

# Yukon Placer Database Operations Report



Field Name: Pay Streak Placers, 1999-2003

Last Update: 11-Jan-2005

Status: Active Producer

Stream: Ontario Gulch: a tributary of Gold Bottom

Map Sheet(s): 1150/15

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## Operators

Name	From (Date)	To (Date)	Comment
Byron Bottle	1999/01/01	2002/12/31	
Richard A. Semple	1999/01/01	2003/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Byron Bottle	1999/01/01	2002/12/31	
Richard A. Semple	1999/01/01	2003/12/31	
Pay Streak Placers	1999/01/01	2003/12/31	

## General Location

Ontario Gulch is a tributary of Gold Bottom Creek. This operation has no camp set up as the location is only 45 minutes out of Dawson City.

## Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 56 57	138 58 25		
2003/01/01	63 59 0	138 59 0		
2002/01/01	63 57 0	138 58 0		

## Water Licence(s)

Number	Comments
PM01-229	

## Work History

Richard Semple and Byron Bottle began testing this property in 1999. In 2001, a water licence was obtained as results of the drilling were promising. Due to a delay in the water licence process, the operators were unable to strip until late fall. An area 60 by 100 feet and approximately 6 feet deep was opened up to thaw and a start made on the bedrock drain. The bedrock drain and additional stripping was done in 2002, covering an area 1125 feet long by 75 feet wide and 4 feet deep. The operators uncovered a few old shafts and three old drift portals on the bench in upper Ontario Gulch.

2003 - An area approximately 200 by 300 feet was stripped downstream of a left limit tributary on Ontario Gulch. A cross valley dam was built in the lower reaches.

## Equipment

Testing in 1999 was accomplished using a 6" Auger drill. In 2000 the operators acquired a 1-1/4 inch Hitaachi Hammer drill and using it in combination with Gel dynamite, blasted 2 foot rounds down to bedrock. A 6 by 12 foot long tom was used to test gravels. A D9G Caterpillar bulldozer with a U blade and a 931 Loader with a 1/4 yard bucket were brought on site in 2001 for stripping and feeding the sluice plant. A 3 by 6 foot shaker box with 3/4 inch punch plate and a 2 by 8 foot sluice run equipped with 1 1/4 inch riffles was moved onto the property for the 2002 season. Construction of settling ponds will be done in 2002. Water will be pumped into a reservoir for sluicing purposes and settled out prior to its return to Gold Bottom Creek. As Ontario Gulch is fairly narrow, the operator has been licenced for instream works including a cross valley dam if required. Clean ups will be done with a 2 cell Pulsator Jig.

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2003 - A CPC Droptt 40 Excavator and D6 Caterpillar bulldozer were employed.

**Landforms**

**Landform**

**Comments**

Mining Cut

**Surficial Geology**

The stratigraphy of this area is composed of 12 to 16 feet of moss and black muck intermixed with an old forest layer about 1½ feet thick. A 4 to 6 foot angular gulch gravel layer contains some large quartz boulders. The ground is largely permafrost.

**Bedrock Geology**

Bedrock is blocky composed of green muscovite, feldspar and quartz schist.

**Gold Comments**

Coarse gold was recovered during testing, but until mining actually begins the average particle size, quality and fineness will not be known.

**References**

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 79

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 106