

Yukon Placer Database Operations Report



Field Name: Klippert, K., 1993-1995, 1998, 2002

Last Update: 21-Feb-2005

Status: Active Producer

Stream: Goodman: a tributary of South McQuesten

Map Sheet(s): 115P/16

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Operators

Name	From (Date)	To (Date)	Comment
Kim Klippert	2002/01/01	2002/12/31	
Kim Klippert	1998/01/01	1998/12/31	
Kim Klippert	1993/01/01	1995/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Kim Klippert	2002/01/01	2003/12/31	
Kim Klippert	2002/01/01	2002/12/31	
Kim Klippert	1998/01/01	1998/12/31	
Kim Klippert	1993/01/01	1995/12/31	

General Location

Tested ground was in the Goodman Creek area, approximately 1 mile upstream of its confluence with the South McQuesten River.

In 1998, 2002 this operation was done on two separate areas of the creek. One mining/testing area was approximately one mile upstream from its confluence with the McQuesten River, while the second area of mining occurred at the confluence with a tributary on the left limit approximately 8 miles from the McQuesten River.

Location Details

Date:	Latitude			Longitude			Elevation	Distance from Mouth
	Deg	Min	Sec	Deg	Min	Sec	(feet)	(feet)
2003/01/01	63	54	48	136	9	52		
2002/01/02	63	54	0	136	9	0		
2002/01/01	63	46	0	136	9	0		
1998/01/01	63	55	0	136	12	0		
1995/01/02	63	55	48	136	11	24		2,375
1995/01/01	63	55	0	136	20	0		
1993/01/02	63	54	20	136	7	48	2,200	
1993/01/01	63	55	34	136	11	8		2,375

Water Licence(s)

Number	Comments
PM01-248	Expires: 2006/11/30
PM94-060	
PM93-067	

Work History

Testing and some production sluicing occurred in 1994. Five thousand cubic yards were sluiced and 15,000 cubic yards were stripped from a cut measuring 150 feet long by 80 feet wide. Testing occurred also in various other locations in 1993 and 1994.

In 1995, 10000 cubic yards were stripped, and 2500 cubic yards were sluiced.

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1998, 2002 - No mining was done on this water licence in 1998 under PM94-060. The licence expired in 1998 and full licence decommissioning was accomplished in 2001. The mining operation was renewed in 2002 under PM01-248, allowing ground testing and preparation of the left limit above the North McQuesten access road. 2003 - Operation was inactive this season.

Production

Year	Stripped	Sluiced
1995	10000 cubic yards	2500 cubic yards
1994	15000 cubic yards	5000 cubic yards

Equipment

A D8 Caterpillar bulldozer with a U-blade and ripper was used for stripping. An American excavator was used for digging drains and test pits. A 275B Clark loader fed the sluice plant and removed tailings. Material smaller than 2.5 inches passed through a grizzly nine feet wide by twelve feet long equipped with two spray bars six inches in diameter. Two sluice runs 3 feet wide by 8 feet long were lined with four feet of hydraulic riffles followed by four feet of expanded metal on top of backed Nomad matting. Forty-five cubic yards per hour were processed. An 8 by 6 inch pressure pump powered by a 6-cylinder Ford diesel supplied water to the wash plant at a rate of 800 igpm. In 1995, the same Caterpillar D8H bulldozer was used. A 266 Koering excavator was used to feed the sluice plant. A 275B Michigan loader removed tailings. A 4 by 8 foot screen deck classified material to 2 inch minus. Two sluice runs, 3 feet wide by 8 feet long, processed about 70 cubic yards per hour. Water was pumped with an 8 by 6 inch Ford pump at a rate of 1000 igpm. Settling was instream. Water was in short supply and restricted sluicing time for part of the season.

Landforms

Landform	Comments
Alluvial Fan	

Surficial Geology

Four feet of frozen muck overlay 25 feet of glacial outwash gravel overburden followed by 10 to 12 feet of pay gravels. Two feet of quartz-schist bedrock were also sluiced. In 1995, depth to bedrock varied from 4 feet to 16 feet deep. Three to 4 feet of frozen mud lay on top of 4 to 14 feet of coarse gravel. Hematite and pyrite were found in the concentrate.

Bedrock Geology

Bedrock is mapped as upper Proterozoic to lower Cambrian coarse turbidic clastics, limestones, thin to thick bedded, brown to pale green shale, fine to coarse grained sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble. (Hyland Group, Yusezyu)

Gold Comments

The gold was fine grained with a fineness of 820. Hematite, pyrite, and native iron were found in the concentrate. Coarser gold was found on a small upstream tributary. In 1995, some 3 ounce gold nuggets were recovered. In 1998, 2002 gold values found were small and flattened, with the pay gravels diverging from the creek drainage as the mining progressed upstream.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1995, 1996, 1997. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 1998.: p. 141
Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 167

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Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: Mayo, p. 8

van Kalsbeek L.P. Yukon Placer Mining Industry 1993-1994. Whitehorse: DIAND, 1996.: p. 103-104

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

Pictures

Title: Kim Klippert's Operation on Goodman Creek

Notes:

