

Yukon Placer Database Operations Report



Field Name: Jacobs, 1998-2000

Last Update: 17-Feb-2005

Status: Recent Producer 1978-present

Stream: Lousetown Bench: a tributary of Klondike

Map Sheet(s): 116B/3

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Operators

Name	From (Date)	To (Date)	Comment
Geoffrey Jacobs	1998/01/01	2000/12/31	
Graham Jacobs	1998/01/01	2000/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Jacobs Industries	2003/01/01	2003/12/31	
Geoffrey Jacobs	1998/01/01	2000/12/31	
Graham Jacobs	1998/01/01	2000/12/31	

General Location

The Jacobs brothers ran a two person operation on the Lousetown Bench above the Klondike River about ½ kilometre upstream from its confluence with the Yukon River.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	64 2 45	139 26 19		
2000/01/01	64 1 0	139 26 0		
1998/01/01	64 2 0	139 25 0		

Water Licence(s)

Number	Comments
PM99-081	Expires: 2004/11/30

Work History

In 1998 old mine tailings were mined from a cut about 50 feet wide by 1000 feet long. In 1999 a new cut 150 feet wide by 2000 feet long was mined. During 2000 two cuts were excavated 150 feet by 500 feet and 30 feet by 600 feet.

2003 - Jacobs was nominated for the annual Robert E. Leckie award for best mining practices. This site has already been reclaimed.

Equipment

One Caterpillar D9H bulldozer was used for stripping overburden and levelling tailings. One Hitachi UH07 excavator was used to dig pay gravel and load a Dodge 10 yard dump truck which hauled the gravel to one Kobelco 907 excavator which was used to feed the wash plant. A metal hopper fed to a 5 feet by 10 feet oscillating screen deck which classified to 3/4 inch. Two sluice runs were each 8 feet wide by 10 feet long with hydraulic riffles for the first four feet. Tailings were removed and stacked by a 50 feet conveyor belt. A 5 inch water pump powered by a diesel engine recycled about 1200 igpm which was used to process up to 80 yards per hour. A 6 inch Ajax pump powered by a Deutz diesel engine supplied make up water from the Klondike River via a 5 inch aluminum pipe up onto the bench where it was recycled in several large ponds located in old mining cuts. There was no discharge to any water course.

Environmental Work

Year	Reclamation Work
2003	Contoured and resloped old mine works, which encouraged a wide variety of growth.

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Landforms

Landform	Comments
Alluvial Terrace	

Surficial Geology

Two or three feet of organic soil overlay 10 to 20 feet (3-6 meters) of mixed mud and gravel on top of White Channel Gravel which was 10 to 15 feet (3-5 meters) deep. All of the White Channel Gravel plus one or two feet of bedrock were sluiced.

Bedrock Geology

Bedrock is soft, graphitic quartz-mica schist, quart-sericite schist with minor quartz veins and lenses. It is badly decomposed to at least 1.2 metres (4 feet) below the bedrock surface.

Gold Comments

Only a few small flakes among mostly powder gold with fineness between 800 and 830 was cleaned up using a Gold Wheel.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 50

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 61