## BC Geological Survey Assessment Report 31482

2009-2010<br>PROSPECTING REPORT<br>"Opal Slopes Property"<br>EVENT \# 4471000 TENURE \# 599584<br>Tenure Name: Opal Slopes<br>Lytton / Shaw Springs Region<br>Kamloops Mining Division<br>Map 092I<br>Coordinate Reference<br>$121^{\circ} \mathbf{2 0}{ }^{\prime} \mathbf{4 2 . 8}{ }^{\prime \prime}$ W Longitude - $50^{\circ} \mathbf{1 7}^{\prime}$ 07.1" N Latitude<br>report by<br>William Larry Amey<br>FMC 145191<br>May 1, 2010

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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 \& Location

The Opal Slopes property, tenure \# 599584, a 10 cell mineral claim comprising 206.47 hectares, is situate 19.5 kilometres east-northeast of Lytton, or otherwise 100 kilometres north of Hope. The tenure is one of five held in the same locale by the author, which envelopes a mountain peak known for the occurrence of banded agate, however, through personal communication it was learned that opal had also been found along this range. The area is semi-arid and underlain by Middle and Upper Cretaceous Spence's Bridge Group volcanics.

## Access

Access to the Opal Slopes property is gained via a FSR located approximately 19.5 kilometres North of the north entrance to Lytton, along BC Highway \#1. Immediately adjacent to a gravel pit located in clear view along said Highway, at coordinate $121^{\circ} 23^{\prime} 32.9^{\prime \prime}$ W, Longitude, $50^{\circ}$ $17^{\prime} 38.2^{\prime \prime} \mathrm{N}$ Latitude, the aforementioned FSR leads eastward, southward thence eastward again, of which is followed for a distance of approximately 5.6 kilometres, to where a branch road merges from the north. From there, one continues onward on the same main roadway (still traveling in an easterly direction) for a further distance of approximately 3.6 kilometres to the area of the 2009 work program. In total, the work area lies 9.2 kilometres from the highway. Other roadways leading northward from said main corridor prior to the noted 2009 work area, extend to other upper locations along this tenure and other abutting tenures held by the author.

## Summary

Reconnaissance prospecting was conducted along the southeast sector of the property, over a consecutive two day period. Whereas the appropriate equipment for repelling down the face of the ridge was not readily available, explorations were then focused along the slopes of the southeast-facing ridge, extending along the traverse indicated on Map 2, hereto attached. In ascending the steep slope, numerous specimens of agate were found protruding from the till matter, therefore, several shallow test holes were hand dug along the slope to varying depths, averaging approximately 35 to 40 cm . These were implemented to further examine for buried talus fragments which may have then held indication of the area's gem potential. Though no specimens of opal were observed during this work program, slightly over $21 / 2$ kilograms of black and gray agate samples were recovered.

## Conclusion

The tenure was renewed and plans made to more closely examine the actual rock face during the coming fiscal period.

## Work Evaluation \& Cost Statement

-     - 24.0 Man Hours Prospecting --




## Attending Parties \& Qualifications:

Dave Chamberlain -- 5 years prospecting experience
Larry Amey - - 30 years prospecting experience
 William Larry Amey 145191


## REFERENCE MAP 1

## Geographical Location



Event 4471000

## REFERENCE MAP 2

## Area of Work



Scale 1: 8,000
Map 092I Excerpt
Tenure Coordinate Reference
$121^{\circ} \mathbf{2 0}{ }^{\prime} \mathbf{4 2 . 8}{ }^{\prime \prime}$ W Longitude - $50^{\circ} \mathbf{1 7}^{\prime} \mathbf{0 7 . 1 "} \mathrm{N}$ Latitude

## REFERENCE MAP 3

## Contour Map of Tenure Area



Scale 1: 8,000
Map 092I Excerpt
Tenure Coordinate Reference
$121^{\circ} \mathbf{2 0}^{\prime} 42.8^{\prime \prime}$ W Longitude - $50^{\circ} 17$ ' $07.1^{\prime \prime}$ N Latitude

