

Yukon Placer Database Operations Report



Field Name: Aimola, 1998-2003

Last Update: 16-Feb-2005

Status: Active Producer

Stream: Gold Bottom: a tributary of Hunker

Map Sheet(s): 1150/14, 1150/15

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Operators

Name	From (Date)	To (Date)	Comment
Ken Jackson	2003/01/01	2003/12/31	
Randy Wilson	2003/01/01	2003/12/31	
Sergio Aimola	1998/01/01	1999/12/31	
Alfredo Aimola	1998/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Ken Jackson	2003/01/01	2003/12/31	
Randy Wilson	2003/01/01	2003/12/31	
Don Donis	2001/01/01	2003/12/31	
Sergio Aimola	1998/01/01	1999/12/31	
Alfredo Aimola	1998/01/01	2003/12/31	

General Location

Alfredo and Sergio Aimola began mining the hillsides of Gold Bottom Creek and Gold Bottom Gulch in 1998. Mr. Aimola also mined some of the intervening claims owned by Don Donis downstream of Soap Creek by agreement in 2001. In 2003 mining continued on Gold Bottom Creek.

Location Details

Date:	Latitude			Longitude			Elevation (feet)	Distance from Mouth (feet)
	Deg	Min	Sec	Deg	Min	Sec		
2005/01/01	63	54	14	138	59	29		
2003/01/02	63	54	0	138	58	0		
2003/01/01	63	54	0	138	59	0		
2003/01/01	63	54	0	139	0	0		
1998/01/01	63	54	0	138	58	0		

Water Licence(s)

Number	Comments
PM96-090	Expired: 2002/05/01
PM02-275	Expires: 2012/05/01
PM01-232	Expired: 2003/11/01
LP00199	
PM98-013	Expired: 2003/11/01

Work History

This operation ran one 10 hour shift per day. In 2000, this operation downsized to just Alfredo Aimola. One large cut 50 by 600 feet and one small cut 40 by 50 feet were mined in 1998 at Gold Bottom Gulch. In 1999 2 cuts 100 by 500 and 1 cut 40 by 500 feet were mined and about 24000 cubic yards was sluiced. A cut 200 by 100 by 10 was monitored and sluiced in 2000 on the Melanie 1 claim. The operation was moved upstream to the confluence of Gold Bottom Creek and Soap Creek towards the end of season. Using a small test plant, a cut 100 by 30 by 10

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feet of pay was mined. This area was completed in 2001 and an agreement struck with adjoining claim owner Don Donis to mine a portion of his ground and settle an old cut. An area 70 by 120 by 40 feet was mined and sluiced. In 2002, a new water license was in progress for the upstream claims on Soda Creek (H. Algotsson) and upper Goldbottom. The following year, Aimola continued stripping thawed black muck and sluicing into an out of stream old tailings pond. Two new operators were authorized by Mr. Aimola under this licence; Randy Wilson and Ken Jackson.

Equipment

A Caterpillar D8K bulldozer with a U blade and ripper, 235 excavator and a 988 loader were used to strip the hillsides to allow thawing of permafrost. The 235 excavator and a monitor were used to clear away the black muck which was stockpiled for reclamation. Pay dirt was pushed up with the D8K which was delivered to the sluice plant via the 988 loader. A dump box equipped with a shuffle board and conveyor belt was used to feed material to a trommel, classified to 3/8". The pay was then sluiced through two 4 by 8 and one 2 by 8 foot sluice runs with 1 inch riffles lined with heavy Nomad matting. A Worthington 12 by 10 pump, powered by a Jimmy diesel engine with 1800 igpm capability processed approximately 70-90 cubic yards per hour. Long toms and wheels were used for final clean ups. Water for monitoring and sluicing was obtained from Gold Bottom Creek, Gold Bottom Gulch, Soap Creek and an unnamed left limit tributary, depending on location of the mine cut. This operator was licenced for instream settling ponds which were constructed as needed and decommissioned after mining was completed. During 2003, a small caterpillar bulldozer with backhoe and a Heinz Werner shovel and small sluice plant were used this season. Culverts removed from reservoir pond on right limit looking downstream and a stable channel provided Gold Bottom Creek with seasonal closure.

Environmental Work

Year	Reclamation Work
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2003	Reclamation on Donis property from previous season completed August 15, 2003. Contouring and sloping of old tailings near camp and ongoing downstream of camp.
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Surficial Geology

In 1998 the ground mined was composed of approximately 20 feet of frozen black muck, 7-8 feet of average sized gravels and 2-3 feet of unconsolidated flat bedrock. Subsequent mining revealed an increased overburden layer to 35-40 foot in depth, with 16 feet of frozen gravels and 1 foot of wavy bedrock. Pay was located below the water table. Evidence of old shafts and bones were found in the waste section.

Bedrock Geology

Bedrock is mapped as decomposed chlorite schist.

Gold Comments

The gold recovered varied in size and shape from flat to round, smooth to chunky. Nuggets were recovered which tended to be round in shape and attached to quartz, from ½ ounce to an ounce in size. Colouring was bright with a mesh size 30% at +10, 50% at -10 and 20% at +60. Fineness averaged 780.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 80-81

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 6, 31

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 8-10

Pictures

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Title: Alfredo Aimola's sluice plant on Gold Bottom Creek

Notes:

