

Yukon Placer Database Operations Report



Field Name: Roberts & White, 1996-2003

Last Update: 21-Feb-2005

Status: Active Producer

Stream: Gauvin Gulch: a tributary of Upper Bonanza

Map Sheet(s): 1150/14

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Edward White	1996/01/01	1999/06/24	Edward White passed away on 24 June 1999.
Wallace L. Roberts	1996/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Edward White	1996/01/01	1999/06/24	Edward White passed away on 24 June 1999.
Wallace L. Roberts	1996/01/01	2003/12/31	
Roberts & White	1996/01/01	2002/12/31	

General Location

This operation was located on upper Gauvin Gulch about 2 ½ miles upstream from its confluence with the right limit of Bonanza Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 56 40	139 15 5		
1998/01/01	63 57 0	139 14 0		

Water Licence(s)

Number	Comments
PM02-286	Expires: 2003/05/01
PM97-033	

Work History

The property was tested in 1996 and 1997, and mining began in 1998. This was a two person operation until June 24, 1999 when one of the partners, Edward White, passed away. One mining cut in the centre of the valley bottom was about 60 feet wide and was stripped and processed for a length of about 30 feet in 1998, 50 feet long in 1999, 30 feet long in 2000 and 36 feet long in 2001. A similar size cut was mined in 2002, totalling around 2500 cubic yards.

In 2003 this was a small two person operation run by Mr. Roberts and his wife.

Production

Year	Stripped	Sluiced
2002	Unknown	2500 cubic yards

Equipment

From 1998 to 2002, one International TD8 bulldozer was used to strip overburden and to push tailings gravel. A Case 480E excavator was used to dig pay gravel and load a Ford, 15 yard dump truck, which hauled the pay gravel to the wash plant. A Bobcat 720 loader was used to feed the wash plant. A 4 feet by 6 feet dump box on top of a 4 feet by 5 feet shaking wet screen deck fed into a single sluice run. The sluice run was 2 feet wide by 20 feet long, with expanded metal riffles over Nomad matting for the first 8 feet of length, then a section of slick plate followed by 2 inch angle iron riffles. A Gorman Rupp 4 inch water pump, powered by a Deutz diesel engine, supplied about

Field Name: Roberts & White, 1996-2003

Last Update: 21-Feb-2005

Status: Active Producer

Stream: Gauvin Gulch: a tributary of Upper Bonanza

Map Sheet(s): 1150/14

Page 2 of 2

600 igpm which was used to sluice 10 to 15 cubic yards per hour. Near the top end of Gauvin Gulch there was very little creek water so spring meltwater and groundwater seepage were recycled within two instream settling ponds in Gauvin Gulch, with seepage discharge only.

In 2003 cross-valley dams were built to capture flow. Settled into top pond, which was regularly bailed out with a Bucyrus Erie drag line. The second pond further settled material and the lower pond was a reservoir out of which water was pumped back up the hill to sluice setup. The sluice set up was a Case 480E excavator feeding sluice box, powered by a 4 inch Honda pump. A TD8 International excavator was used to scrape pay from the cut bank. A Bob Cat was used for small reclamation jobs. A dump truck removed tailings after they were dried out and stacked against hillside.

Environmental Work

Year	Reclamation Work
2003	

Surficial Geology

Frozen overburden varied from 25 feet up to 50 feet deep on top of only 4 to 6 feet of gravel. Gravel was mixed with some clay. All gravel plus 1 foot of decomposed bedrock were sluiced. Gauvin Gulch is very steep and narrow.

In 2003 ground composition was paygravels and permafrost; no loess and unusually large rounded quartz boulders were noted.

Bedrock Geology

Bedrock was a wavy quartz-sericite schist. Bedrock slabs were found in the rust coloured gravels at all levels.

Gold Comments

During 1998 to 2002, rough, angular gold with some dendritic nuggets was cleaned up using long tom and gold wheel and had fineness around 664.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 53

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 99

Pictures

Title: Roberts & White, '98-'02, Gauvin Gulch

Notes:

Lookin at the mining cut on the left limit of upper Gauvin Gulch where W.L. Roberts used this small back hoe/loader to feed the wash plant in the foreground. Several large boulders removed from the pay zone can be seen near the wash plant.

