Technical report for exploration and Prospecting

Swift River Placer area
Tenure numbers: 589338, 587002
Tenure names: SWIFFLE, SWIFFR
UTM10 locations: 592325e 5897946n, 591906e 5898906n
Cariboo Mining Division
BCGS Location 093H022

Claim Owner: Rob Cochrane, FMC #140292
Operator: Rob Cochrane
Consultant: N/A
Author of Report: Rob Cochrane

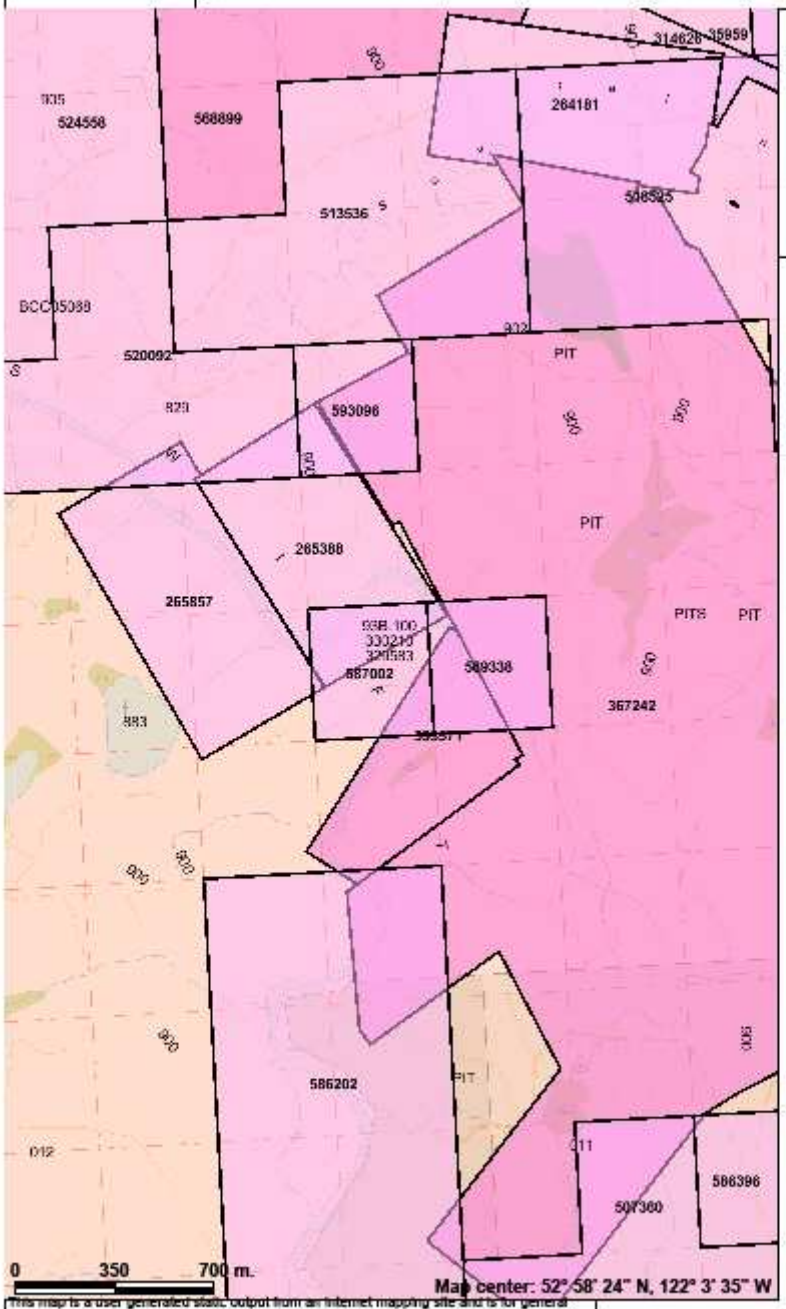
Date: August 10, 2009

TABLE OF CONTENTS

INTRODUCTION

This report describes activities and results for 2008-9 exploration of claims in the Swift River area,
The prospecting area is located in the Quesnel Highlands landform and underlain by Slide Mountain Group rocks. The Eureka thrust fault is located east of the claim area. The claims are located upstream of the junction of the Swift River and Sovereign Creek and are access by the Barkerville Highway, taking the 1300 forest road, the 13A road to 8 km turning right and following the old mining/logging road. An index map follows.

