

# Yukon Placer Database Operations Report



**Field Name:** Dublin Gulch Mining Ltd., 1993-2000

**Last Update:** 11-Jan-2005

**Status:** Recent Producer 1978-present

**Stream:** Haggart: a tributary of South McQuesten

**Map Sheet(s):** 106D/4

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## Operators

Name	From (Date)	To (Date)	Comment
Fred Holway	1993/01/01	2000/12/31	
Ron Holway	1993/01/01	2000/12/31	

## Owners

Name	From (Date)	To (Date)	Comment
Fred Holway	1993/01/01	2000/12/31	
Ron Holway	1993/01/01	2000/12/31	
Dublin Gulch Mining Ltd.	1993/01/01	2000/12/31	

## General Location

An old deep channel running parallel to Haggart Creek was mined in the left limit hillside downstream of Platinum Pup. This operation on the lower end of Haggart Creek was run by Ron Holway and his son Fred.

## Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	64 0 34	135 50 26		
2000/01/01	64 2 0	135 51 0		
1993/01/01	64 2 0	135 49 0		

## Water Licence(s)

Number	Comments
PM96-054	
PM93-071	

## Work History

The operation was run by Ron Holway and his son Fred. An additional seven miners and one cook made up the rest of the crew. Two 10 hour shifts were worked. In 1993 70,000 cubic yards were sluiced and 130,000 cubic yards stripped from one large cut approximately 1/2 mile downstream of Platinum Pup. Mining continued upstream in 1994 and amounted to 100,000 cubic yards sluiced and 300,000 cubic yards stripped. A series of long, small ponds were used to treat the effluent in 1993. In 1994, the large cut made in 1993 was used for settling. Two 10 hour shifts were worked by a crew of six to eight miners. One camp cook was also employed. The processing rate was 120 cubic yards per hour. : In 1995 an area 700 feet by 300 feet was mined. In 1996 an area 600 feet by 250 feet was mined. In 1997, two cuts totalling approximately 600 feet by 250 feet was mined. The operation accessed the gold values to the drain depth which was limited by a bedrock exposure near the mouth of 15 Pup. The operation ceased mining in 1999 and then limited its activities to the decommissioning of the licence in 2000.

## Production

Year	Stripped	Sluiced
1997	Unknown	150000 square feet
1996	Unknown	150000 square feet
1995	Unknown	210000 square feet

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### **Production**

<b>Year</b>	<b>Stripped</b>	<b>Sluiced</b>
1994	300000 cubic yards	100000 cubic yards
1993	130000 cubic yards	70000 cubic yards

### **Equipment**

Two D9H Caterpillar bulldozers with U-blades and rippers were used to strip overburden and push pay. Two 988B Caterpillar loaders fed the wash plant, and another was used for cleanup. A 172 Hitachi excavator was used in the cut for drainage ditches and to clean bedrock.

The wash plant consisted of a wet hopper, a trommel seven feet in diameter by 40 feet long, and a 30-foot long double run sluice. Material smaller than one inch passed through the trommel screen into a distributor box lined with 1 inch angle iron riffles over Nomad matting which collected most of the gold. The sluice runs were lined with expanded metal and Nomad matting. The processing rate was 120 cubic yards per hour. A 10 by 8 inch Caterpillar 3204 pump was used to de-water the cut. A Morris 12 by 12-inch pump powered by a Cummins 360 was used to supply water from Haggart Creek to the trommel at a rate of 1800 igpm.

A 12 by 12 inch pump, powered by a Caterpillar 3304 engine, was used to supply water from Haggart Creek to the trommel at a rate of 1800 igpm. Two out of stream settling ponds were used to treat the effluent. A D9 Caterpillar bulldozer and a D10 Caterpillar bulldozer were used to strip overburden and stockpile pay. Two 988B Caterpillar loaders fed the wash plant and another was used for removing tailings. The wash plant consisted of a wet hopper, a trommel 7 feet in diameter by 40 feet long, and a 30-foot long double run sluice. Material smaller than 1 inch passed through the trommel screen into a distributor box lined with 12-inch angle iron riffles over Nomad matting which collected most of the gold. The sluice runs were lined with expanded metal and Nomad matting. The processing rate was 120 cubic yards per hour. In 1995 an area 700 feet by 300 feet was mined. In 1996 an area 600 feet by 250 feet was mined. A 12 by 12 inch pump, powered by a Caterpillar 3304 engine, was used to supply water from Haggart Creek to the trommel at a rate of 1800 igpm.

### **Environmental Work**

#### **Year Reclamation Work**

2000 All reclamation work was completed for final decommissioning of license.

### **Landforms**

#### **Landform Comments**

Alluvial Valley

### **Surficial Geology**

The total depth was 80 feet in places with an average of 40 feet of overburden and 15 feet of old channel pay gravel. The overburden consisted of 20 feet of clay and 20 feet of gravel, thought to be a delta deposit off the side hill. The pay gravels were gray in color and well rounded, with boulders up to two feet in diameter. The hard quartzite bedrock was cleaned and contained little travelled gold.

Depth to bedrock was 70 to 75 feet. Overburden consisted of 60 feet of gravel with minor silt and clay layers. The sluiced section consisted of 10 to 15 feet of gravel overlying blocky quartzite bedrock. The ground in this area was frozen.

### **Bedrock Geology**

Blocky quartzite.

### **Gold Comments**

Five percent of the gold was larger than 10 mesh, including 5% nuggets up to one ounce in size. The fineness was 870. The gold was finer than that found on Dublin Gulch and did not contain scheelite. The concentrates contained arseno-pyrite.

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The majority of the gold was fine in nature, with some small nuggets and a purity of 870 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. 142-143

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 168

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 7  
van Kalsbeek L.P. Yukon Placer Mining Industry 1993-1994. Whitehorse: DIAND, 1996.: p. 104

### **Pictures**

**Title:** Dublin Gulch Mining Ltd. On Haggart Creek

**Notes:**

