PROSPECTING, TOPOGRAPHICAL
AND GEOLOGICAL MAPPING REPORT

on the

VERN 1 TO 5 CLAIMS

NTS Map Sheets 82L014 and 82L015

by

D.K. BRAGG
OWNER-OPERATOR-AUTHOR
Vancouver, B.C.

September 11, 2008
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMMARY AND INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>LOCATION AND ACCESSIBILITY</td>
<td>1</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>4</td>
</tr>
<tr>
<td>FIELD WORK AND REPORT PREPARATION</td>
<td>5</td>
</tr>
<tr>
<td>RESULTS</td>
<td>6</td>
</tr>
<tr>
<td>RECOMMENDATIONS</td>
<td>7</td>
</tr>
<tr>
<td>CONCLUSION</td>
<td>7</td>
</tr>
<tr>
<td>STATEMENT OF COSTS</td>
<td>8</td>
</tr>
<tr>
<td>STATEMENT OF QUALIFICATIONS</td>
<td>9</td>
</tr>
<tr>
<td>BIBLIOGRAPHY</td>
<td>11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Figure 1</th>
<th>INDEX MAP</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 2</td>
<td>CLAIM MAP</td>
<td>3</td>
</tr>
<tr>
<td>Figure 3</td>
<td>TOPOGRAPHY AND GEOLOGY MAP</td>
<td>Pocket</td>
</tr>
</tbody>
</table>
SUMMARY AND INTRODUCTION

The VERN 1 to 5 Claims, Tenure Numbers 559215, 559216, 559217, 559219 and 559220, were located on May 25, 2007 to cover the paleo channel where gold had been found in the past.

The purpose of the current investigation was to map the course of the paleo channel and to map and prospect the surrounding geology. Samples of the iron-rich cross-bedding within the paleo channel were collected and panned.

LOCATION AND ACCESSIBILITY

The road to the VERN 1 to 5 claims leaves Highway 6 one kilometre east of Coldstream at 0345043E, 5565320N and continues in a southerly direction through the Vern 1 to 5 and into the Lakes District. There are numerous roads branching off the main road as much of the area has been logged.
The area mapped is underlain by Shuswap Terrane which is part of the Monashee Complex affected by Tertiary metamorphism and includes crystalline schists, gneisses, and stratified paragneiss.

In places this is overlain by Chilcotin Group non-marine 'plateau basalts' mapped of Miocene age.

A paleo channel occurs along the northern area of the Vern 1 to 5 claims. This channel is comprised of quartz and leucocratic rocks. In places, the channel is up to 70 metres in depth and may have a width of as much as 300 metres. This channel may be the source of the gold reported in the past. The age of this paleo channel is probably Miocene or Pliocene.

Geology of the area is well covered by W.R. Gilmour in Assessment Report 7666.
FIELD WORK AND REPORT PREPARATION

A 1:5000 base map was prepared for this report and in preparation for future work. On this map, the claims were plotted. The roads, topographical features and geology were mapped using a Garmin G.P.S. Map 60CS and then plotted on the 1:5000 scale map. Most of this mapping was on the western portion of the Vern 1 and 2 claims.

Very few roads were found on the Vern 3 claim and these were only driven quickly and no detailed map of the area was done.

During the survey, a Sintrex Model GIS-3 Gamma Ray Spectrometer was employed and was running continuously while driving along and mapping the roads. This was set at the lowest threshold.

A few pans were taken of the iron-rich crossbeds within the paleo channel. Three 5-gallon pails of this same material were collected to be panned at a later date.
RESULTS

The geology of the area is Shuswap Terrane rocks that in places are capped by 'plateau basalts'. No intrusive rocks were observed during the mapping process although they could well exist below the volcanic cap.

Although the gamma ray spectrometer was running continuously throughout the survey, no anomalous conditions were recorded.

Of the pans that were taken of the iron-rich crossbeds, no gold was recovered and very little magnetite. These crossbeds are ferro-creted so much of the magnetite has broken down.

A little more than a kilometre of the paleo channel was mapped. Where the paleo channel was exposed, it appeared to be close to 70 metres in depth. About 40 percent of the material is quartz cobble. Another 40 percent is leucocratic rocks of undetermined composition. The remaining 20 percent is mostly fine white clay. Within this are iron-rich crossbeds in which the material is ferro-creted.

In the pans that were taken, no heavy metals or gold was found. Most of the magnetite has oxidized and had formed a limonite ferro-crete. As yet, the writer has been unable to take a sample to pan that is within the bedrock environment. All the pans taken so far are well above bedrock.
RECOMMENDATIONS

The 1:20,000 map should be blown up to 1:5,000 scale and the contour lines drafted on the map the writer has prepared. This will help in interpreting the geology and boundaries between the Shuswap Terrain rocks and the volcanic cap.

Since part of the paleo channel was north of the northern boundary of Vern 1, this ground should be picked up.

The three 5-gallon pails of iron-rich crossbeds should be panned.

CONCLUSION

Since the Sintrex Model GIS-3 gamma ray spectrometer did not give any anomalous readings and no intrusive rocks were found in the area that may be a source of uranium, this area is a low priority for uranium minerals.

Although the writer has yet to get to bedrock to sample material for panning gold, the fact that it has reported in the area both up paleo channel and down paleo channel, this is still a potential.
STATEMENT OF COSTS

D.K. Bragg: 44 hours @ $35/hour $1,540.00
Truck Rental: 5 days @ $60/day 300.00
Pro rated transportation costs, gas and oil 100.00
Toll Both: 10.00
Meals: 13 @ $10.00 each 130.00
Camp Equipment Rental: 5 days @ $10/day 50.00
Survey Equipment Rental: Magnetometer, Spectrometer, etc:
5 days @ $10/day 50.00
Report: Preparation, typing, copies
Map reproduction 500.00

TOTAL COST $2,680.00
PLUS: 30% P.A.C. 804.00

TOTAL FILED FOR $3,484.00
STATEMENT OF D.K. BRAGG

I, Donald K. Bragg, Prospector, state as follows:

- Graduated Armstrong High School, Armstrong, B.C.
- Attended U.B.C. from 1958 to 1962, Faculty of Arts and Science, in Honours Geology.
- Worked in mineral exploration since 1956.
- Worked for Kenco Explorations during the summers of 1956, 1957 and 1959 in the Yukon and Northern B.C. as an assistant prospector, head prospector and geochemical sampler under the direction of Dr. R. Cambell and R. Woodcock.
- Worked as head prospector for the Nahanni Syndicate in the Northwest Territories in 1960 under the direction of Doug Wilmont.
- Worked as head prospector in the Yukon for Dualco in 1961 under the direction of E. Wozniak.
- Worked as head prospector for Mining Corp. of Canada, Southwestern B.C. in 1962 under J.S. Scott and Dr. K. Northcote.
- Worked as head prospector during the summer of 1963 for the Francis River Syndicate in central Yukon under the direction of Dr. A. Aho.
- Worked as field geologist in the Greenwood area of B.C. for Scurry Rainbow Oil in 1965 under the direction of Bill Quinn.
- Worked as field supervisor for Alrae Explorations Ltd. from September 1965 to April 1967 under the direction of Rae Jury.
- Since 1956, self-employed contractor hired by various mining companies in the following fields: prospecting, property examination, claim staking, line cutting, topographical mapping, geological mapping, reconnaissance mineral sampling, draughting, air photo interpretation, geochemistry, geophysics, supervising property exploration programs, setting up bush camps, and camp manager.
- Since 1956, self-employed prospector working in various areas in British Columbia and on self-owned properties.


• Worked in the Rossland Camp from 1971 to 1991 as prospector/miner on the Snowdrop and Blue Bird Claims, and mining exploration contractor.

• Worked in the Osilinka and Cut Mountain area with Lysander Mining Corporation during the 2004, 2005, 2006, 2007 field seasons under the direction of Peter E. Fox, Ph.D., P.Eng., in setting up and managing the camp, prospecting, and mapping the area.

Respectfully submitted,

D. K. Bragg

September 11, 2008
Vancouver, B.C.
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Type</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC MEMOIR</td>
<td></td>
<td>296</td>
</tr>
<tr>
<td>EMPR ASS RPT</td>
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</tr>
<tr>
<td>Gilmour, W.R.</td>
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<td></td>
</tr>
</tbody>
</table>