

Yukon Placer Database Operations Report



Field Name: Northway Mining & Exploration Inc., 1995-1999

Last Update: 17-Feb-2005

Status: Recent Producer 1978-present

Stream: Last Chance: a tributary of Hunker

Map Sheet(s): 1150/3, 116B/3

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Northway Mining	1995/01/01	1999/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Northway Mining & Exploration Inc.	1995/01/01	2003/12/31	
Northway Mining	1995/01/01	1999/12/31	

General Location

This operation is located on Preido Hill, which is on the right limit of Last Chance at its confluence with Hunker Creek.

Location Details

Date:	Latitude			Longitude			Elevation (feet)	Distance from Mouth (feet)
	Deg	Min	Sec	Deg	Min	Sec		
2003/01/01	64	0	5	139	5	47		
1999/01/01	64	0	0	139	6	0		
1998/01/01	64	0	12	139	6	7		
1995/01/01	63	0	0	139	6	0		

Water Licence(s)

Number	Comments
PM97-021	
PM95-091	Expires: July 1st, 2006

Work History

1995- Three miners worked 11 hours per day. The operation mined bench gravels on Preido Hill. Stripping occurred from mid July to Late September. A cut 980 yards by 250 feet at one end and 500 feet at the other was stripped.

1996- Five to 6 miners worked 11 hours per day, continuing to strip the cut they had started the year before.

1997- Sluicing started.

1998- Five to six miners worked one of two 12 hour shifts per day. Two cuts were mined.

1999- Two to three miners worked on 12 hour shift per day. Three cuts were mined. Their dimensions were 200 by 66 by 10 feet, 80 by 25 by 7 feet, and 75 by 25 by 6.6 feet.

2003 - No activity was reported at this site. Northway Mining worked in the Sixtymile River area this season.

Equipment

The equipment used included a 245 Caterpillar excavator, a D9L Caterpillar bulldozer and two 35 ton rock trucks. Two 55 ton rock trucks were added in 1996. This operation utilized a 100% recirculation system for water supply. Make up water for the pond on the bench was pumped from Last Chance Creek up the hill to an historic ditch which conveyed the water to the pond.

In 1998 and 1999, a 62 tonne D9L (16' by 7.66' blade) with ripper was used to feed the plant at nights only. A 988B lader with a 9 cubic yard bucket was used to remove tailings. Two D550 Cat rock trucks with 6 wheel drive were used to haul overburden and pay to the wash plant. A 245 Cat excavator was also used. A 5 1/2' by 40'

Field Name: Northway Mining & Exploration Inc., 1995-1999

Last Update: 17-Feb-2005

Status: Recent Producer 1978-present

Stream: Last Chance: a tributary of Hunker

Map Sheet(s): 1150/3, 116B/3

Page 2 of 2

trommel and a 12 by 15 foot hopper was used. Twelve by 13 foot oscillating sluice runs with nomad mats were used. There were 3/4 inch holes in the trommel. A 10 by 8 inch Paco powered by a 471 engine was used to provide 1200 igpm. Material was processed at a rate of 140+ loose yards per hour. A jig was used for clean-ups. Water was recycled and acquired from Last Chance Creek. Effluent was treated in two out of stream ponds which recycled 100% of the water used. The pond sizes were 400 by 150 feet and 200 by 200 feet.

Landforms

Landform	Comments
Alluvial Terrace	

Surficial Geology

In 1998, the stratigraphic section was 60 feet overall, thawed and red colored. The first 20 feet was White Channel gravels to bedrock. Twelve feet was sluiced and the waste section was bulldozed and trucked away.

In 1999, the stratigraphic section was an average of 30 feet, and a maximum of 60 feet. It was completely thawed. The top 10 feet consisted of red gravel which overlaid White Channel Gravel, followed by bedrock.

Bedrock Geology

Bedrock was decomposed and wavy. A band of quartz-drift extends up Last Chance Creek, following the left limit, to No. 15 pup, a distance of two and a half miles, and is fairly rich in places. Tufaceous beds, usually andesitic in character occur, usually interbanded with the shales and sandstone of the Tertiary series. A small area of hornblende andesite borders the Tertiary area at the mouth of the creek. The andesite here is coarser-grained than usual and is badly decomposed.

Gold Comments

Ninety percent of the gold recovered was -12 mesh. It was crystalline and bright in colour. A few nuggets were recovered. Gold was 815 fine.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1995, 1996, 1997. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 1998.: p. 65

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 68

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 92

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 78

Pictures

Title: Northway Mining & Exploration Ltd., Preido Hill

Notes:

This operation worked on Preido Hill which is location on the right limit of Last Chance Creek at its confluence with Hunker Creek.

