

# Yukon Placer Database Operations Report



**Field Name: Jacobs, 2002**

**Last Update: 17-Feb-2005**

**Status: Recent Producer 1978-present**

**Stream: Hunker: a tributary of Klondike**

**Map Sheet(s): 1150/14**

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## Operators

Name	From (Date)	To (Date)	Comment
Graham Jacobs	2002/01/01	2002/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Geoffrey Jacobs	2002/01/01	2003/12/31	
Graham Jacobs	2002/01/01	2002/12/31	

## General Location

This operation was located on a right limit bench of Hunker Creek between Bee Gulch and Trilby Creek through the 2002 season.

## Location Details

Date:	Latitude			Longitude			Elevation (feet)	Distance from Mouth (feet)
	Deg	Min	Sec	Deg	Min	Sec		
2003/01/01	63	58	31	139	0	18		
2002/01/02	63	59	0	139	0	0		
2002/01/01	63	59	0	139	0	0		

## Water Licence(s)

Number	Comments
PM01-233	Expires: 2006/11/30

## Work History

Equipment was moved onto the property in the fall of 2002. Mining occurred through the entire season by two miners and one camp person operating a single 12-hour shift. A total of five cuts were prepared and sluiced. Two of the cuts were 450 feet by 90 feet and three of the cuts were 150 feet by 90 feet. The operation was shut down and the reclamation was started in the fall due to poor results. In 2003, reclamation was completed for final decommissioning.

## Equipment

A Caterpillar D9H bulldozer was used for stripping overburden, pushing up the pay gravels, and reclamation. A Kobelco 907 excavator was used to feed the wash plant and an Hitachi UH07 excavator removed tailings and helped in the stripping operations. A wash plant obtained from Clinton Creek was used. Pay gravels were loaded into a hopper which fed into a 5-foot by 10-foot oscillating screen deck that classified the gravels to  $-\frac{3}{4}$  inch. The classified pay gravels then passed over four boil boxes before being washed through 2-foot by 8-foot sluice runs equipped with hydraulic riffles. The oversize material was carried off and stacked by a 40-foot long conveyor. A 3-inch by 4-inch Indeng pump, powered by a 120 hp engine, pumped water from Hunker Creek up onto the bench when make-up water was needed. A 6-inch by 6-inch Ajax pump supplied water to the wash plant for sluicing approximately 80 cubic yards per hour. A full recycle operation was set up on the bench. Make-up water was pumped from an instream reservoir on Hunker Creek up into a series of ponds on the bench. The sluice water was treated on the bench and make-up water was only pumped when required. No direct discharge back to Hunker Creek occurred.

## Environmental Work

Year	Reclamation Work
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