

**BC Geological Survey  
Assessment Report  
30908**

**2008 - 2009**

**PROSPECTING REPORT**

**“Ghost Lake Serpentine Property”**

**EVENT # 4282919      TENURE # 558949**

**Tenure Name: Ghost Lake Serpentine**

**New Westminster Mining Division**

**Map 092H**

**Central Coordinate Reference**

**121° 06' 39" W Longitude – 49° 17' 07" N Latitude**

**Report Date – June 14, 2009**

**prepared by**

**William Larry Amey**

**FMC 145191**

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**Note: Unless otherwise referenced, map submissions are enhanced excerpts from the BC Ministry's Provincial Mapping System. Scale as that shown.**

## **Introduction**

The Ghost Lake Serpentine property, tenure # 558949, a fifteen cell tenure, is situated within the Cascade Mountains of southwestern BC, and comprises 316.06 hectares. The area is recognized for its incidence of gold occurrences along the Hozomeen Fault structure, with explorations dating to the early part of the 20<sup>th</sup> century.

Topographic relief over the tenure ranges from 1,780 m at the southwestern portion of the claim, to 1,140 m at the claim's northeastern sector, along the graduating slopes.

Physiology of the area prospected would be considered heavily forested with Douglas Fir and other coniferous growth, with soils consisting primarily of glacial till. Annual precipitation is average to slightly above average, with heavy snowfalls rendering the claim conducive to prospecting for approximately five months out of the year, generally commencing mid to late June.

## **Location & Access**

The Ghost Lake Serpentine (GLS) property is located on the northeast slopes of Mount Outram, or otherwise along the commonly known, Manson Ridge range, and lies within the New Westminster Mining District, approximately 20 air kilometers east of Hope BC.

Access to the property is best gained via the Sowaqua Creek Forestry Service Road, a seasonal two-lane, two-wheel-drive, graveled road, leaving BC Highway #5 (the Coquihalla Highway) at the Sowaqua Creek Exit, #192, fifteen kilometers north of the BC Highway #3 intersect (or otherwise, nine kilometers north of the Orthello tunnels Exit, #183). Said FSR is taken to its terminus, thereat, the northeastern sector of the claim may be accessed from the central of the three southern most log cuts. Ghost Pass Creek, flows in a northerly direction, adjacent to the initial traverse of approach.

## **Geology & History**

The Ghost Lake Serpentine property is cut by the Hozomeen Fault, which during its formation, subordinate fracturing occurred creating an elongated body of ultramafic rock. This sequence, is wholly comprised within the claim's boundaries. The fault trends northwesterly and extends over a distance of approximately 100 kilometres, from the Boston Bar area in the north to well into Washington State, south of the International Border. To the east of the fault lies mudstone, siltstone, shale, and fine clastic sedimentary rocks, with undivided sedimentary rocks to the west.

Exploration interest in the general claim area dates back to the 1920's when gold was discovered by E.C. Rice and associates out of Coalmont, BC. The area lie dormant from the 1940's until the mid 1980's, and has since received only sporadic interest toward proving out the ground, with no actual mining development occurring to date. However, in the general region, during the late 1940's an independent mining consultant, W.S. Ford observed quartz veins containing chalcopyrite; copper carbonate and some float carrying visible gold and silver tellurides. Other vein systems were also observed to carry "ribbed" or "banded" arsenopyrite in quartz. He also noted that sperrylite (arsenide of platinum) was believed to have been detected in some of the specimens.

## Summary

Reconnaissance prospecting on the Ghost Lake Serpentine property was carried out on August 30, 2008, by a party of five, divided into two teams. Team No.1 prospected the area along the traverse as indicated on Map 2, hereto attached, while Team No.2, prospected along its traverse, as also indicated on said Map 2. Both Teams commenced operations at the same entry point, along the northeast sector of the claim.

Team 1 (T1), comprised of three members, randomly collected seven rock samples, secured from float, talus, an old trench and, two outcrops, from along its traverse. The exact locations where the samples were secured from, were not logged in the field notes, therefore, only the traverse is entered on Map 2.

Team 2 (T2) on the other hand, comprised of two members, examined and panned creek-bed gravels and sediments along Ghostpass Creek, primarily in the vicinity of its outlet from Ghost Lake.

## Conclusion

Select specimens were chipped from each of the seven rock samples, thence ground to a fine powder and examined under microscope. Though trace metals were found in four of the samples, the lack of mass was deemed insufficient to properly identify. Two of the remaining three, also prepared accordingly, showed identifiable presence of gold, with pyrite. The remaining specimen, originating in a 220 gram host grab sample, of which came from the old trench, demonstrated good showing of gold. The entire specimen was then ground to a fine state, thence the product was processed in a blue bowl, rendering 1.36 grams of fine gold.

The crew of T2 reported their pan sampling resulted with a varying presence of fine gold in over 50% of the pans processed. In additions to the fines, four small gold nuggets totaling 0.727g and two somewhat smaller nuggets totaling 0.21g of platinum, were recovered in the immediate vicinity of Ghost lake

The tenure was renewed to permit further explorations on the property.

**Work Evaluation & Cost Statement**

-- 42.5 Man Hours Prospecting --

Labor – Ken Spannier..... Aug 30, 2008	8.50 hours	\$ 170.00
Labor – Tod Troyer..... Aug 30, 2008	8.50 hours	\$ 170.00
Labor – Mike Kime..... Aug 30, 2008	8.50 hours	\$ 170.00
Labor – Ira Troyer..... Aug 30, 2008	8.50 hours	\$ 170.00
Supervisor		
Shannon Anderson..... Aug 30, 2008	8.50 hours	\$ 255.00
	<hr/>	
	Total Work Credits	\$ 935.00
Meal Costs .....		\$ 82.00
	<hr/>	
	Sub Total	\$ 1,017.00
Allowable Vehicle Expenses (20%)		\$ 203.40
Report Preparation		\$ 100.00
	<hr/>	
	Total	\$ 1,320.40

**Attending Parties & Qualifications:**

- Ken Spannier - - 4 years prospecting experience (N/R)
- Tod Troyer - - 16 years prospecting experience (N/R)
- Mike Kime - - 7 years prospecting experience (N/R)
- Ira Troyer - - 18 years prospecting experience (N/R)
- Shannon Anderson - - 26 years prospecting experience (N/R)

NOTE: This Report is based upon notes recorded by the field Supervisor.

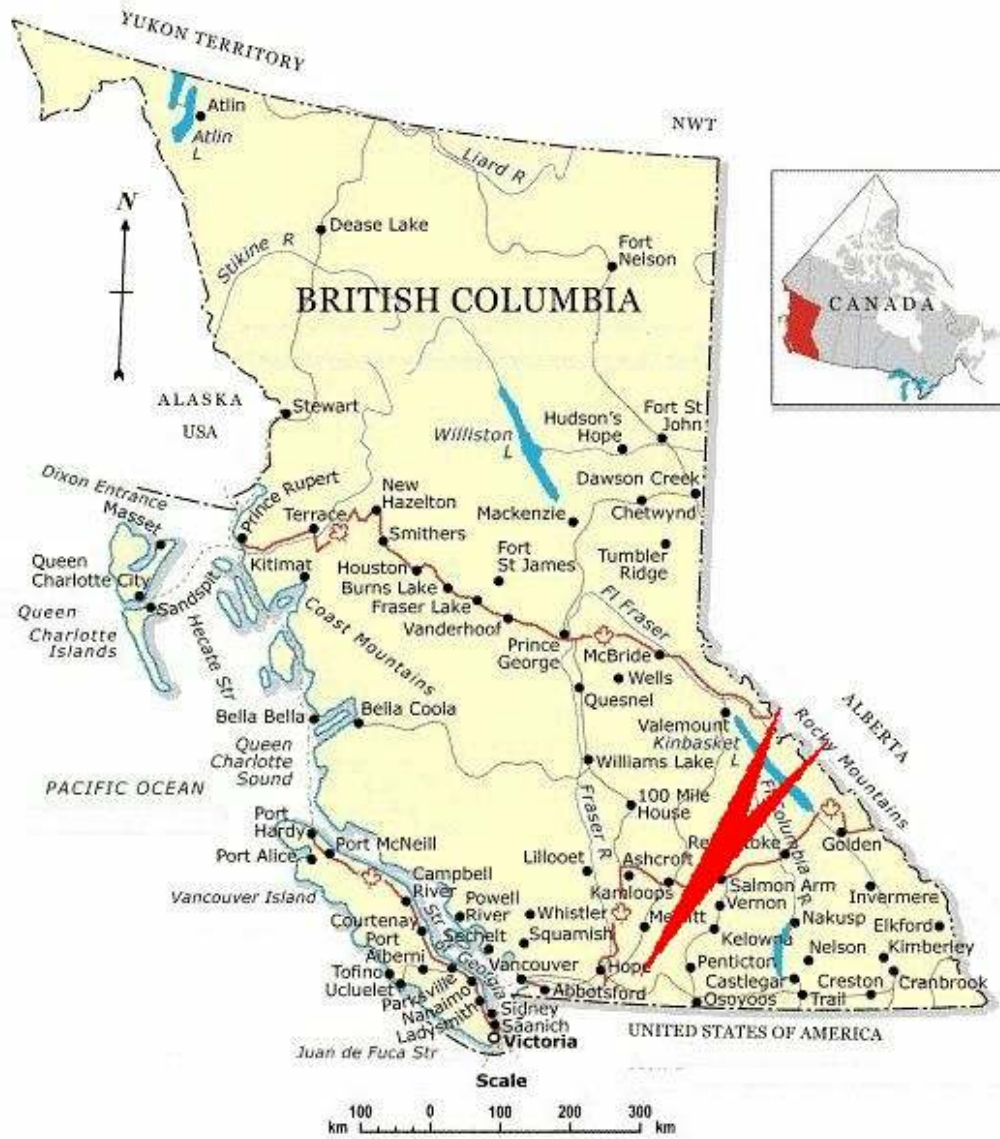
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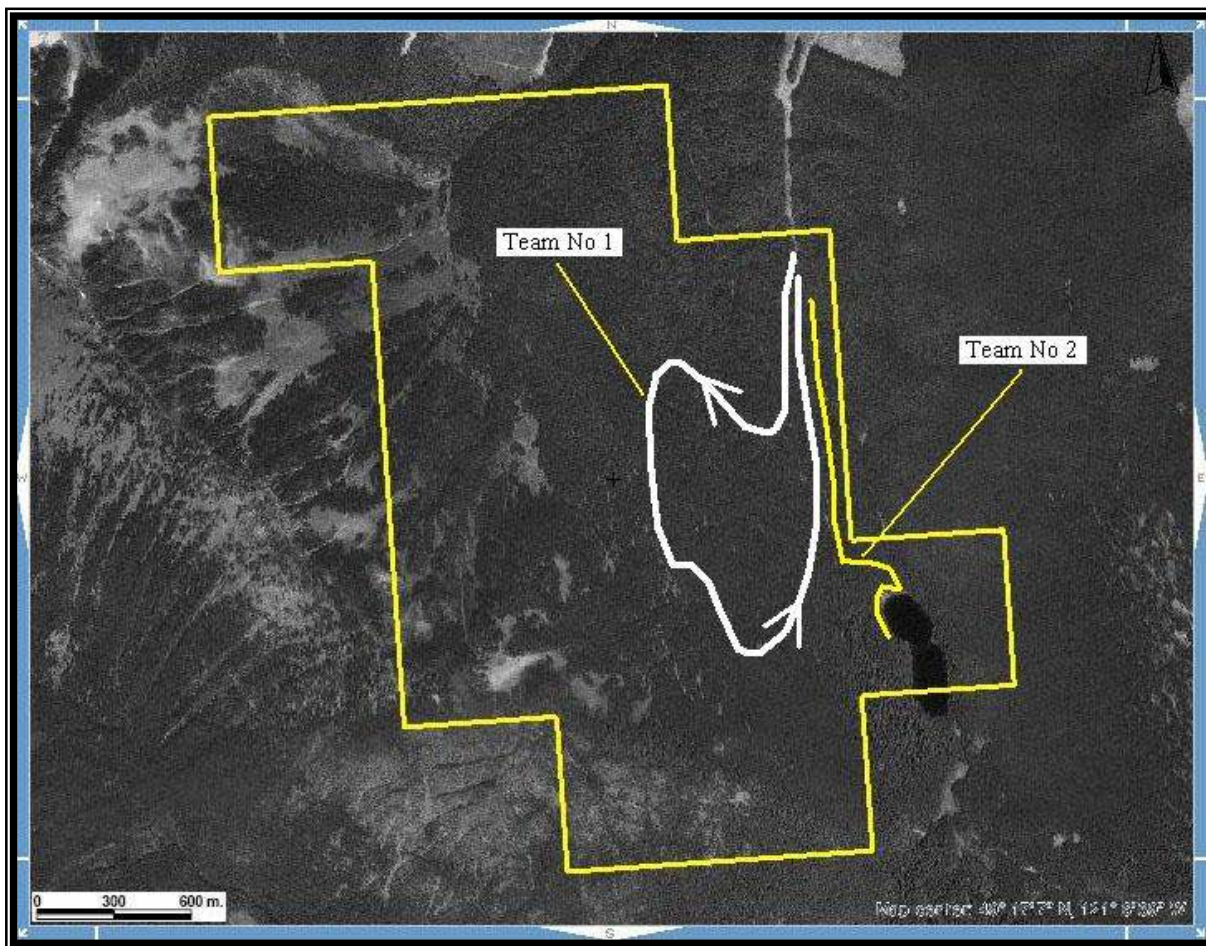
# REFERENCE MAP 1

## Claim Geographical Location



## REFERENCE MAP 2

### Work Areas



Scale 1:14,000

Map 092H Excerpt

Tenure Coordinate Reference

121° 06' 39" W Longitude – 49° 17' 07" N Latitude



**REFERENCE MAP 3**

**Contour Map of Claim Area**



Scale 1:14,000  
Map 092H Excerpt  
Tenure Coordinate Reference  
121° 06' 39" W Longitude – 49° 17' 07" N Latitude