

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: SOIL SAMPLING

TOTAL COST: \$4,550.00

AUTHOR(S): LEE LORENZEN

SIGNATURE(S): LEE LORENZEN

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2019

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5772775

PROPERTY NAME: SILVER KING GROUP

CLAIM NAME(S) (on which the work was done): SK, SK2, HANNAH, BONANZA

COMMODITIES SOUGHT: GOLD, SILVER

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082FSW172, 082FSW174, 082FSW175, 082FSW276

MINING DIVISION: NELSON

NTS/BCGS: 082/6W

LATITUDE: 49 ° 27 ' " LONGITUDE: 117 ° 22 ' " (at centre of work)

OWNER(S):

1) LEE LORENZEN 2)

MAILING ADDRESS:

BOX 781 MANNING AB

TOH2M0

OPERATOR(S) [who paid for the work]:

1) 2)

MAILING ADDRESS:

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

Strat Unit: EJSK - Strat Name: Silver King Intrusions - Strat Age: Early Jurassic - Rock Type: Feldspar Porphyritic Rocks

Strat Unit: 1JRE - Start Name: Rossland Group, Elise Formation - Strat Age: Lower Jurassic - Rock Type: Basaltic Volcanic Rock

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

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	80 SOIL SAMPLES	SK, SK2, UNNAMED	\$4,550.00
Silt	_____		
Rock	_____		
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:	\$4,550.00

ASSESSMENT REPORT
On
SOIL SAMPLING SURVEY
SILVER KING CLAIM GROUP

Tenure

(SK – 1056115)
(SK2 – 1057685)
(1056116)

Toad Mountain Area
Nelson Mining Division

NTS 82F/6W

UTM 478522E 5452966N

Lat 49° 27' N / Long 117° 22' E

By: Lee Lorenzen, Owner

May 2020

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1.00 INTRODUCTION

Between July 23rd and July 26th, 2019 a three-person team consisting of Shane Smith, of Can-West Exploration Services Ltd., Bruce Lorenzen and Lee Lorenzen conducted a soil sampling grid on the Northern, Southern and South Western area of the Silver King Claim Group boundary in South East Central British Columbia. The property consists of eight (8) mineral tenures, which combined covers approximately 504 hectares of land on NTS map sheet 82F/6W. The three mineral tenures where the soil sampling grids were conducted are situated approximately 4.5 Km South Southwest of the City of Nelson and approximately 50 Km North of the Nelway, Canada/USA border crossing.

76 soil sample locations were recorded from 6 inches deep within the B horizon, at a distance of 25 meters apart and will be taken to a Lab at a later date for assaying.

It is understood that this report may be required for material disclosure. This report is supplemented by published and available studies that document bedrock mapping and geological fieldwork conducted by the Geological Survey Branch of the provincial British Columbia Ministry of Energy, Mines & Petroleum Resources.

1.10 Location and Access

The Silver King Claim group is located in the Toad Mountain and Giveout area approximately 4.5 Km South Southwest of the City of Nelson and 50 Km North of the International Border between Canada and the United States, along the BC/Washington boundary (Figure 1).

Access to the property is provided by a series of active logging roads. Access to the property is by the Giveout Creek mainline logging road off the Nelson-Salmo highway approximately 4 km south of Nelson, or by forestry road from Highway #3A, 8 km west of Nelson.

The property is located within the Nelson Mining District with two supply centres and a smelter located within 50 km. A skilled workforce is readily available and water for exploration is plentiful.

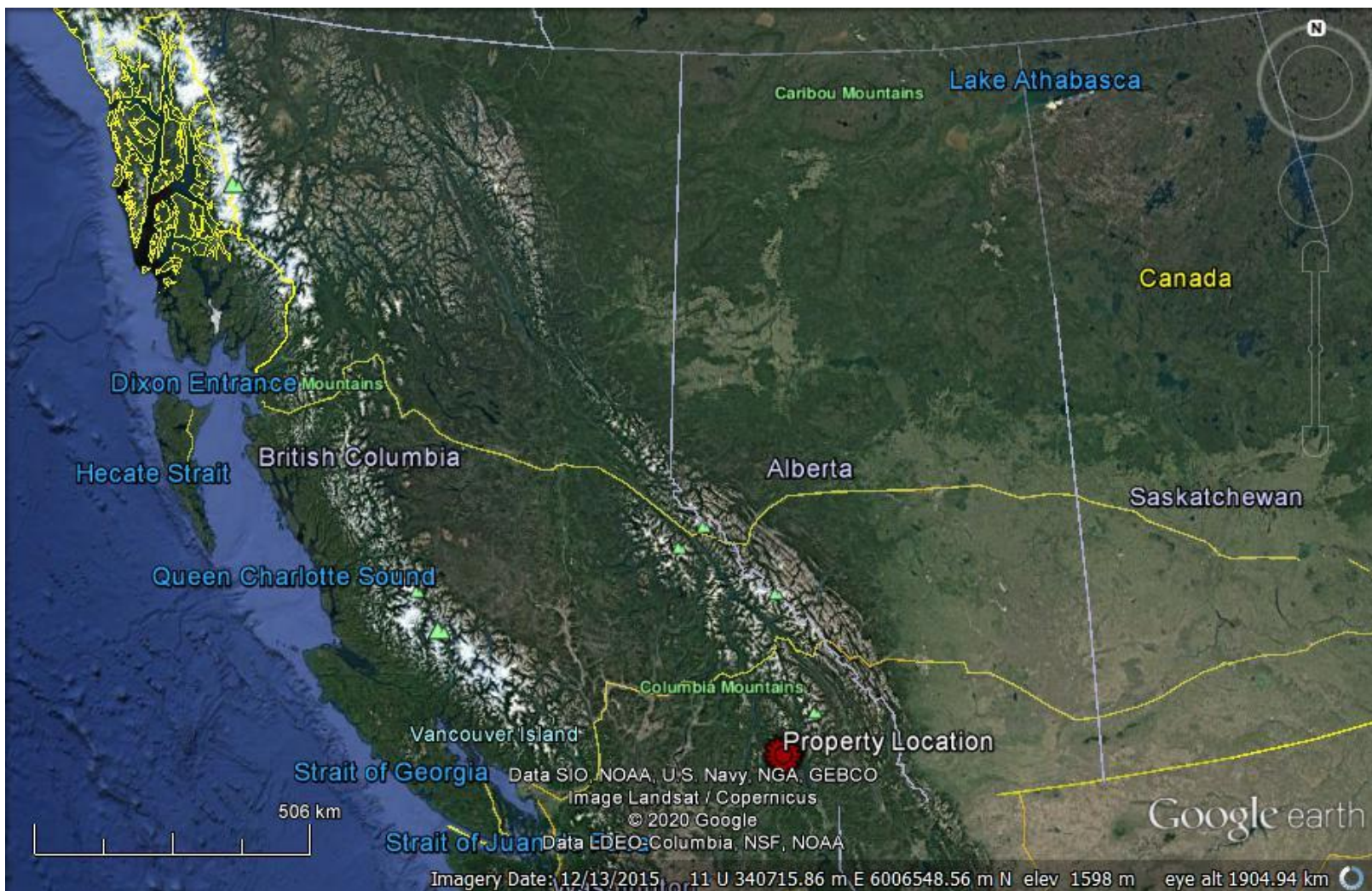


Figure 1 – Silver King Group Location Map.

1.20 Property

The mineral claims are part of the Silver King Claim Group which consists of eight (8) mineral tenures owned by Lee Lorenzen and covers an area of approximately 504 Ha within the Nelson Mining District. See Appendix B for complete list of mineral tenures. (Figure 2)

1.30 Physiography

The topography in the project area is moderately steep, with elevations ranging from 600 to 2,000 metres. The central and western portions of the project area form a plateau, hidden from Nelson by Morning Mountain. The upper slopes of the property are covered by glacial clays and sands, which reach a thickness of to 6 metres on ridges and up to 12 metres in valleys and on side hills. Mature, second growth larch, douglas fir, hemlock, western red and white cedar cover much of the property.

1.40 History of Previous Exploration

The Silver King claim group is situated in the historic Nelson Mining Camp which has been prospected since before the turn of the century. This camp is known to host a variety of mineral deposits including gold-bearing quartz veins, silver-copper-lead lodes and veins, disseminated shear-hosted gold replacements, and porphyry copper-gold deposits. The SK2 - 1057685 tenure hosts a number of former workings and producers dating back to the late 1800's. There are historical workings located in the north portion of the property on 1056116, where two adits were developed to access a northwesterly trending vein system hosted in the Bonnington Complex zoned diorite to syenite stock. Production from the 1056116 workings during the 1930's was 9,900 tons of copper-gold-silver ore, which yielded 617 oz gold, 36,160 oz silver and 350,911 lbs of copper (Dasler, 1987). Production records and stope plans indicate that low grade gold (0.02 to 0.05 oz Au/ton) and copper values occur over significant widths in the host rock. This target area has not been explored since the 1930's.

[Minfile 082FSW276 – North Star \(L.4149\)](#)

[Minfile 082FSW172 – Great Eastern \(L.4152\)](#)

[Minfile 082FSW174 - Starlight \(L.684\)](#)

[Minfile 082FSW175 – Daylight \(L.907\)](#)

Links are active as of May 2020

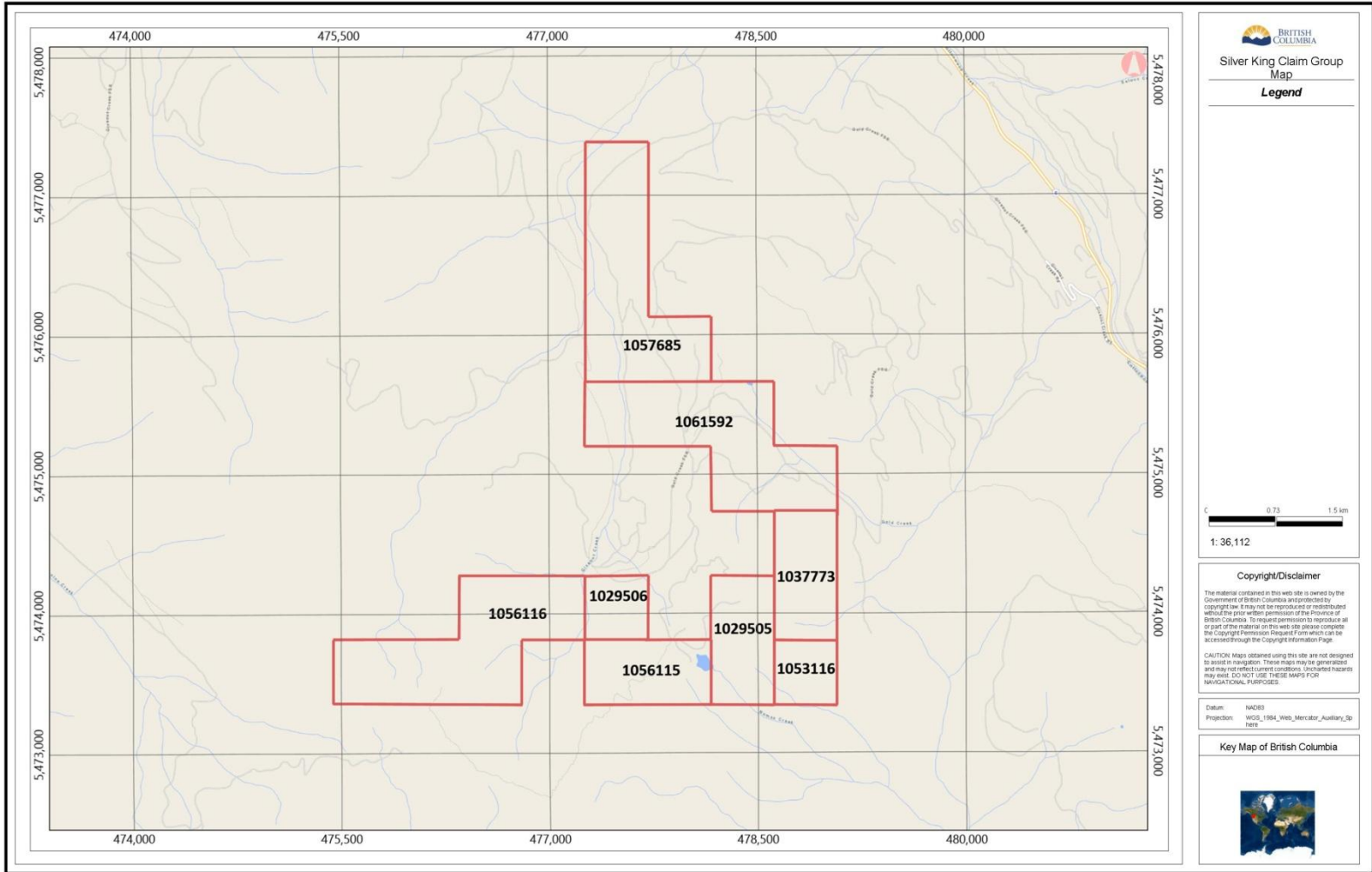


Figure 2 – Silver King Group Claim Map.

1.50 Purpose of Work

From July 23rd through July 26th, 2019 property owner Lee Lorenzen and Shane Smith along with Bruce Lorenzen conducted soil sample grids on the SK – 1056115, SK2 – 1057685 and the 1056116 mineral tenures and collected 80 soil samples which were recovered from 6 inches deep within the B horizon, at an average distance of 25 meters apart. Samples were not taken from any roadways or rock slide slopes. The samples will be taken to a Lab at a later date for assaying.

2.00 Geology

The region southwest of Nelson, B.C. is underlain by Lower Jurassic Rossland Group andesite flows, agglomerates and tuffs. This Jurassic sequence of alkaline, sub-aerial intermediate volcanic rocks is intruded by a) numerous small stocks that are probably correlative with the middle Jurassic Nelson Batholith, by Tertiary rhyolite and lamprophyre dykes, by Eocene Coryell alkalic intrusions, and by Jurassic Bonnington Complex.

The central portion of the claim group is underlain by brecciated flows, tuffs and minor epiclastic deposits described by Hoy (1989) as part of the basal Elsie formation of the Jurassic-aged Rossland Group volcanics (Figure 3). In the claim region, the Rossland volcanics are cut by a one kilometre wide northwest-trending zone of intense shearing. This major tectonic and mineralizing structure, named the Silver King Shear system, has intensely altered the flows and tuffs in the claim region to chlorite, pyrite, iron-carbonate schists. According to T. Hoy (pers. comm., 1989), the timing of the intense deformation associated with the Silver King Shear is bracketed by the intrusion of the Nelson Batholith at 165 Ma and a nearby post- tectonic intrusion at 185 Ma. Disseminated pyrite is ubiquitous within this zone of shearing, with auriferous quartz veins and quartz-carbonate stockworks occurring throughout this major ductile shear. In addition, wide zones of disseminated shear- hosted gold mineralization have been discovered within the Silver King Shear System on the property.

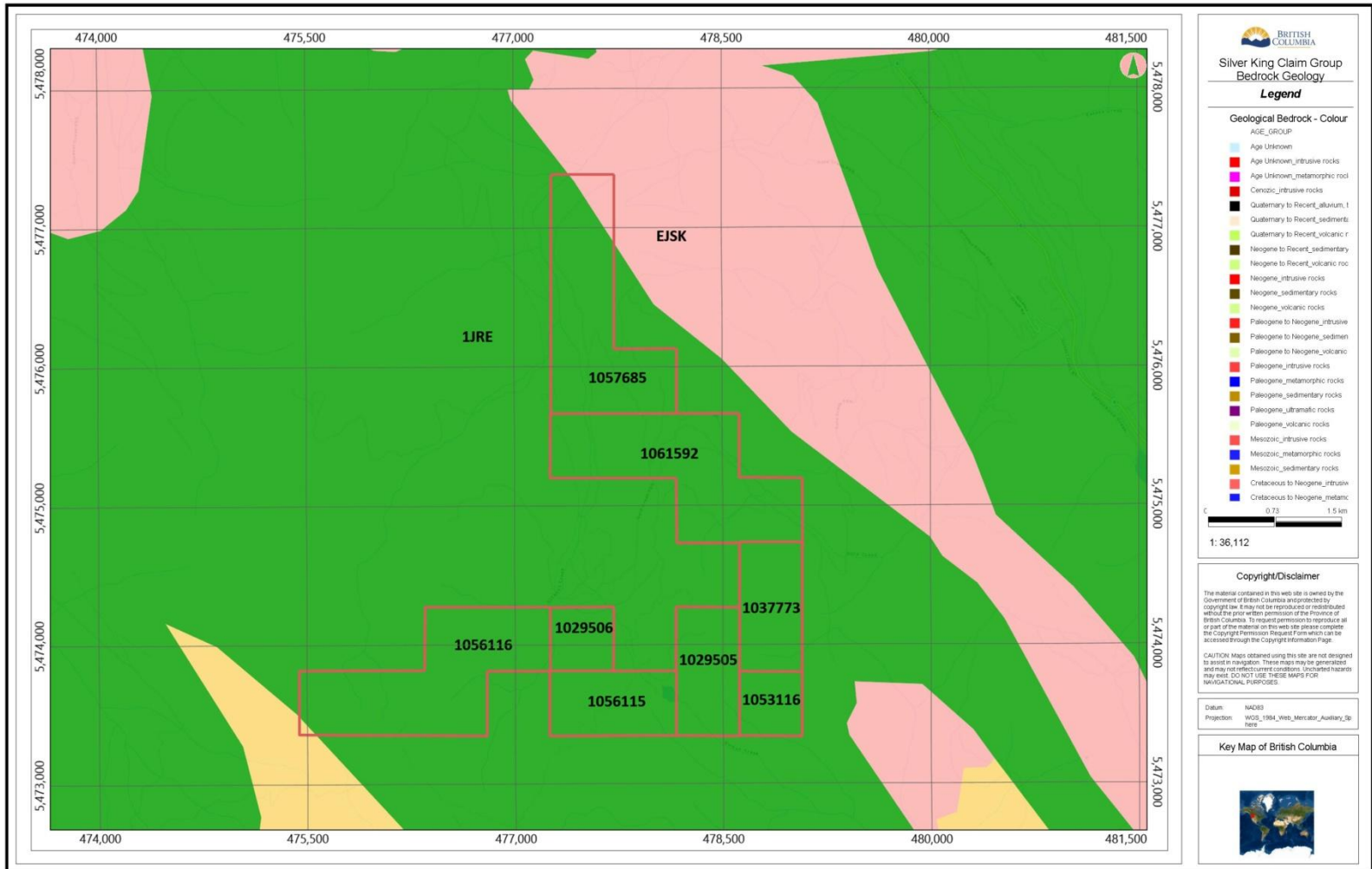


Figure 3 – Regional Bedrock Geology Map.

Strat Unit: IJRE – Strat Name: Rossland Group, Elise Formation – Strat Age: Lower Jurassic –
 Rock Type: Basaltic volcanic rocks – UPID: d1810b0a

Strat Unit: EJSK – Strat Name: Silver King Intrusions – Strat Age: Early Jurassic –
 Rock Type: Feldspar porphyritic rocks – UPID: acccfed4

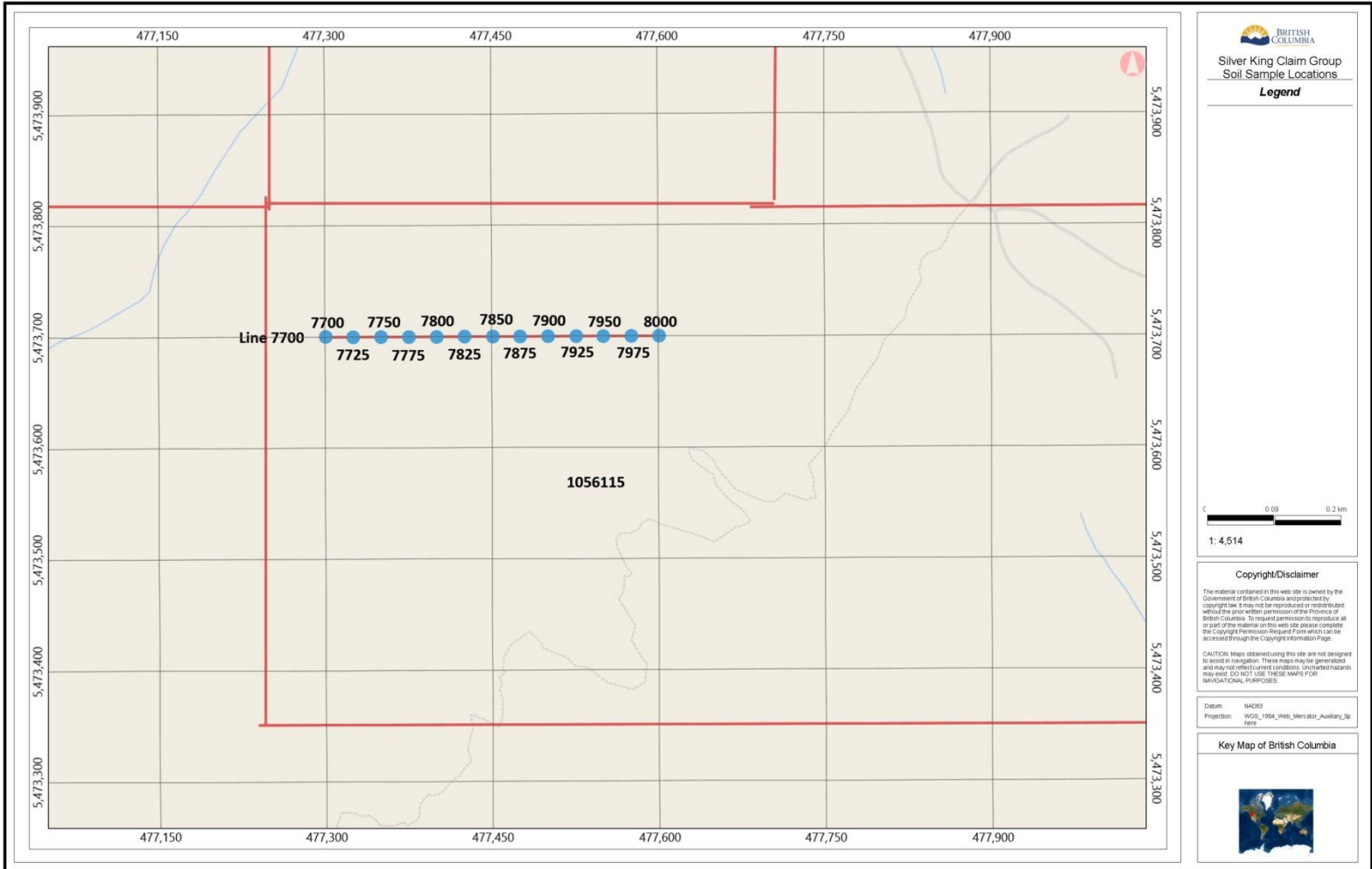


Figure 4 – Soil Sample Locations Map - 1056115

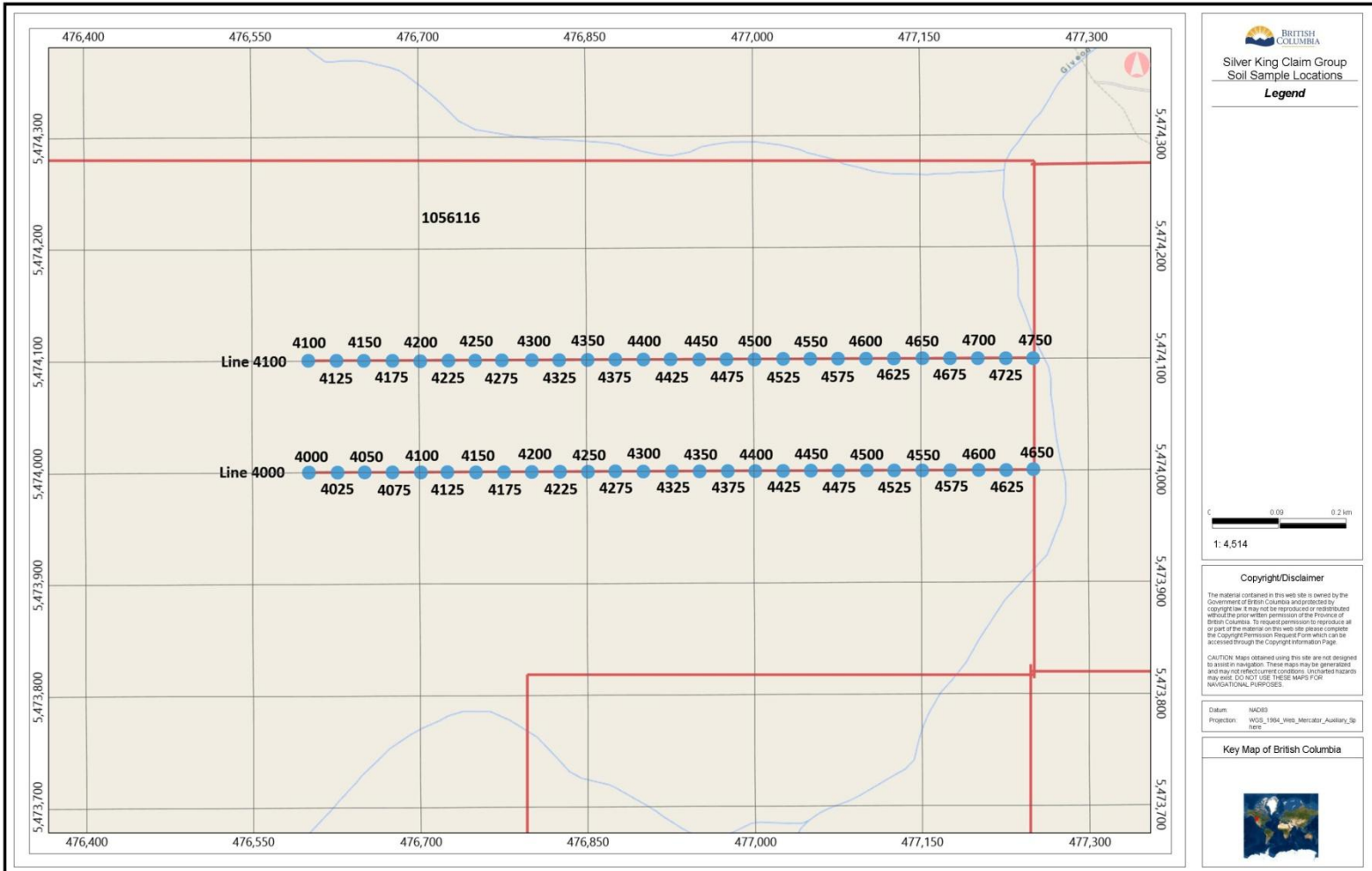


Figure 4 – Soil Sample Locations Map – 1056116

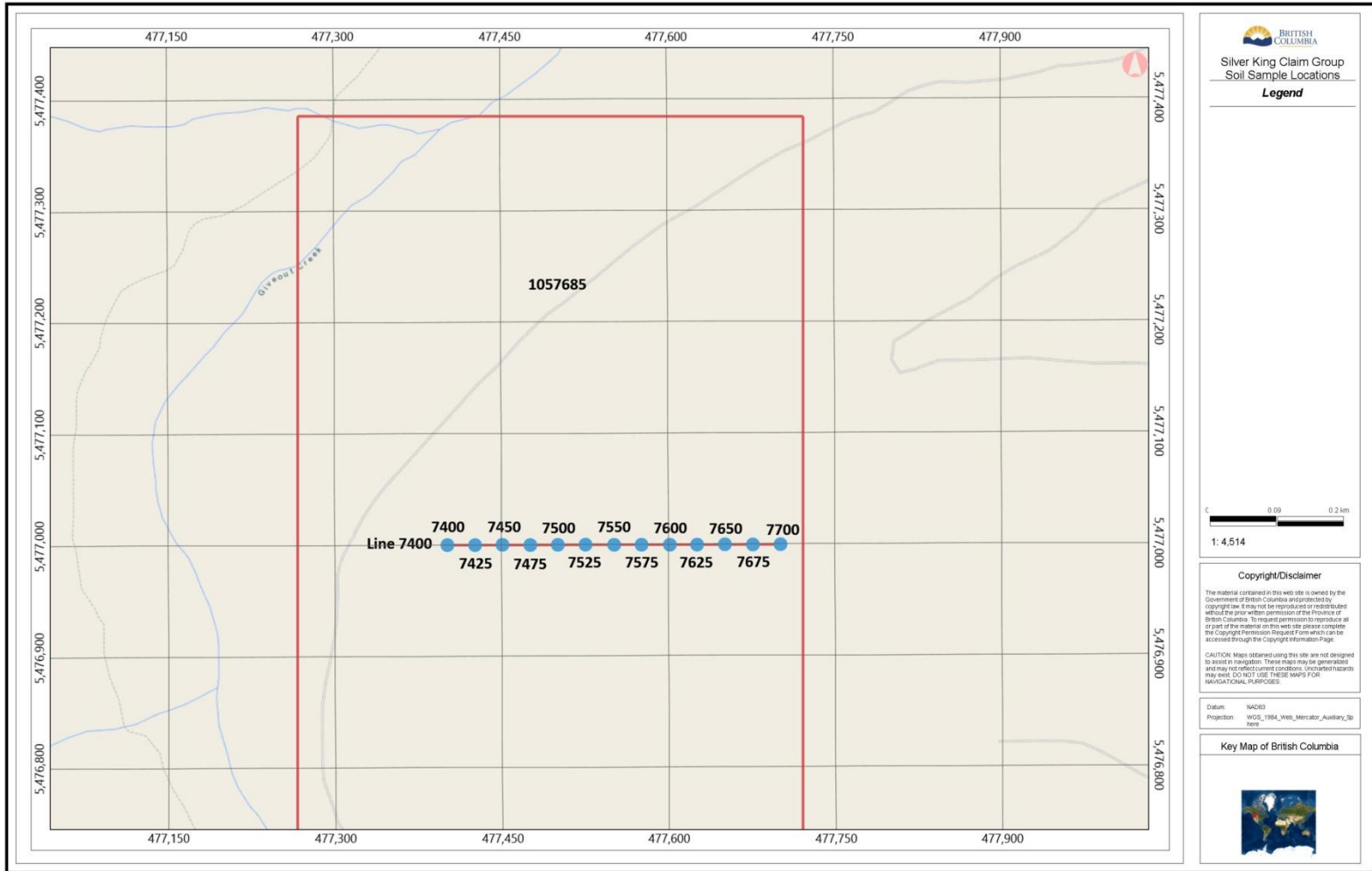


Figure 4 – Soil Sample Locations Map – 1057685

3.0 Conclusions and Recommendations

Once the samples have been assayed and the results obtained, a study of the historical data should be conducted in order to ascertain any correlations in mineral values and trends.

The Silver King claim group exhibits a great potential for continued mineralization and it is recommended that the following program be put into place for the upcoming season:

- Airborne geophysical survey with emphasis on IP over the entire property with particular detail over the already soil sampled areas.
- Mapping and prospecting throughout the property.
- A drill program to better understand the subsurface nature and extent of the existing Meadow Vein.
- Additional sampling of rock and soil, as well as further drilling to continue (and prove) historical data is encouraged.

4.0 Statement of Expenditures – 2019 Program

Exploration Work type	Comment	Days		
Personnel	Field Days	Days	Rate	Subtotal
Lee Lorenzen	July 23 rd – 26 th	3	\$400.00	\$1,200.00
Bruce Lorenzen	July 23 rd – 25 th	2	\$350.00	\$700.00
Shane Smith	July 23 rd – 25 th	2	\$350.00	\$700.00
				\$2,600.00
Office Studies				
Report preparation		1.5	\$335.00	\$502.00
				\$502.00
Transportation				
Truck rentals	2 Trucks	2	\$120.00	\$240.00
ATVs	2 ATVs	2	\$110.00	\$220.00
				\$460.00
Accommodations & Food				
Hotel	3 Rooms	2	\$125.00	\$480.00
Meals	3 Persons	2	\$55.00	\$330.00
				\$810.00
Equipment				
Chainsaw	1 Saw	1	\$50.00	\$50.00
Misc Supplies		2	\$64.00	\$128.00
				\$178.00
Total Expenditures				\$4,550.00

5.0 Author's Qualifications

I Lee Lorenzen as author of the report do hereby certify that:

1. I am the owner of the mineral claims referred to in the report where the work was completed.
2. I have been actively involved in mining and prospecting for 4 years.

Lee Lorenzen
Owner

**Property Soil Sampling Locations – Appendix A
2019 GPS Sample Locations UTM Zone 11**

Sample #	Easting	Northing
L7400	477400E	5477000N
L7425	477425E	5477000N
L7450	477450E	5477000N
L7475	477475E	5477000N
L7500	477500E	5477000N
L7525	477525E	5477000N
L7550	477550E	5477000N
L7575	477575E	5477000N
L7600	477600E	5477000N
L7625	477625E	5477000N
L7650	477650E	5477000N
L7675	477675E	5477000N
L7700	477700E	5477000N

Tenure – 1056115

Sample #	Easting	Northing
L4000	476600E	5474000N
L4025	476625E	5474000N
L4050	476650E	5474000N
L4075	476675E	5474000N
L4100	476700E	5474000N
L4125	476725E	5474000N
L4150	476750E	5474000N
L4175	476775E	5474000N
L4200	476800E	5474000N
L4225	476825E	5474000N
L4250	476850E	5474000N
L4275	476875E	5474000N
L4300	476900E	5474000N
L4325	476925E	5474000N
L4350	476950E	5474000N
L4375	476975E	5474000N
L4400	477000E	5474000N
L4425	477025E	5474000N
L4450	477050E	5474000N
L4475	477075E	5474000N
L4500	477100E	5474000N
L4525	477125E	5474000N
L4550	477150E	5474000N
L4575	477175E	5474000N
L4600	477200E	5474000N
L4625	477225E	5474000N
L4650	477250E	5474000N

Tenure - 1056116

Sample #	Easting	Northing
L4100	476600E	5474100N
L4125	476625E	5474100N
L4150	476650E	5474100N
L4175	476675E	5474100N
L4200	476700E	5474100N
L4225	476725E	5474100N
L4250	476750E	5474100N
L4275	476775E	5474100N
L4300	476800E	5474100N
L4325	476825E	5474100N
L4350	476850E	5474100N
L4375	476875E	5474100N
L4400	476900E	5474100N
L4425	476925E	5474100N
L4450	476950E	5474100N
L4475	476975E	5474100N
L4500	477000E	5474100N
L4525	477025E	5474100N
L4550	477050E	5474100N
L4575	477075E	5474100N
L4600	477100E	5474100N
L4625	477125E	5474100N
L4650	477150E	5474100N
L4675	477175E	5474100N
L4700	477200E	5474100N
L4725	477225E	5474100N
L4750	477250E	5474100N

Tenure – 1056116

Sample #	Easting	Northing
L7400	477400E	5477000N
L7425	477425E	5477000N
L7450	477450E	5477000N
L7475	477475E	5477000N
L7500	477500E	5477000N
L7525	477525E	5477000N
L7550	477550E	5477000N
L7575	477575E	5477000N
L7600	477600E	5477000N
L7625	477625E	5477000N
L7650	477650E	5477000N
L7675	477675E	5477000N
L7700	477700E	5477000N

Tenure – 1057685

Appendix B – List of Mineral Tenures and Status (as of January 2020)

<u>Title Number</u>	<u>Claim Name</u>	<u>Owner</u>	<u>Title Type</u>	<u>Title Sub Type</u>	<u>Map Number</u>	<u>Issue Date</u>	<u>Good To Date</u>	<u>Status</u>	<u>Area (ha)</u>
1029505		282805 100%	Mineral	Claim	082F	2014/JUL/09	2022/FEB/28	GOOD	42.03
1029506		282805 100%	Mineral	Claim	082F	2014/JUL/09	2022/FEB/28	GOOD	21.01
1037773	SK Bonanza	282805 100%	Mineral	Claim	082F	2014/JUL/09	2022/JUL/09	GOOD	42.03
1056115	SK	282805 100%	Mineral	Claim	082F	2017/NOV/06	2021/JUL/09	PROTECTED	42.03
1056116	SK2	282805 100%	Mineral	Claim	082F	2017/NOV/06	2021/JUL/09	PROTECTED	105.08
1056113	HANNAH	282805 100%	Mineral	Claim	082F	2017/NOV/06	2021/JUL/09	PROTECTED	21.02
1057685		282805 100%	Mineral	Claim	082F	2018/JAN/16	2021/JUL/09	PROTECTED	126.03
1061592		282805 100%	Mineral	Claim	082F	2018/JUL/06	2021/JUL/09	PROTECTED	105.05