

Technical report for exploration and Prospecting

Lottie Lake Placer area

Tenure numbers: 565730, 565151
Tenure names: LOTTIE LOTTA, LITTLE LOTTIE
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: November 27, 2008

**BC Geological Survey
Assessment Report
30398**

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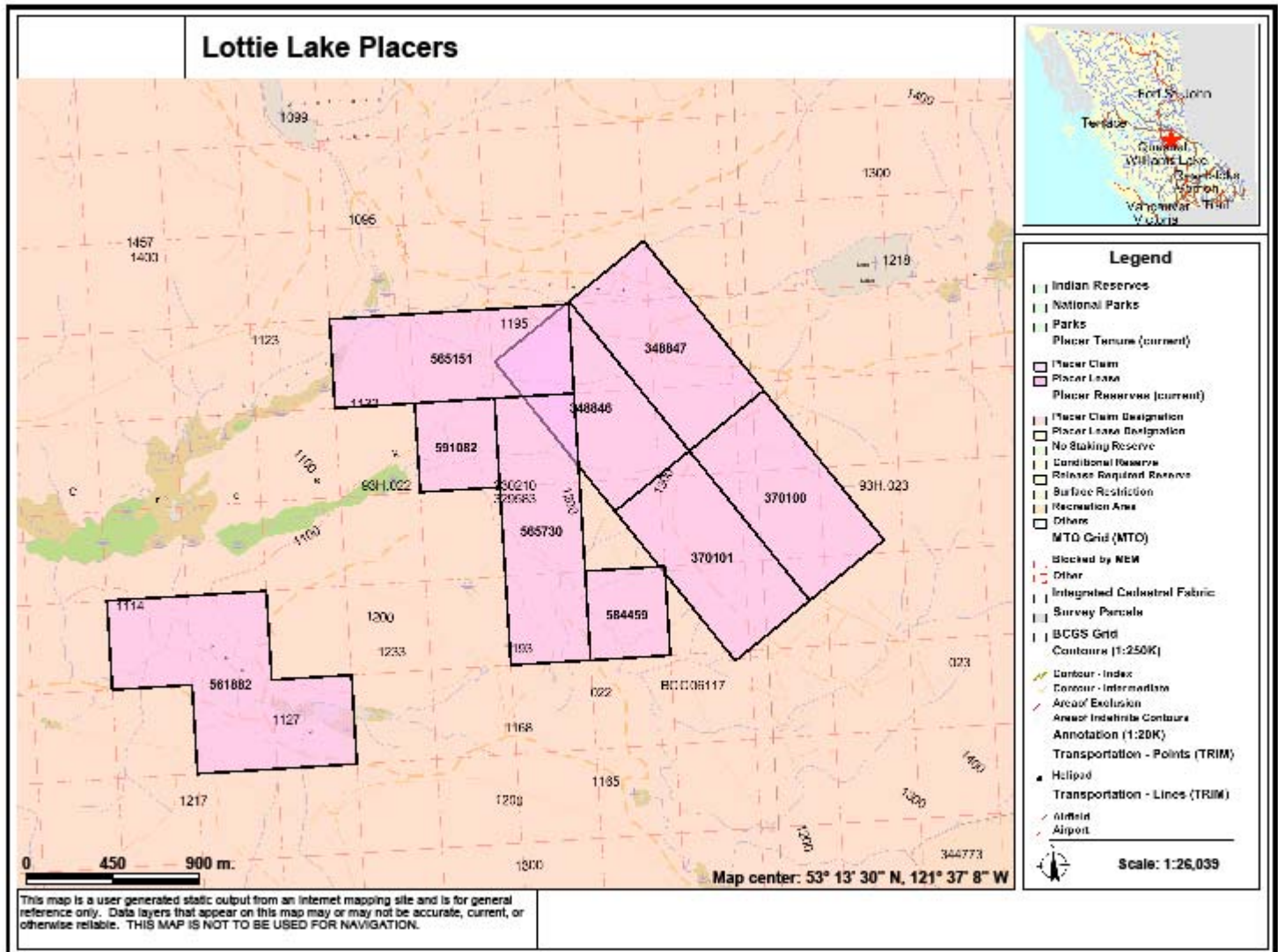
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INTRODUCTION

This report describes activities and results for 2007-8 explorations of claims in the Lottie Lake area

The prospecting area is located in the Quesnel Highlands landform and underlain by Slide Mountain Group rocks. The Pleasant valley thrust fault is located south of the claim area.

The claims are located at the junction of Big Valley and Lottie Creeks and are access by the Barkerville Highway, taking the 2400 forest road, the 24A road to 47 km and ATV or hike in on the old mining road that heads back to Bowron lake road via Nine Mile Lake. An index map is attached.



These placer claims have been previously located as legacy claims and there has been activity since the 1890's, off and on. In 1896 Big Valley Goldmines dug a 700-foot tunnel and a shaft was dug to 80 feet. Heavy gold was found on the rim rock. In 1926, drilling program was undertaken to the south of the claims with unremarkable results. In 1948 United Mining and Dredging Co. moved a dredge to Big Valley Creek from the Cottonwood area. The dredge recovered about 1oz of gold per 15 yards of material. There appears to be moderate economic potential for placer mining in this area.

DETAILED EXPLANATION OF TYPE OF EXPLORATION

The 2007/8 program focus was on surface sampling of:

- 1) Alluvial fans near junction of Lottie Creek and Westpass Creek. The fans are below active placer mining area.
- 2) The dry extension of the Big Valley Creek – connecting to Westpass valley.
- 3) Big Valley Creek south of dredging area

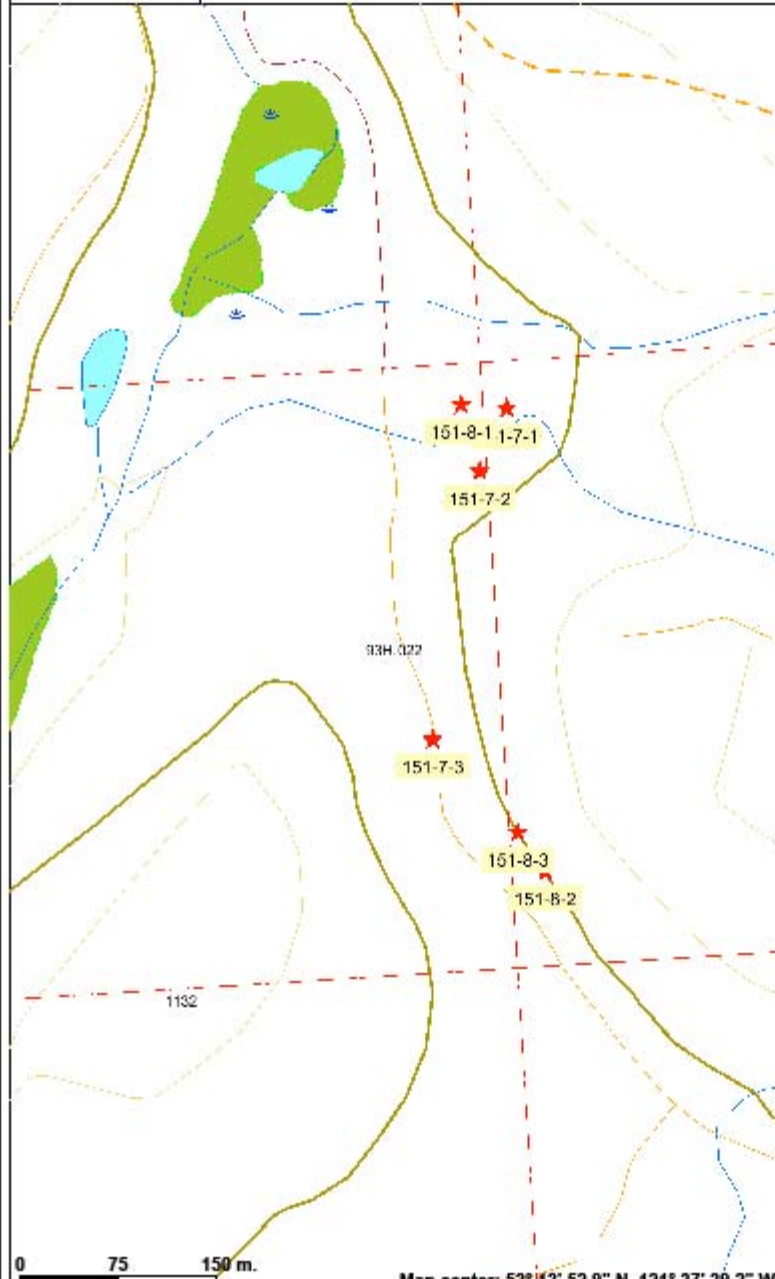
METHOD AND RESULTS OF SAMPLING

The table below shows the sampling undertaken in the 2007/8 seasons.

<u>Date</u>	<u>Tenure Number</u>	<u>Samples</u>	<u>Sample #</u>
24-Aug-08	565151	Lower fan sample & looked at new logging area	151-8-1
	565151	1 sample taken on the new road cut	151-8-2
	565151	1 sample taken on the new road cut	151-8-3
12-Jul-08	565730	sample at BV Creek	730-7-1
	565730	Sample at BV Bench	730-7-2
9-Sep-07	565151	Sample at upper fan	151-7-2
	565151	Sample at lower fan	151-7-1
	565151	Sample on roadway in existing pit	151-7-3

The map below shows a section of 565151 with sample locations

Sample Locations



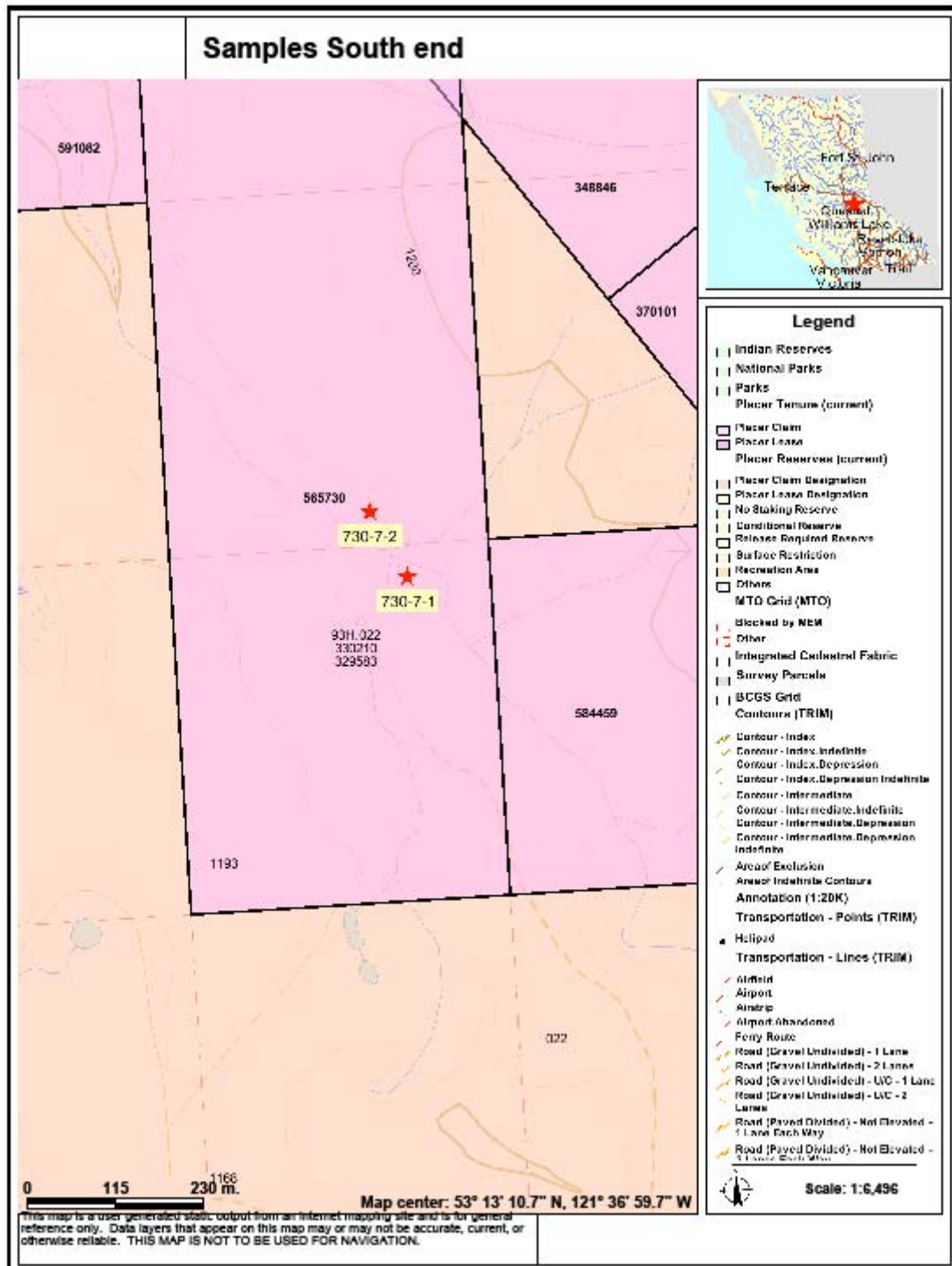
Legend

- Indian Reserves
- National Parks
- Parks
- MTO Grid (MTO)
- Blocked by NEM
- Other
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index, Indefinite
 - Contour - Index, Depression
 - Contour - Index, Depression, Indefinite
 - Contour - Intermediate
 - Contour - Intermediate, Indefinite
 - Contour - Intermediate, Depression
 - Contour - Intermediate, Depression, Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
 - Helipad
- Transportation - Lines (TRIM)
 - Gravel
 - Airport
 - Airstrip
 - Airport, Abandoned
 - Ferry Route
 - Road (Gravel Undivided) - 1 Lane
 - Road (Gravel Undivided) - 2 Lanes
 - Road (Gravel Undivided) - U/C - 1 Lane
 - Road (Gravel Undivided) - U/C - 2 Lanes
 - Road (Paved Divided) - Not Elevated - 1 Lane Each Way
 - Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
 - Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
 - Road (Paved Undivided) - Not Elevated - 1 Lane
 - Road (Paved Undivided) - Not Elevated - 2 Lanes
 - Road (Paved Undivided) - Not Elevated - 4 Lanes
 - Road (Paved Undivided) - U/C - Not Elevated - 4 Lanes
 - Road (Unimproved)
 - Canal/Roadway

Scale: 1:4,343

This map is a user-generated static output from an internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

The next map shows the locations of samples on tenure 565730



These samples were all hand dug small pits just below fine root layer. All sample sites were photographed when dug and after recontouring. An example is shown below.

151-8-1 sample pit



151-8-1 sample pit after recontouring



The volume was generally 5-10 litres in volume. The sample was classified by hand into the following screens: 2, 4, 8, 30 and 50. Some attempts were made to classify with 100 mesh, but it is very time consuming.

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:

Sample	Tenure #	Tenure Name	location	Date	pit vol	Fraction	Weight (g)	Vol (ml)	Black sand vol	AU pieces	Comment
151-7-1	565151	LITTLE LOTTIE	lower fan	22-Sep-08	11.14	2+	5260				
151-7-1	565151	LITTLE LOTTIE	2007	22-Sep-08		4+	750	457			
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		8+	469	300			
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		30+	882	625			
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		50+	194	180			
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		100+	155	140	0.05		1 100+ not sreened
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		100-					17
151-7-1	565151	LITTLE LOTTIE		22-Sep-08		Total	7710	1702	0.05		18

ITEMIZED COST STATEMENT

Field work summary to 2008

Date	Tenure Number	labourer	Time	Truck	total	Samples
24-Aug-08	565151	\$ 190.00	9.5hrs	\$ 38.00	\$ 228.00	Lower fan sample & looked at new logging area
	565151					Tested logged area for gravel - sand only
	565151					met miner in tresspass area
	565151					2 samples taken on the new road cut
12-Jul-08	565730	\$ 140.00	7hrs	\$ 28.00	\$ 168.00	sample at BV Creek
	565730					Sample at BV Bench
9-Sep-07	565151	\$ 180.00	9hrs	\$ 36.00	\$ 216.00	Sample at upper fan
	565151					Sample at lower fan
	565151					Sample on roadway in existing pit
					\$ 612.00	

SUMMARY

This prospecting did not result in finding a placer resource, but further targets warrant exploration. The alluvial fan area should be sampled at 1.5m depth to see if gold content increases with depth. Dredge tailings should be sampled for fine gold.

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

MINFILE Record Summary - MINFILE No 093H 112

BULLETIN 89

IN THE CARIBOO REGION, BRITISH COLUMBIA (93A, 6, G, H)

by Victor M. Levson and Timothy R. Giles p96 Site 60 Big Valley Cr.

Annual Report of the Minister of Mines

1896 pp508-9

1926 pp 168

1945 pp125

1949 pp236