

Yukon Placer Database Operations Report



Field Name: Bodin, 2000-2003

Last Update: 23-Feb-2005

Status: Active Producer

Stream: Kentucky: a tributary of Dominion

Map Sheet(s): 1150/15

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Operators

Name	From (Date)	To (Date)	Comment
Peter Bodin	2000/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Peter Bodin	2000/01/01	2003/12/31	

General Location

Kentucky Creek is a left limit tributary of Dominion Creek. Bodin's operation has been working an area upstream of the Dominion Creek Road.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 45 37	138 2 23		
2003/01/01	63 46 0	138 30 0		
2002/01/01	63 45 44	138 30 46		

Water Licence(s)

Number	Comments
PM99-071	Expires: 2009/09/15

Work History

2001-2002 - Peter Bodin was in the early stages of operation at this site, and ground preparation had been progressing each year. Mr. Bodin worked the site alone, putting in one eight-hour shift per day. Mr. Bodin had not yet begun to sluice at this location. One cut 110 feet by 86 feet was stripped to allow thaw. No actual sluicing occurred in 2002, but an area approximately 110 by 86 by 2 feet deep was stripped to frozen black muck for thawing.

2003 - Bodin continued mechanical stripping on the left limit.

Equipment

Two Caterpillar bulldozers, models D8H and D6, as well as a Caterpillar model 977H front-end loader were used to mine the site. The wash plant which Mr. Bodin plans to use is a 36-inch drum trommel which is fed by a conveyor belt fed by a dump box. Water will be supplied using a 4-inch Monarch pump powered by a Dietz engine. Mr. Bodin anticipates using 1400igpm to wash 25 cubic yards per hour. Process water will be obtained from Kentucky Creek. The settling system will be two out-of-stream ponds each 50 feet by 50 feet.

Environmental Work

Year	Reclamation Work
2002	A 16-inch culvert was placed under the access road and contained flow.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

Drilling of the site has indicated 19 to 24 feet of frozen black muck over gravel. The muck overlays approximately

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3 feet of gravels. All of the gravel section will be sluiced.

Bedrock Geology

Bedrock is mapped as Carbiniferous and Permian tan to rusty and black weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (+/-chlorite) schist; includes augen gneiss and amphibolite (Klondike Schist)

Gold Comments

Gold is expected to have a fineness of 820 based on gold found in the surrounding area.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 115-116

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 14

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 15-16

Pictures

Title: Kentucky Creek, a left limit tributary of Dominion

Notes:

Peter Bodin's camp on the right limit of Kentucky Creek in 2000. Initial stripping can be seen across the valley from the camp.

