



BC Geological Survey
Assessment Report
37773



Ministry of Energy and Mines
BC Geological Survey

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] TOTAL COST
ROCK GEO-CHEM ON THE FOX GROUP OF CLAIMS \$14672.47

AUTHOR(S) TOM KENNEDY SIGNATURE(S) Tom Kennedy

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) EVENT NUMBERS 5704059, 571042

PROPERTY NAME Fox

CLAIM NAME(S) (on which work was done) 750982, 751002, 843278

COMMODITIES SOUGHT SILVER, GOLD

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION OMENICA NTS 093F093

LATITUDE 53 ° 91 ' 87 " LONGITUDE 125 ° 47 ' 04 " (at centre of work)

OWNER(S)

1) KOOTENAY SILVER INC 2) _____

MAILING ADDRESS

SUITE 1820-1055 W. HASTINGS ST.

VANCOUVER, B.C. CANADA V6E 2E9

OPERATOR(S) [who paid for the work]

1) _____ 2) _____

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

DOTSA LAKE VOLCANIC (EOLYNE) QUARTZ STOCKWORKS, BRECCIA LIMONITE ALTERATION
GOLD, SILVER

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 32331, 32952

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock <u>53 SAMPLES - MULTI-ELEMENT ICP WITH Au (PPB)</u>	<u>750992, 751002, 843279</u>		<u>\$ 14672.47</u>
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST			<u>\$ 14672.47</u>

**Report on Rock
Geo-Chemistry
For**

The FOX Property

June 2018

By

Tom Kennedy

Omenica Mining Division

NTS

930F093

UTM Co-Ordinates:

337788E, 5977447N

December 2018

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1:00 SUMMARY

During June of 2018 fifty three rock samples were collected on the FOX property in and around an area of previously discovered high grade silver and gold mineralization. Samples collected continue to expand upon and define the known areas of mineralization.

2.00 INTRODUCTION

This report describes the results of fifty three rock samples collected on the Fox group of mineral claims in June of 2018.

2.10 Location and Access

The FOX GROUP of claims is located in the Omineca Mining division of central BC (NTS 093F093) and is centered roughly at UTM Co-Ordinates 338000E and 5976000N (Fig.1), approximately 45 km Southeast of Burns Lake. Access to the property is provided by a series of haul roads branching off of the Binta main or 200 Haul roads which can be accessed via small community Southbank in the west or from the east via the Francois Lake and Holy Cross haul roads.

2.20 Property

The FOX Claim group consists of 6 mineral tenures 750982, 751002, 843278 (Figure 2) owned by Kootenay Silver Inc of Vancouver BC, and cover an area of approximately 1371 Ha.

2.30 Physiography


The FOX Claim group covers an area of rolling to gentle topography at elevations between 840m and 1060m. Roughly half of the property is covered by recent and older patches of clear-cut logging. The remainder of the property is covered by stands of pine beetle killed lodgepole pine and spruce balsam growths in swampy boggy lowlands. Windfall in these stands is common and in areas of older logging thick regeneration and alder growth makes traversing very difficult.

Outcrop on the property is extremely poor with maybe five percent of the property containing rock outcrops. Outcrops are best found along logging roads and skid trails or along topographic highs. The majority of the property is covered by variable thicknesses of till and outwash gravels.



2.40 History of Previous Exploration

The FOX Group of claims covers an area that has received little focussed exploration in the past. Several work programs were conducted in the area for molybdenum by various junior companies with limited soil sampling and geology. Four programs of prospecting, rock and soil geochemistry along with hand trenching were conducted on the claim group by Kootenay Silver Inc. (reports 32331, and 32952). Significant silver and gold mineralization hosted by variably silicified and altered felsic volcanics has been the focus of these previous programs.


Figure 1: Fox claims Location Map

 **Fox claims Location**

Topographic Layers

-  **Lakes 1:6M**
-  **Rivers 1:6M**

BC Border Layers

-  **BC Border 1:6M**



SCALE 1 : 10,840,358

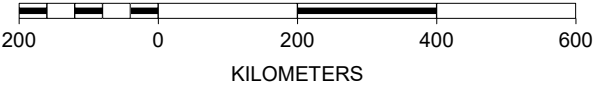


Figure 2: Fox claims Claim Map

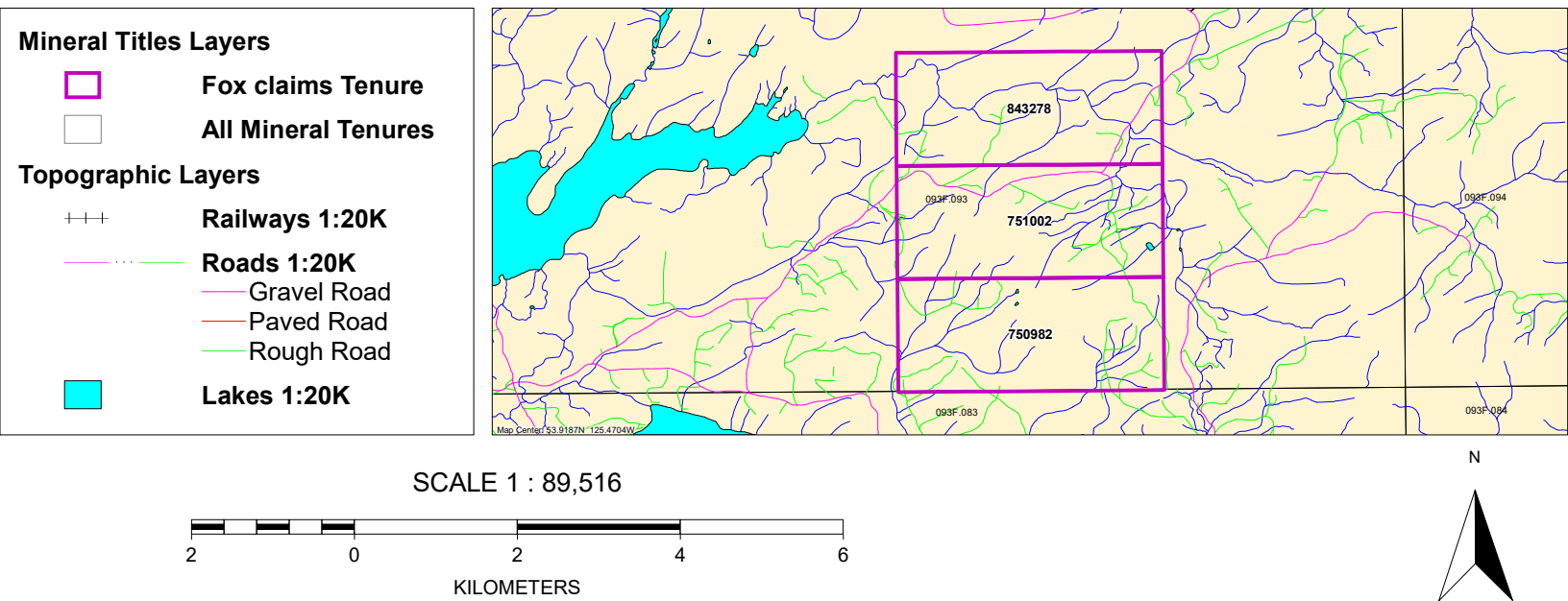
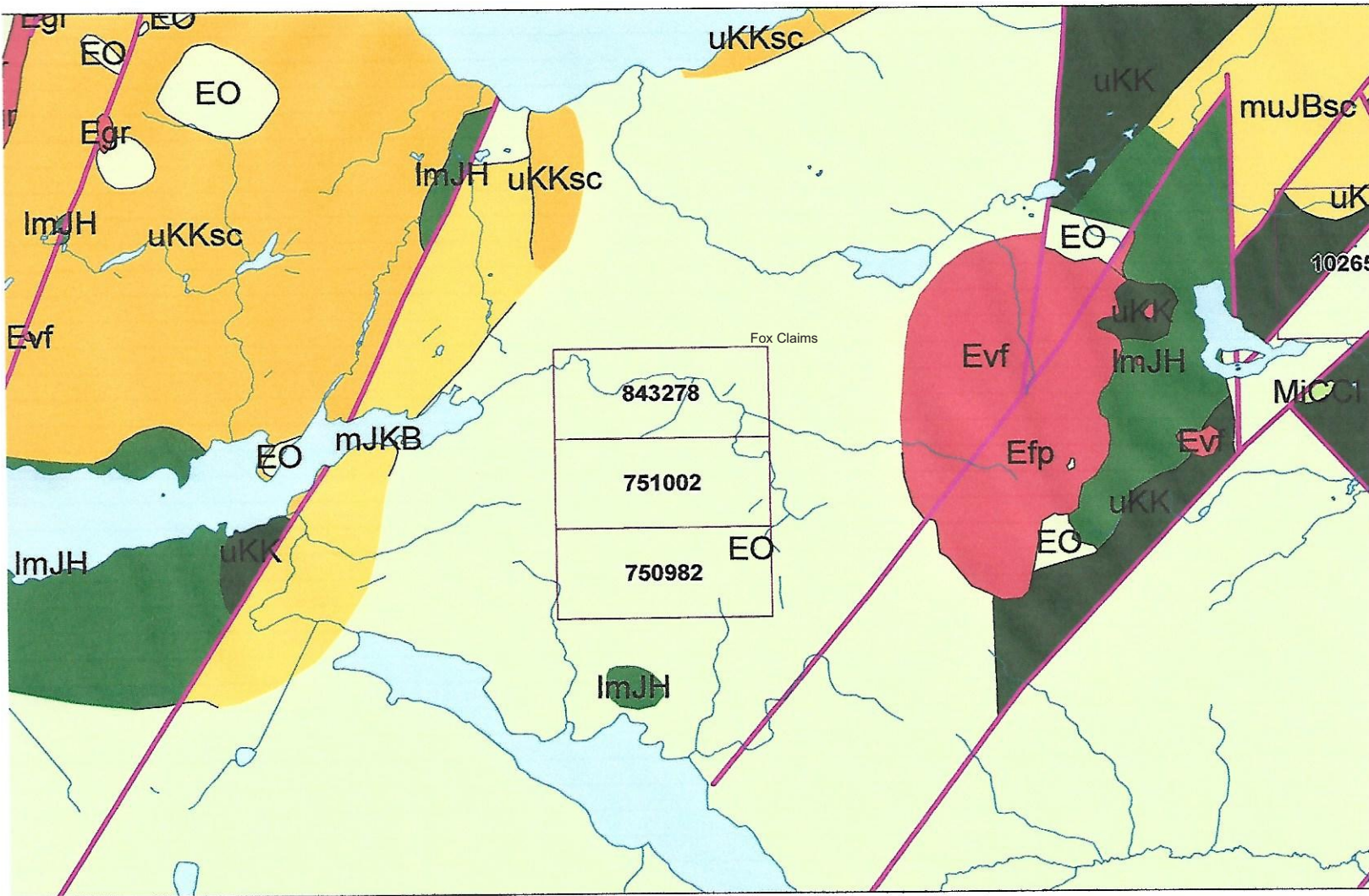
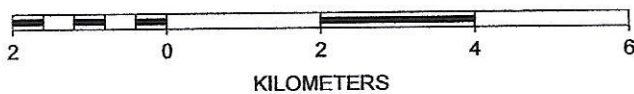


Figure 3: Regional Geology Fox claims



SCALE 1 : 100,000



LEGEND

- MiCCl: Miocene aged Chilcotin Group Basalt
- Egf,Evf,Efp: Eocene Intrusive Rocks
- EO: Eocene aged Ootsa Lake Volcanics
- uKKsc, UKK: Cretaceous aged Volcanic and Sedimentary Kasalka Group
- ImJH: Mid Jurassic aged Hazelton Group Volcanics
- MJkb,MuJBsc: Mid Jurassic to Cretaceous aged Bowser Group



2.50 Purpose of work

The purpose of the 2018 rock geochemistry program on the FOX Group of claims was to further define an area of high grade silver and gold mineralization hosted by brecciated and quartz veined felsic volcanic rocks.

3.00 GEOLOGY

The FOX Group of claims covers an area underlain by felsic Eocene age Ootsa Lake formation bounded to the east and west by Cretaceous sedimentary and mafic volcanic rocks assigned to the Kasalka group (Figure 3 taken from MapPlace geology). Local outcrops of chert pebble conglomerate and andesite volcanics possibly of the Jurassic Hazelton Group as well as sedimentary dominant rocks of the Jurassic Bowser Group may occur locally on the property perhaps underlying the Ootsa lake formation. Granitic intrusive rocks of Eocene age occur close to the eastern boundary of the claim group as well as further to the west of the claims and may have been a source for mineralization and alteration on the claim group.

4.00 ROCK GEO-CHEMISTRY RESULTS

4.10 ROCK GEOCHEM PROCEDURE

During June of 2018 work program fifty three rock samples were collected. The samples were taken primarily from outcroppings and consisted mainly of grab or composite samples collected with hammers and picks. Locations were marked in the field with flagging and GPS readings were taken of each site with handheld GPS units. These samples were sent to Bureau Veritas Labs of Vancouver where they were analyzed using the AQ201 multi-element ICP-MS package with gold given in ppb. Over-limits for base metals and silver were subjected to additional assaying to percent values and grams per tonne respectively.

Sample locations with values for Molybdenum, Lead, Silver and Gold can be found on Figure 4. Sample descriptions with UTM co-ordinates can be found in Appendix A and complete assay certificates in Appendix B.

4.20 DISCUSSION OF RESULTS

Molybdenum

Molybdenum levels in the samples collected are moderately elevated. Of the fifty three samples collected nine samples ran above 10ppm with six samples assaying over 50ppm. Two samples ran above 100ppm and represent the program highs of 267.8ppm(CK18-61) and 550.8ppm(CK18-60). Elevated molybdenum is common with elevations of lead, silver and gold.

Lead

Lead is the most commonly elevated base metal in the samples collected. Nineteen samples gave values above 25ppm with thirteen of these greater than 50ppm. Twelve samples ran higher than 100ppm and the program high consisted of 234.5ppm at CK18-81. Elevated samples for lead in general have anomalous levels of silver and gold.

Zinc

As in previous programs on the Fox claims zinc values are in general low. Thirteen samples ran above 50ppm and four samples above 100ppm. The program highs were obtained at sample sites CK18-67(206ppm) and IC18-33(341ppm).

Copper

Copper levels in the samples collected are in general low. Seven samples yielded results above 25ppm with four of these greater than 50ppm. Sample CK18-80 gave the program high of 95.4ppm.

Silver

Values for silver in the samples collected are moderate to highly elevated. Twenty one samples ran above 10ppm with twelve above 30ppm. Five samples gave values above 100ppm and program highs consist of 1800ppm(IC18-23) and 2353ppm(CK18-67). Samples with elevated levels of silver are also commonly elevated for lead, molybdenum, and gold.

Gold

Gold is broadly elevated in the samples assayed in this year's program. Thirty samples ran above 20ppb and twenty three of these over 50ppb. Fifteen samples assayed higher than 100ppb and eleven above 250ppb. Four samples gave values greater than 500ppb and three over 1000ppb. The program highs were 17027.2ppb(IC18-23) and 23159.4ppb(CK18-67). The program highs for silver are coincident with the program highs for silver, and this relationship holds for the majority of elevated samples of both. As with silver, elevated levels of lead and molybdenum are common with elevations in gold.

Arsenic

Arsenic levels in the samples collected are slightly elevated. Twenty seven samples gave values above 20ppm and six were greater than 50ppm. The program high is 99.4ppm at CK18-83.

5.00 CONCLUSIONS AND RECOMMENDATIONS

Detailed geological mapping of outcropping mineralization should be undertaken to determine structural trends/controls to mineralization. Further sampling of available outcrops should also be part of this program.

Trenching should be undertaken along the trends of known zones to try and expand upon these strike lengths. Several longer trenches across the entire zone of known mineralization perpendicular to the structural trends already established would also be helpful in locating parallel mineralization and maybe define the limits of the system.

Depending on the results of this work drilling would be the next logical step in evaluating this area.

6.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Tom Kennedy certifies that:

- 1) I am an independent consulting prospector residing at 1082 Cote Rd, South Slokan, B.C.
- 2) I have been actively involved in mining and mineral exploration for the past 25 years.
- 3) I have been employed by individuals as well as Junior and Major mining companies.
- 4) I have created and optioned numerous grass-roots mineral exploration properties.

Tom Kennedy

Prospector

7.00 STATEMENT OF EXPENDITURES

Craig Kennedy: June 4, 8, 10, 13	
4 days @ \$400.00/day	\$1600.00
4 vehicle days @ \$150.00/day	\$600.00
Mike Kennedy: June 4, 8, 10	
3 days @ \$400.00/day	\$1200.00
Sean Kennedy: June 4, 8, 10	
3 days @ \$400.00/day	\$1200.00
3 vehicle days @ \$150.00/day	\$600.00
Isaac Crombach: June 4, 8, 10	
3 days @ \$275.00/day	\$825.00
Rock Samples(53)- ACME/B.V.	\$1951.79
Misc Supplies, IRL	\$190.78
ATV: 3 days @ \$150.00/day	\$450.00
Travel and Living Out Expenses	\$4854.90
Report and Maps	<u>\$1350.00</u>
TOTAL COSTS	\$14672.47

APPENDIX 1

**Rock Sample
Descriptions and Co-Ordinates**

Sample No	UTM E	UTM N	Description
CK18-57	337093	5977163	Silicified, limonite stained volcanics
CK18-58	337111	5977131	Minor limonite epithermal micro veins
CK18-59	337120	5977133	Crackle breccia 1 cm epithermal vein hem stain chips.
CK18-60	337120	5977129	Quartz vugs limonite 2 inch quartz vein epithermal sc greyish sulphide.
CK18-61	337120	5977130	Crystalline quartz epithermal quartz same as last sample
CK18-62	337121	5977129	Clay alt micro veins limonite stain.
CK18-63	337122	5977128	Silicified micro veins pyrite.
CK18-64	337122	5977127	Crystalline epithermal quartz limonite stain pyrite.
CK18-65	337121	5977126	Micro vein.
CK18-66	337121	5977126	Micro vein.
CK18-67	337121	5977126	Vug filled epithermal breccia .
CK18-68	337123	5977120	Silicified micro breccia.
CK18-69	337119	5977116	Micro vein.
CK18-70	337115	5977117	Silicified micro vein breccia.
CK18-71	337115	5977116	Silicified micro vein breccia.
CK18-72	337115	5977114	Silicified micro vein breccia.
CK18-73	337108	5977113	Silicified micro vein breccia.
CK18-74	337108	5977113	Silicified micro vein breccia.
CK18-75	337112	5977111	Epithermal quartz crystal vug micro-veined, silicified.
CK18-76	337106	5977110	Epithermal quartz crystal vug micro-veined, silicified.
CK18-77	337105	5977098	2by 2 ft angular local boulder, with Epithermal quartz yellow clay, Rare bornite, galena, pyrite, live hematite hem.
CK18-78	337105	5977099	Same as last.
CK18-79	337105	5977097	Same as last.
CK18-80	337105	5977097	Same as last.
CK18-81	337106	5977102	Same as last.
CK18-82	337107	5977098	Epithermal micro veinlets clay alt.
CK18-83	337086	5977061	Epithermal micro veinlets clay alt.
CK18-84	337070	5977051	Micro epithermal vein hem limonite stain.
CK18-85	337069	5977047	Micro epithermal vein hem limonite stain.
CK18-86	337069	5977045	Micro epithermal vein hem limonite stain.
CK18-87	337153	5976995	Same as last more lim.
CK18-88	337155	5976994	Quartz crystal vugs epithermal sc.
CK18-89	337185	5977221	In rd Iron pyrite rich silicified host rock with micro epithermal veins.
CK18-90	337184	5977221	In rd Iron pyrite rich silicified host rock with micro epithermal veins.
IC18-20	337309	5977178	Siliceous crystal tuff and milled breccia. Small OC Hard to break. Altered feldspar, drusy Quartz
IC18-21	337327	5976997	2x2M OC of silicified crystal tuff, drusy quartz, jarosite
IC18-22	337303	5976966	Crushed, colored, silicified
IC18-23	337312	5976958	Mystery sulfide, quartz siliceous 30 trend. OC 75 cm wide-Old sample site?
IC18-24	337312	5976958	Densely silicified zone. Wall rock?
IC18-25	337342	5976939	Not as fractured or altered. Irregular drusy quartz, dark green chlorite? and gashes.
IC18-26	337300	5976876	7x7m OC, white crystal tuff, epidote, thin drusy quartz veins. trend at 16
IC18-27	337318	5976858	2x2m OC narrow white drusy quartz veins, trend 330
IC18-28	337277	5976551	Bleaching, siliceous drusy quartz veinlets. Area has potential.
IC18-29	337487	5976706	Crystal tuff, patchy silicification, crushed drusy quartz veins. Area has potential. Chlorite altered.
IC18-30	337538	5976710	Bleached tuff, jarosite. Thin hairline quartz veins at 310

Sample No	UTM E	UTM N	Description
IC18-31	337538	5976711	Same as above, more siliceous.
IC18-32	337590	5976741	Aphanitic grey clay alt breccia. w/ thin quartz veinlets, chalcedonic, and white pink fluorite. 4x2m OC
IC18-33	337601	5976745	Bleached tuff, chlorite altered. Fuzzy quartz veinlets, milled
IC18-34	337595	5976760	4' wide densely quartz veined zone, jarosite and bleaching.
IC18-35	337595	5976761	Same as above
IC18-36	337683	5976814	Drusy quartz veinlets in siliceous breccia. OC?
MK18-18	337457	5978255	Siliceous breccia 8 by 8 inch sc quartz crystal vug fills by last year showing.
MK18-19	337459	5978252	Siliceous breccia 8 by 8 inch sc quartz crystal vug fills by last year showing.

APPENDIX 2

Rock Sample Assay sheets



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Kootenay Silver Inc.**
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: June 15, 2018
Report Date: July 08, 2018
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN18001418.1

CLIENT JOB INFORMATION

Project: FOX
Shipment ID:
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	34	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	34	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
AQ370	5	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN
FA530-Ag	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
EN002	1	Environmental disposal charge-Fire assay lead waste			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9 Canada

Project: FOX
Report Date: July 08, 2018

Page: 2 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN18001418.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
CK18-57	Rock	0.35	2.3	14.5	5.7	29	1.1	0.5	0.3	178	1.31	17.3	5.3	6.7	9	<0.1	0.7	<0.1	9	0.05	0.046
CK18-58	Rock	0.46	4.4	5.3	21.1	62	0.3	0.5	2.6	366	1.28	9.3	<0.5	2.9	6	<0.1	0.3	0.1	8	0.04	0.041
CK18-59	Rock	0.43	9.0	3.2	115.5	21	78.2	0.5	0.2	78	1.29	36.1	452.1	1.2	6	<0.1	1.8	<0.1	3	0.01	0.033
CK18-60	Rock	0.41	550.8	2.5	153.9	7	>100	0.5	<0.1	35	0.86	43.0	1330.3	2.3	26	0.8	10.7	<0.1	<2	<0.01	0.010
CK18-61	Rock	0.34	267.8	7.0	113.5	17	>100	0.6	0.1	39	1.23	61.0	3052.7	1.6	53	0.5	10.0	<0.1	3	0.01	0.017
CK18-62	Rock	0.58	52.0	3.3	21.3	51	3.5	0.4	0.6	238	1.70	29.4	7.9	3.0	9	0.2	1.8	<0.1	8	0.03	0.045
CK18-63	Rock	0.40	64.4	2.7	31.9	8	12.0	0.4	0.1	37	0.73	14.5	84.0	3.7	34	<0.1	1.8	<0.1	3	0.03	0.034
CK18-64	Rock	0.46	38.9	2.1	8.7	39	1.5	0.4	0.2	55	1.83	18.0	4.6	3.1	50	<0.1	1.1	<0.1	8	0.03	0.050
CK18-65	Rock	0.94	4.5	16.9	43.2	27	9.7	0.5	0.3	67	1.28	28.6	47.4	2.4	24	<0.1	0.9	<0.1	5	0.03	0.045
CK18-66	Rock	0.59	1.6	18.2	41.3	57	29.9	0.5	0.7	135	1.46	7.9	165.6	3.2	10	<0.1	0.6	<0.1	11	0.08	0.045
CK18-67	Rock	0.39	4.6	65.8	226.6	206	>100	0.8	1.0	297	1.15	3.3	23159.4	1.3	9	0.7	15.7	<0.1	8	0.06	0.031
CK18-68	Rock	0.42	68.9	4.4	63.6	37	30.9	0.4	0.3	117	1.49	14.6	194.8	2.8	10	0.2	1.6	<0.1	6	0.08	0.048
CK18-69	Rock	0.84	4.2	17.2	108.8	67	54.0	0.6	1.1	349	1.40	12.4	364.7	3.3	14	0.1	1.0	<0.1	12	0.08	0.044
CK18-70	Rock	0.29	7.1	3.7	6.0	25	1.1	0.5	0.2	57	1.72	15.0	7.1	3.2	5	<0.1	0.4	<0.1	8	0.03	0.042
CK18-71	Rock	0.85	0.8	6.1	12.7	13	2.1	0.4	0.2	84	1.24	27.3	16.1	3.5	11	<0.1	0.9	<0.1	7	0.06	0.044
CK18-72	Rock	0.50	1.7	2.1	7.4	14	0.8	0.4	0.7	132	1.10	44.6	3.3	3.8	5	<0.1	1.6	<0.1	8	0.06	0.050
CK18-73	Rock	0.30	5.2	3.5	7.9	22	1.5	0.4	0.2	82	1.78	34.3	22.9	2.1	14	<0.1	0.8	<0.1	7	0.03	0.043
CK18-74	Rock	0.45	1.2	4.9	7.5	12	3.5	0.6	0.2	85	0.86	23.2	16.2	3.6	7	<0.1	1.5	<0.1	5	0.07	0.044
CK18-75	Rock	0.38	5.8	8.1	8.4	34	1.6	0.6	1.1	232	1.59	19.7	12.0	3.4	9	<0.1	0.7	<0.1	6	0.06	0.042
CK18-76	Rock	0.40	10.1	4.7	7.3	109	0.7	0.7	9.3	2540	2.02	18.6	6.5	3.8	18	0.4	0.6	<0.1	10	0.05	0.035
CK18-77	Rock	0.62	3.3	5.2	9.9	25	1.2	0.4	0.3	90	1.30	36.4	16.5	2.8	8	<0.1	1.2	<0.1	7	0.04	0.047
CK18-78	Rock	0.36	2.0	43.7	201.3	14	>100	0.5	0.1	45	1.97	64.9	574.8	1.1	34	<0.1	1.7	<0.1	5	<0.01	0.018
CK18-79	Rock	0.66	3.4	84.1	112.5	22	90.1	0.5	0.2	56	2.19	82.2	461.8	1.3	31	<0.1	2.3	<0.1	6	0.02	0.026
CK18-80	Rock	0.41	5.1	95.4	153.4	123	>100	1.0	0.5	141	1.95	48.5	260.1	2.3	14	<0.1	1.6	<0.1	7	0.03	0.031
CK18-81	Rock	0.33	3.9	68.7	234.5	89	64.2	0.7	0.3	117	2.06	59.4	219.3	2.1	15	<0.1	1.8	<0.1	6	0.02	0.032
CK18-82	Rock	0.43	2.3	5.2	18.4	14	16.9	0.5	0.2	74	0.98	17.2	62.3	2.0	9	<0.1	0.9	<0.1	4	0.03	0.036
CK18-83	Rock	0.40	6.2	10.2	104.0	12	5.6	0.5	0.1	65	1.24	99.4	67.5	3.3	33	<0.1	2.1	<0.1	6	0.03	0.056
CK18-84	Rock	0.30	6.2	2.2	11.2	9	1.4	0.4	<0.1	51	0.96	48.9	13.2	4.1	27	<0.1	0.7	<0.1	3	<0.01	0.037
CK18-85	Rock	0.59	89.4	3.4	39.5	22	11.1	0.4	0.2	44	1.39	41.9	59.2	5.0	58	0.4	2.1	0.1	4	<0.01	0.040
CK18-86	Rock	0.36	21.1	16.0	11.6	59	1.6	0.4	0.7	175	3.39	25.6	6.6	5.1	7	0.2	1.1	<0.1	19	0.01	0.096



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Project: FOX
Report Date: July 08, 2018

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CERTIFICATE OF ANALYSIS

VAN18001418.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	2	20	
CK18-57	Rock	47	1	0.04	91	0.012	<1	0.48	0.048	0.15	0.2	0.03	1.1	<0.1	0.07	4	<0.5	<0.2		
CK18-58	Rock	54	1	0.05	40	0.002	<1	0.53	0.013	0.30	<0.1	0.01	0.8	0.2	<0.05	3	<0.5	<0.2		
CK18-59	Rock	21	2	0.01	76	0.005	<1	0.17	0.004	0.17	0.9	<0.01	0.5	0.1	<0.05	2	<0.5	<0.2		
CK18-60	Rock	17	1	<0.01	101	0.005	<1	0.12	0.004	0.23	0.2	0.10	0.2	0.6	0.18	<1	1.7	1.1	203	
CK18-61	Rock	19	2	<0.01	43	0.006	<1	0.10	0.004	0.22	0.2	0.28	0.6	0.6	0.38	1	2.3	0.6	421	
CK18-62	Rock	35	1	0.03	88	0.006	<1	0.39	0.009	0.26	0.5	0.02	1.0	0.2	<0.05	4	<0.5	0.3		
CK18-63	Rock	33	1	<0.01	132	0.004	1	0.20	0.004	0.25	<0.1	0.02	0.7	0.2	0.10	2	<0.5	<0.2		
CK18-64	Rock	42	1	0.03	238	0.011	<1	0.35	0.008	0.25	0.6	0.02	1.1	0.2	0.09	4	<0.5	<0.2		
CK18-65	Rock	37	1	0.02	91	0.011	<1	0.29	0.012	0.24	<0.1	0.02	1.6	0.2	<0.05	3	<0.5	<0.2		
CK18-66	Rock	47	1	0.08	88	0.003	<1	0.52	0.033	0.22	1.4	<0.01	0.7	0.1	0.06	4	0.6	<0.2		
CK18-67	Rock	30	2	0.06	74	0.005	<1	0.28	0.012	0.11	2.2	0.42	0.6	<0.1	0.06	3	15.4	<0.2	>1000	2353
CK18-68	Rock	35	1	0.07	134	0.019	<1	0.38	0.041	0.16	0.2	0.07	0.7	0.1	0.12	4	<0.5	0.3		
CK18-69	Rock	37	1	0.07	93	0.013	<1	0.45	0.025	0.19	1.1	0.03	1.2	<0.1	<0.05	5	<0.5	<0.2		
CK18-70	Rock	27	1	0.02	46	0.022	<1	0.31	0.035	0.15	0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2		
CK18-71	Rock	31	1	0.04	180	0.045	<1	0.32	0.046	0.17	0.2	0.03	1.0	0.2	0.07	3	<0.5	<0.2		
CK18-72	Rock	39	1	0.03	54	0.039	<1	0.39	0.041	0.15	0.2	0.04	0.8	0.1	<0.05	4	<0.5	<0.2		
CK18-73	Rock	30	<1	0.05	98	0.009	<1	0.35	0.024	0.23	0.2	0.05	0.9	0.1	0.12	4	<0.5	<0.2		
CK18-74	Rock	29	1	0.02	72	0.027	<1	0.24	0.033	0.15	0.1	0.02	0.6	0.1	<0.05	2	<0.5	<0.2		
CK18-75	Rock	36	1	0.04	96	0.011	<1	0.40	0.039	0.15	0.4	0.03	0.8	<0.1	0.30	3	<0.5	<0.2		
CK18-76	Rock	31	<1	0.04	136	0.003	<1	0.54	0.032	0.17	1.9	0.02	1.9	0.3	<0.05	5	<0.5	<0.2		
CK18-77	Rock	31	1	0.04	76	0.021	<1	0.32	0.024	0.17	0.2	0.06	1.5	0.1	0.09	4	<0.5	<0.2		
CK18-78	Rock	21	1	<0.01	70	0.004	<1	0.12	0.014	0.28	0.3	0.06	0.7	0.1	0.74	3	<0.5	<0.2	127	
CK18-79	Rock	22	2	<0.01	64	0.006	<1	0.19	0.014	0.21	0.2	0.06	1.0	0.2	1.10	2	<0.5	<0.2		
CK18-80	Rock	25	3	0.05	148	0.005	<1	0.52	0.011	0.14	2.3	0.06	1.3	<0.1	0.11	5	<0.5	<0.2	107	
CK18-81	Rock	21	2	0.03	91	0.005	<1	0.35	0.013	0.16	1.7	0.04	0.9	0.1	0.30	4	<0.5	<0.2		
CK18-82	Rock	37	1	0.04	85	0.013	<1	0.28	0.009	0.21	<0.1	0.02	0.5	0.2	<0.05	3	<0.5	<0.2		
CK18-83	Rock	65	1	0.02	78	0.021	<1	0.27	0.014	0.26	0.1	0.02	0.9	0.2	0.10	3	<0.5	<0.2		
CK18-84	Rock	40	1	0.01	93	0.004	<1	0.24	0.011	0.29	<0.1	<0.01	0.6	0.2	0.09	2	<0.5	<0.2		
CK18-85	Rock	44	1	<0.01	79	0.025	<1	0.18	0.012	0.25	0.2	0.02	1.1	0.2	0.31	2	<0.5	<0.2		
CK18-86	Rock	26	1	0.07	57	0.031	<1	0.66	0.014	0.17	0.2	0.02	4.5	0.1	0.40	6	<0.5	<0.2		



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CERTIFICATE OF ANALYSIS

VAN18001418.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
CK18-87	Rock	0.32	2.8	8.3	20.1	34	27.3	0.5	1.0	290	2.32	30.5	62.9	4.5	9	<0.1	0.7	<0.1	7	0.03	0.040
CK18-88	Rock	0.58	2.5	2.6	4.7	23	9.8	0.5	0.2	67	1.41	53.1	115.0	5.1	11	<0.1	0.9	<0.1	5	0.04	0.047
CK18-89	Rock	0.28	2.0	7.0	5.7	17	4.5	0.5	0.8	117	1.22	41.7	20.5	5.4	4	<0.1	1.1	<0.1	7	0.08	0.043
CK18-90	Rock	0.65	2.0	8.9	20.4	19	11.1	0.5	1.1	123	1.27	38.6	51.5	5.9	4	<0.1	1.2	<0.1	8	0.09	0.039



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CERTIFICATE OF ANALYSIS

VAN18001418.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	2	20	
CK18-87	Rock	47	1	0.03	115	0.003	1	0.33	0.005	0.19	1.0	0.02	1.8	0.1	<0.05	4	<0.5	<0.2		
CK18-88	Rock	38	1	0.03	82	0.007	<1	0.29	0.017	0.18	0.4	0.03	0.6	0.1	0.09	3	<0.5	<0.2		
CK18-89	Rock	35	2	0.03	43	0.023	<1	0.27	0.028	0.13	0.1	0.02	0.7	<0.1	0.76	2	<0.5	0.5		
CK18-90	Rock	32	1	0.03	45	0.029	<1	0.30	0.032	0.14	0.2	0.01	0.7	<0.1	0.88	2	<0.5	0.3		



QUALITY CONTROL REPORT

VAN18001418.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
CK18-79	Rock	0.66	3.4	84.1	112.5	22	90.1	0.5	0.2	56	2.19	82.2	461.8	1.3	31	<0.1	2.3	<0.1	6	0.02	0.026
REP CK18-79	QC		3.3	84.5	113.7	23	90.3	0.5	0.2	57	2.20	82.8	479.3	1.3	32	<0.1	2.5	<0.1	6	0.02	0.027
Core Reject Duplicates																					
CK18-83	Rock	0.40	6.2	10.2	104.0	12	5.6	0.5	0.1	65	1.24	99.4	67.5	3.3	33	<0.1	2.1	<0.1	6	0.03	0.056
DUP CK18-83	QC		5.7	9.9	100.9	12	5.6	0.4	0.1	63	1.23	99.2	65.4	3.1	32	<0.1	1.8	<0.1	6	0.03	0.054
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard		15.1	152.6	141.5	361	1.8	81.0	13.6	1049	3.14	45.8	77.3	7.9	71	2.7	8.7	12.0	50	1.08	0.076
STD DS11	Standard		15.1	159.8	135.5	337	1.7	80.9	13.9	1038	3.23	43.6	126.5	7.7	62	2.2	7.7	11.2	52	1.11	0.071
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OXC129	Standard		1.3	26.6	6.0	43	<0.1	77.4	19.4	426	3.08	1.1	196.1	1.7	192	<0.1	<0.1	<0.1	52	0.73	0.105
STD OXC129	Standard		1.3	28.7	5.8	37	<0.1	84.1	21.0	437	3.10	<0.5	195.3	1.8	195	<0.1	<0.1	<0.1	55	0.74	0.099
STD SP49	Standard																				
STD SQ70	Standard																				
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD OXC129 Expected			1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		1.4	3.6	1.5	40	<0.1	1.0	3.8	588	1.86	1.6	<0.5	2.1	30	<0.1	<0.1	<0.1	22	0.72	0.043



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QUALITY CONTROL REPORT

VAN18001418.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	2	20
Pulp Duplicates																				
CK18-79	Rock	22	2	<0.01	64	0.006	<1	0.19	0.014	0.21	0.2	0.06	1.0	0.2	1.10	2	<0.5	<0.2		
REP CK18-79	QC	23	2	<0.01	66	0.006	<1	0.18	0.014	0.21	0.2	0.05	0.9	0.2	1.12	2	<0.5	<0.2		
Core Reject Duplicates																				
CK18-83	Rock	65	1	0.02	78	0.021	<1	0.27	0.014	0.26	0.1	0.02	0.9	0.2	0.10	3	<0.5	<0.2		
DUP CK18-83	QC	59	1	0.02	74	0.021	<1	0.27	0.013	0.26	0.1	0.01	0.8	0.2	0.10	3	<0.5	<0.2		
Reference Materials																				
STD AGPROOF	Standard																			95
STD DS11	Standard	19	61	0.84	394	0.096	8	1.19	0.074	0.41	3.3	0.29	3.2	5.0	0.27	6	1.3	4.9		
STD DS11	Standard	19	61	0.85	356	0.091	6	1.21	0.081	0.42	2.9	0.26	3.3	4.9	0.28	5	1.5	4.8		
STD GC-7	Standard																			603
STD OREAS133B	Standard																			106
STD OXC129	Standard	12	51	1.56	50	0.407	<1	1.63	0.602	0.37	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2		
STD OXC129	Standard	12	56	1.58	52	0.413	1	1.65	0.609	0.37	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2		
STD SP49	Standard																			60
STD SQ70	Standard																			156
STD GC-7 Expected																				624
STD OREAS133B Expected																				104
STD OXC129 Expected		12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5				
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56		
STD AGPROOF Expected																				94
STD SP49 Expected																				60.2
STD SQ70 Expected																				159.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<20
Prep Wash																				
ROCK-VAN	Prep Blank	6	2	0.51	79	0.084	3	1.14	0.138	0.13	0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2		



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QUALITY CONTROL REPORT

VAN18001418.1

WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001		
ROCK-VAN	Prep Blank	1.4	4.6	1.6	41	<0.1	1.2	3.7	557	1.84	1.2	<0.5	2.1	28	<0.1	<0.1	<0.1	22	0.71	0.042	



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Project: FOX
Report Date: July 08, 2018

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Part: 2 of 2

QUALITY CONTROL REPORT

VAN18001418.1

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag	
	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	20	
ROCK-VAN	6	3	0.51	74	0.079	<1	1.11	0.126	0.12	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2			
	Prep Blank																			



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Kootenay Silver Inc.**
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9 Canada

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: June 15, 2018
Report Date: July 11, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN18001419.1

CLIENT JOB INFORMATION

Project: FOX
Shipment ID:
P.O. Number
Number of Samples: 17

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	17	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	17	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
AQ370	1	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN
FA530-Ag	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
EN002	1	Environmental disposal charge-Fire assay lead waste			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
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Project: FOX
Report Date: July 11, 2018

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN18001419.1

Method	Analyte	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
IC18-20	Rock	0.32	5.8	3.8	12.3	17	4.3	0.5	0.1	53	1.09	5.0	3.6	4.5	7	<0.1	0.3	<0.1	5	0.03	0.027
IC18-21	Rock	0.71	6.0	19.0	143.1	54	88.4	0.5	0.2	73	1.01	9.0	331.3	4.0	41	0.2	0.8	<0.1	6	0.10	0.031
IC18-22	Rock	0.57	5.6	8.0	11.1	81	1.4	0.7	0.8	882	2.23	12.4	6.8	4.3	5	<0.1	1.2	<0.1	6	0.01	0.058
IC18-23	Rock	0.24	3.4	27.9	200.2	48	>100	0.5	0.1	42	1.63	48.8	17027.2	2.1	10	0.3	14.0	<0.1	4	<0.01	0.032
IC18-24	Rock	0.54	1.6	29.7	8.8	27	6.0	0.7	1.3	186	1.93	24.6	26.8	5.2	8	<0.1	0.5	<0.1	8	0.04	0.050
IC18-25	Rock	0.58	0.7	9.7	7.9	42	2.9	0.5	0.8	234	1.46	8.0	32.2	3.4	6	<0.1	0.3	<0.1	8	0.10	0.043
IC18-26	Rock	0.32	2.0	12.5	15.0	52	12.2	0.5	0.3	106	1.13	5.2	386.0	3.1	5	<0.1	0.3	0.2	6	0.09	0.035
IC18-27	Rock	0.30	0.4	15.6	10.5	45	5.0	0.9	0.9	373	0.80	1.2	11.2	3.1	6	<0.1	0.2	<0.1	5	0.09	0.045
IC18-28	Rock	0.56	2.3	7.6	13.8	33	0.8	0.4	0.4	100	1.44	39.3	19.3	5.5	12	<0.1	0.4	<0.1	10	0.05	0.047
IC18-29	Rock	0.91	2.4	11.4	11.4	14	1.7	0.5	0.3	61	1.00	18.5	9.5	2.5	3	<0.1	0.3	<0.1	3	0.03	0.036
IC18-30	Rock	0.48	3.7	4.8	20.5	18	1.0	0.5	0.3	99	1.20	24.6	7.2	5.2	18	<0.1	0.5	<0.1	5	0.03	0.032
IC18-31	Rock	0.27	2.5	4.1	14.0	27	1.0	0.4	0.3	79	1.28	24.6	11.4	4.1	7	<0.1	0.3	<0.1	5	0.03	0.030
IC18-32	Rock	0.59	2.1	2.3	10.1	13	0.3	1.2	1.1	177	0.58	11.2	6.6	3.2	5	0.2	0.2	<0.1	6	0.18	0.041
IC18-33	Rock	0.76	2.3	5.0	52.7	341	0.5	1.4	4.6	3204	5.67	3.9	24.9	3.4	7	0.4	0.3	<0.1	20	0.52	0.045
IC18-34	Rock	0.70	1.0	9.5	13.6	19	0.6	0.6	0.4	70	0.59	5.1	53.8	1.9	3	<0.1	0.2	<0.1	2	0.03	0.019
IC18-35	Rock	0.91	1.9	6.4	33.1	15	1.8	0.6	0.2	64	0.68	5.0	167.7	1.8	4	<0.1	0.3	<0.1	2	0.02	0.023
IC18-36	Rock	0.59	4.0	17.7	16.4	32	3.1	0.8	0.5	112	1.25	12.1	33.7	5.7	8	<0.1	0.4	<0.1	6	0.06	0.040



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Project: FOX
Report Date: July 11, 2018

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CERTIFICATE OF ANALYSIS

VAN18001419.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
IC18-20	Rock	23	2	<0.01	30	0.002	<1	0.20	0.004	0.15	0.1	<0.01	0.8	<0.1	<0.05	1	<0.5	<0.2		
IC18-21	Rock	23	2	<0.01	93	0.009	<1	0.22	0.023	0.12	0.1	0.13	0.8	<0.1	0.20	2	<0.5	<0.2		
IC18-22	Rock	40	2	0.02	46	0.003	<1	0.36	0.005	0.15	0.3	0.02	0.9	0.1	<0.05	3	<0.5	<0.2		
IC18-23	Rock	14	2	<0.01	54	0.003	<1	0.12	0.003	0.17	0.1	0.16	1.0	0.1	0.11	<1	7.6	<0.2	>1000	1800
IC18-24	Rock	47	2	0.06	97	0.003	<1	0.40	0.007	0.20	<0.1	0.02	2.7	<0.1	0.93	4	<0.5	<0.2		
IC18-25	Rock	33	1	0.07	76	0.004	<1	0.58	0.016	0.25	0.3	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2		
IC18-26	Rock	22	1	0.06	36	0.002	<1	0.46	0.025	0.23	0.7	0.04	0.6	0.1	<0.05	3	<0.5	<0.2		
IC18-27	Rock	54	2	0.10	46	0.002	<1	0.49	0.025	0.20	0.9	<0.01	0.8	0.1	<0.05	4	<0.5	<0.2		
IC18-28	Rock	56	2	0.02	57	0.002	<1	0.36	0.037	0.18	<0.1	<0.01	0.8	0.1	<0.05	3	<0.5	<0.2		
IC18-29	Rock	27	1	0.02	46	0.003	<1	0.33	0.019	0.21	<0.1	<0.01	0.6	0.1	<0.05	2	<0.5	<0.2		
IC18-30	Rock	35	2	0.01	43	0.002	<1	0.34	0.022	0.24	0.3	<0.01	0.5	0.1	<0.05	2	<0.5	<0.2		
IC18-31	Rock	32	1	0.02	50	0.002	<1	0.30	0.015	0.21	0.2	<0.01	0.5	0.1	<0.05	2	<0.5	<0.2		
IC18-32	Rock	36	2	0.02	28	<0.001	<1	0.39	0.002	0.32	<0.1	<0.01	0.6	0.2	<0.05	2	<0.5	<0.2		
IC18-33	Rock	37	2	0.27	45	0.006	<1	2.12	0.021	0.30	<0.1	0.03	7.4	0.1	<0.05	11	<0.5	<0.2		
IC18-34	Rock	14	2	<0.01	16	0.001	<1	0.18	0.001	0.17	<0.1	0.02	0.5	0.1	<0.05	1	<0.5	<0.2		
IC18-35	Rock	10	2	<0.01	21	0.001	<1	0.18	0.002	0.17	<0.1	0.01	0.6	0.1	<0.05	1	<0.5	<0.2		
IC18-36	Rock	32	2	0.03	49	0.005	<1	0.32	0.028	0.17	<0.1	<0.01	1.0	<0.1	0.08	3	<0.5	<0.2		



QUALITY CONTROL REPORT

VAN18001419.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Reference Materials																					
STD AGPROOF Standard																					
STD DS11 Standard		15.1	159.8	135.5	337	1.7	80.9	13.9	1038	3.23	43.6	126.5	7.7	62	2.2	7.7	11.2	52	1.11	0.071	
STD GC-7 Standard																					
STD OREAS133B Standard																					
STD OXC129 Standard		1.3	28.7	5.8	37	<0.1	84.1	21.0	437	3.10	<0.5	195.3	1.8	195	<0.1	<0.1	<0.1	55	0.74	0.099	
STD SP49 Standard																					
STD SQ70 Standard																					
STD OXC129 Expected		1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102	
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
BLK Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001	
BLK Blank																					
BLK Blank																					
Prep Wash																					
ROCK-VAN Prep Blank		1.1	10.2	1.6	43	<0.1	1.1	3.8	585	1.78	0.7	<0.5	2.0	21	<0.1	<0.1	<0.1	22	0.59	0.044	
ROCK-VAN Prep Blank		1.2	4.8	1.4	40	<0.1	1.0	3.9	597	1.88	1.0	<0.5	2.2	26	<0.1	<0.1	<0.1	24	0.66	0.042	



QUALITY CONTROL REPORT

VAN18001419.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t	gm/t
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	2	20	
Reference Materials																				
STD AGPROOF	Standard																			93
STD DS11	Standard	19	61	0.85	356	0.091	6	1.21	0.081	0.42	2.9	0.26	3.3	4.9	0.28	5	1.5	4.8		
STD GC-7	Standard																			615
STD OREAS133B	Standard																			103
STD OXC129	Standard	12	56	1.58	52	0.413	1	1.65	0.609	0.37	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2		
STD SP49	Standard																			51
STD SQ70	Standard																			157
STD OXC129 Expected		12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5				
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56		
STD GC-7 Expected																				624
STD OREAS133B Expected																				104
STD AGPROOF Expected																				94
STD SP49 Expected																				60.2
STD SQ70 Expected																				159.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<2
BLK	Blank																			<20
Prep Wash																				
ROCK-VAN	Prep Blank	6	3	0.53	52	0.074	2	0.93	0.084	0.09	<0.1	0.01	2.7	<0.1	0.07	4	<0.5	<0.2		
ROCK-VAN	Prep Blank	6	3	0.56	58	0.078	2	1.08	0.106	0.11	<0.1	0.02	3.0	<0.1	0.07	4	<0.5	<0.2		



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Suite 1820 - 1055 W. Hastings St.
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Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: June 15, 2018
Report Date: July 08, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN18001421.1

CLIENT JOB INFORMATION

Project: FOX
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	2	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver British Columbia V6E 2E9
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: FOX
Report Date: July 08, 2018

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN18001421.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
MK18-18	Rock	0.56	2.0	1.9	7.8	27	13.6	0.5	0.6	127	0.99	1.8	78.4	4.9	6	<0.1	0.2	<0.1	4	0.09	0.030
MK18-19	Rock	0.59	0.6	7.4	11.3	41	5.2	0.7	1.5	318	1.01	1.7	29.6	6.1	5	<0.1	0.2	<0.1	5	0.09	0.030



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
MK18-18	Rock	18	1	0.06	38	0.002	<1	0.41	0.008	0.23	<0.1	<0.01	0.6	0.1	<0.05	2	<0.5	<0.2
MK18-19	Rock	36	2	0.09	47	0.002	<1	0.46	0.011	0.20	0.2	<0.01	0.8	0.1	<0.05	3	<0.5	<0.2



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Report Date: July 08, 2018

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Part: 1 of 2

QUALITY CONTROL REPORT

VAN18001421.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Reference Materials																					
STD DS11	Standard	14.0	146.6	140.9	340	1.7	78.6	13.3	1025	3.15	42.6	94.0	8.2	67	2.5	8.2	12.2	50	1.07	0.071	
STD OXC129	Standard	1.4	26.6	6.3	46	<0.1	78.9	21.0	416	3.05	<0.5	187.4	1.8	190	<0.1	<0.1	<0.1	54	0.70	0.105	
STD OXC129 Expected		1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102	
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
Prep Wash																					
ROCK-VAN	Prep Blank	1.4	3.3	1.3	32	<0.1	1.0	3.5	543	1.81	1.0	<0.5	2.2	33	<0.1	<0.1	<0.1	22	0.73	0.041	



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Project: FOX
Report Date: July 08, 2018

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QUALITY CONTROL REPORT

VAN18001421.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																	
STD DS11 Standard	18	58	0.84	363	0.093	7	1.16	0.075	0.40	3.0	0.26	3.1	5.1	0.27	5	2.4	4.3
STD OXC129 Standard	13	56	1.57	54	0.428	<1	1.62	0.590	0.36	<0.1	<0.01	0.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC129 Expected	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																	
ROCK-VAN Prep Blank	7	3	0.48	66	0.082	2	1.08	0.109	0.11	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2