

Yukon Placer Database Operations Report



Field Name: Johnson, 1995-2002

Last Update: 11-Feb-2005

Status: Exploratory

Stream: Murphy's Pup: a tributary of Haggart

Map Sheet(s): 115P/16

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Albert Johnson	1995/01/01	1997/12/31	
Harry Johnson	1995/01/01	1997/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Harry Johnson	1995/01/01	2003/12/31	
Albert Johnson	1995/01/01	1997/12/31	
Harry Johnson	1995/01/01	1997/12/31	

General Location

This operation was located on Murphy's Pup, a tributary of Haggart Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 56 36	136 1 32		
2003/01/01	63 58 0	136 2 0		
1998/01/01	63 58 0	136 2 0		
1995/01/01	63 58 0	136 2 0		

Water Licence(s)

Number	Comments
PM02-269	Expires: 2007/09/30
PM97-008	Expired: 2000/09/15

Work History

1998-2002 - This small exploratory mining program processed 150 to 200 cubic yards per day, with exploratory trenching and test pitting of both stream limits done.

Production

Year	Stripped	Sluiced
1996	Unknown	700 cubic yards
1995	Unknown	1000 cubic yards

Equipment

1995-2002 - A Hymack 580 excavator fed the plant. A 125 Clark loader with a 4.5 yard bucket was used to haul tailings. A 36 inch diameter trommel with 13 inch openings fed material to a 2 foot by 8 foot sluice with punch plate and hydraulic riffles. A recirculation pond was used in 1995. In 1996, water was pumped from a reservoir pond which had about 2 hours storage time. Effluent was settled in an out of stream pond 40 feet wide by 60 feet long. 1998-2002 - Small out-of-stream pits were used for settling in the testing program while the mining effluent was handled in out-of-stream ponds constructed on the right limit.

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Page 2 of 2

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

The ground was frozen and consisted of boulders up to 2 feet in diameter, gravel, sand and clay glacial outwash material. All of the material was sluiced to a depth of 30 feet. Bedrock was not reached.

Bedrock Geology

Hyland group limestone and brown to pale green shale, quartz-rich sandstone, grit and quartz-pebble conglomerate, minor argillaceous limestone, phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble. Selwyn suite plutonic suite of felsic composition, resistant, blocky, fine to coarse grained equigranular to porphyritic biotite quartz monzonite and granodiorite and minor quartz diorite, minor leuci-quartz monzonite and syenite.

Gold Comments

Fine, less than 100 mesh, and flat gold was recovered. A one gram nugget was also recovered. The fineness is 800 to 900.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1995, 1996, 1997. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 1998.: p. 142

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 167

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 11

Yukon Placer Atlas Website. 2005. <http://maps Yukon.gov.yk.ca/webmaps/mining/placer/viewer.htm>. Bedrock Geology- Regional Unit Layer.: