

Yukon Placer Database Operations Report



Field Name: Ganter, 1994-2003

Last Update: 26-Apr-2004

Status: Active Producer

Stream: Ten Mile: a tributary of Sixtymile

Map Sheet(s): 115N/9, 115O/12

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Operators

Name	From (Date)	To (Date)	Comment
Mr. Foy	2003/01/01	2003/12/31	
Jonathan M. Ganter	1994/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Mr. Foy	2003/01/01	2003/12/31	
Jonathan M. Ganter	1994/01/01	2003/12/31	

General Location

In 1994, this operation was located near the mouth of Ten Mile Creek. In 1997, the operation moved several miles upstream to where Oak Bay Manor had finished their mining. In 1998, a stripping program occurred about mid-creek, just downstream of Flume Creek; this was the locality of subsequent stripping, and mining in 2003.

Location Details

Date:	Latitude			Longitude			Elevation (feet)	Distance from Mouth (feet)
	Deg	Min	Sec	Deg	Min	Sec		
2003/01/01	63	31	15	140	0	21		
2002/01/01	63	32	0	140	0	0		
1998/01/01	63	32	0	140	0	0		
1995/01/01	63	32	0	140	0	0		
1994/01/01	63	31	48	139	55	48	1,200	

Water Licence(s)

Number	Comments
PM96-074	Expires: 2005/04/30
PM93-024	

Work History

In 1994, Jonathan Ganter ran this operation with 4 miners and one camp person. Two cuts (465 feet by 100 feet, and 300 feet by 150 feet) were mined. In 1995, Mr. Ganter had a crew of 5 miners. Four cuts (300 by 50, 325 by 225 feet, 650 by 50 feet and 325 by 225 feet) were sluiced. The following year the crew dropped to 4 miners, who sluiced a single cut measuring 300 by 250 feet. Three miners mined an area measuring 350 by 125 feet in 1997. Between 1998 and 2002 mostly stripping took place, with an area 2500 feet long by 125 feet wide and averaging about 3 feet in depth done in 1999. Some stripping took place in 2002 just upstream of the main camp. In 2003, although Ganter and Foy shut down the operation early, some mining was completed; a large area had been stripped and left exposed to thaw black muck.

Production

Year	Stripped	Sluiced
1999	34720 cubic yards	Unknown

Equipment

A D9H Caterpillar bulldozer and a D8K bulldozer were used for stripping and stockpiling pay gravels. A 966D

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Caterpillar loader was used for the sluicing. A 10-foot wide Derocker lead into a single sluice run 4 feet wide by 37 feet long. The run was lined with one-inch angle iron riffles and Nomad matting. The run was built with a 2-inch gap between the matting and riffles. The sluice plant processed 80 cubic yards per hour. A 10 by 12 inch Paco pump supplied the 5000 igpm needed for sluicing. Water was pumped from instream reservoirs/recycle ponds on Ten Mile Creek. The effluent treatment occurred in both instream and out-of-stream settling ponds.

In 1995 a Caterpillar D9H bulldozer and a Caterpillar D8K bulldozer were used for stripping and stockpiling pay gravels. A Caterpillar 988A loader and a caterpillar 966D loader were used for feeding the sluice plant and dealing with tailings. A 10-foot wide Derocker classified the pay gravels before being washed through a single sluice run 4 feet wide by 37 feet long. The run was lined with 1-inch angle iron riffles and Nomad matting. The run was designed with a 2-inch gap between the matting and riffles. A 10-inch by 12 inch Paco pump supplied the 5000 igpm needed to sluice approximately 75 cubic yards per hour/ Water was pumped from instream reservoirs/recycle ponds on Ten Mile Creek. The effluent was treated in both instream and out-of-stream settling ponds.

During the 1998, 1999, 2002-2003 seasons, again a D9H Caterpillar tractor was used to strip the vegetation and black muck. No wash plant was used during the period of this report. The license allows for in-stream reservoirs out of which recycling is conducted. Effluent is treated in either in-stream or out-of-stream settling ponds generally comprised of old mining cuts.

Landforms

Landform

Comments

Alluvial Valley

Surficial Geology

In 1994, the ground varied from 6 to 25 feet deep, with an average cut 10 feet deep. Most cuts had black muck overlying several layers of gravel and sand. A thin clay layer containing gold was situated just above bedrock. An average of 3 feet of gravel was sluiced. In 1997, the ground mined at the upstream end of Ten Mile Creek averaged 10 feet deep with 10 feet of frozen muck overlying 6 feet of gravels. In this location, the bedrock was usually hard and flat; all of the gravels and about 1 foot of the bedrock were sluiced. The cuts near the mouth of Ten Mile Creek varied in depth from 6 to 25 feet deep but averaged 10 feet. Between 1998 and 2002, the ground was similar to previous years. Toward the upstream end of Ten Mile Creek the section averaged 10 feet of frozen black muck over 6 feet of gravels. At the mouth, overburden ranged from 6 to 25 feet deep.

Bedrock Geology

Schist bedrock varied from hard and flat near the top of Ten Mile Creek to soft and wavy near the mouth.

Gold Comments

In 1994, ten percent of the gold was greater than 10 mesh, 85% was -10 to +60, and 5% was less than 60 mesh. Nuggets were usually smooth and either round or flat. Fineness was 840. The following year, a variety of gold sizes were recovered. Approximately 10% of the gold was +10 mesh with the majority of the gold-10 to +60 mesh. The larger nuggets were usually smooth. The purity of the gold was 830. In 1997, a 3.5 ounce nugget was recovered.

References

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Pictures

Title: Ganter operation, 2003.

Notes:

