

Yukon Placer Database Operations Report



Field Name: Eikland, 2001-2003

Last Update: 21-Feb-2005

Status: Active Producer

Stream: Burwash: a tributary of Kluane River

Map Sheet(s): 115G/6

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Oliver Leckie	2001/01/01	2001/12/31	
Dale Hall	2001/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Oliver Leckie	2001/01/01	2001/12/31	
Dale Hall	2001/01/01	2003/12/31	
Charles Eikland Sr.	2001/01/01	2003/12/31	

General Location

This operation was located on the right limit of Burwash Creek in the Kluane Placer Area.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	61 27 3	139 12 54		
2001/01/01	61 25 0	139 14 0		

Water Licence(s)

Number	Comments
PM00-179	Expires: 2005/10/01

Claims

File Date	Number	Name	Status
	PO3915		
	PO3918		
	PO3919		
	PO3924		

Work History

Mr. Oliver Leckie tested and mined this property in 2001. In 2002, Mr. Dale Hall mined on the right limit of this site. The number of personnel was one miner and one camp attendant who ran a five-hour shift. In 2001, 4900 cubic yards of material was taken from one cut. One cut was made in 2002 that was 165 feet wide by 180 feet long by 8 feet deep. Approximately 8800 yards of material were moved. During 2003, some stripping occurred on the left hand limit of claim P03918. Mr. Hall intended to cancel his license this season and Northern Minerals applied for a license to cover this ground.

Production

Year	Stripped	Sluiced
2002	Unknown	8800 cubic yards
2001	Unknown	4900 cubic yards

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Page 2 of 2

Equipment

A John Deere 690B excavator was used to feed the trommel and a D8H Caterpillar bulldozer was used to clear tailings and for pushing up pay gravels. A 44-inch by 20-foot trommel which screened the material to 3/8-inch and 1/2-inch was used. The hopper was 8 feet long by 6 feet wide and had a 12-inch by 18-inch nugget trap. The pay gravel went into a 22-inch by 8-foot long sluice run. Water was obtained from a ditch off of Burwash Creek with a Thompson 6-inch pump that was powered with a 635 Perkins diesel engine and was capable of providing 450 imperial gallons per minute. No water was returned to Burwash Creek as the four settling ponds were capable of total containment of the effluent. In 2003, this operation continued using a closed system water use structure.

Environmental Work

Year Reclamation Work

2003 Reclamation occurred at the end of the season.

2002 Hall completed mining and reclamation of this property in August of 2002.

Landforms

Landform

Comments

Alluvial Valley

Surficial Geology

There were 3 feet of topsoil over 8 feet of gravel with small boulders before bedrock was encountered. The area worked was not frozen and was relatively flat.

Bedrock Geology

Most of the rocks exposed along Burwash Creek belong to an igneous, mainly mafic group including diorite, diabase, andesite, basalt, gabbro and dunite; green and red amygladoids are locally very prominent. Sedimentary rocks also occur: most are shales, slates, argillites, cherts, limestones and cherty conglomerates, in which Triassic and Carboniferous fossils were found. These beds have been intensely invaded by the igneous members. A few granitic intrusions of Jurassic or Cretaceous age, along with white, grey or yellow rhyolitic dykes of Tertiary age intrude the above units. These dykes are of similar age and composition to those occurring on both Reed and Arch Creeks. In the lower-most canyon stringers of chalcopryrite, bornite and chalcocite occur in Upper Triassic Nikolai Greenstone. On Burwash, just above the mouth of Tatamagouche Creek, minor amounts of pyrrhotite, pentlandite and chalcopryrite occur at the contact between Permian-Triassic gabbro and Paleocene latite porphyry.

Gold Comments

The gold was fine and flat and quite bright in colour, and appeared to be well travelled. Fineness was 740.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 190

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: Whitehorse, p. 13-14

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 11-12