

Yukon Placer Database Operations Report



Field Name: Colonial Gold Joint Ventures, 1998-2002

Last Update: 17-Feb-2005

Status: Active Producer

Stream: Gold Bottom: a tributary of Hunker

Map Sheet(s): 1150/15

Page 1 of 2

Operators

Name	From (Date)	To (Date)	Comment
Gordon Watson	1998/01/01	2002/12/31	
Paul O'Brien	1998/01/01	2002/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Gordon Watson	1998/01/01	2002/12/31	
Paul O'Brien	1998/01/01	2002/12/31	
Colonial Gold Joint Ventures	1998/01/01	2002/12/31	

General Location

The operation was located upstream on Gold Bottom Creek, and moved 3 to 4km upstream by 2001. Colonial Gold also mined the 1 A/M claim in another joint venture with Mr. Millar of Mogul Gold Placers Ltd., at the confluence of Hunker Creek and Gold Bottom Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 56 45	138 58 38		
1998/01/01	63 54 0	138 58 0		

Water Licence(s)

Number	Comments
PM98-025	Started operating under this license in 1999 with Gold Placers Ltd.

Work History

Paul O'Brien and Gordon Watson of Colonial Gold started operating under the license of Mogul Gold Placers Ltd. In 1999. A joint venture was formed to test claims on the left limit of Hunker Creek approximately 1 kilometre above the mouth of Gold Bottom Creek. During the same season, Colonial Gold set up an operation upstream on Gold Bottom Creek, employing four miners and running two 12-hour shifts. Due to the proximity of this operation to town, a camp was not set up. In 2000, Colonial Gold increased to five miners but ran only one 12-hour shift. By 2001, Colonial Gold had moved about 3 to 4 km upstream on Gold Bottom and also mined the 1 A/M claim in another joint venture with Mr. Millar at the confluence of Hunker Creek and Gold Bottom Creek. Colonial Gold wound down this operation in 2002 and is currently seeking other ground for future mining. A 20 by 80 foot test cut was excavated and sluiced on the Hunker Creek test area. In 1999 and 2000, Colonial Gold moved about 300,000 cubic yards of material. In 2001, three more cuts were made. The upstream cut was approximately 500 by 60 by 35 feet deep. A second cut measured 600 by 60 by 35 feet in depth, and on the 1 A/M claim at Hunker and Gold Bottom, a further cut 500 by 40 by 23 feet was excavated. A total of approximately 20,847 cubic yards were sluiced. The cut in 2002 was 900 by 120 feet, out of which an average 3 feet of gravels and unconsolidated bedrock was sluiced.

Equipment

In 1999, Colonial Gold moved onto the site their equipment, which included one EX200m Hitachi excavator to strip and tail out, and a second one to feed the plant. Intermittently, two D8 Caterpillar bulldozers were used to strip the ground. To perform the test work on Hunker Creek, a Caterpillar front-end loader was employed. In

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Page 2 of 2

2000, the increased equipment to 3 Hitachi EX200 excavator and a leased D9 Caterpillar, using the D9 and an excavator to strip, a second excavator to tail out and the third to feed the plant. 2001 saw a reduction in equipment to the two excavators and a 980 Caterpillar loader. In 2002, equipment was Caterpillar D8K bulldozer leased for stripping and the two EX200 Hitachi excavators which also stripped material and loaded the plant. The Caterpillar 980 loader continued to be used in the recovery of pay gravels. Colonial Gold used a 5-foot rotary trommel with a 40-foot stacker and hydraulic riffles. The pump was a Cornell 6 by 6 inch, powered by a Perkins 6/354 diesel, capable of pumping 600 igpm. Approximately 75 cubic yards were processed per hour. For the test program on Hunker Creek, a 3-foot rotary trommel and Ross box were used. A 6 by 6 WAI pump, powered by a Detroit diesel engine, pumping 300 igpm was employed for this sluicing venture, processing 30 cubic yards per hour. Jigs were used for the final clean-ups. Water was acquired from Gold Bottom Creek and returned through a series of settling ponds and dtiches. The creek was switched from the left limit to the right limit channel as required. An out-of-stream settling pond was constructed on Hunker Creek for test sluice purposes.

Bedrock Geology

Bedrock is mapped as decomposed chlorite schist.

Gold Comments

Little gold was recovered from the Hunker Creek site. It was generally dull, fine-grained and no nuggets, assaying out at about 820. On Gold Bottom, the gold was small and flat with very few nuggets and a fineness of 785. The gold recovery in Gold Bottom Creek was very inconsistent.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 79-80

Pictures

Title: Colonial Gold's operation on Gold Bottom Creek

Notes:

