	3.02	0.058	0.056	0.066	0.021	0.04	10	17.3
E006523	487560	7085831	1165	0.002	0.174	9.51	45.7	0.59	10.3	-10	51.3	0.11	0.156	0.11	0.235	15.05	4.26	14.35	0.832	13.4	1.45	3.03	0.035	0.002	0.049	0.012	0.05	7.12	6.1
E006524	487542	7085838	1180	0.0037	0.413	14.05	61.3	0.69	10.7	-10	133	0.23	0.172	0.3	0.291	17.55	6.31	14.6	0.961	20.1	1.79	2.69	0.046	0.021	0.053	0.015	0.04	8.22	8.1
E006525	487522	7085848	1191	0.006	0.447	13.15	72.1	1.07	10.65	-10	288	0.35	0.209	1	0.371	16.25	8.98	21.7	1.175	30.7	2	3.4	0.051	0.064	0.076	0.025	0.04	7.53	13.3
E006526	487507	7085855	1196	0.0034	0.493	12.9	77.3	1.17	9.19	-10	306	0.37	0.207	0.92	0.439	19.9	9.22	21.9	1.22	33.6	2.04	3.5	0.046	0.051	0.079	0.019	0.04	9.53	15
E006527	487488	7085865	1198	0.0035	0.503	13.15	108	1.18	11.35	-10	335	0.39	0.195	1.08	0.793	18.85	8.67	19.65	1.08	25	2.02	3.41	0.056	0.046	0.064	0.019	0.04	9.15	17.7
E006528	487468	7085873	1202	0.0035	0.493	14.25	126.5	1.22	13.95	-10	322	0.4	0.206	0.76	0.671	22.5	9.8	20.7	1.12	25.5	2.14	3.76	0.054	0.049	0.076	0.023	0.04	11.15	20.1
E006529	487450	7085882	1208	0.0051	0.732	15.75	78.5	1.21	16.6	-10	272	0.44	0.286	0.44	0.216	19.4	11.85	24	1.68	29.9	2.45	4.09	0.05	0.052	0.105	0.022	0.04	9.53	14.6
E006534	486828	7085731	1396	0.0042	0.217	17.65	88.3	1.27	28.6	-10	202	0.38	0.241	0.34	0.259	22.4	8.73	22.5	1.31	29.5	2.83	4.07	0.044	0.034	0.032	0.019	0.04	11	15.8

Sample	Mg ME-MS41L pct	Mn ME-MS41L ppm	Mo ME-MS41L ppm	Na ME-MS41L pct	Nb ME-MS41L ppm	Ni ME-MS41L ppm	P ME-MS41L pct	Pd ME-MS41L ppm	Pt ME-MS41L ppm	Rb ME-MS41L ppm	Re ME-MS41L ppm	S ME-MS41L pct	Sb ME-MS41L ppm	Sc ME-MS41L ppm	Se ME-MS41L ppm	Sn ME-MS41L ppm	Sr ME-MS41L ppm	Ta ME-MS41L ppm	Te ME-MS41L ppm	Th ME-MS41L ppm	Ti ME-MS41L pct	Tl ME-MS41L ppm	U ME-MS41L ppm	V ME-MS41L ppm	W ME-MS41L ppm	Y ME-MS41L ppm	Zr ME-MS41L ppm	Lab	Certificate
E006499	0.39	657	1.8	0.008	0.377	32.3	0.082	0.001	-0.002	6.49	0.001	0.06	1.215	2.62	1.7	0.22	44.1	-0.005	0.05	2.32	0.015	0.058	1.99	24.9	0.371	9.46	2.06	ALS	WH17210399
E006500	0.37	1245	1.18	0.008	0.264	45.1	0.088	0.005	-0.002	4.11	0.001	0.11	1.07	2.02	2.1	0.14	125.5	-0.005	0.06	2.59	0.008	0.037	2.86	13.6	0.042	15.3	4.67	ALS	WH17210399
E006501	0.29	784	3.78	0.008	0.438	19.15	0.086	0.001	-0.002	5.74	0.001	0.06	1.615	2.08	1.7	0.25	43.5	-0.005	0.07	2.49	0.012	0.084	1.265	34.3	0.159	4.97	1.37	ALS	WH17210399
E006502	0.2	400	3.78	0.007	0.399	13.45	0.095	0.001	-0.002	4.48	0.001	0.1	1.58	1.675	1.4	0.2	45.4	-0.005	0.07	1.595	0.013	0.056	0.999	26.3	0.223	3.7	1.37	ALS	WH17210399
E006503	0.24	184.5	2.76	0.007	0.476	15.45	0.072	0.001	-0.002	6.14	0.001	0.06	1.15	1.635	1.9	0.27	29.6	-0.005	0.08	2.1	0.014	0.089	0.699	32.8	0.184	2.77	0.67	ALS	WH17210399
E006504	0.26	1245	5.18	0.009	0.556	17.1	0.076	0.001	-0.002	7.04	-0.001	0.05	1.285	2.17	1.9	0.31	26.1	-0.005	0.06	2.19	0.017	0.105	0.965	40.7	0.184	3.33	0.46	ALS	WH17210399
E006505	0.21	1095	3.32	0.013	0.306	17.9	0.078	-0.001	-0.002	4.06	0.001	0.13	1.69	1.355	1.7	0.18	62.2	-0.005	0.04	1.01	0.01	0.056	1.215	17.8	0.11	4.51	1	ALS	WH17210399
E006506	0.34	1395	2.26	0.012	0.356	34.3	0.093	0.001	-0.002	5.38	0.003	0.09	1.155	2.23	2.1	0.19	51.1	-0.005	0.06	2.15	0.012	0.049	2.48	24.1	0.092	7.33	1.87	ALS	WH17210399
E006507	0.34	472	1.73	0.008	0.371	32.9	0.082	-0.001	-0.002	5.12	0.003	0.06	1.01	2.24	1.9	0.19	28.8	-0.005	0.04	2.39	0.014	0.057	1.91	24.1	0.106	7.37	1.49	ALS	WH17210399
E006508	0.31	644	1.64	0.006	0.334	22.7	0.073	-0.001	-0.002	5.14	-0.001	0.02	1.4	1.73	0.4	0.26	13.45	-0.005	0.02	0.479	0.029	0.073	0.632	30.3	0.163	5.02	0.11	ALS	WH17210399
E006509	0.31	220	1.1	0.006	0.434	17.05	0.057	0.001	-0.002	5.88	-0.001	0.02	0.893	1.455	0.3	0.3	10.35	-0.005	0.03	0.417	0.033	0.078	0.595	34.2	0.173	4.03	0.18	ALS	WH17210399
E006510	0.32	226	1.05	0.005	0.439	18.4	0.058	-0.001	-0.002	5.38	-0.001	0.01	1.005	1.69	0.3	0.25	10.75	-0.005	0.03	0.499	0.032	0.07	0.527	32.1	0.158	3.96	0.19	ALS	WH17210399
E006511	0.33	200	1.14	0.003	0.336	17.1	0.057	-0.001	-0.002	4.33	-0.001	0.01	0.933	1.235	0.2	0.22	10.1	-0.005	0.03	0.297	0.025	0.065	0.469	29.9	0.14	3.56	0.11	ALS	WH17210399
E006512	0.3	207	0.99	0.005	0.375	16.15	0.055	0.001	-0.002	3.91	-0.001	0.03	0.93	1.39	0.2	0.19	9.29	-0.005	0.02	0.608	0.03	0.051	0.444	26.3	0.134	3.96	0.15	ALS	WH17210399
E006513	0.3	247	1.03	0.013	0.515	16.95	0.057	0.001	-0.002	3.49	-0.001	0.03	1.06	2.04	0.3	0.18	8.82	-0.005	0.02	1.52	0.034	0.052	0.424	24.4	0.116	4.28	0.22	ALS	WH17210399
E006514	0.34	301	1.14	0.007	0.488	21.2	0.065	0.001	-0.002	3.56	-0.001	0.01	1.25	2.47	0.3	0.21	9.8	-0.005	0.02	2.55	0.037	0.052	0.47	26.5	0.132	5.22	0.34	ALS	WH17210399
E006515	0.34	387	1.15	0.007	0.569	21.4	0.07	-0.001	-0.002	5.52	-0.001	0.01	1.16	2.18	0.3	0.25	10.7	-0.005	0.03	1.3	0.034	0.077	0.486	31.7	0.142	4.82	0.27	ALS	WH17210399
E006516	0.34	418	1.22	0.008	0.523	20.4	0.072	0.002	-0.002	5	-0.001	0.01	1.35	2.52	0.3	0.23	11.5	-0.005	0.03	1.76	0.033	0.068	0.404	28.8	0.121	5.42	0.28	ALS	WH17210399
E006517	0.3	245	0.9	0.007	0.691	17.55	0.05	0.002	-0.002	5.17	-0.001	0.01	0.864	2.08	0.3	0.27	8.21	-0.005	0.02	1.295	0.033	0.073	0.481	31.6	0.163	3.28	0.26	ALS	WH17210399
E006518	0.24	205	0.69	0.006	0.357	13.55	0.049	-0.001	-0.002	3.56	-0.001	0.01	0.769	1.605	0.3	0.17	8.15	-0.005	0.02	0.658	0.026	0.054	0.373	21.5	0.099	2.97	0.14	ALS	WH17210399
E006519	0.33	352	1.04	0.007	0.514	18.75	0.067	0.002	-0.002	4.24	-0.001	-0.01	1.155	2.35	0.2	0.24	11.8	-0.005	0.02	1.855	0.036	0.067	0.491	28.3	0.124	4.57	0.17	ALS	WH17210399
E006520	0.32	320	0.98	0.008	0.411	17.3	0.064	-0.001	-0.002	5.17	-0.001	0.01	1.08	1.63	0.3	0.24	11.55	-0.005	0.02	0.493	0.028	0.074	0.393	28	0.147	3.87	0.1	ALS	WH17210399
E006521	0.28	737	1.2	0.01	0.39	29.7	0.081	-0.001	-0.002	5.32	0.003	0.08	1.64	2.36	3.6	0.19	51.8	-0.005	0.04	1.725	0.012	0.053	1.72	22.4	0.101	7.3	2.12	ALS	WH17210399
E006522	0.29	679	1.25	0.009	0.42	30.9	0.071	0.001	-0.002	5.92	0.004	0.08	1.785	2.75	4.5	0.22	38.7	-0.005	0.05	2.22	0.013	0.069	2.24	26.2	0.091	7.9	2.09	ALS	WH17210399
E006523	0.12	123.5	1.52	0.008	0.332	15.8	0.04	-0.001	-0.002	4.75	-0.001	0.02	1.17	1.11	0.3	0.26	11.05	-0.005	0.04	0.788	0.012	0.053	0.344	25.7	0.126	1.385	0.11	ALS	WH17210399
E006524	0.18	178	1.18	0.009	0.522	21.9	0.048	0.002	-0.002	4.28	-0.001	0.03	1.255	2.06	0.6	0.26	24	-0.005	0.04	3.22	0.02	0.048	0.698	24.5	0.153	3.23	1.16	ALS	WH17210399
E006525	0.3	507	1.22	0.01	0.567	26.9	0.088	0.003	-0.002	5.83	0.001	0.09	1.3	2.71	2.2	0.27	65	-0.005	0.06	1.545	0.016	0.076	1.35	29.5	0.167	5.97	2.37	ALS	WH17210399
E006526	0.33	480	0.84	0.01	0.61	26.5	0.076	0.001	-0.002	6.84	0.002	0.07	1.14	2.74	2.5	0.27	57.8	-0.005	0.06	1.515	0.018	0.072	1.72	30.2	0.126	7.42	1.91	ALS	WH17210399
E006527	0.35	509	0.76	0.013	0.544	25.8	0.082	-0.001	-0.002	7.87	0.003	0.09	1.005	2.7	3	0.28	62.3	-0.005	0.05	1.29	0.017	0.082	2.07	27.1	0.17	7.79	1.69	ALS	WH17210399
E006528	0.34	604	1.05	0.009	0.567	26.9	0.078	-0.001	-0.002	9.11	0.003	0.07	1.08	2.88	3.2	0.3	47.5	-0.005	0.05	1.715	0.017	0.086	1.685	31.5	0.215	9.21	1.76	ALS	WH17210399
E006529	0.3	697	1.7	0.009	0.565	24.2	0.086	0.001	-0.002	7.44	0.001	0.04	1.465	3.2	1.7	0.33	34.1	-0.005	0.09	2.14	0.017	0.094	1.33	35.1	0.156	6.98	1.78	ALS	WH17210399
E006534	0.36	518	1.5	0.004	0.63	27.7	0.053	-0.001	-0.002	7.42	-0.001	0.03	1.04	2.31	0.6	0.35	22.1	-0.005	0.06	1.92	0.024	0.087	0.87	35.4	0.23	4.74	1.21	ALS	WH17210399

