

# Yukon Placer Database Operations Report



**Field Name: Klippert/Hofer, 1978-1982, 1998-2001**

**Last Update: 07-Feb-2005**

**Status: Active Producer**

**Stream: McNeil Gulch: a tributary of Lightning**

**Map Sheet(s): 105M/13, 105M/14**

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## Operators

Name	From (Date)	To (Date)	Comment
Kim Klippert	1998/01/01	2002/12/31	
Alois Hofer	1978/01/01	1982/12/31	
Kim Klippert	1978/01/01	1982/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Kim Klippert	1998/01/01	2002/12/31	
Alois Hofer	1978/01/01	1982/12/31	
Kim Klippert	1978/01/01	1982/12/31	

## General Location

The property was located approximately 50 metres east of the creek on the lowermost portion near the mouth of McNeill Gulch. From 1998-2002, they progressively moved upstream working the channel, with a diversion on the right limit to handle full stream flow.

## Location Details

Date:	Latitude			Longitude			Elevation	Distance from Mouth
	Deg	Min	Sec	Deg	Min	Sec	(feet)	(feet)
2003/01/01	63	55	11	135	9	9		
2003/01/01	63	54	0	135	6	0		
1999/01/01	63	55	0	135	20	0		
1998/01/01	63	54	0	135	6	0		
1982/01/02	63	55	10	135	9	0	3,800	1,500
1982/01/01	63	54	55	135	80	52	3,800	1,550
1982/01/01	63	54	53	135	8	54	3,800	1,700
1982/01/01	63	54	52	135	8	42	3,800	2,300
1982/01/01	63	54	51	135	8	42	3,900	2,300
1982/01/01	63	54	46	135	8	37	3,800	3,400
1982/01/01	63	54	46	135	8	31	4,000	3,100
1982/01/01	63	54	43	135	8	43	4,000	3,700
1982/01/01	63	54	42	135	8	36	3,800	3,900
1982/01/01	63	54	45	135	8	43	3,800	3,700

## Water Licence(s)

Number	Comments
PM96-041	Expires: 2005/04/30

## Claims

File Date	Number	Name	Status
	P16800		

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### Claims

File Date	Number	Name	Status
	P16799		
	P16803		
	P16804		
	P16805		
	P16806		

### Work History

During 1978 Alois Hofer located a 2 mile placer lease of the lowermost portion of the creek. During 1982, Nugget Drilling tested an area near the mouth of the creek, as well as a portion 1000 and 3500 feet from the Lightning Creek baseline.

In 1982, Nugget Drilling drilled:

63'54"42: 40 feet hole near this site.

63'54"43: 73 feet deep hole

63'54"46 (4000 elevation): 80 feet deep hole

63'54"46 (3800 elevation): 68 feet deep hole

63'54"51: 50 feet deep hole

63'54"52: 50 feet deep hole

63'54"53: 45 feet deep hole

63'54"55: a portion between 1000 and 3500 feet from the Lightning Creek baseline

63'55"10: 8 holes, 40-88 feet deep, with an average depth of 47 feet

1998-2000 - Kim Klippert and his son opened a small mining cut on the bottom end of the McNeil Gulch.

Utilizing the flats in the confluence with Lightning Creek for settling purposes, they have progressively moved upstream working the channel, with a diversion on the right limit to handle full stream flow. One cut was mined each year about 100 feet wide by 175 feet long and varying from 25 feet to 55 feet deep.

2001- An exploration program on the placer and quartz claims on McNeil Gulch limited the mining to a single cut measuring 125 feet wide by 150 feet long and averaging 35 feet deep. Declining base metal prices and escalating fuel prices forced Klippert to conduct an exploration program in the 2001 mining season for long-term planning purposes. This lowered his processing rate by 30% to 19,000 cubic metres, and no activity occurred in 2002.

### Equipment

In 1998-2001, a D-8H Caterpillar bulldozer with a ripper and U-blade was used for stripping and stockpiling, while a Hitachi UH-143 excavator with a 1 1/2 yard bucket was used to feed the wash plant. A 275B Michigan loader with an 8 yard bucket was used as required for waste disposal and drain maintenance. A Detroit 10 by 8 inch water pump, operating at 1500 igpm, serviced the wash plant from McNeil Gulch stream flows. All effluent was treated in a 200 foot by 200 foot settling pond located at the mouth of McNeil Gulch.

### Landforms

Landform	Comments
Gulch	

### Surficial Geology

Bedrock has not been reached despite the mining cut varying in depth from 25 feet to 55 feet deep. Glacial moraine throughout cut-gold values were found from the surface to the bottom of the mine cut.

### Bedrock Geology

Devonian and Mississippian Earn Group, Keno Hill Quartzite.

### Gold Comments

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Fine gold was found throughout the mining cuts with 90% fines recovered with small nuggets containing traces of quartz attached. The fineness of the gold reported was 760.

### **References**

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Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 175-176

Mining Recorder, Department of Indian Affairs and Northern Development, Yukon Region, Application for Renewal Grants; A24458; Microfiche Roll #1B to #6B:

Murphy, D.C. and Roots, C. Geological map of Keno Hill area, Yukon (105M/14). Scale 1: 50 000. Indian and Northern Affairs Canada, Exploration and Geological Services Division, Yukon Region, Geoscience map 1996-5.:

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

**Notes:**

