

Yukon Placer Database Operations Report



Field Name: Sota Computing Systems Ltd., 1999-2002

Last Update: 24-Feb-2005

Status: Recent Producer 1978-present

Stream: Fourth of July: a tributary of Jarvis

Map Sheet(s): 115G/1

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
John Fischer	1999/01/01	2003/12/31	
Sota Computing	1999/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Tom Churchill	1999/01/01	2003/12/31	
John Fischer	1999/01/01	2003/12/31	
Sota Computing	1999/01/01	2003/12/31	

General Location

Since moving to Fourth of July Creek in 1999, Fischer mined on the left limit of this creek between Eva Creek to the north and Twelfth of July Creek to the south.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	61 10 41	138 3 25		
2002/01/01	61 10 0	138 3 0		
1999/01/01	61 10 0	138 3 0		

Water Licence(s)

Number	Comments
PM99-033	Expires: 2009/11/15

Work History

Three miners and one camp person were employed in a 24-hour shift. In 1999, one continuous mining cut was made and 172,630 cubic yards of material were moved. Two cuts were made in 2000. The first cut was 34 feet deep by 145 feet wide by 750 feet long and the second cut was 20 feet deep by 110 feet wide by 650 feet long. In 2001, one cut was made 18 feet wide by 90 feet wide by 1,950 feet long. During the 2002 season, a cut 12 feet deep by 150 feet wide by 1950 feet long was constructed on the left limit of the creek south of Ali Creek. By 2003, all reclamation requirements under this license were completed, and Fischer intended to assign the license over to Tom Churchill, the owner of the claims.

Equipment

The equipment used during the past four years consisted of a 6-foot floating trommel, a Hyundai 320 excavator for feeding the plant, a Hyundai 320 excavator for shifting rock and performing miscellaneous tasks, a Komatsu 355 bulldozer with ripper for stripping and reclamation work, and a 4500-gallon fuel truck. A 6-foot trommel floating on pontoons with a 50-foot stacker for tailings was used. Power was provided by a 6-cylinder Isuzu diesel engine that also ran the water pump. Gold was recovered on two 8-foot wide tables with hydraulic riffles. Water was acquired from the dredge pond and was 100% recycled. Typically, the pond size was approximately 150 feet long by 60 feet wide by 18 feet deep and the tailings were used to filter and settle the waste water.

Environmental Work

Year	Reclamation Work
2003	All waste piles were contoured and spread over the mined out areas. Stream channel was left very

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Page 2 of 2

Environmental Work

Year **Reclamation Work**
stable

2002 All of the silt, clay and old tailings that were stripped and stockpiled were used to cover the levelled tailings on an ongoing basis.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

The ground encountered in this area was comprised of a 12- to 14-foot thick layer of silt and clay over over 4 feet of pay gravel. Large quantities of old tailings from previous operators also had to be moved.

Bedrock Geology

Bedrock consists of Yukon Complex quartz-sericite-chlorite schist and minor quartzite.

Gold Comments

Approximately 90% of the gold was very tiny nuggets about 16 mesh with very few larger nuggets, none of which were over 9 grams. Fineness averaged between 800 and 820.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 192-193

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 4, 29

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 30-31

Pictures

Title: Sota Computing Systems Ltd., Gladstone Placer Area

Notes:

Sota Computing's New Zealand-style floating wash plant at Fourth of July Creek.