Sample	NAD East	NAD North	NAD RL	Au ME-MS41L ppm	Ag ME-MS41L ppm	Pb ME-MS41L ppm	Zn ME-MS41L ppm	Al ME-MS41L pct	As ME-MS41L ppm	B ME-MS41L ppm	Ba ME-MS41L ppm	Be ME-MS41L ppm	Bi ME-MS41L ppm	Ca ME-MS41L pct	Cd ME-MS41L ppm	Ce ME-MS41L ppm	Co ME-MS41L ppm	Cr ME-MS41L ppm	Cs ME-MS41L ppm	Cu ME-MS41L ppm	Fe ME-MS41L pct	Ga ME-MS41L ppm	Ge ME-MS41L ppm	Hf ME-MS41L ppm	Hg ME-MS41L ppm	In ME-MS41L ppm	K ME-MS41L pct	La ME-MS41L ppm	Li ME-MS41L ppm
E006535	486847	7085721	1395	0.023	0.219	17.4	82.5	0.95	26.9	-10	232	0.25	0.255	0.36	0.191	22.3	8.28	18.65	1.375	29.4	2.49	3.76	0.036	0.019	0.029	0.016	0.03	11.3	12.2
E006536	486865	7085712	1392	0.0048	0.222	18.1	88.7	1.2	28	-10	167	0.34	0.268	0.25	0.204	23.7	11.7	20.4	1.315	35.2	2.9	3.85	0.044	0.014	0.048	0.02	0.03	11.75	16.8
E006537	486885	7085706	1388	0.0062	0.255	19.6	96.2	1.34	21.6	-10	263	0.34	0.265	0.17	0.331	27.3	11.1	22.7	1.3	38.6	3.04	4.37	0.057	0.013	0.052	0.019	0.04	13.75	15.7
E006538	486903	7085698	1385	0.0102	0.282	16.5	94.9	1.84	15.45	-10	328	0.5	0.259	0.12	0.233	27.5	11.4	24.7	1.34	30.9	3.39	5.15	0.06	0.013	0.071	0.023	0.04	13.35	17
E006539	486921	7085688	1382	0.0013	0.167	14.55	74.4	1.31	10.3	-10	154.5	0.34	0.215	0.11	0.268	24.4	7.72	20.9	1.065	22.1	2.64	4.65	0.046	0.002	0.052	0.02	0.04	12.05	13.8
E006540	486938	7085680	1379	0.0152	0.301	17.35	98.7	1.4	13.75	-10	160	0.44	0.253	0.13	0.436	32.9	12.05	23.2	1.18	40	2.85	4.15	0.052	0.044	0.076	0.022	0.04	16.05	19.2
E006541	486956	7085673	1375	0.0044	0.242	17.6	98.7	1.2	12.75	-10	188.5	0.35	0.25	0.14	0.438	30.3	12.9	20	1.055	39.4	2.96	3.59	0.049	0.026	0.041	0.02	0.03	14.8	18.9
E006542	486974	7085663	1372	0.0024	0.153	15.4	82.5	1.42	11.15	-10	211	0.41	0.238	0.11	0.331	33.8	10.65	22.3	1.08	27.2	2.72	4.2	0.052	0.024	0.052	0.023	0.04	17.25	16.6
E006543	486991	7085655	1370	0.0023	0.177	13.9	71.5	1.44	9.07	-10	172.5	0.37	0.207	0.13	0.273	30	7.6	22.2	0.929	22.7	2.34	4.2	0.044	0.031	0.067	0.023	0.04	15.9	15.8
E006544	487011	7085647	1368	0.0179	0.199	15.25	89.4	1.28	10.25	-10	139	0.39	0.212	0.16	0.39	27.9	8.74	22.2	0.864	27.6	2.6	3.91	0.049	0.034	0.036	0.019	0.04	13.8	18.4
E006593	487446	7085443	1233	0.0082	0.61	24.7	151	1.43	15.45	-10	159.5	0.29	0.367	0.86	0.974	26.8	12.15	29.8	1.225	60.1	3.81	4.58	0.079	0.074	0.14	0.031	0.04	13.05	44.2
E006594	487462	7085434	1227	0.0007	0.089	17.2	87.2	1.31	21.1	-10	94.2	0.18	0.236	0.3	0.364	25.9	15.85	25.9	0.622	33.5	3.42	4.5	0.068	0.063	0.041	0.02	0.03	11.9	44.2
E006596	487481	7085428	1213	0.018	0.314	51.7	130	1.3	154	-10	74.7	0.38	0.621	0.23	0.329	52.7	30.9	17.1	0.762	78.1	5.1	3.4	0.097	0.103	0.056	0.023	0.04	26.6	30.5
E006601	486913	7085911	1372	0.0011	0.118	14	71.1	1.17	11.25	-10	151	0.24	0.236	0.19	0.141	34.9	8.66	19.85	0.904	27.9	2.73	3.65	0.05	0.006	0.044	0.019	0.05	17.15	11.9
E006602	486932	7085903	1367	0.0021	0.169	14.45	81.4	1.49	10.75	-10	171.5	0.49	0.259	0.16	0.149	32.1	8.94	23.3	0.95	28.2	2.9	4.45	0.072	0.049	0.071	0.024	0.04	16.4	21.6

Sample	Mg ME-MS41L pct	Mn ME-MS41L ppm	Mo ME-MS41L ppm	Na ME-MS41L pct	Nb ME-MS41L ppm	Ni ME-MS41L ppm	P ME-MS41L pct	Pd ME-MS41L ppm	Pt ME-MS41L ppm	Rb ME-MS41L ppm	Re ME-MS41L ppm	S ME-MS41L pct	Sb ME-MS41L ppm	Sc ME-MS41L ppm	Se ME-MS41L ppm	Sn ME-MS41L ppm	Sr ME-MS41L ppm	Ta ME-MS41L ppm	Te ME-MS41L ppm	Th ME-MS41L ppm	Ti ME-MS41L pct	Tl ME-MS41L ppm	U ME-MS41L ppm	V ME-MS41L ppm	W ME-MS41L ppm	Y ME-MS41L ppm	Zr ME-MS41L ppm	Lab	Certificate
E006535	0.25	450	2.1	0.004	0.585	24	0.064	-0.001	-0.002	6.67	-0.001	0.04	1.285	1.44	0.5	0.31	28.1	-0.005	0.09	1.18	0.023	0.074	0.59	32.6	0.16	4.13	0.8	ALS	WH17210399
E006536	0.31	583	1.94	0.004	0.605	27.7	0.075	0.001	-0.002	4.91	-0.001	0.04	1.295	1.55	0.8	0.28	19.95	-0.005	0.09	1.515	0.024	0.078	0.791	34.1	0.181	4.21	0.64	ALS	WH17210399
E006537	0.35	652	2.17	0.007	0.63	28.4	0.074	0.002	-0.002	7.48	-0.001	0.03	1.02	2.02	0.7	0.33	17.55	-0.005	0.09	1.335	0.027	0.081	0.963	39.9	0.185	5.17	0.51	ALS	WH17210399
E006538	0.4	1025	1.45	0.007	0.606	24.9	0.088	-0.001	-0.002	8.43	-0.001	0.03	0.643	2.27	0.5	0.38	12.55	-0.005	0.06	0.976	0.026	0.105	1.185	42.2	0.201	7.71	0.5	ALS	WH17210399
E006539	0.34	577	1.47	0.007	0.429	20.1	0.071	-0.001	-0.002	7.81	-0.001	0.02	0.622	1.48	0.4	0.36	10.7	-0.005	0.04	0.307	0.025	0.09	0.75	37.1	0.213	5.62	0.14	ALS	WH17210399
E006540	0.37	699	1.57	0.006	0.764	30.2	0.075	-0.001	-0.002	7	-0.001	0.02	0.93	2.99	0.6	0.33	14.95	-0.005	0.05	2.62	0.031	0.081	1.325	36.8	0.228	7.37	1.5	ALS	WH17210399
E006541	0.34	888	1.58	0.006	0.499	29.6	0.084	0.001	-0.002	5.78	-0.001	0.04	1.05	2.11	0.7	0.25	17.5	-0.005	0.08	1.905	0.022	0.067	1.155	30.3	0.181	6.68	0.95	ALS	WH17210399
E006542	0.37	557	1.28	0.006	0.643	23.8	0.07	-0.001	-0.002	7.77	-0.001	0.04	0.711	2.53	0.5	0.31	13.05	-0.005	0.04	1.775	0.027	0.093	1.095	36.8	0.186	7.18	0.66	ALS	WH17210399
E006543	0.34	367	1.41	0.007	0.719	20.3	0.066	-0.001	-0.002	6.94	-0.001	0.02	0.633	2.69	0.6	0.33	12.65	-0.005	0.03	1.91	0.029	0.093	1.055	35.4	0.34	6.73	1.02	ALS	WH17210399
E006544	0.35	458	1.59	0.006	0.687	24.4	0.068	0.002	-0.002	6.35	-0.001	0.01	0.842	2.42	0.6	0.31	16.6	-0.005	0.05	2.27	0.027	0.07	0.807	34	0.18	5.24	1.25	ALS	WH17210399
E006593	0.43	543	2.28	0.007	0.268	48.5	0.086	-0.001	-0.002	4.82	-0.001	0.05	1.805	2.42	2.4	0.17	66.3	-0.005	0.11	3.36	0.009	0.04	2.43	32.5	0.114	7.41	3.89	ALS	WH17210399
E006594	0.57	785	1.57	0.006	0.257	45.5	0.065	-0.001	-0.002	4.6	-0.001	0.03	0.857	2.3	0.7	0.14	27.5	-0.005	0.06	4.48	0.008	0.048	0.681	21.3	0.101	5.63	2.67	ALS	WH17210399
E006596	0.32	1800	1.79	0.01	0.151	65.5	0.07	0.001	-0.002	4.15	-0.001	0.06	1.6	3.01	1.2	0.15	37.9	-0.005	0.15	10.65	0.006	0.039	3.69	13.5	0.049	17.15	4.57	ALS	WH17210399
E006601	0.3	457	1.66	0.008	0.443	22.5	0.067	-0.001	-0.002	8.55	-0.001	0.01	0.629	1.875	0.3	0.35	14.4	-0.005	0.07	1.53	0.023	0.081	0.675	34.4	0.199	6.3	0.26	ALS	WH17210399
E006602	0.36	338	1.46	0.004	0.667	26.7	0.073	0.003	-0.002	7.34	-0.001	0.01	0.583	3.01	0.6	0.32	12.7	-0.005	0.04	3.35	0.024	0.09	1.055	36.3	0.222	7.02	1.58	ALS	WH17210399

