## EVELYN EXPLORATION REPORT ON OVERBURDEN STRIPPING AND PROSPECTING AT THE EVELYN CREEK PROPERTY, WHITEHORSE MINING DISTRICT TESLIN AREA, YUKON TERRITORY SUMMER 2008

By Gabriel Fortin, B.Sc., Geol.I.T.

Aurora Geosciences Ltd 34A Laberge Rd Whitehorse, Yukon, Y1A 5Y9

Assessment Work Performed: April 13<sup>th</sup> to September 27<sup>th</sup>, 2008 On Quartz Claims:

<b>CLAIM NAME</b>	GRANT NUMBER
Bobo 1 - 14	YA86641 - YA86654
Bobo 49 - 54	YA86683 - YA86688
Bobo 95	YC08772
Rae 178 - 189	YC57802 - YC57813

Location: 60°46'N, 133°15'W

NTS: 105C/14

Mining District: Whitehorse, YT Date: December 15, 2008

Prepared For: Evelyn Exploration 4A Arleux Place

Whitehorse, YT. Y1A 3A9

#### **SUMMARY**

The Evelyn Creek Property is located 30 km North of Johnson's Crossing and consists of 197 claims staked under the Yukon Quartz Mining Act. The property covers Minfile Showings 105G 019 and 105G 041. It was gradually staked from 1991 to 1996 and is owned by Bruno and Antoinette Poulin (Evelyn Exploration). Prior to this, parts of the property had been staked and explored by A. Nelson, J. Grant and M. Peshke. This report documents results of the work program that consisted of overburden stripping (in view of future trenching), road repair work and a prospecting/sampling survey conducted between April and September, 2008.

The Evelyn Creek Property is underlain by quartzites, marble and amphibolites related to the Nasina Assemblage and to the west by a mid-Cretaceous pluton of the Cassiar Suite. It is covered by a thick layer of talus and boulder till.

To date, no economic mineralization has been identified on the property. Work conducted during 2008 included mechanical stripping of 35,000 cubic yards of overburden in view of future trenching and repair work to the property access road.

Five float samples were collected, four of which were sent in for assay. Assay data did not indicate any significant mineralization.

The results of the work conducted to date, considered with historical data, are inconclusive. A work program consisting of professionally directed property scale geological mapping as well as extensive sampling should be completed before doing further physical work on the property.

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#### 1.0 INTRODUCTION

This report describes overburden stripping, rock sampling and road maintenance work conducted on the Evelyn Creek Property, held by Evelyn Exploration, in the Whitehorse Mining District, Yukon Territory. This work was conducted with the intent to locate precious metal veining on the property.

#### 2.0 LOCATION AND ACCESS

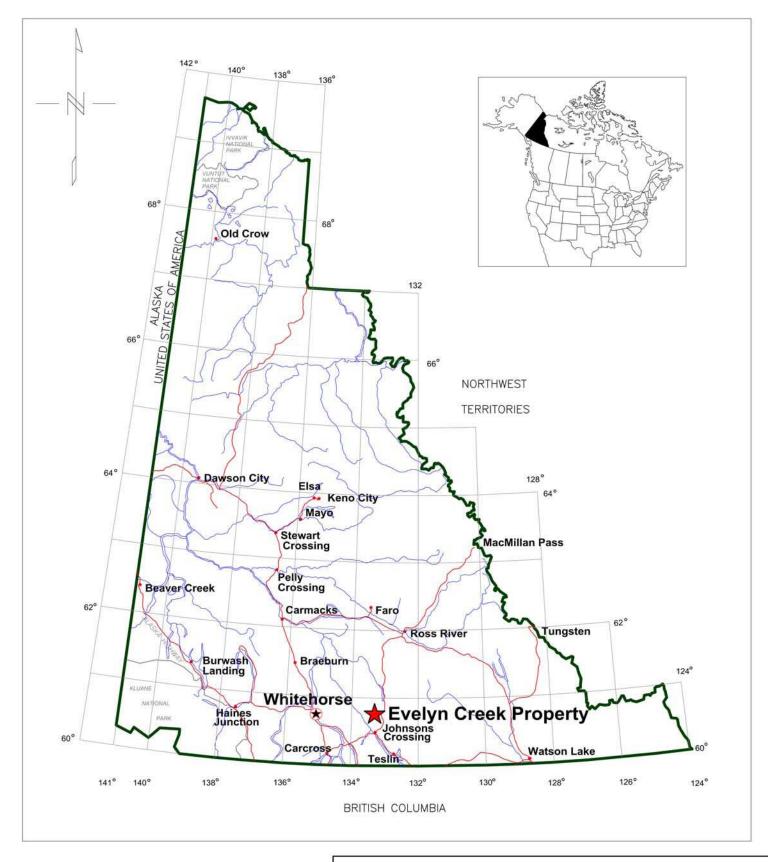
The Evelyn Creek Property is located near Evelyn Creek in the Whitehorse Mining District, Yukon and is centred at approximately 60° 46' N, 133° 15' W (Figure 1). There is a very large log cabin as well as a fully equipped mechanical shop on site. The property is accessible by 4x4 vehicle via a dirt road starting at km 44 of the South Canol Road, north of Johnson's Crossing. The road route to the property is as follows:

Table 1 - Driving directions

From / to	Distance	Remarks
Whitehorse - Johnson's Crossing	110km	Eastbound on Alaska Highway
Johnson's Crossing - Evelyn Creek Bridge	44km	Drive to km 44 northbound on the South Canol Road
Evelyn Creek Bridge - Property	10km	Dirt road

#### 3.0 PHYSIOGRAPHY & CLIMATE

The Evelyn Creek Property is located in the Pelly Mountains of the Yukon Plateau. Topography in the area consists of mountains with elevations ranging from 750m to 1250m. The property area is covered by open pine forest at lower elevations and dense sections of pine-spruce forest at higher elevations. The climate in the property area consists of long, cold winters, short dry summers and short spring and fall seasons. At Johnson's Crossing, the closest nearby community, temperatures range from -55 to 34°C and precipitation averages 23.1 cm of rain and 145.1 cm of snow annually.

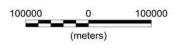


#### **Evelyn Exploration**

Evelyn Creek Property 2008 Exploration Program Figure 1 - Property Location Map

NTS: 105C14 Datum: NAD83 Job: EVE-8552-YT Mining District: Whitehorse Projection: UTM Zone 8N Date: October 27, 2008

Aurora Geosciences Ltd.



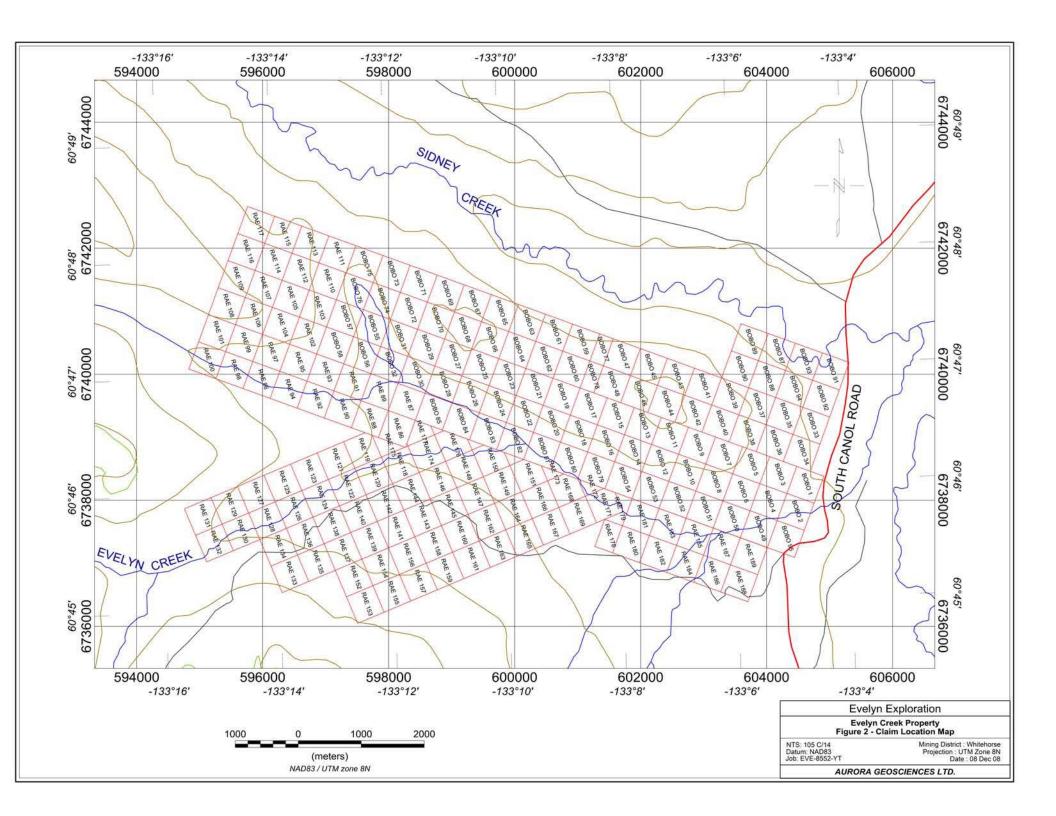
#### 4.0 PROPERTY DESCRIPTION

The Evelyn Creek Property consists of 197 unsurveyed Quartz Claims (Figure 2) staked under the Yukon Quartz Mining Act and recorded in the Whitehorse Mining District. Claim information is summarized below<sup>1</sup>:

Table 2 - Claim Information

Claim name	Record Number	Expiry date	Owner
Bobo 1 - 16	YA86641 - YA86656	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 17 - 32	YB27391 - YB27406	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 33 - 54	YA86667 - YA86688	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 55 - 58	YB27407 - YB27410	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 59 - 62	YB36105 - YB36108	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 63 - 78	YB36224 - YB36239	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 79 - 82	YB36480 - YB36483	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 83 - 85	YB36630 - YB36632	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 87 - 90	YB66553 - YB66556	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 91 - 94	YB66653 - YB66656	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Bobo 95	YC08772	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%

<sup>&</sup>lt;sup>1</sup> Claim information as of December 10, 2008 as posted on the Yukon Mining Recorders website (<a href="www.yukonminingrecorders.ca">www.yukonminingrecorders.ca</a>). Claim expiry dates do not reflect the value of work documented in this report.



Rae 86 - 93	YB36633 - YB36640	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 94 - 101	YB36870 - YB36877	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 102 - 109	YB36906 - YB36913	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 110 - 117	YB57443 - YB57450	20/02/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 118 - 132	YC09652 - YC09666	15/03/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 133 - 169	YC14068 - YC14104	31/03/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 171	YC14105	31/03/2012	Antoinette Poulin 50% - Bruno Poulin 50%
Rae 172 - 175	YC18747 - YC18750	04/07/2012	Bruno Poulin 100%
Rae 176	YC57801	03/01/2012	Bruno Poulin 100%
Rae 177	YC18751	04/07/2012	Bruno Poulin 100%
Rae 178 - 189	YC57802 - YC57813	03/01/2012	Bruno Poulin 100%

The claims can be maintained in good standing indefinitely by performing \$100 per claim per year of assessment work or paying the same amount in lieu and paying associated filing fees of \$5 per claim. The claims are located on Crown Land and surface rights are retained by the Crown.

#### **5.0** EXPLORATION HISTORY

The Evelyn Creek Property covers Yukon Minfile showings 105G 019 and 105G 041. Original claims in this area were staked based on rumours that silver-rich float was found in the area. The Fay claims, staked in February 1968 by A. Nelson and J. Grant, covered the western portion of the property., These were restaked in December 1991 by B. Poulin. The eastern portion of the property was originally staked as the Ed claims in July 1983 by M. Peshke, who added the BOBO 1 claim in May 1985. B. Poulin added further BOBO claims in May 1990, July 1991 and December 1991. All BOBO claims were transferred to Tonycastle Ltd. in January 1992 and to A. Poulin in

September 1992. A. Poulin added further BOBO claims (91-94) in March 1996. The BOBO 95 claim was added in May 1998.

B. Poulin added the RAE 86 - 93 claims to the northwest in December 1991. In May and July 1992, RAE 94 - 109 were added. In February 1995, B. Poulin added the RAE 110 - 117 claims. In March 1999, the RAE 118 - 171 claims were added. The RAE 172 - 175 and 177 claims were added July 2000. In January 2007, the RAE 176 and 178 - 189 claims were added.

Table 2 summarizes the claim ownership status. Antoinette and Bruno Poulin are 50/50 partners in an entity registered as Evelyn Exploration.

Exploration work by way of bulldozer overburden stripping was done during 1992. In May 1994, a work program consisting of 9,740 m³ of trenching and road work was completed on the property. Minimal mapping was done on the property and details of the work program are summarized in an assessment report submitted by Tonycastle Ltd. (Shearer, 1995).

#### 6.0 DESCRIPTION OF WORK PROGRAM

This section describes the stripping and road work conducted on the Evelyn Creek Property in 2008.

#### 6.1 Personnel & equipment.

The work program was conducted by the following personnel:

Crew chief: Bruno Poulin

Field assistants: Antoinette Poulin

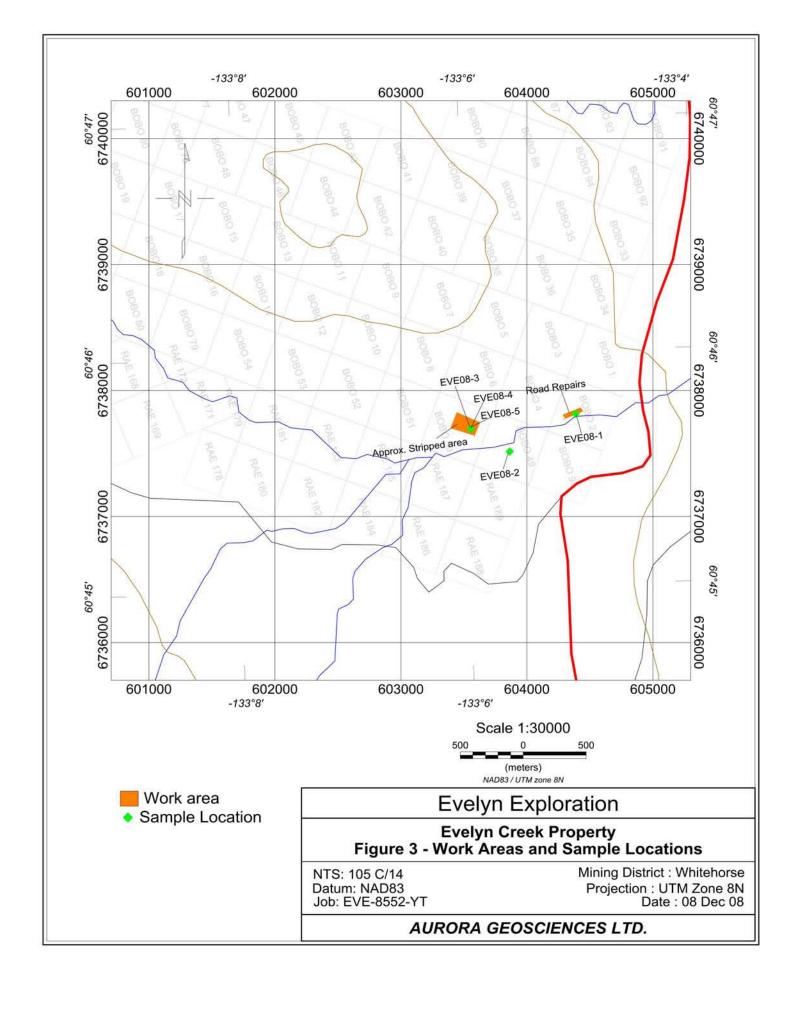
The crew were equipped with the following instruments and equipment:

Equipment: 1 - Track hoe

1 - D7 Caterpillar Bulldozer

Vehicles: 2 - ATV's

1 - 1 Ton truck



Appendix B includes the names and addresses of all persons employed. A statement of expenditures is compiled in Appendix C.

#### 6.2 Specifications.

A 30 foot stretch of the claims access road (Figure 3) was washed away in the spring of 2008. B. Poulin used his own heavy equipment to repair the road and re-establish access to the property.

Overburden stripping, in anticipation of trenching, was performed on the Bobo 50 claim by B. Poulin (Figure 3). An area approximately 700 feet long by 200 feet wide was stripped to a depth of up to 70 feet (213m x 61m x 21m). Altogether, 35,000 cubic yards (26,760 m³) of earth were moved.

Bruno Poulin collected five rock samples from the property. Approximate sample locations as indicated by B. Poulin are shown in Figure 3. All samples were float of unknown origin.

#### 6.3 Sample analysis.

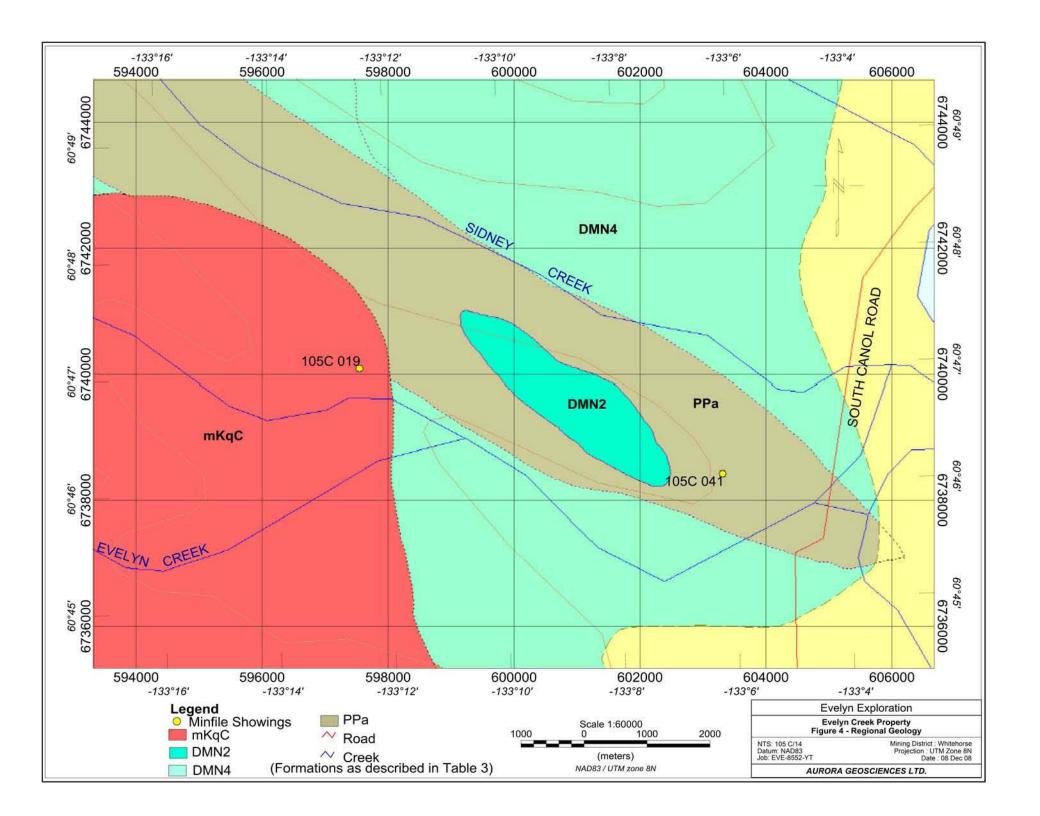
Four rock samples (EVE08-1, EVE08-3, EVE08-4, EVE08-5) were analyzed by Eco Tech Laboratory Ltd. of Kamloops, BC, using an aqua regia digestion followed by a 28 element ICP package. Fire assays for gold were also done on these four samples.

#### **6.4** Data

Rock sample descriptions are presented in Appendix D. Assay certificates are in Appendix E. Assay results are discussed in section 10 of this report.

#### 7.0 REGIONAL GEOLOGY

The regional geology of the property area is summarized by Gordey and Makepeace (Gordey & Makepeace, 2003). The property lies to the northeast of the Teslin Fault in the pericratonic Yukon Tanana terrane of the Canadian Cordillera. Earlier workers associated these rocks with the Kootenay Terrane (Gordey & Stevens, 1994) and the Big Salmon Metamorphic Complex.



The regional geology of the property area, modified after Gordey & Makepeace (2003), is shown in Figure 4. The following formations are mapped in the property area:

Table 3 - Lithologies

Formation (Age)	Description		
Overburden (Quaternary - Holocene)	Talus, organic and alluvial soil, boulder till.		
Cassiar Suite (mid-Cretaceous) [mKqC]	Medium to coarse grained, equigranular to porhphyritic (K-feldspar) granite and biotite quartz monzonite; biotite-hornblende quartz monzonite and granodiorite.		
Nasina Assemblage (Devonian, Mississipian) [DMN2 & DMN4]	Marble [DMN2] as well as [DMN4] quartzite, micaceous quartzite, quartz muscovite (+/- chlorite, +/- feldspar augen) schist, and minor metaconglomerate and metagrit, may locally include significant Klondike Schist Assemblage.		
Mafic-ultramafic intrusions (Proterozoic and/or Paleozoic) [PPa]	metamorphosed mafic rocks including amphibolite and ultramafic rocks of unknown association (may belong in part of entirely to Nisling, Nasina and Slide Mountain assemblages) and mafic-ultramafic intrusions within Nasina Assemblage.		

Yukon Minfile showing 105C 017 is located to the southwest of the property. Lenses of manganese-rich skarn are hosted by Nasina assemblage rocks similar to those mapped on the Evelyn Creek property. Rhodonite from these lenses has been mined intermittently since 1984. As of 1994 reserves were estimated at 362.9 tonnes of gem quality rhodonite (MINFILE Database).

#### 8.0 PROPERTY GEOLOGY

No detailed property scale mapping has been documented.

#### 9.0 ECONOMIC MINERALIZATION

To date, no economic mineralization has been reported on the property.

#### 10.0 ASSAY RESULTS

None of the four samples assayed had Au values above the detection limit of 0.03 g/t. Elevated Mg (>10%) and Fe (3.21%) in sample EVE08-1 suggests this sample might be representative of a skarn. Arsenic is slightly elevated (10 ppm) in sample EVE08-5.

#### 11.0 CONCLUSIONS

Bulldozer stripping of overburden failed to reach bedrock. No new information was obtained from this exercise.

Rock samples analyzed did not return any significant results. The hand specimens collected by B. Poulin were predominantly sub-angular. This could be evidence that overburden is of local origin.

#### 12.0 RECOMMENDATIONS

Professionally directed property scale geological mapping as well as extensive sampling should be completed before doing further physical work on the property.

Respectfully submitted, AURORA GEOSCIENCES LTD.

Gabriel Fortin, B.Sc., Geol.I.T. Geologist

#### REFERENCES CITED

- Environment Canada (2008). http://climate.weatheroffice.ec.gc.ca
- Gordey, S. P. and A. J. Makepeace (2003). Yukon Digital Geology(v. 2). Geological Survey of Canada Open File 1749, Yukon Geological Survey Open File 2003-9(D).
- MINFILE database: Deklerk, R. and Traynor, S. (compilers), 2005. Yukon MINFILE A database of mineral occurrences, Yukon Geological Survey.
- Shearer, J.T. (1995). Geological Summary Report on the Evelyn Creek Property (BOBO claims group). Yukon Assessment Report #09341.

#### APPENDIX A. STATEMENT OF QUALIFICATIONS

- I, Gabriel Fortin, B.Sc., certify that:
  - 1) I currently reside at 67B Stope Way, Whitehorse, Yukon Territory.
  - 2) I am a graduate geologist currently employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.
  - 3) I graduated from the University of Alberta in Edmonton, Alberta in 2007 with a Bachelor of Science Specialization Degree in Geology.
  - 4) Since my graduation I have practiced my profession continually.
  - 5) I have prepared this report based upon data collected by Bruno Poulin from the Evelyn Creek property, in addition to other third party, unpublished sources.
  - 6) I do not hold any shares or other interests of any type in Evelyn Exploration.
  - 7) I am a current member in training of APEGGA (Association of Professional Engineers, Geologists and Geophysicists of Alberta, registration number 78970).
  - 8) I am unaware of any material fact or change with respect to the subject matter of this assessment report that is not reflected in the report, and the omission of which would cause this report to be misleading.

Dated this 15th day of December, 2008, at Whitehorse, Yukon Territory

Gabriel Fortin, B.Sc., Geol.I.T.

**APPENDIX B. SURVEY LOG** 

This information is presented as provided by B. Poulin.

Name	Address	Date In	Date out
Bruno Poulin	4A Arleux Place Whitehorse, YT Y1A 3A9	April 13 <sup>th</sup> , 2008	September 27 <sup>th</sup> , 2008
Antoinette	4A Arleux Place Whitehorse, YT Y1A 3A9	May 12, 2008	September 27 <sup>th</sup> , 2008

Road repairs: 62 days

Overburden Stripping: 101 days Prospecting: 5 days

APPENDIX C. STATEMENT OF COSTS

### **Statement of Expenditures Evelyn Creek Property - 2008**

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Trenching and road repairs: 168 days @ \$300 Helper: 139 days @ \$200 Living expenses: 307 man days @ \$35 per man day ATV's: 2 ATV's x 5 months @ \$2200/ATV/month Travel: 2 return trips (2 x 328 km @ \$0.61/km) Pickup Truck: 1 Truck x 6 Months @ \$1980/month Total - Operations	\$50,400.00 \$27,800.00 \$10,745.00 \$22,000.00 \$400.16 \$11,880.00 \$123,225.16	\$123,225.16
Expenses Machinery - Parts Fuel Total - Expenses	\$1,037.45 \$5,036.79 \$6,074.24	\$6,074.24
Report Assays Report Preparation Total - Report	\$132.51 <u>\$4,500.00</u> \$4,632.51	\$4,632.51 \$133,931.91

These costs are presented as provided by B. Poulin. I certify that they are true and correct to the best of my knowledge.

Gabriel Fortin, B.Sc., Geol.I.T. Geologist

APPENDIX D. ROCK SAMPLE DESCRIPTIONS

Sample #	Easting_NAD83_ UTM Zone 8	Northing_NAD83_ UTM Zone 8	Sample Type	Description
EVE08-1	604280	6737800	Grab/Float	Sub-angular. Very strongly and pervasively altered. Exhalative appearance. ~10-15% biotite define foliation. ~5-8% late quartz veining cross cuts (nearly perpendicular to) foliation. Possible trace fine grained arsenopyrite. Strongly silicified throughout. 5% pink blebby mineral (manganese alteration?), probably rhodocrosite. 'Interstitial' carbonates.
EVE08-2	603840	6737480	Grab/Float	Angular. Dark greenish-grey chert. ~1% cubic pyrite in a thin stringer.
EVE08-3	603500	6737700	Grab/Float	Sub-angular. Talc concretion, no apparent mineralization.
EVE08-4	603500	6737700	Grab/Float	Sub-angular. Muscovite rich Phyllite with massive white quartz 'lens' parrallel to cleavage. 2% blebby rusty pyrite throughout.
EVE08-5	603500	6737700	Grab/Float	Sub-angular. Exhalative similar to EVE08-1 with only trace biotite, no rhodochrosite and ~45-50% late quartz.

Sample locations are approximate, as provided by B. Poulin.

**APPENDIX E. ASSAY CERTIFICATES** 

Eco Tech Laboratory Ltd. 10041 Dallas Drive, Kamloops, British Columbia, V2C 674, Canada Tel + 250 573 5700 Fax + 250 573 4557 www.alexstewart.com



#### **CERTIFICATE OF ASSAY AW 2008-8620**

Aurora Geosciences 34a Laberge Rd Whitehorse, YT Y1A 5Y9 24-Nov-08

No. of samples received: 4 Sample Type: Rock **Project: Evelyn Creek** Submitted by: Gabriel Fortin

ET #.	Tag #	Au (g/t)	Au (oz/t)	=
1	7R68935 - EVE08-1	<0.03	<0.001	
2	7R68936 -EVE08-3	< 0.03	<0.001	
3	7R68937 - EVE08-4	< 0.03	<0.001	
4	7R68938 - EVE08-5	< 0.03	<0.001	
QC DAT		<0.03		
-		<0.03	<0.001	
' Resplit:		<0.03	<0.001	
Resplit:		<0.03	<0.001	
Resplit:	7R68935 - EVE08-1			

JJ/ap XLS/08 ECO TECH/LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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26-Nov-08
Alex Stewart Geochemical
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

#### ICP CERTIFICATE OF ANALYSIS AW 2008- 8620

Aurora Geosciences 34a Laberge Rd Whitehorse, YT Y1A 5Y9

Phone: 250-573-5700 Fax : 250-573-4557

No. of samples received: 4 Sample Type: Rock Project: Evelyn Creek Submitted by: Gabriel Fortin

#### Values in ppm unless otherwise reported

Et #.	Tag #	A	g Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	TI %	U	٧	W	Y	Zn
1	7R68935 - EVE08-1	<0.	2 0.09	<5	65	<5	0.56	<1	69	344	8	3.21	<10	>10	770	<1	0.02	1176	30	4	<5	<20	20	< 0.01	<10	3	<10	<1	24
2	7R68936 -EVE08-3	<0.	2 0.10	<5	20	<5	5.02	<1	<1	99	2	0.29	<10	2.29	53	<1	0.01	9	320	<2	<5	<20	30	< 0.01	<10	4	<10	3	13
3	7R68937 - EVE08-4	<0.	2 0.33	<5	100	<5	0.12	<1	2	84	<1	1.25	20	0.06	225	<1	0.04	10	160	<2	<5	<20	15	< 0.01	<10	2	<10	6	16
4	7R68938 - EVE08-5	<0.	2 0.66	10	935	<5	80.0	<1	6	108	31	1.27	<10	0.37	151	<1	0.02	21	190	<2	<5	<20	19	<0.01	<10	26	<10	2	20
QC DATA	<u>A:</u>																												
1	7R68935 - EVE08-1	<0.	2 0.08	<5	65	<5	0.53	<1	71	349	8	3.21	<10	>10	784	<1	0.01	1202	20	2	<5	<20	21	<0.01	<10	3	<10	<1	12
Resplit:																													
1	7R68935 - EVE08-1	<0.	2 0.07	<5	65	<5	0.50	<1	70	344	7	3.15	<10	>10	783	<1	0.02	1184	20	2	<5	<20	20	<0.01	<10	3	<10	<1	13
Standard	d:																												
Pb129a		11.	5 0.84	15	75	<5	0.49	53	5	3	1412	1.62	<10	0.69	356	2	0.03	7	430	6144	15	<20	30	0.03	<10	19	<10	2	9977

ECO TECH LABORATORY LTD.
Jutta Jealouse

B.C. Certified Assayer

JJ/ap df/n1800s XLS/07









