

Technical Report

Geochemical Sampling and Analysis of Limestone
Outcroppings on the East Fork of Robertson Creek on Mineral Claim 1012437

Victoria Mining District

092C

UTM Co-ordinates

419380 E
5398531N

Owner of Claims Dean Arbic

Report Written By Dean Arbic

Event Numbers

5465398,
5477819

Report Date;
November 20 2013

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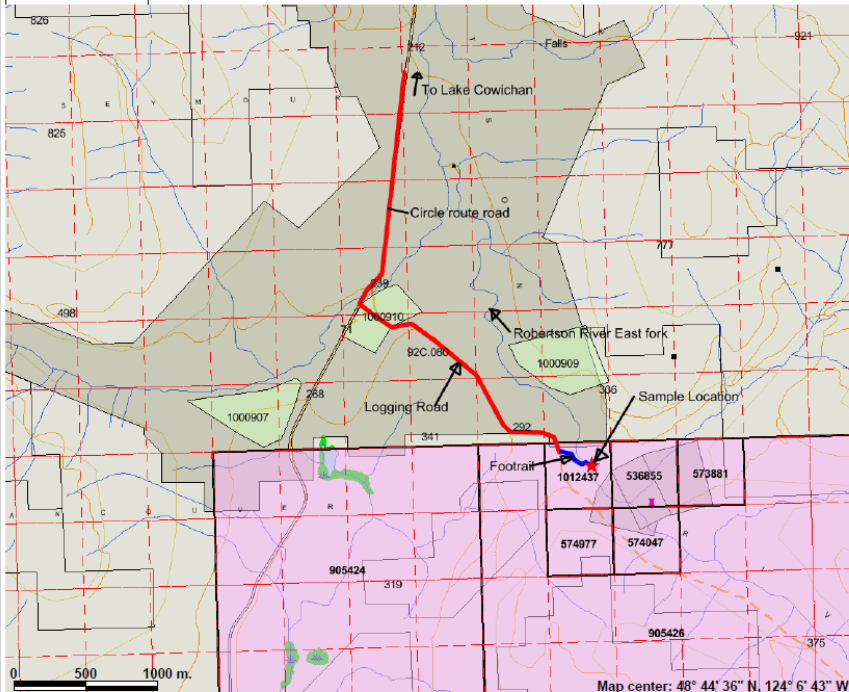
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Introduction and Claim History

The Florentia claim is accessed by turning left at Mesachie Lake onto the Circle route to Port Renfrew and driving west for approximately 9 kilometers, then turning left on a logging road right after driving over 16 mile creek and driving another 2 kilometers to an old reclaimed mining road that serves as a rough trail along the East fork of Robertson Creek for about half a kilometer.

Copper mining has occurred in this area for the past 100 years after large cubes of pyrite were found in a nearby gravel pit. Limestone also occurs in the area. Previous work by the author has determined that Zinc is also present in the limestone. A sample of Limestone with veins of metal was assayed and a greater than 1% reading of Zinc was found in the sample. But it was not known if the vein of pyrite was Sphalerite that contained the Zinc or if the Zinc was in the Limestone surrounding the metallic vein.

Access map 1012437



Legend

MINFILE Status

- Producer
- Past Producer
- Developed Prospect
- All others

Indian Reserves

- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)

Mineral Claim

- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands

First Nations Treaty Lands

- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index

Scale: 1:29,497

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.

Map center: 48° 44' 36" N, 124° 6' 43" W

Technical Work Description

A program of exploration and hand sampling with hammers and chisels was conducted on mineral claim 1012437. A large outcropping of white Limestone with blue veins and streaks, intruded with large isolated sections of grey Basalt. When previously exploring this area, it was noticed that a seam of pyrite like metal occurs in the Limestone where the Limestone contacts the Basalt.

After assaying a piece of this pyrite in 2006. The results showed that the piece of pyrite in the Limestone had a value of over 10,000 parts per million Zinc or over 10,000 grams per ton Zinc and 30.74% Iron. Yet this test did not establish the actual percentage of Zinc or ascertain whether the metal occurring at the contact between the Limestone and Basalt was a Sphalerite/Pyrite vein like the mineral Marmatite. Or the metallic vein was in fact Pyrite, and the Zinc was actually in the host Limestone meaning it is a mineral similar to Smithsonite or a Calcium Carbonate with Zinc Oxide. The Sampling was undertaken to resolve these questions.

While working sampling this site, we were also struck by the beauty and elegance of the Blue White Limestone, and collected Limestone samples to determine the hardness and strength and to investigate the crystal size to confirm the possibility that this Limestone could be a valuable source of Dimension stone and be suitable material for local stone carvers. A particularly beautiful vein of White Limestone with brecciated Blue veins was found and traced to where it extends into the nearby clear-cut and could be quarried.

Sample #	UTM Co-ord.	Description
1	419380E 5398531N	Large metallic blebs occurring in Limestone near Basalt contact 1 kilogram sample taken
2	419380E 5398531N	Vein of metal in Limestone right at contact of Basalt and and following contact across outcropping ranging in thickness from 6 centimeters to 5 millimeters. 5 kilogram sample taken
3	419380E 5398531N	Small vein indicated by Iron and Sulphide staining occurring in Basalt and Limestone. 1 kilogram sample taken
4	419380E 5398531N	White Limestone with Blue brecciated veins 2 meters wide. 25 kilogram sample taken

Conclusion and Interpretations

These samples need to be examined and crushed and the metal separated from the bedrock and the Basalt separated from the Limestone and then assayed again to determine the source of the high Zinc readings. And more comprehensive assaying that can identify higher percentages of Zinc need to also be done.

After examining and cutting and polishing a sample of this Limestone. It is relatively soft compared to other Crinoidal Limestones in the Cowichan Valley. Yet retains its strength, the brecciated fractures have fused back together to create a beautiful and structurally solid stone with fine grained crystals. Making it ideal for carving stone.

The newly discovered samples of sulphide veins in the Basalt should also be sent for analysis on the possibility precious metal values are present.

Hardware Software and Qualifications and Sources

GPS Unit..... Magellan Explorist 100

Digital CameraSony DSC-H70 16.1 Mega Pixel Digital Camera.

This report was prepared using;

OpenOffice.org 3.2 for all Text documents

Paint.NET v3.5.10 for all sketches and for labelling photographs

Maps were prepared using the MTO map viewer and recorded with Adobe software

IBM Desktop computer with a Microsoft Windows XP Professional Version 2002 Service Pack 3

This report was written by Dean M Arbic who has a grade 12 education from Erindale Secondary School in Ontario.

Sample Location

419380E 5398531N





Sample location #2

Metallic vein

Basalt

Limestone

Metallic vein

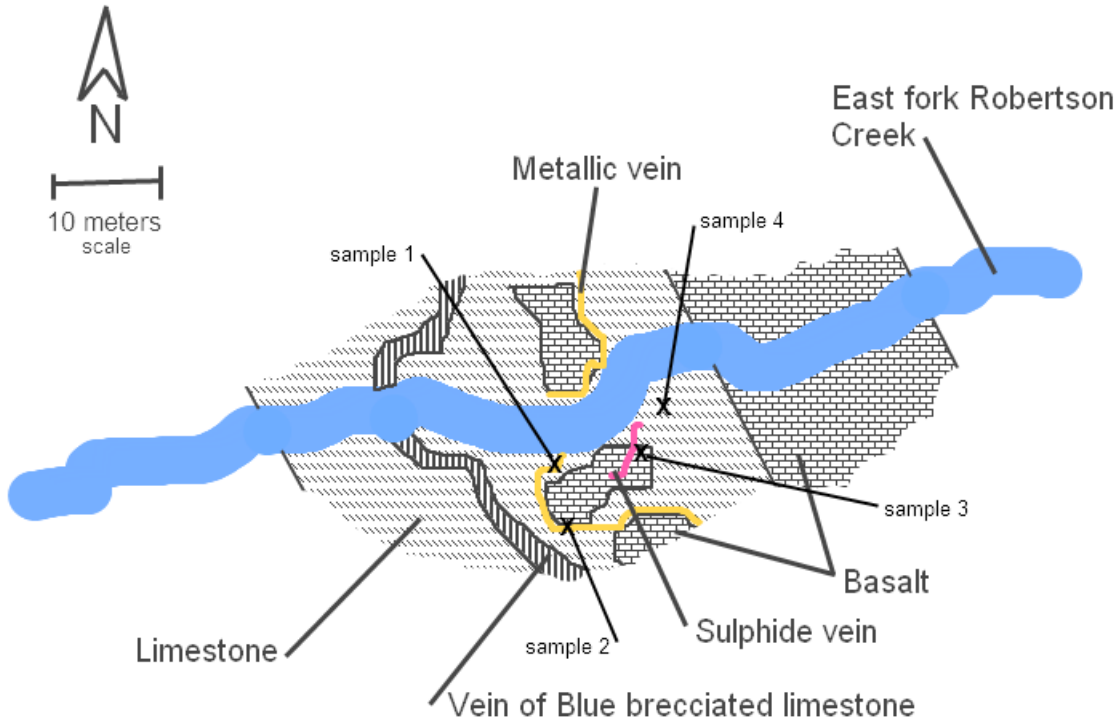


Sample #3 Iron and Sulphide
Stained bedrock

Sample location #4
Brecciated Blue and White
Limestone Vein



Sketch of Limestone and Basalt
at East fork of Robertson Creek



Equipment and Tools Used

This program of sampling was carried out with hand tools. Hammers and chisels and various pry bars of different sizes were used to chip at bedrock and break open cracks and seams in the rock. Samples were then placed in buckets and labelled and backpacked to the nearest vehicle access points.

UTM co-ordinates and altitude were collected and recorded with a handheld Magellan eXplorist 100 GPS unit. Co-ordinates are generally accurate within 5 to 40 meters depending on the topography, interference from trees and weather conditions.

Digital photographs were taken using a Sony DSC-H70 16.1 Mega Pixel Digital Camera.

Statement of Work and Cost

This statement of work is for events numbered 5465398 and 5477819

June 18 2013 - 2 people work for 2 hours @ \$70.00 per hour equals \$140.00

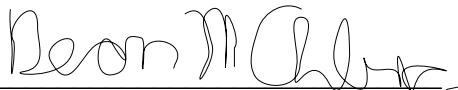
Transportation Gas for vehicle \$26.66

Total.....\$166.66

Nov 16 2013 - 2 people work for 2.5 hours @ \$70.00 per hour equals \$175.00

Total.....\$175.00

I certify that this is true and correct



Dean M. Arbic

November 25 2013