## BC Geological Survey Assessment Report 34624

#### Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder: CHAMBERLAIN, DAVE REGINALD (206188) Submitter: CHAMBERLAIN, DAVE REGINALD (206188)

Recorded: 2013/NOV/30 Effective: 2013/NOV/30

D/E Date: 2013/NOV/30

#### Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. Please attach a copy of this confirmation page to your report. Contact Mineral Titles Branch for more information.

Event Number: 5479067

Work Type: Technical Work
Technical Items: Prospecting

Work Start Date: 2013/AUG/15
Work Stop Date: 2013/OCT/26
Total Value of Work: \$ 2423.20

Mine Permit No:

#### Summary of the work value:

Tenure Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For- ward	Area	Applied Work Value	Sub- mission Fee
599584	OPAL SLOPES	2009/feb/18	2013/dec/01	2014/dec/01	365	165.17	\$ 825.87	\$ 0.00
599585	OPAL SUMMIT	2009/feb/18	2013/dec/01	2014/dec/01	365	20.64	\$ 103.22	\$ 0.00
605233	OPAL ONE	2009/jun/01	2013/dec/01	2014/dec/01	365	82,57	\$ 412.84	\$ 0.00
605237	OPAL TWO	2009/jun/01	2013/dec/01	2014/dec/01	365	123.84	\$ 619.20	\$ 0.00
605238	OPAL THREE	2009/jun/01	2013/dec/01	2014/dec/01	365	20.64	\$ 103.20	\$ 0.00
838427	OPAL FOUR	2010/nov/16	2013/dec/01	2014/dec/01	365	61.94	\$ 309.68	\$ 0.00

#### **Financial Summary:**

Total applied work value: \$ 2374.01

PAC name: shiver
Debited PAC amount: \$ 0.0
Credited PAC amount: \$ 49.19

Total Submission Fees: \$ 0.0

Total Paid: \$ 0.0

Please print this page for your records.

The event was successfully saved.

#### 2013

# **EXPLORATION REPORT**

## "Opal Property Group"

(Six Tenures)

#### EVENT # 5479067

TENURES # 599584, 599585, 605233, 605237, 605238 and 838427 Names: Opal Slopes, Opal Summit, Opal One, Opal Two, Opal Three and Opal Four

> Lytton / Shaw Springs Region Kamloops Mining Division Map 092I

Central Coordinate Reference 121° 19' 43.3" W Longitude – 50° 17' 31.1" N Latitude

report prepared by

William Larry Amey FMC 145191

for

Dave R. Chamberlain FMC 206188

February 9, 2014

## **INDEX**

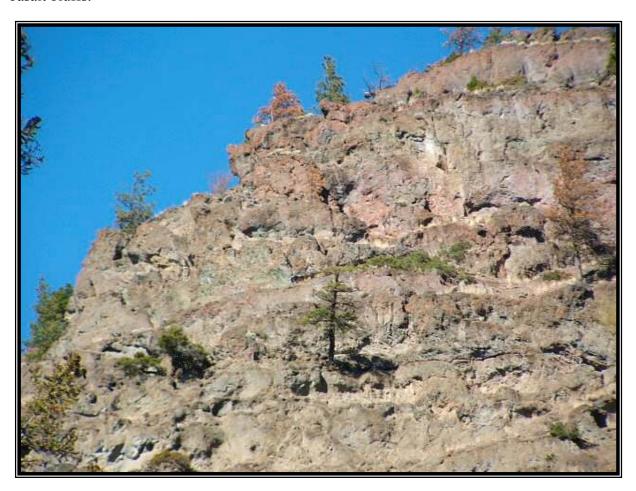
Page	i	Copy of Tenure Renewal
	1	Cover Page
	2	Index
	3	Introduction & Location plus Photo Insert
	4	Access and Photo Insert
	5	Summary and Conclusion & Photo Insert
	6	Work Evaluation & Cost Statement / Attending Parties & Qualifications
		Affidavit
	7	Regional Location Map - Map 1
	8	Work Traverses - Map 2
	9	Contour Map - Map 3

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 Property Group is a compilation of six contiguous mineral tenures located 19.5 kilometres east-northeast of the greater Lytton area, 100 (air) kilometres north of Hope or 80 (air) kilometres southwest of Kamloops. The Group comprises 474.7 hectares over twenty-three cell units.

The claim area is situate within a semi-arid climatic belt and is underlain by Middle and Upper Cretaceous Spences Bridge Group (Spius Creek Formation) volcanics. The area is lightly forested with primarily pine, scattered balsam and fir, and deciduous trees. Collectively, the Opal Group envelopes 4.87 linear kilometres of continuous, open-face, rock bluffs, known for hosting banded agate and on occasion, opal. Black and grey agate nodules are found in and below the basalt bluffs.

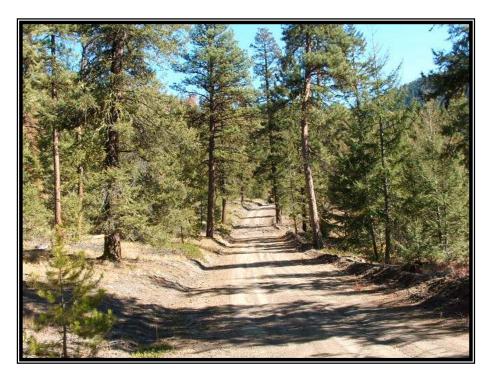


Western Rock Bluffs

#### Access

Access to the Opal Group of properties is gained via a FSR located along BC Highway #1, approximately 19.5 kilometres North of the north entrance to Lytton. For visual correlation, said roadway lies immediately adjacent to a moderate size gravel pit located in clear view along the East side of Highway #1, at coordinate 121° 23′ 32.9″ W, Longitude, 50° 17′ 38.2″ N Latitude. The aforementioned roadway ascends the mountain slope as it trends eastward around said pit, thence curves southward, thence eastward again, of which route is followed for a distance of approximately 5.6 kilometres, to where a branch road merges from the north. This northern branch may be used for accessing the upper (elevated) regions of the claim area, however, for gaining access to base-areas of the rock bluffs, one would continue onward on the main roadway (still traveling in an easterly direction) for a further distance of approximately 3.6 kilometres to the area to where the bluff begin, in total, traveling 9.2 kilometres from said Highway. The roadway fundamentally parallels along the base of the bluffs.

While smaller specimens of agate may be found on and along the roadway, to gain access to the more prime samples, one would traverse the short grade to the base of the bluffs, thence meander along its distance to collect specimens. In that rock specimens have continually been liberated from these bluffs over the past thousands of years, and whereas some have gravitated downslope from the talus heaps at the base, collectable specimens may also be found lightly covered by the pine needles and leaf blanket that line the forest floor. Though not recommended for the novice, if adequately equipped with safety gear, many locations over the face of the bluffs may be climbed *(or descended to from above)* to reach the better samples still remaining within the host rock.



### **Summary & Conclusion**

Similar to the previous anniversary period, the author opened the claim group to a party of rock collecting enthusiasts to aid in the search for opal occurrences. This was based on a 'keep what you find' arrangement, and, a percentage of all specimens mined from such previously undiscovered location. On August 15, 2013, the author attended the tenure group with Brent Liu, an associate of Asian descent, whom of which intended to arrange gem hunting tours for other Asian parties from the Lower Mainland. The August 15<sup>th</sup> attendance served to further explore for opal occurrences, and, doubled for acquainting Me. Liu with both the lay of the land and the extent of the claim group's boundaries. The traverse illustrated on Map 2, hereto in following, was prospected along the base of the open rock bluffs, in search for previously liberated specimens. It was in this region that a few small specimens of partially opalized rock had been discovered during earlier exploration activities on these tenures (2009-2011 era). Similar to other prior visitations, many samples of agate were uncovered from the talus matter, with a few better-quality specimens being retained by Mr. Liu for his tours' promotions.



The above photo is indicative of the graduating talus slope along the base of the rock bluffs.

On October 26, 2013, Mr. Liu returned to the agate/opal properties with a party of three rock collecting enthusiasts Prospecting was carried out over the corresponding traverse also illustrated on Map 2. The group examined countless samples along the base of the bluff areas, keeping in total, an estimated eight kilograms of agate specimens. However, the exact locale where the opal was previously discovered (that within the traverse zone of the Aug 15<sup>th</sup> visit), was not visited by this group. In result, no opal specimens were found during this fiscal period.

# **Attending Parties, Cost Statement & Experience:**

## August 15, 2013

Assistant - Brent Chon Liu Richmond, BC	August 15, 2013		\$	225.00
6 years rock collecting Supervisor – Larry Amey Hope, BC	August 15, 2013		\$	315.00
33 years placer & hardrock exploration experience Meals		\$	29.50	
October 26, 2013				
Assistant - Wei Suen Richmond, BC	October 26, 2013		\$	225.00
1 year rock collecting Assistant - Keith Min Tang Delta, BC October 26, 2013				225.00
4 years rock collecting Assistant - Jing Yim October 26, 2013 Richmond, BC				225.00
8 years rock collecting Supervisor - Brent Chon Liu Richmond, BC	October 26, 2013			315.00
6 years rock collecting Meals			\$	126.50
		Sub Total	\$	1,686.00
VehicleReport	@ 20%		\$ \$	337.20 400.00
•		Total	\$ 2	2,423.20

February 9, 2014

Report Prepared for

Dave R. Chamberlain

FMC 206188

by

William Larry Amey FMC 145191

Event 5479067

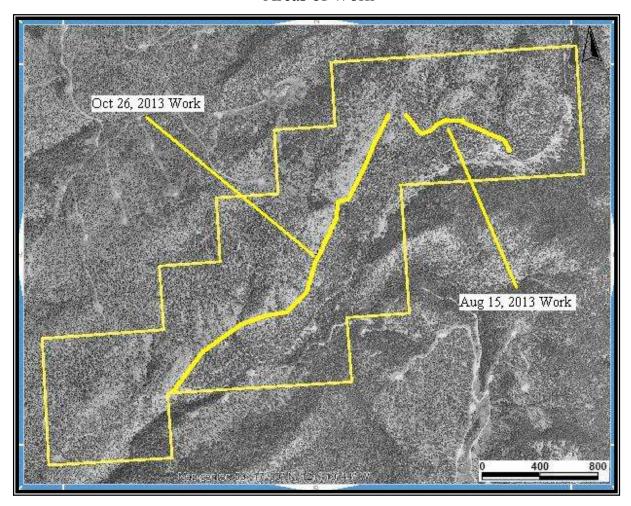
#### REFERENCE MAP 1

## **Geographical Location**



### REFERENCE MAP 2

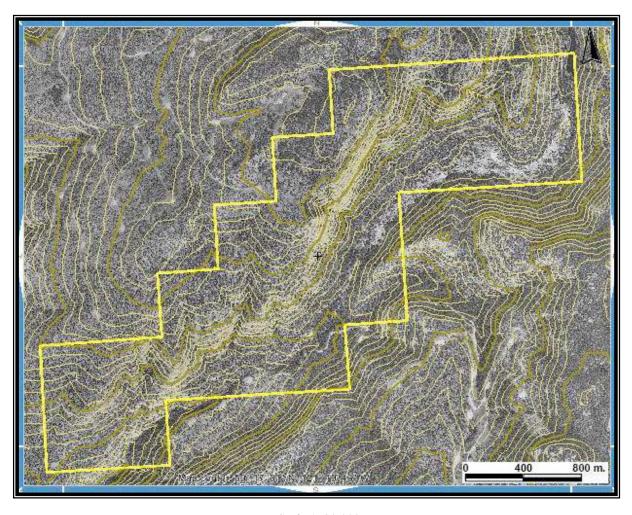
## Areas of Work



Scale 1: 20,000 Map 092I Excerpt Tenure Coordinate Reference 121° 19' 43.3" W Longitude – 50° 17' 31.1" N Latitude

### REFERENCE MAP 3

# Contour Map of Tenured Area



Scale 1: 20,000
Map 092I Excerpt
Tenure Coordinate Reference
121° 19' 43.3" W Longitude – 50° 17' 31.1" N Latitude