

Geochemical Report  
On The  
Scrib-1 to 6, 7-14, 16, 18, 20-42 Quartz Claims  
YD06961 to YD06966  
YD09341 to YD09348  
YD09350  
YD09352 and  
YD09354 to YD09376

Work Period: September 2018

Located In  
Dawson Mining District  
On  
NTS 115-O-10  
63° 37' Latitude, 138° 42' Longitude

By  
Bernie Kreft

January 4th, 2019

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**Location** – The Scribner Project is located on NTS map sheet 115-0-10, 58 kilometres south of Dawson City, Y.T, in the Dawson Mining District. It is situated just north of the lower end of Dominion Creek on the ridge between Sulphur Creek and Indian River, covering the majority of the Scribner Creek drainage basin. Latitude and longitude of the property is approximately 63°37'N, 138°42'W. Claims comprising the project are listed on the following table:

Claim Name	Grant Numbers	Registered Owner	Expiry Date
Scrib 1-6	YD06961 to YD06966	Bernard Kreft	2021 March 26
Scrib 7-10	YD09341 to YD09344	"	2021 March 26
Scrib 11-14	YD09345 to YD09348	"	2019 March 26
Scrib 16	YD09350	"	2019 March 26
Scrib 18	YD09352	"	2019 March 26
Scrib 20-21	YD09354 to YD09355	"	2019 March 26
Scrib 22	YD09356	"	2021 March 26
Scrib 23	YD09357	"	2019 March 26
Scrib 24	YD09358	"	2021 March 26
Scrib 25	YD09359	"	2019 March 26
Scrib 26	YD09360	"	2021 March 26
Scrib 27-28	YD09361 to YD09362	"	2019 March 26
Scrib 29	YD09363	"	2021 March 26
Scrib 30	YD09364	"	2019 March 26
Scrib 31	YD09365	"	2021 March 26
Scrib 32	YD09366	"	2019 March 26
Scrib 33	YD09367	"	2021 March 26
Scrib 34	YD09368	"	2019 March 26
Scrib 35	YD09369	"	2021 March 26
Scrib 36	YD09370	"	2019 March 26
Scrib 37	YD09371	"	2021 March 26
Scrib 38-42	YD09372 to YD9376	"	2019 March 26

**Access** – Access to the Scribner Project was achieved by truck from Dawson City via Hunker-Sulphur-Maisy May roads with an approximate 85 kilometre one-way drive requiring about 1 hour and 15 minutes. Care should be taken when travelling along the Maisy May (Lower Dominion Creek) portion of the road as it is not regularly maintained. A good 2-wheel drive road extends from the Maisy May road along the east side of Scribner Creek to the general vicinity of the main area of interest.

**Topography and Vegetation** – The property lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surficial weathering during the early to mid-Tertiary, as a result, natural bedrock exposures are rare and the effects of surface weathering extend to depths of as much as 80 metres or more. Overburden and regolithic material appear to average approximately 2-4 metres in thickness, but is certainly deeper in some spots. The main showing is located on a south facing slope lightly forested with small poplar trees and is generally snow free from early May, with frost leaving the ground by the end of May. North facing slopes are generally free of snow by mid-May, with frost often remaining year-round. The property is below tree line, with vegetative cover consisting of variable amounts of spruce, poplar and brush, with brush and stunted spruce trees predominating on north facing slopes and in areas of permafrost or poor drainage, while steep south facing slopes are generally covered by small poplar trees.



Scribner Project ★

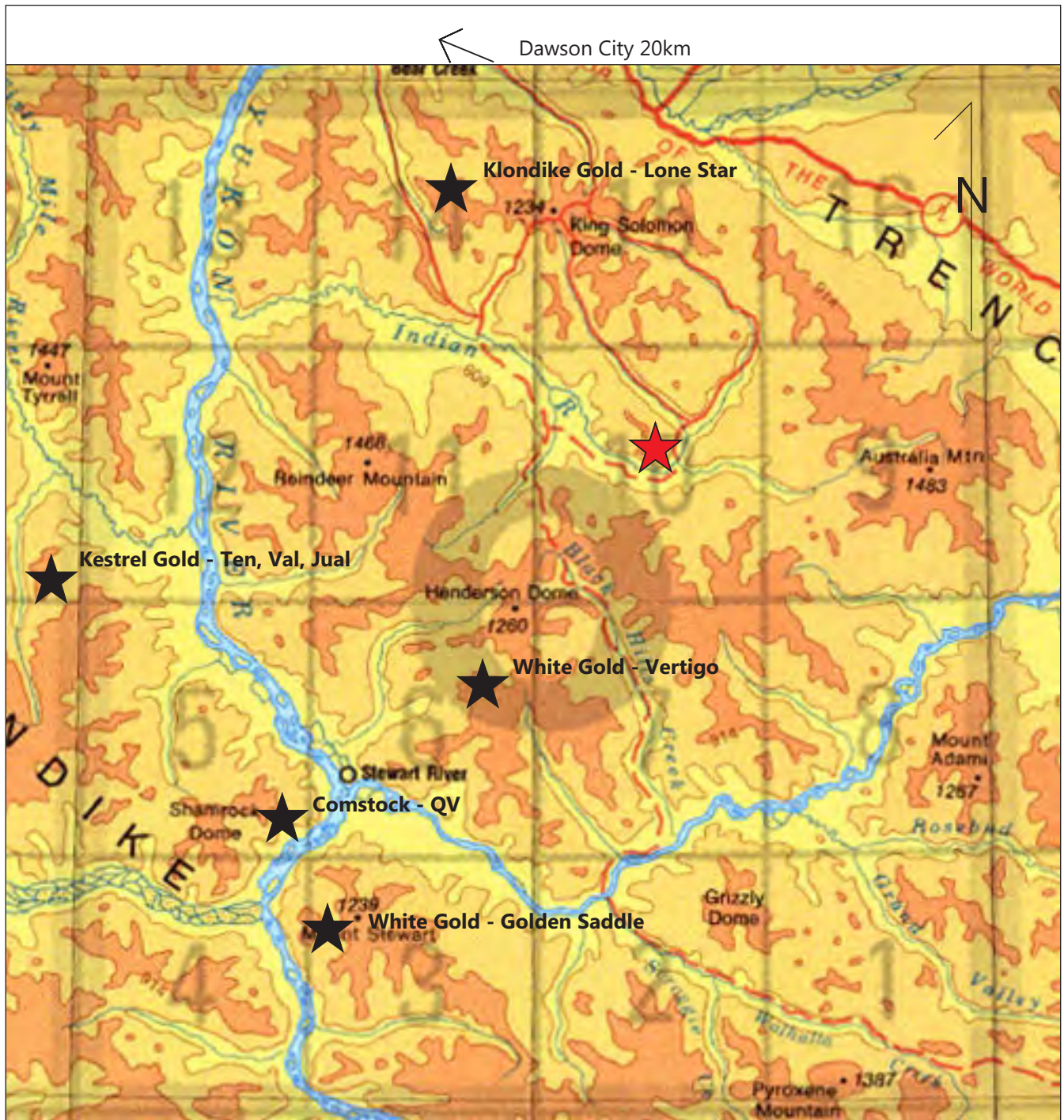
To Accompany: 2018 Gulf Project Report


December 30th, 2018

By: Bernie Kreft

Figure 1





Regional Map - Scribner Project   
figure 2

Scale approx. 1:600,000







**History and Previous Work** – Since 1898 significant placer mining operations have been conducted on Dominion Creek both upstream and downstream of the mouth of Scribner Creek. Only a limited amount of placer exploration work has been conducted on Scribner itself, with this work consisting of several old hand shafts and camp sites likely dating from the 1898 era and some bulldozer scrapings and road-building dating from the early 1980's and several currently active pits and diggings .

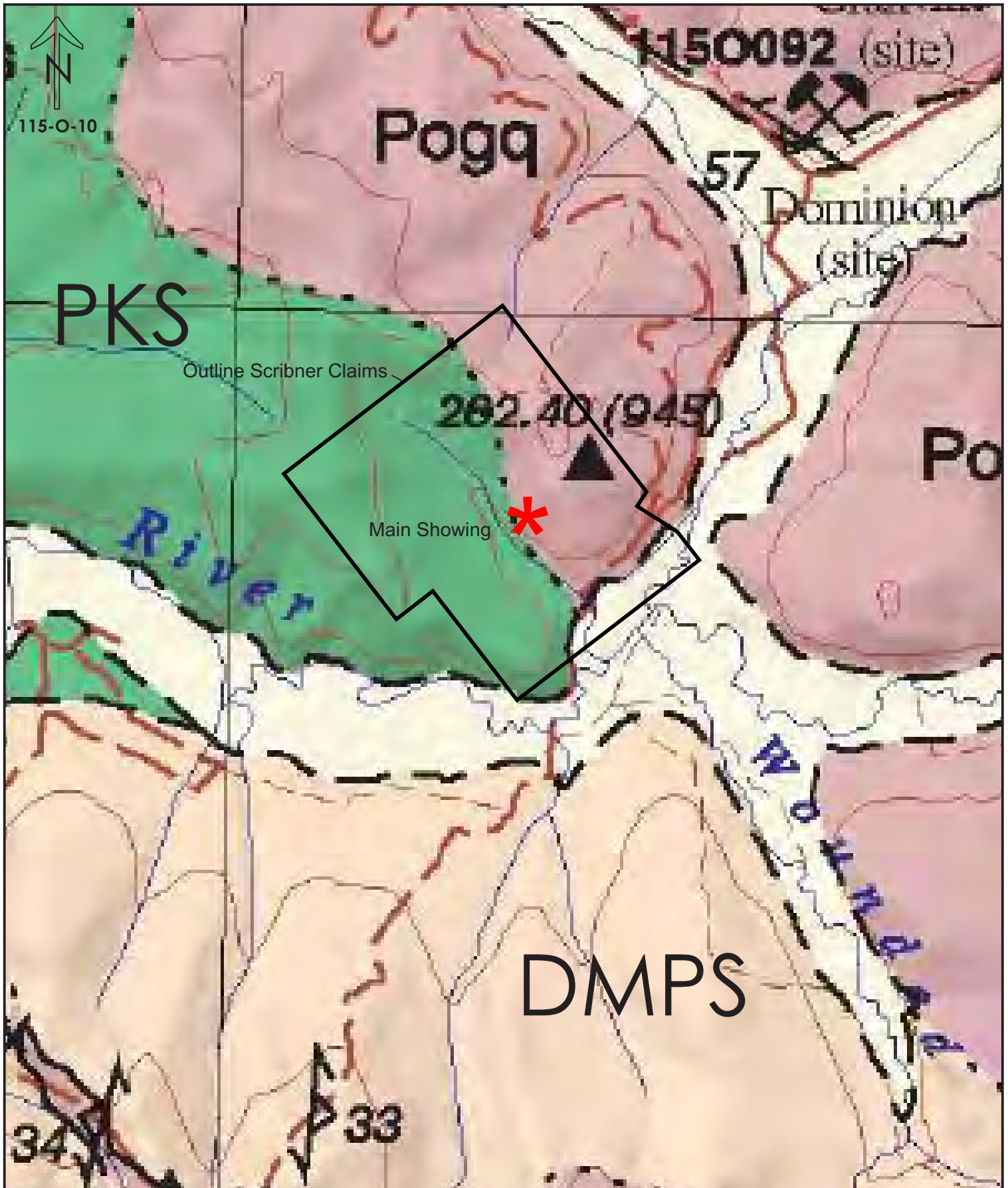
Although hard-rock exploration in the vicinity of the Scribner Property has likely been conducted since 1898, the first recorded work consisted of a program conducted by Arbor Resources in 1992. This work, detailed in AR 093026 (Gulf claims), consisted of a limited soil sampling and mapping program with results of up to 110 ppb Au in soil just east of the lower end of Scribner Creek in an area underlain by metamorphosed quartz feldspar porphyry and quartzite. The anomalous soil values were located just upstream from several old placer shafts and just downstream from several 1980's era bulldozer excavated placer test trenches.

Kreft – Private Data – 2009 – Work completed by the author during the 2009 field season consisted of a small-scale soil sampling and prospecting program designed to follow up the Arbor Resources results. A total of 31 soil samples and 7 rock samples were taken, resulting in the confirmation of the Arbor anomalies as well as the discovery of a second anomalous area 350 metres to the northwest. Soil and rock sampling returned maximum values of 965 ppb Au and 4330 ppb Au respectively. Metallic screen assays on gold anomalous rock samples failed to detect the presence of any gold greater than 80-mesh in size, which can be considered an anomaly given that gold bearing veins in the Klondike district invariably contain at least a small coarse gold component readily detected by metallic screen assays. Trace element geochemistry returned weakly anomalous values for arsenic, barium, iron, phosphorous, manganese and thorium. Overall results were judged to be vaguely suggestive of a structurally controlled intrusive hosted or related gold target, with further work highly recommended.

Kreft – YEIP 2010-135 – 2010 – Work on the Scribner project included the collection of 246 soil samples, results from which help outline a 1200 metre long opened-ended gold in soil anomaly with values up to 965 ppb. Rock sampling from within this zone returned up to 51.2 g/t Au and 10.1 g/t Au (note, these results are unconfirmed by recent sampling). Although the genesis of the mineralization remained an enigma due to a lack of exposure, the geometry of the soil anomalies suggests a structurally controlled gold intrusive hosted gold system. Further soil sampling and prospecting as well as trenching, mapping and channel sampling of the main showings and anomalies was recommended in order to provide a better understanding of the controls on mineralization to help dictate subsequent exploration events.

Kestrel – AR095975 – 2011 – In 2011 the Project was optioned to Kestrel Gold Inc. who completed soil sampling (1,631 samples) and prospecting surveys. Results did not definitively expand the existing anomalous zone beyond its known dimensions and no further work was completed.

**Geology and Mineralization** – The project is situated on the southwest side of the Tintina Fault, within Yukon Tanana Terrane (YTT) strata. The YTT is found to be primarily composed of upper Paleozoic and older polyphase meta-sediments, meta-volcanics, and meta-plutonic rocks. The YTT has proven to be an under-explored, yet highly prospective belt of rocks, as witnessed by the recent significant discoveries at Underworld, Rau, Wolverine, Kudz Ze Kayah and Pogo. The potential for Pogo and Underworld type occurrences (along with other bulk-tonnage gold targets) has been recognized in the Yukon portion of the YTT, with the area south and west of Dawson receiving considerable attention since 1993 from numerous companies, including Newmont, Kinross, Teck, Kennecott and Phelps Dodge as well as a plethora of junior exploration companies. This area is part of the Tintina Gold Belt that extends from



PKs	KLONDIKE SCHIST: muscovite-chlorite-quartz-feldspar schist, chlorite schist, chlorite phyllonite; local cleaved lapilli tuff with preserved primary textures, probably derived from Pv
Pogg Poga	ORTHOGNEISS (YOUNGER, 264-259 Ma): Pog, undivided orthogneiss; Pogg, pink to orange K-feldspar rich, granitic orthogneiss, commonly includes or associated with Poga; Poga, mainly K-feldspar augen orthogneiss, exhibits various states of strain including porphyroclastic straight gneiss, commonly includes or associated with Pogg; Pogt, rare, mainly tonalitic orthogneiss; Pogg, orthogneiss derived from quartz monzonite; refers to highly strained, mafic poor, Sulphur Creek orthogneiss; ?-age assignment probable, ??-age assignment assumed (alternatively could be part of DMog).
Pogt	

DMps	QUARTZ-MICA SCHIST: undivided metasedimentary rocks dominated by metapsammite, semipelite and metapelite; commonly quartz-garnet-biotite-muscovite schist possibly derived from siliceous siltstone; commonly finely interlayered with garnet metapelite; commonly contains members of micaceous quartzite; rare conglomerate; grades locally to paragneiss
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Scribner Geology Map from GSC OF4970

0m 500m 1000m 2500m  
1cm = 500m or 1:50,000

fig 4



south-eastern Yukon to south-western Alaska, and includes the Fort Knox, Dublin Gulch, Brewery Creek, Pogo and Donlin Creek deposits. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion hosted sheeted veins, large-tonnage and low-grade disseminations and stockworks, skarns and mantos, with the majority of this mineralization being intrusion related.

A recent significant surge in local exploration activity has occurred since the discovery by Underworld Resources of the Golden Saddle and Arc deposits at the White Gold Project. At Golden Saddle, intrusion-related gold mineralization is preferentially hosted within metamorphosed felsic intrusive units, as well as felsic and mafic metavolcanic rocks, with the principal host rock a granitoid that has been metamorphosed to an augen gneiss. Gold mineralization is associated with quartz veins, stockwork and breccia zones, as well as pyrite veinlets and disseminations, with better-grade gold mineralization found in proximity to ultramafic units. The alteration assemblage includes pervasive albite, carbonate, sericite and silicification. The main mineralized zone strikes to the northeast, with a gentle to moderate dip to the northwest. The generally lower grade and smaller Arc Deposit is hosted by metasedimentary rocks (quartzite), and is typified by hydrothermal breccias and silicification, with mineralization associated with arsenic, which is distinct to the Golden Saddle deposit which contains limited to no arsenic.

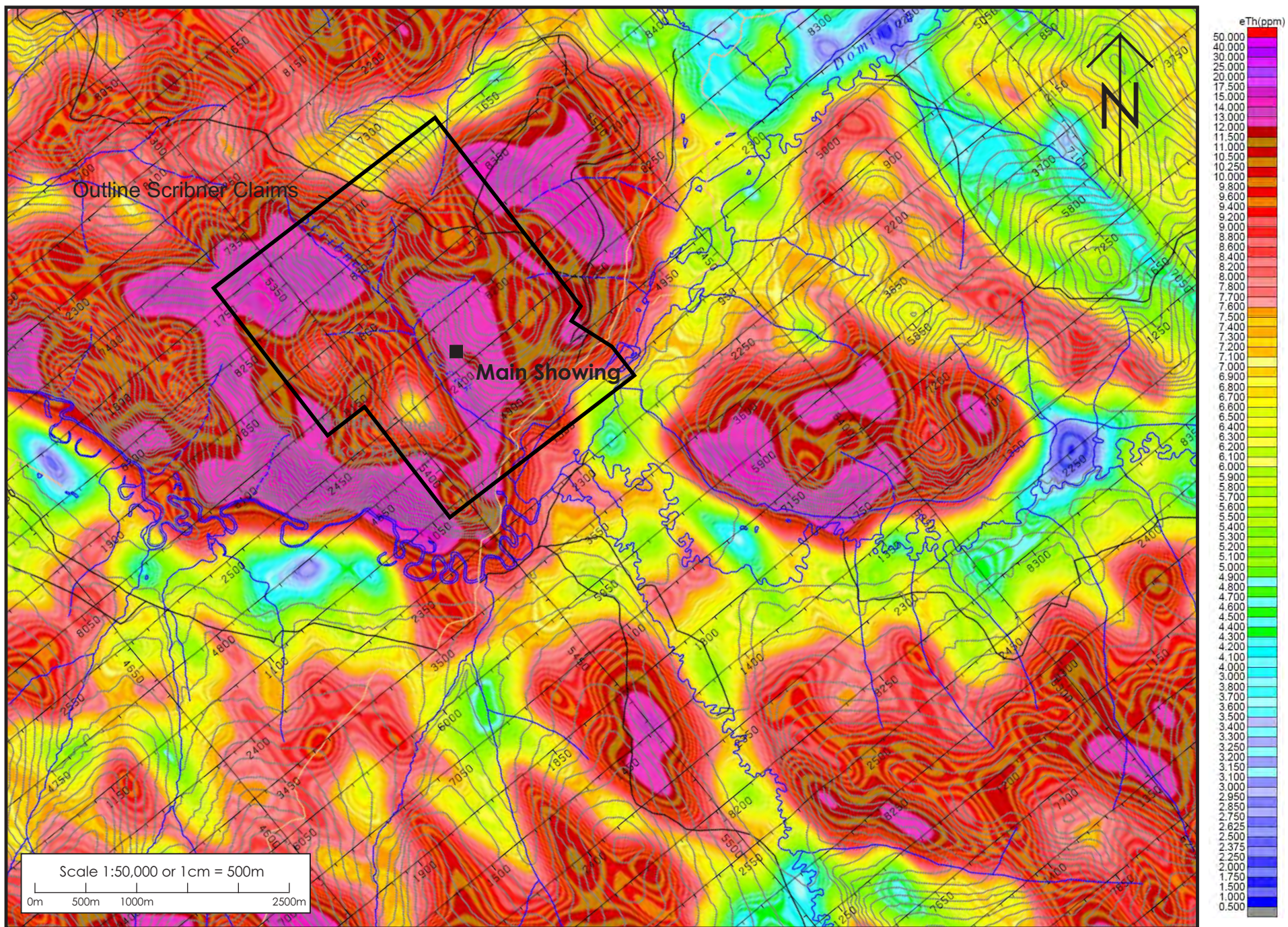
Detailed mapping by Debicki (GSC Open File 1985-1) coupled with recent age-dating results and “broad-brush” mapping by Gordey and Ryan (GSC Open File 4970) suggests that the Scribner Project is underlain by Sulphur Creek orthogneiss derived from Permian felsic plutonic rocks consisting of foliated coarse-grained granodiorite to quartz monzonite and blocky weathering grey to pink feldspar quartz schist. Foliated muscovite-feldspar-quartz “Klondike” schist +/- quartz porphyroclasts bounds the northwest trending orthogneiss unit. Field observations generally agree with regional mapping, in that the property appears to be underlain by a mixed intrusive-sedimentary sequence which has been regionally metamorphosed.

Gold values are found within sheeted mm-scale quartz vein sets, quartz cemented breccias and larger quartz veins cutting all lithologies present. Geology and mineralization styles coupled with the linear nature of soil anomalies suggests potential for a structurally controlled gold system hosted predominantly by Sulphur Creek orthogneiss. Although gold grades of up to 51.2 g/t Au have been returned from samples of schist, subsequent sampling has been unable to duplicate these isolated high values, and anomalous gold in rock values are typically in the 0.25 ppm to 5.0 ppm range. Although traces of pyrite and magnetite have been noted in rock samples, nowhere does sulphide content approach more than 0.25% and gold does not appear to be directly associated with sulphide content and strongly anomalous amounts of typical pathfinder elements do not occur.

**Geophysical Data** – During 2002 the GSC sponsored an airborne geophysical survey (Multisensor Airborne Geophysical Survey; GSC Open File 4308) which covered a large area south and west of Dawson, including the area of the Scribner Project. This work showed that the Scribner Project showings and soil anomalies are located within a strong positive thorium anomaly while magnetic data places the project within a broad northwest trending magnetic low generally correlative with the location of the felsic plutonic/orthogneiss unit as mapped by Debicki. A moderate negative thorium-potassium anomaly (eTh/K), suggestive of potassic alteration, is also associated with the showing area. Given that thorium enrichment generally does not accompany potassium during hydrothermal alteration processes, eTh/K ratios provide an excellent way to distinguish between potassic alteration and anomalous potassium related to normal lithological variations. Given that the auriferous rock samples from the main showing are commonly weakly anomalous in thorium, thorium geophysical data in relation to claim boundaries and mineralized showings has been highlighted in figure 5.



Figure 8 Thorium Map (GSC open file 4308)





**Current Work and Results** – Exploration on the Scribner Project was completed on September 3<sup>rd</sup> to 5<sup>th</sup> 2018, and consisted of prospecting and rock sampling. A total of 18 rock samples were taken from two different placer pits and along a recent road cut, all providing new bedrock exposures. Sample sites were marked in the field using flagging inscribed with the sample code, rock samples were placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by Bureau Veritas, with rocks prepped using PRP70-250 (crush, split and pulverize 250 g rock to 200 mesh) and all samples analyzed by AQ300 (1:1:1 Aqua Regia digestion with ICP-ES finish) and FA430 (Lead Collection Fire – Assay Fusion – AAS Finish).

A total of 8 rock samples were taken from near the existing placer mining camp where the placer operator has excavated a 100m in diameter pit approximately 3.0m into bedrock, exposing a strongly developed possibly northwest trending fault zone exhibiting strong shearing and variably limonitic gouge. Rock sample SCR-02 from the pit yielded 0.997 ppm Au from a weakly pyritic brecciated quartzite with quartz cement found as float rubble within the pit. Sampling of in situ gouge and fault zone material returned a maximum value of 0.008 ppm Au. The source of the gold bearing float rubble within this pit is uphill and should be followed up. Given that talus accumulations in this area are as much as 4.0m thick, mechanized trenching will likely be required to expose bedrock.

A total of 8 rock samples were taken from the second placer excavation. Two samples with weakly anomalous gold values were returned from this excavation, SCR-10 and SCR 13. SCR-10 is a 2 metre channel sample of green to white gouge yielding 0.141 ppm Au, and SCR-13 a 3 metre channel sample of a green-black-brown-beige gouge yielding 0.118 ppm Au. The fault zone within this area appears to be northwest trending and may be a continuation of the fault located in the pit by the placer mining camp.

Two rock samples were taken from along a recent road cut connecting the placer pit and the second placer excavation. Samples SCR-16 and SCR-17, both of which are described as rep grabs of quartz veins cutting quartzite with minor pyrite on vein margins yielded 219 ppb Au and 291 ppb Au respectively. These two rock samples have a source at or slightly uphill from their sampled location.

**Conclusions** – Anomalous gold values to 0.141 ppm Au have been located in a strong, likely northwest trending, fault zone while strongly anomalous gold values to 4,330 ppb Au have been returned from quartz veins and quartz breccias associated with a northwest trending gold soil anomaly with values up to 965 ppb Au. Several styles of structurally controlled mineralization occur on the property. A Class 3 Mining Land Use Permit valid to April 6<sup>th</sup>, 2023 allowing for road construction, excavator trenching and drilling has been received and will be of significant benefit to future exploration programs.

**Recommendations** – Further work is required to explore the various mineralized showings, anomalies and float samples located on the property, with a limited scale excavator trenching program recommended to follow up these targets. Should this work return sufficiently anomalous results a drill program can be considered.



612600

612800

7058200

7058000

7057800

7057600



115-O-10  
Scale: 1:2,500

SCR-09,10  
SCR-14,15,16  
SCR-12,13  
SCR-11

SCR-17

SCR-18

SCR-07  
SCR-01  
SCR-02,03,04,05  
SCR-08  
SCR-06

Scribner Sample Label Map

Rocks (Au ppm)

- 0.000 - 0.099
- 0.100 - 0.249
- 0.250 - 0.499
- 0.500 - 1.500

0 25 50 75 100 m



612600

612800

7058200

7058000

7057800

7057600



**115-O-10**  
 Scale: 1:2,500

0.006, 0.141  
 0.007, 0.118  
 0.054

0.219

0.291

0.008  
 0.082  
 0.997, 0.199, <0.005, <0.005  
 <0.005  
 <0.005

**Scribner Au Map**

Rocks (Au ppm)

- 0.000 - 0.099
- 0.100 - 0.249
- 0.250 - 0.499
- 0.500 - 1.500

0    25    50    75    100 m

### **Statement Of Qualifications**

I Bernie Kreft directed and participated in the exploration work described herein.

I have 31 years prospecting experience in the Yukon and BC.

This report is based on fieldwork directed or conducted by the author, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed September 3<sup>rd</sup> to September 5<sup>th</sup> of the 2018 field season.

This report is based on fieldwork completed on the Scribner Project

Respectfully submitted,

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Bernie Kreft



**Cost Statement – September 3<sup>rd</sup> to September 5<sup>th</sup> 2018**

Assaying 18 rocks (30g Au fire assay, 35 element icp)	=	\$530.20
Wages Bernie Kreft 1.5 man days x \$350/day	=	\$525.00
Wages Justin Kreft 1.5 man days x \$350/day	=	\$525.00
Wages Jarret Kreft 1.5 man days x \$350/day	=	\$525.00
Food, field and Camp 4.5 man days \$100/day	=	\$450.00
Truck Travel 1 round trip Whitehorse-Dawson + to property 1220km x \$0.60/km	=	\$732.00
Report Prep	=	<u>\$1,800.00</u>
TOTAL	=	\$5,087.20

### 2018 Scribner Samples

Sample	Type	Easting	Northing	Description	Wgt	Au	Mo	Cu	Pb	Ag	As	Th
SCR-01	Rock	612864	7057751	qtz brx vn tr py in qtz,bleached and sericite alt host, pit rubble	1.9	0.082	<1	1	<3	<0.3	3	4
SCR-02	Rock	612864	7057743	weakly pyritic brx qtzt with qtz cement, rubble in pit	1.25	0.997	<1	<1	<3	<0.3	3	8
SCR-03	Rock	612866	7057746	weakly pyritic qtzt cut by sheeted qtz vn set, rubble in pit	1.02	0.199	<1	2	17	<0.3	<2	14
SCR-04	Rock	612866	7057746	as above, veins are smokey	1.2	<0.005	<1	<1	<3	<0.3	<2	17
SCR-05	Rock	612870	7057744	rep grabs of vein material from pit wall	1.77	<0.005	<1	2	<3	<0.3	<2	14
SCR-06	Rock	612863	7057738	2m x 3m panel sample sheared qtzt	1.49	<0.005	<1	2	<3	<0.3	<2	20
SCR-07	Rock	612856	7057746	9m channel sample from pit wall, sheared gougey qtzt	2.31	0.008	<1	2	<3	<0.3	<2	17
SCR-08	Rock	612858	7057740	1.5m x 1.5m panel sample pit wall, sheared gougey qtzt	2.22	<0.005	2	3	6	<0.3	<2	15
SCR-09	Rock	612597	7058137	3m channel sample, sheared limonitic weakly pyritic qtzt	2.16	0.006	<1	1	<3	<0.3	2	20
SCR-10	Rock	612599	7058134	2m channel sample, green to white gouge	1.99	0.141	2	3	3	<0.3	4	18
SCR-11	Rock	612594	7058126	1m channel sample quartz boudin or vein	2.94	0.054	1	6	4	<0.3	6	12
SCR-12	Rock	612604	7058132	1m channel sample heavily sheared weakly limonitic qtzt	1.64	0.007	<1	2	3	<0.3	4	17
SCR-13	Rock	612603	7058133	3m channel sample, green-black-brown-beige gouge	2.87	0.118	2	6	82	0.6	10	18
SCR-14	Rock	612602	7058144	1m channel sheared qtz cut by qtz vns, tr py	1.86	<0.005	<1	3	6	<0.3	<2	15
SCR-15	Rock	612599	7058145	2m channel, limonitic gouge	2.11	0.01	10	13	12	<0.3	5	29
SCR-16	Rock	612595	7058148	grab bag of qtz vnd qtzt from pit face	0.65	<0.005	<1	<1	<3	<0.3	<2	15
SCR-17	Rock	612602	7058040	rep grabs of qtz vnd qtzt in road bank, py on vn margins	1.2	0.219	<1	4	4	<0.3	<2	15
SCR-18	Rock	612725	7057843	as above	1.38	0.291	<1	2	<3	<0.3	2	16



**BUREAU VERITAS** MINERAL LABORATORIES  
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**Client: Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft  
Receiving Lab: Canada-Whitehorse  
Received: September 11, 2018  
Report Date: October 22, 2018  
Page: 1 of 3

# CERTIFICATE OF ANALYSIS

WHI18000906.1

## CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 38

## 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: Kreft, Bernie  
1 Locust Place  
Whitehorse Yukon Y1A 5G9  
Canada

CC:

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	38	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	38	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	38	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	38	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	38	Per sample shipping charges for branch shipments			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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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

**Project:** None Given  
**Report Date:** October 22, 2018

**Page:** 2 of 3

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI18000906.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	
SCR-01	Rock	1.90	0.082	<1	1	<3	2	<0.3	<1	<1	74	0.61	3	4	7	<0.5	<3	<3	1	0.24	0.001
SCR-02	Rock	1.25	0.997	<1	<1	<3	2	<0.3	1	1	56	0.76	3	8	3	<0.5	<3	<3	1	0.02	<0.001
SCR-03	Rock	1.02	0.199	<1	2	17	2	<0.3	1	2	134	0.79	<2	14	3	<0.5	<3	<3	<1	0.02	0.003
SCR-04	Rock	1.20	<0.005	<1	<1	<3	5	<0.3	<1	<1	98	0.78	<2	17	4	<0.5	<3	<3	1	0.02	0.002
SCR-05	Rock	1.77	<0.005	<1	2	<3	8	<0.3	<1	<1	138	0.78	<2	14	4	<0.5	<3	<3	2	0.04	0.005
SCR-06	Rock	1.49	<0.005	<1	2	<3	10	<0.3	<1	<1	179	0.90	<2	20	5	<0.5	<3	<3	2	0.05	0.006
SCR-07	Rock	2.31	0.008	<1	2	<3	24	<0.3	2	2	219	1.29	<2	17	10	<0.5	<3	<3	8	0.12	0.014
SCR-08	Rock	2.22	<0.005	2	3	6	58	<0.3	5	10	1603	3.06	<2	15	15	<0.5	<3	<3	36	0.23	0.045
SCR-09	Rock	2.16	0.006	<1	1	<3	6	<0.3	<1	<1	108	0.91	2	20	6	<0.5	<3	<3	<1	0.06	0.002
SCR-10	Rock	1.99	0.141	2	3	3	3	<0.3	<1	<1	66	0.67	4	18	10	<0.5	<3	<3	1	0.09	0.005
SCR-11	Rock	2.94	0.054	1	6	4	19	<0.3	2	4	175	1.43	6	12	9	<0.5	<3	<3	8	0.14	0.025
SCR-12	Rock	1.64	0.007	<1	2	3	2	<0.3	<1	<1	66	0.62	4	17	5	<0.5	<3	<3	<1	0.07	0.002
SCR-13	Rock	2.87	0.118	2	6	82	11	0.6	1	3	298	1.22	10	18	7	<0.5	<3	<3	4	0.12	0.010
SCR-14	Rock	1.86	<0.005	<1	3	6	4	<0.3	<1	<1	231	0.96	<2	15	5	<0.5	<3	<3	<1	0.07	0.002
SCR-15	Rock	2.11	0.010	10	13	12	6	<0.3	2	<1	177	3.29	5	29	8	<0.5	<3	<3	5	0.13	0.006
SCR-16	Rock	0.65	<0.005	<1	<1	<3	7	<0.3	1	<1	503	0.72	<2	15	4	<0.5	<3	<3	2	0.04	0.007
SCR-17	Rock	1.20	0.219	<1	4	4	5	<0.3	<1	<1	127	1.22	<2	15	3	<0.5	<3	<3	3	0.02	0.002
SCR-18	Rock	1.38	0.291	<1	2	<3	2	<0.3	<1	<1	176	0.69	2	16	2	<0.5	<3	<3	<1	0.02	0.003



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**Project:** None Given  
**Report Date:** October 22, 2018

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**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

WHI18000906.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	0.01	2	0.05	1	5
SCR-01	Rock	14	2	0.02	1505	0.002	<20	0.46	<0.01	0.17	<2	<0.05	<1	<5	<5
SCR-02	Rock	17	2	0.03	432	0.001	<20	0.27	<0.01	0.26	<2	<0.05	<1	<5	<5
SCR-03	Rock	29	2	0.02	196	0.002	<20	0.22	0.04	0.19	<2	<0.05	<1	<5	<5
SCR-04	Rock	12	1	0.01	125	0.002	<20	0.19	0.05	0.13	<2	<0.05	<1	<5	<5
SCR-05	Rock	30	3	0.02	98	0.003	<20	0.31	0.03	0.10	<2	<0.05	<1	<5	<5
SCR-06	Rock	40	2	0.03	138	0.003	<20	0.40	0.02	0.18	<2	<0.05	<1	<5	<5
SCR-07	Rock	72	6	0.12	148	0.006	<20	0.66	0.02	0.23	<2	<0.05	<1	<5	<5
SCR-08	Rock	65	13	0.28	525	0.011	<20	0.98	<0.01	0.37	<2	<0.05	<1	<5	<5
SCR-09	Rock	29	2	0.04	271	0.001	<20	0.43	0.03	0.23	<2	<0.05	<1	<5	<5
SCR-10	Rock	31	2	0.05	257	<0.001	<20	0.49	<0.01	0.36	<2	<0.05	<1	<5	<5
SCR-11	Rock	43	5	0.07	259	<0.001	<20	0.69	<0.01	0.30	<2	<0.05	<1	<5	<5
SCR-12	Rock	32	1	0.03	195	<0.001	<20	0.43	<0.01	0.33	<2	<0.05	<1	<5	<5
SCR-13	Rock	36	2	0.09	200	0.002	<20	0.57	<0.01	0.32	<2	<0.05	<1	<5	<5
SCR-14	Rock	38	1	0.04	163	0.001	<20	0.35	0.02	0.20	<2	<0.05	<1	<5	<5
SCR-15	Rock	53	6	0.06	112	0.003	<20	0.67	0.04	0.16	<2	<0.05	<1	<5	<5
SCR-16	Rock	17	3	0.05	172	0.006	<20	0.27	0.04	0.15	<2	<0.05	<1	<5	<5
SCR-17	Rock	28	1	0.02	123	0.004	<20	0.23	0.04	0.14	<2	<0.05	<1	<5	<5
SCR-18	Rock	15	2	0.01	140	0.002	<20	0.18	0.04	0.16	<2	<0.05	<1	<5	<5



# QUALITY CONTROL REPORT

WHI18000906.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	
Pulp Duplicates																					
BGRR-04	Rock	0.67	0.009	1	85	<3	76	<0.3	17	25	2044	6.06	2	<2	27	<0.5	<3	<3	47	4.41	0.032
REP BGRR-04	QC			1	84	<3	76	0.3	17	25	2040	6.04	2	<2	26	<0.5	<3	<3	47	4.23	0.033
XLR-02	Rock	0.15	0.009	148	18	356	14	0.8	3	2	135	6.89	950	7	142	<0.5	42	<3	111	0.02	0.152
REP XLR-02	QC		0.009																		
XLR-10	Rock	1.62	0.014	4	26	<3	29	0.4	6	<1	108	1.30	92	3	9	<0.5	<3	<3	15	0.01	0.040
REP XLR-10	QC			4	26	<3	28	0.4	6	<1	104	1.27	90	2	9	<0.5	<3	<3	15	0.01	0.039
Core Reject Duplicates																					
SCR-12	Rock	1.64	0.007	<1	2	3	2	<0.3	<1	<1	66	0.62	4	17	5	<0.5	<3	<3	<1	0.07	0.002
DUP SCR-12	QC		0.008	1	2	<3	3	<0.3	<1	<1	77	0.67	5	17	5	<0.5	<3	<3	<1	0.08	0.002
Reference Materials																					
STD DS11	Standard			14	150	139	355	2.3	79	13	1031	3.17	45	8	66	2.5	6	12	51	0.98	0.071
STD DS11	Standard			13	148	135	344	1.7	79	13	993	3.09	43	8	62	2.1	7	14	49	0.99	0.071
STD OREAS45EA	Standard			2	695	13	31	0.5	372	49	416	22.47	11	10	4	<0.5	<3	<3	304	0.03	0.031
STD OREAS45EA	Standard			2	708	15	32	0.5	380	50	429	21.67	11	12	4	<0.5	<3	<3	312	0.03	0.031
STD OXC145	Standard		0.209																		
STD OXH139	Standard		1.263																		
STD OXN134	Standard		7.563																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	22.65	11	10.7	4.05				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	9	<3	62	<0.3	2	4	570	1.98	<2	4	28	<0.5	<3	<3	29	0.76	0.039



# QUALITY CONTROL REPORT

WHI18000906.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
BGRR-04	Rock	4	9	0.59	93	<0.001	<20	1.11	0.05	0.07	<2	<0.05	<1	<5	<5	11
REP BGRR-04	QC	5	10	0.59	91	<0.001	<20	1.10	0.05	0.07	<2	<0.05	<1	<5	<5	11
XLR-02	Rock	17	17	0.02	483	0.005	<20	0.18	<0.01	0.52	<2	0.84	<1	<5	<5	<5
REP XLR-02	QC															
XLR-10	Rock	5	5	0.14	78	<0.001	<20	0.38	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
REP XLR-10	QC	4	6	0.13	74	<0.001	<20	0.37	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
Core Reject Duplicates																
SCR-12	Rock	32	1	0.03	195	<0.001	<20	0.43	<0.01	0.33	<2	<0.05	<1	<5	<5	<5
DUP SCR-12	QC	33	2	0.03	198	<0.001	<20	0.46	<0.01	0.35	<2	<0.05	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	18	63	0.84	427	0.090	<20	1.15	0.07	0.41	<2	0.26	<1	5	<5	<5
STD DS11	Standard	16	59	0.82	383	0.083	<20	1.08	0.07	0.39	3	0.29	<1	5	<5	<5
STD OREAS45EA	Standard	8	891	0.09	147	0.097	<20	3.27	0.02	0.06	<2	<0.05	<1	<5	<5	85
STD OREAS45EA	Standard	8	917	0.10	149	0.098	<20	3.15	0.02	0.06	<2	<0.05	<1	<5	15	87
STD OXC145	Standard															
STD OXH139	Standard															
STD OXN134	Standard															
STD OXN134 Expected																
STD OXC145 Expected																
STD OXH139 Expected																
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.32	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
ROCK-WHI	Prep Blank	6	4	0.55	54	0.082	<20	1.05	0.07	0.09	<2	<0.05	<1	<5	<5	<5





**BUREAU VERITAS** MINERAL LABORATORIES  
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Project: None Given  
Report Date: October 22, 2018

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# QUALITY CONTROL REPORT

WHI18000906.1

WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	
ROCK-WHI	Prep Blank	<0.005	<1	2	<3	29	<0.3	<1	3	485	1.75	<2	3	22	<0.5	<3	<3	23	0.64	0.039

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.



**BUREAU VERITAS** MINERAL LABORATORIES  
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**Client:** **Kreft, Bernie**  
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Project: None Given  
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# QUALITY CONTROL REPORT

WHI18000906.1

	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
ROCK-WHI	6	2	0.40	57	0.077	<20	0.86	0.07	0.10	<2	<0.05	<1	<5	<5	<5
Prep Blank															