Internet Mapping Framework



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Placer Tenure (current)
- Placer Claim
- Placer Lease
- Placer Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Reservation
- Recreation Area
- Other
- MTO Grid (MTO)
- Blocked by NEN
- Other
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Parcel Exclusion
- Parcel Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - UC - 1 Lane
- Road (Gravel Undivided) - UC - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - UC - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) Not Elevated - 2 Lanes
- Road (Paved Undivided) - Not Elevated - 1 Lane

Scale: 1:20,000

These placer claims have been previously located as legacy claims. There has occurred drilling on the flats above the river to the east and there is evidence of a large buried paleochannel from interpretation of satellite imagery combined with drill results(Levson, 1989). This channel may trend toward my claim area. Gagen drove a shaft with unreported results on the flat. The area on the flood plain of the Swift River directly east of my claims was mined in the past. There appears to be no mining history on the river flat within my claim area.

DETAILED EXPLANATION OF TYPE OF EXPLORATION

The 2008/9 program focus was on sampling by:

1) Panning of gravel bank on both sides of Swift river to determine run of gold. The area used for parking on the east side of the river is an old mine site.

2) The west side of the river in the claim area has a large area of flat ground favorable for mining. Testing of surface initially by hand

3) The west side of the Swift River valley may be intersected by a tertiary epoch paleochannel, so surface testing initially.

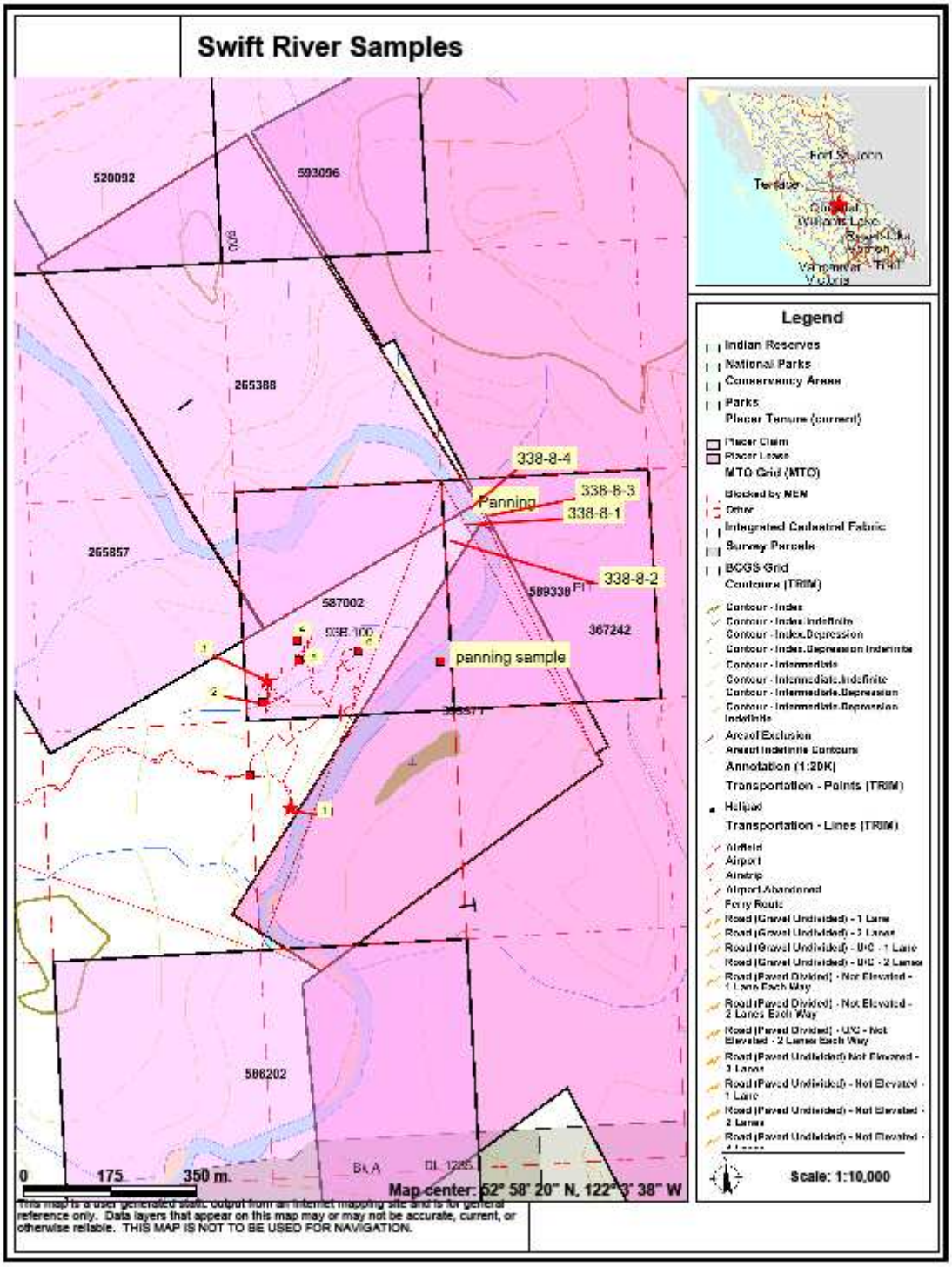
METHOD AND RESULTS OF SAMPLING

The table below shows the sampling undertaken in the 2008/9 seasons.

Swift River
Field work summary to 2009 June 24

Date	Tenure Number	labourer	foreman	Crew	Time Hrs	Truck	total	Samples	Sample #
14-Sep-08	589338		$60.00	$ 80.00	2	$28.00	$168.00	panning	
31-Oct-08	589338	$ 80.00			4	$16.00	$ 96.00	pits and river bank	338-8-1
									338-8-2
									338-8-3
									338-8-4
various		$ 60.00			3		$ 60.00	processing samples	1hr/ sample
21-Jun-09	587002	$200.00			10	$50.00	$250.00	panned on site	1,2,3,4,5,6
24-Jun-09		$ 80.00			4		$ 80.00	report	
							$654.00		

The map below shows sample locations



Samples taken June 21, 2009 were all panned on site due to the difficult access. There were no visible gold pieces in any of these samples.
These samples were all hand dug small pits just below fine root layer. All sample sites were photographed when dug. Most were dug in upturned root wads of trees. Examples are shown below.

Sample #6 pit - 21 June 2009

Crew panning on 14 September 2008

Four samples were taken from the site on October 31 2008. The volume was generally 5-10 litres. The sample was classified by hand into the following screens: 2, 4, 8, 30 and 50.

The sample fractions of 8 and 30 mesh were panned and the finer material was run on an Orofino concentrator table. Only one of the samples yielded countable gold pieces and summarized below. This was a sample taken from just above the clay layer on the east bank of the Swift River. The value is about $30 per cubic meter

Sample	Tenure #	Tenure Name	location	Date	pit vol	Fraction	Weight (g)	Vol (mll)	Black sand vol	AU pieces	Comment
					11.8						
338-8-4	589338	SWIFFLE	Gravel from top of clay layer	31-Oct-08		2+	9516				
338-8-4	589338	SWIFFLE		31-Oct-08		4+	1261	800			
338-8-4	589338	SWIFFLE	east bank	31-Oct-08		8+	535	350			
338-8-4	589338	SWIFFLE		31-Oct-08		30+	696	450		1	14mg gold
338-8-4	589338	SWIFFLE		31-Oct-08		50+	1361	1350	3.00	3	
338-8-4	589338	SWIFFLE		31-Oct-08		Total	13369	2950	3.00	4	

.

ITEMIZED COST STATEMENT

Swift River
Field work summary to 2009 June 24

Date	Tenure Number	labourer	foreman	Crew	Time Hrs	Truck	total	Samples
14-Sep-08	589338		$ 60.00	$ 80.00	2	$ 28.00	$ 168.00	Panning 30 l
31-Oct-08	589338	$ 80.00			4	$ 16.00	$ 96.00	pits and river bank
								338-8-1
								338-8-2
								338-8-3
								338-8-4
21-Jun-09	587002	$ 200.00			10	$ 50.00	$ 250.00	panned on site
								002-9-1
								002-9-2
								002-9-3
								002-9-4
								002-9-5
								002-9-6
various		$ 60.00			3		$ 60.00	processing samples
24-Jun-09		$ 80.00			4		$ 80.00	report
							$654.00	

SUMMARY

This area is similar to other gravels on the Swift River and panning produced encouraging results. The 3-man crew panned about 40 litres of gravel on the first day and 11 30-50 mesh gold were found, as well as many finer pieces. I estimate $30 per cubic meter. The gold is concentrated on a thin layer (10cm) of gravel lying on a clay seam. Samples taken on the river flat on the west side were disappointing and I believe values are going to improve with depth. Access is a difficulty on the west bank of the river here, but this also indicated an untapped potential. No evidence of a paleochannel crossing was found at this location.

AUTHORS QUALIFICATIONS

Registered Professional Forester active in the Province of BC. Part of this qualification involves knowledge of forest soils, geological and climactic processes.
Bachelor of Science in Forestry UBC
Relevant courses include:
Physics and chemistry first year
Basic forest surveying
Climatology and forestry
Physical and historical geography
Introduction to soils

A basic prospecting course was taken in 1979 at Northern Lights College in Fort St. John – no certificate available

Twenty years experience in forestry fieldwork including GPS surveys, interpretation of landforms from aerial photographs, soil classification, stream and wetland classification and mapping and drafting by hand, CAD and GIS

BIBLIOGRAPHY

BULLETIN **89**
IN THE CARIBOO REGION, BRITISH COLUMBIA **(93A, 6,** G, H)
By Victor M. Levson and Timothy R. Giles p92 Site 52 Lower Sovereign Creek Area.

Gold Strike - Historic detailed maps and information (placer/lode occurrences) of the Quesnel, BC easterly to Barkerville BC area
By J. K. Macgowan 1998