

# Yukon Placer Database Operations Report



Field Name: Tuck, 1983-1984, 1998-2003

Last Update: 19-Feb-2005

Status: Active Producer

Stream: Hight: a tributary of Minto

Map Sheet(s): 115P/16, 115P/9

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## Operators

Name	From (Date)	To (Date)	Comment
Wilf Tuck	1998/01/01	2003/12/31	
Wilf Tuck	1983/01/01	1984/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Wilf Tuck	1998/01/01	2003/12/31	
Wilf Tuck	1983/01/01	1984/12/31	

## General Location

This property was located on Hight Creek, just downstream from the mouth of Rudolph Pup. Between 1998-2002, the operation continued on the lower end of Hight Creek on a left limit bench.

## Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 43 55	136 8 27		
2003/01/01	63 44 0	136 7 0		
1998/01/01	63 44 0	136 7 0		
1983/01/01	63 46 0	136 11 0		

## Water Licence(s)

Number	Comments
PM99-023	Expires: 2005/03/31
PM95-074	

## Work History

Tuck and one helper began mining on the property in 1983. The operation continued from previous license, PM95-074, on the lower end of Hight Creek during the 1998-2003 seasons. Ten days of stripping was done in 1999 for ground preparation but no testing or sluicing occurred. Four days of stripping was done in 2002 with an estimated 3,000 cubic yards handled. In 2003, Tuck's operation was active on the left limit of the creek, on the downstream end of the canyon.

## Production

Year	Stripped	Sluiced
2002	3000 cubic yards	Unknown

## Equipment

In 1983, a Caterpillar D8H bulldozer was used to strip overburden. The gravel was carried to the sluicing plant by a Clark 75B loader. The loader was also used to remove tailings. The sluicing plant was made up of a dry grizzly, dump box, and a single run sluice box. Material less than 10 inches across fell through the grizzly into the dump box to be washed. The sluice run was lined with grader blade and angle iron riffles over expanded metal and matting. Water was gravity-fed to the dump box from a reservoir on Hight Creek. In dry periods, the total creek flow was needed for sluicing. Effluent was impounded along with the flow from the creek in a large settling pond.

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Between 1998-2002, a trailer camp was brought on-site, and a D-8K Caterpillar bulldozer was used for access construction to the top of the bench where stripping was done for ground preparation in 1999. There was no wash plant on site, therefore no water was used from 1998 to 2002. A large, deep single cell settling facility was constructed below the mining cut for future mining activities.

### **Landforms**

<b>Landform</b>	<b>Comments</b>
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Alluvial Terrace	
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Alluvial Valley	
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### **Surficial Geology**

Deposits are present in the Highet Creek Valley, and on a low bench along the right limit of the creek. The deposits include pre-glacial gravel, glaciofluvial sand and gravel, and post-glacial gravel. During 1998-2002, approximately 80 feet of silt, some of it frozen, overlaid 16 to 18 feet of pay gravels. Very little rock was encountered and two old drifts remained exposed in the bottom of the cut.

### **Bedrock Geology**

Bedrock is biotite schist, quartz-sericite schist, blocky sericite schist and quartzite.

### **Gold Comments**

Fine gold was recovered in past mining with fineness of 800.

### **References**

Debicki R.L. Yukon Placer Mining Industry 1983-1984. Whitehorse: DIAND, 1986.: p. 101

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 163-164

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

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 19

### **Pictures**

**Title:** Wilf Tuck's mining cut on Highet Creek

**Notes:**

