

Yukon Placer Database Operations Report



Field Name: Fellers, 2002

Last Update: 15-Feb-2005

Status: Active Non-Producer

Stream: Barker: a tributary of Stewart

Map Sheet(s): 1150/12

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Operators

Name	From (Date)	To (Date)	Comment
Derek Fellers	2002/01/01	2002/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Derek Fellers	2002/01/01	2002/12/31	

General Location

This operation is on the left hand limit of Barker Creek, in the valley bottom immediately adjacent to the creek and camp.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 8 4	138 54 52		
2002/01/01	63 8 4	138 54 52		

Water Licence(s)

Number	Comments
PM02-270	Expires: 2011/07/15

Work History

Little time was spent at this site in 2002; the site was set up with one cut opened on the left limit of Barker limited yardage processed.

Equipment

Water was acquired by a gravity feed ditch to a small pump pond. A pump was used to feed the processing plant. The effluent was treated in one out-of-stream settling pond prior to the flow returning to Barker Creek.

Landforms

Landform	Comments
Alluvial Valley	

Bedrock Geology

The rocks exposed along Barker Creek are chiefly the old schistose and gneissic members including mainly mica schists, hornblende schist, schistose quartzite, mica gneiss, and schistose amphibolites, the hornblende varieties being very prominent particularly along the upper portion of the creek. With these rocks are associated some old crystalline limestones which are in places dolomitic. These older rocks are all locally, and in places quite extensively intruded by granitic and pegmatitic rocks, as well as by certain greenstone rocks, all of which are probably of Carboniferous or Mesozoic age. The gravels, being of local origin, are mostly derived from the schistose and gneissoid rocks, and, accordingly, the pebbles and boulders composing them are for the greater part flat or tabular in form. Some well rounded granitic, pegmatitic, and greenstone members also occur, however, both in the creek and bench gravels.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 144

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References

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: Whitehorse, p. 10

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 12-13

Pictures

Title: Feller's operation on Barker Creek

Notes:

