

Yukon Placer Database Operations Report



Field Name: Wolreid WGR Mining Ltd., 1998-1999, 2002-2003

Last Update: 16-Feb-2005

Status: Active Producer

Stream: Bonanza: a tributary of Klondike

Map Sheet(s): 1150/14

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Operators

Name	From (Date)	To (Date)	Comment
Kent Jenkins	2003/01/01	2003/12/31	
Steve van Bibber	2003/01/01	2003/12/31	
Daniel B. Trudeau	2002/01/01	2002/12/31	
Roland Berglund	2002/01/01	2002/12/31	
John Adam	1998/01/01	1999/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Kent Jenkins	2003/01/01	2003/12/31	
Steve van Bibber	2003/01/01	2003/12/31	
Daniel B. Trudeau	2002/01/01	2002/12/31	
Roland Berglund	2002/01/01	2002/12/31	
Wolreid WGR Mining Ltd.	2002/01/01	2003/12/31	
John Adam	1998/01/01	1999/12/31	
Wolreid WGR Mining Ltd.	1998/01/01	1999/12/31	

General Location

Between 1998 and 1999, this operation was located on Bonanza Creek, on the right limit of the valley bottom, between Mosquito Gulch and Queen Gulch. The operation was moved to the left limit bench of Magnet Hill in 2002.

Location Details

Date:	Latitude			Longitude			Elevation (feet)	Distance from Mouth (feet)
	Deg	Min	Sec	Deg	Min	Sec		
2003/01/01	63	58	47	139	21	38		
1998/01/01	63	59	0	139	15	0		

Water Licence(s)

Number	Comments
PM97-031	Expires: 2004/06/01

Work History

This was a one person operation during the 1998-1999 seasons. A mining cut about 150 feet wide was excavated back into the hillside about 35 to 40 feet per season. Several prehistoric mammoth bones and tusks were found within the frozen overburden. No further activity occurred until 2002, when Roland Berglund and Dan Trudeau took over mining the property and moved over to the left limit bench of Magnet Hill. 2,500 cubic yards of previously stripped material was sluiced in the fall, and two small test pits were dug on the left limit bench and trucked down to the wash plant upstream from Dredge #4. Steve van Bibber and Kent Jenkins mined at this location for part of the 2003 season.

Production

Year	Stripped	Sluiced
2002	Unknown	2500 cubic yards

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Production

Year	Stripped	Sluiced
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Equipment

In 1998 and 1999, an Hitachi 400 excavator was used to dig pay gravel as well as for cleaning out settling ponds. One Caterpillar D9 bulldozer was leased temporarily to rip bedrock and one Caterpillar 966 loader was used full time to feed the wash plant and to remove tailings. Frozen overburden was hydraulically stripped using a 4 inch nozzle water monitor. One 10 by 12 inch pump, powered by a Caterpillar 3206 engine supplied about 4000 igpm to the water monitor during the hydraulic stripping. A 10 by 20 foot Derocker fed into an 8 by 8 foot sluice run with hydraulic expanded metal riffles, followed by a 3 by 30 foot long sluice run with 1 1/2 inch angle iron riffles. A Lister 4 inch water pump supplied about 1500 igpm, which was used to process about 100 cubic yards of material per hour. Water was pumped from an instream reservoir and was cleaned in two out-of-stream settling ponds beside Bonanza Creek. Gold was cleaned up using a jig, a long tom and a vibrating gold table. When the change in operators occurred in 2002, the equipment consisted of a D9 and D8 Caterpillar bulldozer used for stripping and general purposes, a 988F Caterpillar loader, which fed the sluice plant, and a 280 Samsung hoe loaded a 15 yard Mack dump truck for hauling materials. A 4 foot trommel with a 12 by 12 foot grizzly was used. The conveyor used was 2 by 30 feet and screened material to 1/2 inch minus. The sluice runs were 4 by 6 feet, lined with Hungarian riffles. A Monarch 6 by 6 inch pump was powered by a Deutz diesel engine capable to processing 800 igpm. Water was pumped from the same reservoir as previous years; however, the number of out-of-stream settling ponds increased to four with a 50% recycle rate.

Environmental Work

Year	Reclamation Work
2002	The instream dam was removed and stream restored to original channel. Instream, the dug-out pond was backfilled and covered with rocks and cobbles, and the trench was backfilled and sloped.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

Frozen black muck with ice lenses was up to 70 feet deep on top of about 6 feet of pay gravel. All gravel plus one foot to 18 inches of bedrock were sluiced.

Bedrock Geology

Bedrock was hard, chunky and broke off in blocks. The rocks along Bonanza Creek consist almost entirely of the light greyish and greenish sericite schists of the Klondike series, alternating in the upper bands of green chloritic schists. Narrow bands of dark graphitic schists cross the valley above the mouth at Adams Creek and at one or two points, and a wide porphyry dike forms a point about a mile below Boulder Creek. The light coloured schist, probably represents a crushed acid eruptive, and occurs in heavy beds, in hard flags, and as a finely foliated and soft rock. It is nearly everywhere more or less silicified and encloses numerous quartz veins, most of which run parallel to the schistose structure, although a few cut across it.

Gold Comments

Gold was mostly fine with a few larger flakes but no nuggets; fineness was around 780.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p.52
 Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 131

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Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 112