



Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: 3080.00

AUTHOR(S): Justin Deveault SIGNATURE(S): Justin Deveault

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2017

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

PROPERTY NAME: New Yreka Gold

CLAIM NAME(S) (on which the work was done): New Yreka Gold

COMMODITIES SOUGHT: Gold, Silver, Copper, Zinc

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Victoria NTS/BCGS: 092B 082

LATITUDE: 48 ° 50 '37.5 " LONGITUDE: 123 ° 39 '27.5 " (at centre of work)

OWNER(S):
1) Justin Deveault 2)

MAILING ADDRESS:
6019 Cassino Road
Duncan, BC V9L 4G5

OPERATOR(S) [who paid for the work]:
1) 911 Mining Co 2)

MAILING ADDRESS:
6019 Cassino Road
Duncan, BC V9L 4G5

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

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	28 Photos	New Yreka Gold	
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	153.7Kg Samples Catalogued	New Yreka Gold	
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area) Entire Claim			
		New Yreka Gold	
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:			3080.00

ASSESSMENT REPORT

ON

PROSPECTING

Owners - Operator

*Justin Deveault FMC#277308
911 Mining Co.
6019 Casino Road
Duncan BC V9L 4G5*

NEW YREKA GOLD MINERAL CLAIM

*Tenure Number: 1048927
Tenure Size: 85.04 Hectares*

*Mount Richards, North Cowichan, B.C.
Victoria Mining Division*

*Latitude 48 50 37.5 - Longitude 123 39 27.5
BCGS: 92B082*

Information for this report compiled and written by:

*Justin Deveault
FMC#277308*

Work Completed On:

October 17th, 18th, January 9th, 12th, March 2nd, 4th 20th

Date Written:

June 5th 2017



Hayden Mineral Tenure

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***Property Name:
New Yreka Gold***

Tenure Location

This tenure is located in the Victoria Mining District, on the eastern flank of Mount Richards approximately 2 kilometers from the small town of Crofton. The property covers several old workings including the old Yreka shaft, Cornucopia adit, and Duke of York shaft. Access to the claim area is via a foot trail at the end of Escarpment Way. The bulk of the property can be fully accessed from here.

Alternate access to the claim is from Osbourne Bay Road. A gated gravel road maintained by North Cowichan which grants access to the claim. As the gate, may be closed anytime vehicle access is limited and an on-foot approach is best. The second half of the property is within a few hundred meters of the gate.

Reason For Tenure Staking

This tenure was staked to evaluate any of the mineral potential of the old workings, including tailings piles and to locate new showings. Future technical assessment programs of the property will be done based on what was found.

General Geology

A regional silicified and pyritized fracture zone can be traced by widely separated, mineralized outcrops, from Mount Richards on the east through the Twin J Mines on Mount Sicker to Mount Brenton on the west, a total of 13 kilometers.

The Mount Richards claim area is underlain with Sicker Volcanics and tuffs of the Pennsylvanian age. These are intruded by porphyry and gabbro-diorite. Most of the property contains trachyte with hornblende and epidote, and quartz feldspar porphyry there is some olivine and olivine-quartz nodules ranging from under 1 centimeter and up to 30 centimeters. Most of the rock seen is fine or very fine grained, with the color being light and dark green. Quartz in veins is abundant in certain areas of the property and sparse in others, the quartz is generally milky in color.

A good geology map of Mount Richards area is the preliminary map 40, Geology Of The Mount Richards Area, Vancouver Island, BC. This map is done by G.E.P Eastwood.

Terrain & Weather

The claim area ranges in elevation from 100 to 280 meters. Navigating through the terrain can be moderately difficult to extreme were over growth is dense, however some trails give access to most of the property and to some of the old workings.

Vegetation is present in 75 percent of the claim; the rest of the claim is rock outcrop. Trees and thick brush cover the vegetated areas making exploring off trails moderately difficult.

The temperature ranges year-round can be as low as -10 degrees in the winter and up to 35 degrees Celsius in the summer months. Most portions of the work took place in the late winter and early spring months, rain was present nearly 75 percent of the visits on several occasions we saw snow.

Historical Information

General Mount Sicker Mining History

Massive sulphides were discovered on Mount Sicker in the late 1800's and production started from three separate underground mines Lenora, Tye and Richard III for several years. These mines were later held as one operating mine, the Twin J mine. Over 350,000 tonnes of ore was mined from these three main mines. Countless old shafts and adits can be found on the Mount Sicker area.

General Mount Richards Mining History

The Mount Richards area has countless shafts, adits, pits, trenches and showings. The earliest mining history recorded is at the turn of the century. The old Ironclad, Yreka, Cornucopia, Lucky Strike, Jane workings are of note, these and others have been staked and explored by individuals and companies on and off for the last few decades. Most of the workings were mined in the early 1900's around the same time mining to place on Mount Sicker.

General Exploration & Prospecting Work Completed

The property has been largely unexplored in recent years except for mining done at the turn of the century, and prospecting in the late 1950's-1980's, if incorrect than any exploration in the claim area has been poorly recorded. The purpose of staking the claim was to evaluate any mineral potential left in the old workings, tailings as well as loosely prospect for new showings that show any possible potential.

Duke Of York Shaft (N 48 50 25.1 – W 123 39 4.0)

The Duke of York shaft lies approximately 250-300 meters away from the end of the road Escarpment Way and about 300-400 meters away from the minfile location of the Yreka workings.

No exact date recorded of when the Duke of York shaft was mined out could be found but is believed this was done around 1900-1903. The tonnage that was extracted could not be determined.

Several days were expelled searching through tailings as well as finding decent samples on the shaft walls. In total 50 kilograms was removed primarily from the old dump.

The only notable mineralization around the Duke Of York Shaft can be viewed in the shaft and tailings pile. Approximately 10 meters of this shaft is currently accessible. Due to thick planks, rocks,

dirt and debris blocking from entering deeper. The shaft entrance measures approximately 5 meters wide at the entrance and tapers down to about 3.5 meters, where there is a small 3-meter cross cut into the side of the shaft wall. The depth of the shaft is proposed to be 43 meters. This couldn't be determined as only 10 meters is accessible. The bottom accessible portion of the shaft has thick beams braced across the sides and floor, with the center filled with debris and leaves which appear to be well over a meter thick. Removing these may give a better idea of what is below. During the late winter season, this shaft filled with water in a matter of 2 weeks so further work assessing the shaft could not be done.

Several malachite stained samples were taken from quartz veins in the shaft wall and one from the small cuts sidewall following a thick quartz vein, this was taken over a length of 60 centimeters. Chalcopyrite and pyrite mineralization is abundant in the tailings and in small portions of the shaft walls. Our hope is that there are similar orebodies on the claim that have not been discovered.

Yreka Shaft Area (Not Found)

Although several days prospecting the old Yreka claim have proved to be futile as the shaft nor tailings could be located. No worthwhile mineralization has been found. Massive fallen rocks from tall outcrops surrounding the proposed area of the Yreka shaft area may have covered the shaft entrance, however this could not be proven.

A very small showing of a foot trail was found. In total 3 kilograms of decent looking quartz with pyrite, chalcopyrite, magnetite and malachite staining was removed from here. Although the area has abundant quartz veins they are generally small, from under 1cm up to 5cm thick and no more than 2 meters in length. Virtually no mineralization other than the occasional speck of pyrite was seen on these.

Cornucopia Adit, Prospector Pit & Mineralized Outcrop (N 48 50 59.0 – W 123 39 18.0)

This adit was not located on the first visit to the portion of the claim, during the second visit it was found. Fallen trees presumably from windstorms had fallen across the entrance blocking the view when walking by. These were partially removed to gain access to the adit. The adit extends in 7 meters. Quartz and schists are abundant in the adit and in the old dump, only minor amounts of pyrite and chalcopyrite were found in the adit walls among schist and very small quartz stringers. One kilogram was removed from the adit walls and will be catalogued and sent in for analysis, time constraints restrict it from being in this report.

At the dump moss and salal have over grown making it difficult to sample, removal of this may give a better look of what's left and the amount of mineralization in the left here. In total two 100-gram samples were found of minor chalcopyrite and pyrite in schists, as well as quartz feldspar.

The prospectors pit was found approximately 60 meters downslope of the adit, once 3.6 meters deep is now under 1.5 meters deep due to being partially backfilled. No mineralization in the hole was found other than the occasional speck of chalcopyrite and malachite staining on quartz. The dump is exposed and hardly over grown. Three meters away and slightly upslope the best mineralization was found in the form of chalcopyrite in milky white quartz. In total 4 samples were taken from the dump.

The outcropping carrying low gold values was never found, however a smaller outcropping with extensive pyrite and chalcopyrite mineralization was found. Several small samples were removed from this location but heavy snowfall and overburden prevented removing any decent sized samples. The showing is under 1-meter wide and could only be chased for under 1.25 meters.

A large vuggy quartz vein with small milky too translucent crystals was located approximately 15 meters from the new outcropping, this vein was chased for 6 meters before diving down at a 45-degree angle under overburden. Further exploration will be done in this area, including sending samples in for a ICP-AES Multi-Element Analysis, testing for Au by fire assay will also be done.

New Road Showing (N 48 50 59.5 – W 123 39 18.7)

A showing which is not defined in any other reports, maps or documentation was located on Richards Mainline Logging Road. Three parallel veins containing semi-massive too massive sulphides were found. The outcropping and veins dip down below the logging road and could be traced down one meter below the road, without more extensive digging this cannot not be followed. Each vein varies in thickness from approximately 2cm-15cm. Pyrite is predominant in all veins with minor chalcopyrite. A Little malachite staining was noticed. In total 100 kilograms was removed from all three veins. After sorting, some of these samples may be sent in for a ICP-AES Multi-element testing and an Au by fire assay too ALS Minerals Laboratories. Time limitations will restrict them from being included in this report.

Around the road showing several other locations were minor amounts of pyrite were found. A quartz vein up to 30cm wide and 8 meters long was also located in the vicinity of the road, virtually no mineralization was found other than some minor malachite staining. A more detailed prospecting and technical program is set to be done in this area for 2018.

Pictures



Quartz vein with sulphides near proposed Yreka area.



Quartz vein, contains small amounts of magnetite and pyrite.



Inside the Cornucopia adit – most mineralization was found on the left side 30cm from the adit floor.



Cornucopia adit



Old prospectors pit – 60 meters from the Cornucopia adit.



Entrance to the Duke of York shaft, shaft walls are sloped and can be easily entered. During the winter months, the shaft was full of water and flooding over the top.



Sample from the Duke of York Tailing Pile.



Sample from the Duke of York Tailing Pile.



Sample removed from a small showing near the proposed Yreka Shaft area.



Sample removed from the shaft wall – Duke Of York.



Small quartz vein, 5cm wide by 1.5 meters long, contains magnetite and minor pyrite.



Sample from the Duke of York tailings pile



First vein at road showing.



Mineralization in vein at road showing.



First quartz vein near road showing – minor pyrite.



Second vein near road showing – little malachite staining.



Second quartz vein near road showing – minor pyrite.



Duke of York Mine Dump Sample.



Sample from the Duke of York Shaft.



Sample from the Duke of York tailings.



Quartz vein near proposed cornucopia adit.



Road Showing – Vien#1



Vein number one - Road showing



Vein number two - Road showing



Road Showing – Sample from vein number three.



Road Showing – Sample from vein number three.



Road showing vein number two.



Road showing vein number three.



Sample taken from vein number one, all three veins are with 3 meters of each other.

Future Work Program

A technical assessment program where soil/silt samples will be done in the areas near the old workings, as well as a more detailed prospecting and sampling program of the entire claim is recommended and will start in the fall 2018.

2018 Technical Assessment Program Budget

Prospector @ 10 Man Days - \$240.00/Day

Prospectors Helper @ 10 Man Days - \$200.00/Day

Assays (Multi-Element & Au Fire Assays) – \$400.00

Soil Sampling - \$300.00

Travel, Truck & Quad Rental Cost - \$40.00/Day

Metal Detector Rental - \$200/3 Day Rental

Food & Miscellaneous Supplies - \$20.00/Day Per Person

Drawings, Maps & Assessment Report – 10 Hours @ \$30.00/Hour

Office Supplies, Phone & Computer - \$70.00

Total Cost: \$6470.00

Current Work - Statement Of Cost Summary

Prospector @ 7 Man Days - \$240.00/Day=\$1680.00

October 17th, 18th, January 9th, 12th, March 2nd, 4th 20th

Prospectors Helper @ 4 Man Days - \$200.00/Day=\$800.00

October 17th, January 9th, March 2nd, 20th

Travel & Truck Rental – \$20.00/Day=\$140.00

Food & Supplies – \$20.00/Day Per Person - \$140.00 X2=\$280.00

Assessment Report – 6 Hours @ \$30.00/Hour - \$180.00

Total Cost: \$3080.00

Statement Of Qualifications

I am a self-taught prospector with 10 years of prospecting experience.

I am the owner of 911 Mining Co.

I have a good knowledge of the Mount Sicker and Mount Richards area.

I have taken several geology courses.

Justin Deveault – FMC#277308

Signed: _____



Date: _____

July 14th 2017

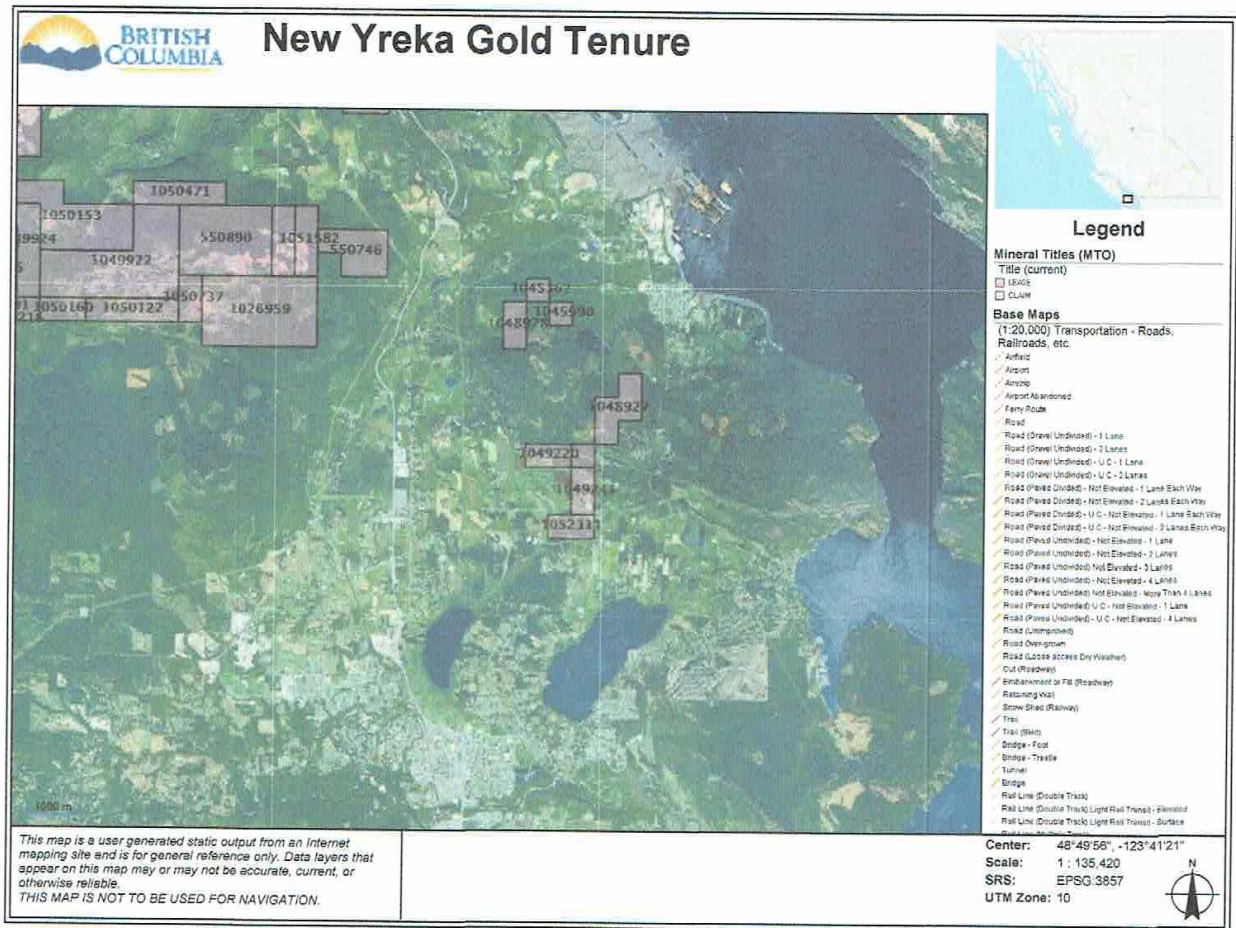
References

1)EMPR Assessment report # 1104, 2397

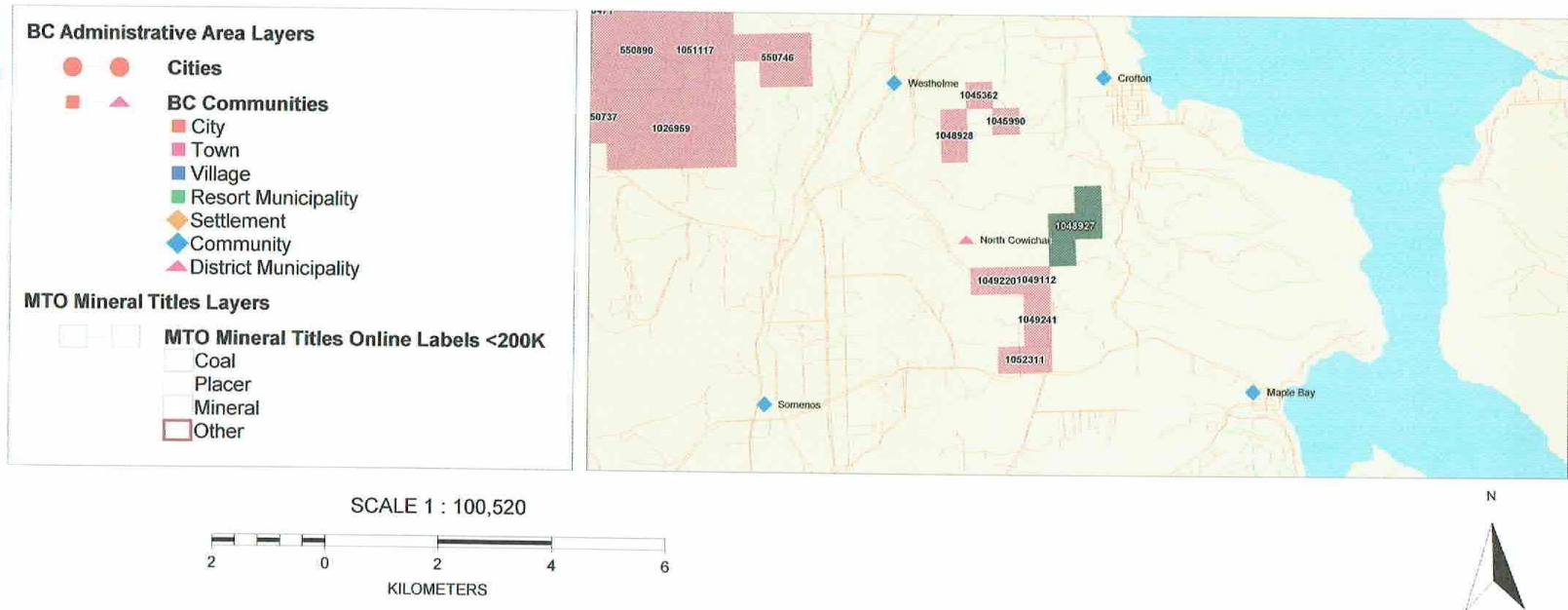
2)Minfile Record Summary 092B 001, 092B 002, 092B 003 – LENORA, TWIN J MINE, MOUNT SICKER, LENORA-TYEE, TYEE, RICHARD III

- 3) Preliminary Map 40, 1980. Geology of the Mount Richards area. By G.E.P Eastwood.
- 4) Assessment Report #11433, By Ron Bilquist.
- 5) Ministry Of Mines Annual Report 1917.
- 6) Minfile Details Report, Cornucopia & Yreka
- 7) Property File)92B 049. 1969 Canadian Pacific Oil & Gas. Mount Richards Geochemical Map.

Maps

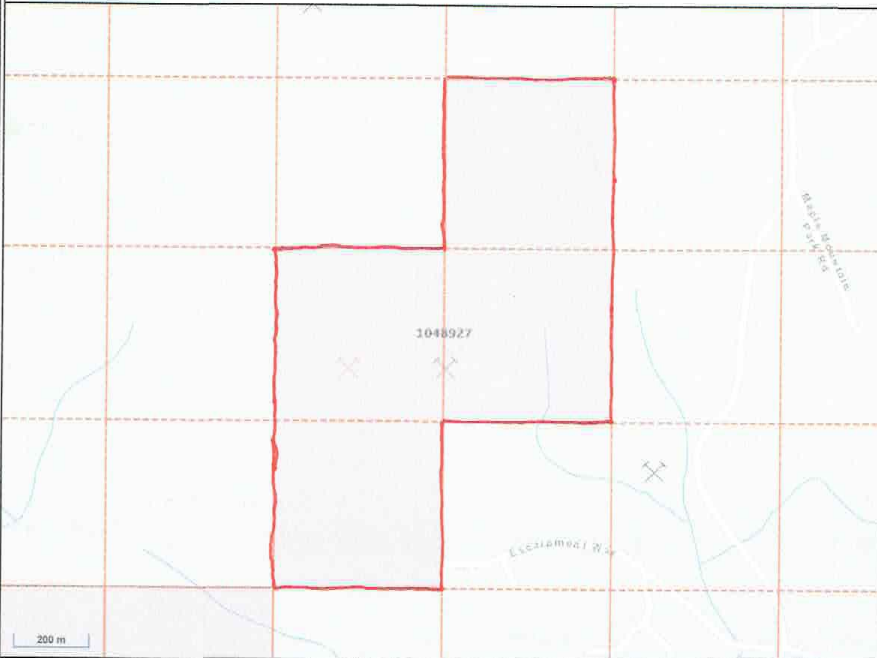


BCGS Geology





New Yreka Gold Tenure



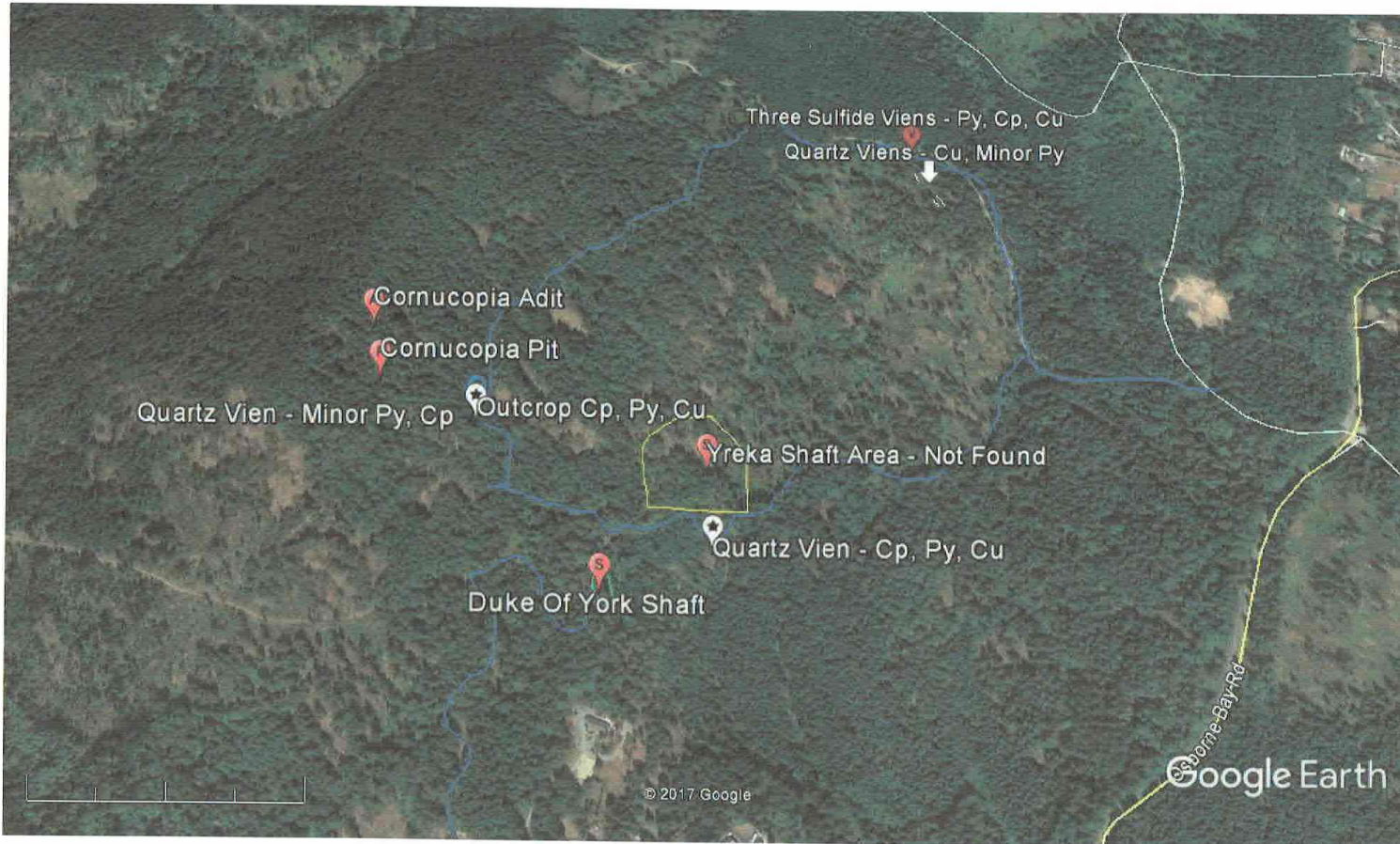
Legend

- Mineral Titles (MTO)**
- MTO Grid
- Title (current)
- Lease
- Claim
- Other Mining Layers**
- Mineral Occurrences (MINFILE)
- Prospector
- Plant Prospect
- Developed Prospect
- Other
- Base Maps**
- Digital Road Atlas - Labels
- Labels
- (1:20,000) Transportation - Roads, Railroads, etc.
- Airport
- Arctic
- Arctic Abandoned
- Ferry Route
- Road
- Road (Over Unimproved) - 1 Lane
- Road (Over Unimproved) - 2 Lanes
- Road (Over Unimproved) - U.C. - 1 Lane
- Road (Over Unimproved) - U.C. - 2 Lanes
- Road (Over Unimproved) - Not Elevated - 1 Lane Each Way
- Road (Over Unimproved) - Not Elevated - 2 Lanes Each Way
- Road (Over Unimproved) - U.C. - Not Elevated - 1 Lane Each Way
- Road (Over Unimproved) - U.C. - Not Elevated - 2 Lanes Each Way
- Road (Paved Unimproved) - Not Elevated - 1 Lane
- Road (Paved Unimproved) - Not Elevated - 2 Lanes
- Road (Paved Unimproved) - Not Elevated - 3 Lanes
- Road (Paved Unimproved) - Not Elevated - 4 Lanes
- Road (Paved Unimproved) - Not Elevated - More Than 4 Lanes
- Road (Paved Unimproved) - U.C. - Not Elevated - 1 Lane
- Road (Paved Unimproved) - U.C. - Not Elevated - 4 Lanes
- Road (Overgrown)
- Road (Open access Dry Weather)
- Coal (Roadway)
- Submarine/Fill (Roadway)

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
 THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Center: 48°50'37", -123°09'27"
 Scale: 1 : 16,927
 SRS: EPSG:3857
 UTM Zone: 10





Three Sulfide Viens - Py, Cp, Cu
 Quartz Viens - Cu, Minor Py

Cornucopia Adit
 Cornucopia Pit

Quartz Vien - Minor Py, Cp Outcrop Cp, Py, Cu

Yreka Shaft Area - Not Found

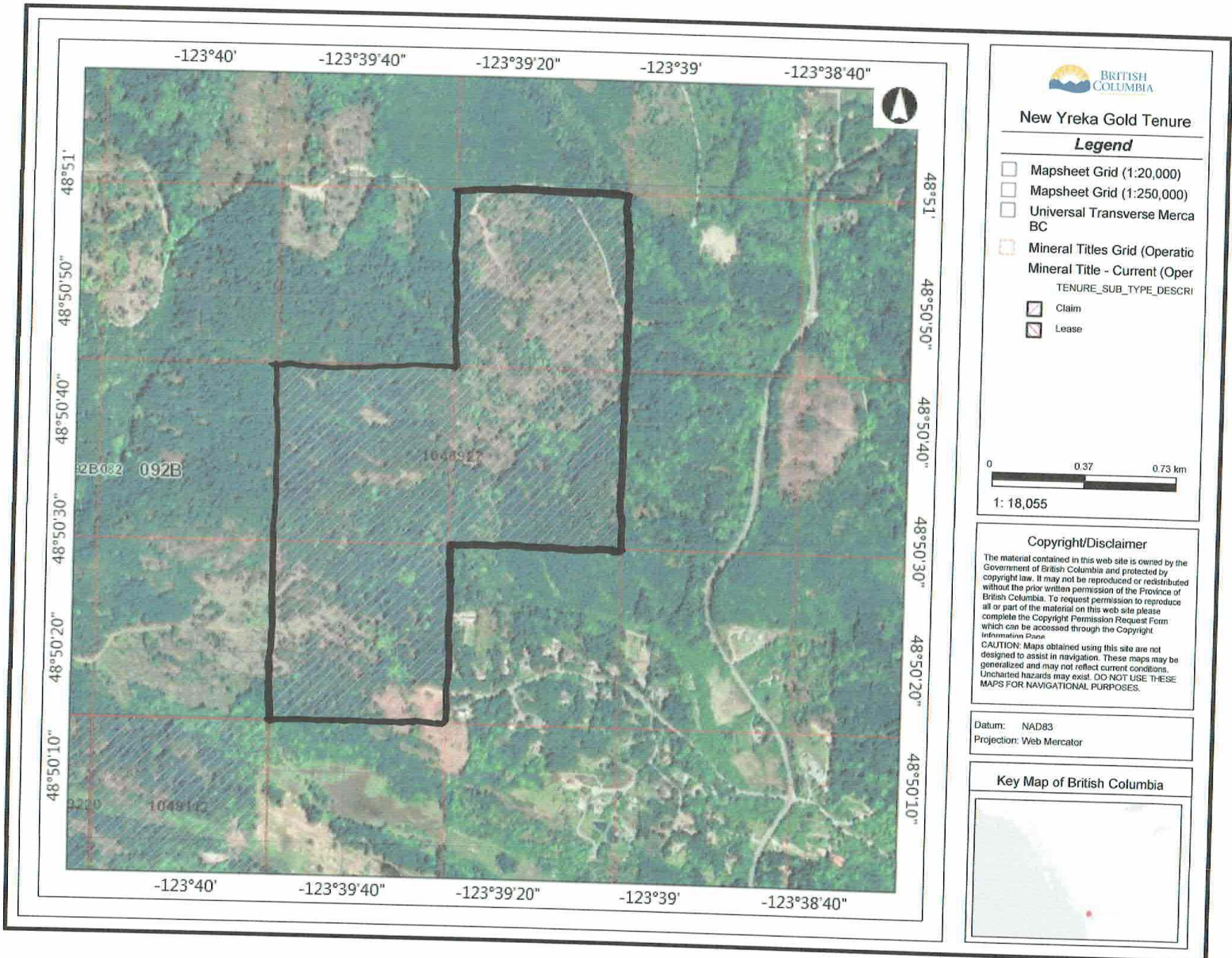
Quartz Vien - Cp, Py, Cu

Duke Of York Shaft

Google Earth

Google Earth





New Yreka Gold Tenure

Legend

- Mapsheet Grid (1:20,000)
- Mapsheet Grid (1:250,000)
- Universal Transverse Mercator BC
- Mineral Titles Grid (Operational)
- Mineral Title - Current (Operational)**
- TENURE_SUB_TYPE_DESCR:
- Claim
- Lease



1: 18,055

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Datum: NAD83
Projection: Web Mercator

Key Map of British Columbia