APPENDIX 3 DRILL LOG DATA FOR GROUPING AREA
(Attached and provided digitally)

Core Logging Codes

Lithology

Lith Code	Description
NR	No Recovery
OVB	Overburden
FLT	Fault
BX	Hydrothermal Breccia
SM	Stringer-mineralization
VL	Mineralized Veinlet
VM	Mineralized Vein
VN	Unmineralized Vein
QTZT	Quartzite
TQTZT	Thin Bedded Quartzite (Msq)
CQTZT	Calcareous Quartzite
GSCH	Graphitic Schist
SSCH	Sericite Schist
CHSCH	Chloritic Schist
CSCH	Calcareous Schist
SCH	Undifferentiated schist
GNST	Greenstone

Lithology Modifiers

a	argillaceous
c	calcareous
chl	chloritic
cty	cherty
g	graphitic
m	massive (quartzite or schist)
mb	Medium bedded 30-120 cm bands of QTZT, GSCH
s	sericitic
tkb	Thick bedded >120 cm bands of QTZT,GSCH
tnb	Thin bedded <30 cm bands of QTZT, GSCH

Bedding Thickness

Medium	0.1 - 0.3m
Thick	0.3 - 1m
Thin	< 10mm - 0.1m
Very Thick	> 1m

Grain Size

Coarse	> 2mm
Fine	< 0.06mm
Medium	0.06 - 2mm

Vein Stage

1 - V/B Qtz	Qtz cemented breccia,vein(let) +/- Py-Asp
10 - V/B Qtz	Qtz vein or encrusted Bx clasts (to 80%), minor banded carbonate
11 - V/B Cal	Massive Cal vein, cemented Bx, vug infill.
2 - V/B (m) Sd	Sd vein(let) (>80%), cemented Bx, Qtz (5-20%), minor Asp, Py, Sp, rare Gn, Cp
3 - V/B (m) Sp	Dark Sp vein(let), cemented Bx, vug infill, minor Cp, Po, Py, Gn, Qtz
4a - V Py- (m) Sp	Py vein(let), massive Sp (to 70%), Sd and Py (to 30%), minor Asp, Sp, Gn, carbonate
4b - V Qtz	Minor stage Qtz veinlet, minor Py, Asp, Gn
5 - V (m) Sd-Gn	Minor Sd vein(let) with minor Gn, rare Sp
6 - V (m) Sd	Qtz (to 20%), coarse Sd, minor Py, Cp, Sp, Gn
7 - V (m) Sp	Light Sp massive veins, minor Qtz, Py, Cp, Gn, Ag
8 - V/B (m,f) Gn	Massive Gn (to 80%) vein, Bx matrix, in shears, vug infill. Qtz (5-20%), Py (to 10%), minor carbonate, Asp, Cp, Ag
9 - V/B Sp-(b) Sd-Sp-Gn	Irregular rhymthic banded/brecciated Sp-Sd (to 20%), minor Py, Po, Gn.

Vein Texture

ba	Banded (Rhythmic)
bxm	Breccia matrix
cg	Coarse grained (euhedral)
fg	Fine grained (anhedral)
m	Massive
pr	Prismatic
vu	Vuggy

Structure

AP	axial plane
BD	bedding
BR	breccia
BU	boudin
CT	contact (identify type)
DMB	Disseminated Mineral Banding (replacement style)
FA	fold axis
FCL	fracture cleavage
FLD	fold
FLT	fault
FN	foliation
FR	fracture (open space)
FRZ	fracture zone
FZN	fault zone
JN	joint (parting)
LN	lineation
ME	mineral elongation
MRZ	mechanical rubble zone
PA	phenocrysts alignment
PC	plication
RZ	rubble zone
SH	shear
SHZ	shear zone
STR	stringer/stringer zone (<1cm)
U	unconformity
VB	vein banding
VM	vein - mineralized
VN	vein (>10cm)
VNLT	veinlet (1-10cm)
VNZ	vein zone
VRG	vergence

APPENDIX 4 STATEMENT OF QUALIFICATIONS

Alan McOnie

I, Alan McOnie of 694B SH2, RD3, Katikati, New Zealand 3170
DO HEREBY CERTIFY:

THAT, I am a VP Exploration and Qualified Person with Alexco Resource Corp., 1225-555 Burrard Street, Vancouver, BC, V7X 1M9.

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 participated in and co-managed during the year 2018.

DATED at Katikati, New Zealand this 2nd day of May, 2019.

Al McOnie