

# Yukon Placer Database Operations Report



Field Name: Lizotte & Brent Construction Ltd., 1999-2000

Last Update: 16-Feb-2005

Status: Recent Producer 1978-present

Stream: Gold Run: a tributary of Dominion

Map Sheet(s): 1150/10, 1150/15

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## Operators

Name	From (Date)	To (Date)	Comment
Brent Construction Ltd.	1999/01/01	2000/12/31	
Ray Lizotte	1999/01/01	2000/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Brent Construction Ltd.	1999/01/01	2003/12/31	
Ray Lizotte	1999/01/01	2003/12/31	
Brent Construction Ltd.	1999/01/01	2000/12/31	
Ray Lizotte	1999/01/01	2000/12/31	

## General Location

This operation was located at the mouth of Laskey Pup which is a right limit tributary to Gold Run Creek approximately 3 miles from the confluence with Dominion Creek.

## Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 43 20	138 41 0		
2000/01/01	63 46 0	138 45 0		
1999/01/01	63 43 32	138 41 4		

## Water Licence(s)

Number	Comments
PM99-128	Expires: 2004/11/30

## Work History

The operation utilized a pond left by Teck Mining Ltd. For water acquisition and settling. There were two miners employed, working on a 12-hour shift per day. The operation sluiced 4052 cubic yards in one cut in 1999. In 2000, one 400-foot by 400-foot cut was mined, with 30,000 cubic yards sluiced. Approximately two thirds of the area apparently showed evidence of earlier hand working.

## Production

Year	Stripped	Sluiced
2000	Unknown	30000 cubic yards
1999	Unknown	4052 cubic yards

## Equipment

Two Caterpillar bulldozers with rippers, model D9H and D8K, were used to strip black muck. The D8K was also used to push pay gravel to a Caterpillar 235 excavator which fed the wash plant. A Caterpillar 980 Loader with an 8-yard bucket was used to remove tailings. A Caterpillar 988 loader was added in 2000. An automated monitor was also used to strip the frozen black muck overburden. In 1999, the wash plant consisted of a 16-foot by 18-foot hopper with a belt feeder which dumped into a 4-foot diameter trommel equipped with hydraulic riffles set at a slope of 1-inch per foot. This plant processed from 32 to 50 loose cubic yards per hour. In 2000, a Super Sluice

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plant with hydraulic riffles was used to process 100 to 150 loose yards per hour. A pond 2000 feet long by 300 feet wide was used for water acquisition and settling. The operation recirculated 100% of process water. A 10 by 12-inch Morris slurry pump powered by a 3408 Caterpillar engine pumped up to a maximum of 4000 igpm.

### **Environmental Work**

#### **Year Reclamation Work**

2003 Reclamation complete. Muck banks have stabilized naturally.

### **Landforms**

#### **Landform Comments**

Alluvial Valley

### **Surficial Geology**

The average valley width at this location was 1200 feet. The miners encountered 35 feet of frozen black muck which covered 1 foot of gravel. The gravel and 3 feet of bedrock were sluiced.

### **Bedrock Geology**

The bedrock was sloped and wavy sericite and chlorite schist.

### **Gold Comments**

The gold recovered was approximately 80% fine-grained and 20% coarse-grained. The purity of gold from this creek is typically 830 to 878.

### **References**

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 113

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 75

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 63-64

### **Pictures**

**Title:** Lizotte & Brent Construction Ltd., 1999-2000

#### **Notes:**

The automated hydraulic monitor used at Laskey Pup on Gold Run Creek by Ray Lizotte and Brent Construction.

