

Yukon Placer Database Operations Report



Field Name: Ferguson, 2002

Last Update: 16-Feb-2004

Status: Recent Producer 1978-present

Stream: Quartz: a tributary of Indian

Map Sheet(s): 1150/14

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Operators

Name	From (Date)	To (Date)	Comment
Kim Ferguson	2002/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Kim Ferguson	2002/01/01	2003/12/31	

General Location

This small family operation was located near the mouth of Quartz Creek, on a portion of a bench claim of Indian River.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 44 55	139 8 7		
2002/01/01	63 45 0	139 8 0		

Water Licence(s)

Number	Comments
S3DD012	
Sched III, LP00323	

Work History

2002 - Ferguson optioned the ground from Nnahtur Resources Ltd. The operation was completed in early fall and all reclamation was performed. Two miners and one camp personnel were involved in this operation of short duration. Two cuts were made at the site, one approximately 600 by 30 feet and the second around 450 by 45 feet.

Equipment

A Caterpillar IL300 and Caterpillar D966A excavator was used to excavate material and feed the sluice box, as well as for stripping and reclamation. A small trommel and pump were used to complete this less than 300 cubic metres per day operation. Activities were conducted well out-of-stream using an existing tailings pond as a reservoir and discharging effluent onto old coarse tailings with no return to any creek.

Environmental Work

Year	Reclamation Work
2003	Newly contoured areas showed a fifty per cent growth over the surface area.
2002	As per the requirements of the Class II approval, reclamation was completed before the operator left the site.

Landforms

Landform	Comments
Alluvial Terrace	

Surficial Geology

The area was in close proximity to already mined ground. Overburden was a nominal 2 to 3 feet and the ground was not frozen. Coarse Indian River gravels to bedrock were observed.

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Bedrock Geology

Bedrock was typical blocky, unconsolidated schist.

Gold Comments

As is typical in this area on Indian River at Quartz Creek, gold was fine and flaky with very few to none of nugget or jewellery size. Fines were generally 785.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 90

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 44