

Yukon Placer Database Operations Report



Field Name: Moosehorn Exploration Ltd., 1998-2003

Last Update: 24-Feb-2005

Status: Active Producer

Stream: Swamp: a tributary of Scottie

Map Sheet(s): 115N/2

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Owners

Name	From (Date)	To (Date)	Comment
Moosehorn Exploration	1998/01/01	2003/12/31	

General Location

Moosehorn Exploration mined Swamp, Soya and Diana Creeks under this water license.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 1 57	140 57 14		
2002/01/01	63 2 0	140 57 0		
1998/01/01	63 2 0	140 57 0		

Water Licence(s)

Number	Comments
PM98-018	Expires: 2008/09/30

Work History

Two to four miners and one camp personnel worked these creeks in a single 11-hour shift.

In 2002-2003 this operation moved from Soya Creek to Swamp Creek because of low water in the area.

Equipment

1998-2003 - D8H and D7 bulldozers were used for trenching and road building. A 225LC excavator was used for trenching and test pits. A 966C loader was used to feed the processing plant. The processing plant consisted of a wet dump box, a 3/4-inch grizzly and sluice run with hydraulic riffles. Water was acquired by a pump from an in-stream reservoir with approximately 95% re-circulation. The effluent was treated in a number of in-stream settling ponds.

2003 - Total recirculation of water.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

The ground varied with zero to 30 feet of black muck and four to 30 of pay gravels on bedrock.

Bedrock Geology

Early Jurassic Aishihik Suite medium- to coarse- grained, foliated biotite-hornblende granodiorite; biotite rich screens and gneiss schlieren; foliated hornblende diorite to monzodiorite with local K-feldspar megacrysts; may include unfoliated monzonite of the Long Lake Suite (Aishihik Suite)

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 140

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 23

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 23

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References

Yukon Placer Atlas Website. 2005. <http://maps Yukon.gov.yk.ca/webmaps/mining/placer/viewer.htm>. Bedrock Geology- Regional Unit Layer.:

Pictures

Title: Moosehorn Exploration, Swan, Soya and Diana Creeks

Notes:

