

Yukon Placer Database Operations Report



Field Name: Wolreid WGS Mining Ltd., 1999-2000

Last Update: 17-Feb-2005

Status: Recent Producer 1978-present

Stream: Last Chance: a tributary of Hunker

Map Sheet(s): 116B/3

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Bob Cattermole	2000/01/01	2000/12/31	
Tim Coles	1999/09/01	1999/12/31	
Dave Brickner	1999/09/01	1999/12/31	
Jake Jacobs	1999/01/01	1999/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Bob Cattermole	2000/01/01	2000/12/31	
Tim Coles	1999/09/01	1999/12/31	
Dave Brickner	1999/09/01	1999/12/31	
Jake Jacobs	1999/01/01	1999/12/31	
Wolreid WGR Mining Ltd.	1999/01/01	2003/12/31	

General Location

The operations were located approximately 2000 feet upstream from Last Chance's confluence with Hunker Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	64 0 45	139 8 21		
2000/01/01	64 1 0	139 7 0		
1999/01/01	64 1 0	139 7 0		2,000

Water Licence(s)

Number	Comments
PM95-090	

Work History

A cut 200 by 100 feet was mined by Jake Jacobs along the right limit of Last Chance Creek near the mouth for the first part of 1999. Dave Brickner and Tim Coles ran the operation along the left limit of Last Chance Creek in the fall of 1999, and mined a single cut 300 by 100 feet. Bob Cattermole continued mining the cut along the right limit in 2000, and sluiced three cuts, each 50 by 10 feet.

Equipment

Jake Jacobs used a 235 Caterpillar excavator and two smaller excavators as well as a D9H Caterpillar bulldozer for stripping and loading three 10-ton dump trucks, which hauled the pay gravels to the wash plant. Tim Coles and Dave Brickner used a Terex 8250 bulldozer for stripping overburden and waste gravel. A John Deere 890 excavator was used for digging pay gravel and sluicing, and a Liebherr 945 excavator was used to feed the wash plant. A 5-foot by 11-foot oscillating deck screening plant which classified the pay gravels before being sluiced through two 8-foot wide by 12-foot long oscillating sluice runs, which were lined with Monsanto matting and expanded metal. A 6-inch by 5-inch water pump, powered by a GMC 271 diesel engine, delivered 1500 igpm used to process up to 100 cubic yards per hour. Bob Cattermole used a variety of equipment that included a D9G

Field Name: Wolreid WGS Mining Ltd., 1999-2000

Last Update: 17-Feb-2005

Status: Recent Producer 1978-present

Stream: Last Chance: a tributary of Hunker

Map Sheet(s): 116B/3

Page 2 of 2

Caterpillar bulldozer, a 641 Caterpillar scraper, two 235 Caterpillar excavators, a 980C Caterpillar loader and a Fiat Allis HD41 bulldozer. He used a wash plant with a grizzly, feeding into a hopper followed by a derocker. The classified gravels were sluiced through a 4 by 20-foot sluice run, and a 10-inch Caterpillar pump supplied water for sluicing approximately 70 cubic yards per hour. Water was pumped from an instream reservoir in Last Chance Creek and was settled in an old mining cut from a previous operation.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

In 1999, Coles and Brickner encountered up to 30 feet of washed White Channel gravel tailings from historic uphill operations. This was stripped from on top of 2 feet of organic muck and 2 feet of gravel, all of which was thawed. All the bottom gravels and about 4 feet of decomposed bedrock were sluiced. Both Jacobs and Cattermole encountered up to 60 feet of both frozen and thawed material which was excavated. The material removed was layered with silt, clay, rocks with bones and sticks found throughout. Several shafts from old workings were encountered, and Brickner and Coles reportedly found numerous copper nails that had become gold plated while lying in the ground.

Bedrock Geology

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

Gold was mostly fines with only 2% larger than 12 mesh. It tended to be dull and nuggets often had quartz attached. The purity was reported as varying from 720 to 750 fine.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 65-66

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 131

Pictures

Title: Wolreid WGR Mining Ltd. On Last Chance Creek

Notes:

