

Yukon Placer Database Operations Report



Field Name: Gillespie, 1995-2002

Last Update: 11-Feb-2005

Status: Active Non-Producer

Stream: Henry Gulch: a tributary of Hunker

Map Sheet(s): 116B/3

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Rick Gillespie	1995/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Rick Gillespie	1995/01/01	2003/12/31	

General Location

This operation was located on Henry Gulch, a left limit tributary of Hunker Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	64 0 47	139 8 45		
2002/01/01	64 1 0	139 3 0		
1998/01/01	64 1 0	139 9 0		
1995/01/01	64 1 0	139 9 0		

Water Licence(s)

Number	Comments
PM99-089	Expires: 2004/11/30
PM94-075	

Work History

1995- Rick Gillespie continued mining upstream from where his father left off. This is a small scale operation.
1996- Rick Gillespie continued mining.
1997- 1000 cubic yards were sluiced.
1998- This was a one person operation. One small cut approximately 1000 cubic yards was mined.
1999-2002- This was a one person operation. Some stripping and thawing of frozen ground occurred, but no sluicing took place.
2003 - No mining was reported to have occurred this season.

Production

Year	Stripped	Sluiced
1997	Unknown	1000 cubic yards

Equipment

In 1995, a Caterpillar D8H bulldozer with a ripper and angle iron blade, and a Caterpillar 966C loader and a Caterpillar 225 excavator were used to mine this property. The wash plant consisted of a dump box which fed into a screen deck 3 feet wide by 6 feet long. The pay was classified to 1 1/4 inch minus and then washed through a single 25 foot long sluice run. Matting, expanded metal and punch plate was put in the lower section of the dump box in 1996. The sluice run was built in 2 sections. The upper section was 13 feet long by 3 1/2 feet wide and was lined with unbacked Nomad matting, expanded metal and 3/4 inch punch plate. The upper section of sluice then tapered into a 2 foot wide by 12 foot long section of sluice. The lower section of sluice was lined with unbacked

Field Name: Gillespie, 1995-2002

Last Update: 11-Feb-2005

Status: Active Non-Producer

Stream: Henry Gulch: a tributary of Hunker

Map Sheet(s): 116B/3

Page 2 of 2

Nomad matting and 1 1/4 inch angle iron riffles. Two 4 inch Gorman Rupp electric pumps supplied the water needed to process approximately 25 cubic yards per hour. Henry Gulch is a short watershed and a lack of surface run-off can limit the amount of sluicing that is possible. The creek run-off and local spring sources are captured and contained in an out-of-stream recycle pond. The settling pond is then cleaned regularly. Any discharge that occurs is directly back to Henry Gulch.

In 1998, the same equipment and wash plant was used as in previous years. Henry Gulch has a small watershed with limited water supply. Spring melt water and rain water were ditched to an out of stream recycle/settling pond which was cleaned out as needed.

Landforms

Landform	Comments
-----------------	-----------------

Gulch	
-------	--

Surficial Geology

Henry Gulch is a narrow steep walled tributary of Hunker Creek. An average 2 feet of vegetation overlies at least 50 feet of frozen black muck and 10 feet (varies) of gravel. Old timers' workings have been found throughout most of the creek bottom. All of the gravels and up to 4 feet of the bedrock was sluiced.

In 1998, a vegetative soil layer about 2 feet deep overlay up to 50 feet of frozen black muck, containing silt and sand layers. All of this waste overburden had to be stockpiled uphill. The gravel layer at the bottom was 6 to 8 feet deep and all gravel plus about 2 feet of bedrock were sluiced.

Bedrock Geology

Bedrock was generally solid and fractured and some gumbo clay was encountered. Klondike schist near the headwaters of the gulch, Carmacks volcanic strata halfway down, Nasina graphitic quartzite.

Gold Comments

In 1995, the gold recovered has tended to be angular and chunky. Some small nuggets have been recovered. The fineness has varied between 650 and 700.

In 1998, course, angular gold with a few small nuggets and fineness around 680 was recovered.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1995, 1996, 1997. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 1998.: p. 55

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 64

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 49

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 41