

Yukon Placer Database Operations Report



Field Name: Schmidt Mining, 2001-2002

Last Update: 16-Feb-2005

Status: Recent Producer 1978-present

Stream: Glacier: a tributary of Big Gold

Map Sheet(s): 116C/2

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Operators

Name	From (Date)	To (Date)	Comment
Schmidt Mining	2001/01/01	2002/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Schmidt Mining	2001/01/01	2002/12/31	

General Location

Schmidt's operation was located on Glacier Creek, just downstream from K-1 Mining.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	64 1 46	140 47 56		
2002/01/01	64 2 0	140 48 0		

Water Licence(s)

Number	Comments
PM99-094	K-1 Mining Services water licence
PM97-026	K-1 Mining Services water licence

Work History

During the 2001-2002 seasons, Schmidt and his crew mined on Glacier Creek under water use licenses held by K-1 Mining Services Ltd. The crew was four miners and one camp employee working two 12-hour shifts per day. Schmidt Mining worked part of the season each year at this location, and two cuts were sluiced in 2002. The first was 40,000 square feet and the second was 30,000 square feet.

Production

Year	Stripped	Sluiced
2002	Unknown	70000 square feet

Equipment

One Caterpillare D10N bulldozer wa used to mine at this site. The wash plant was a four-run sluice box with passive screening. It had a manually controlled feed with a monitor. The plant processed 150 loose yards per hour with water supplied by a 10 by 12-inch Morris pump, powered by a Caterpillar engine. Process water was partially recycled in out-of-stream ponds on the right limit of Glacier Creek, with a 50% recycle rate.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

An area was stripped on a left limit bench at the upstream end of the claim block. In 2002, the operation worked in an area of previously mined ground near the mouth of Owl Gulch, where previous mining took place in the 1940s and 50s.

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Bedrock Geology

The rocks in the Sixtymile district are similar to those occurring on the Yukon River Valley above Dawson. The beds have a general east and west strike, and a section from Fortymile south to the Sixtymile shows two broad bands of dark quartz-mica schists, quartzites and crystalline limestones similar to the Indian River series.

Gold Comments

The purity of the gold recovered was 820 fine; lots of amalgam was reportedly encountered.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 128