

Yukon Placer Database Operations Report



Field Name: Coulee Resources Ltd., 2002-2003

Last Update: 11-Jan-2005

Status: Active Producer

Stream: Sulphur: a tributary of Dominion

Map Sheet(s): 1150/10, 1150/15

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Operators

Name	From (Date)	To (Date)	Comment
Joel White	2002/01/01	2003/12/31	Optioned this ground from Mark & Paul Peirson.
Coulee Resources	2002/01/01	2003/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Joel White	2002/01/01	2003/12/31	Optioned this ground from Mark &
Coulee Resources	2002/01/01	2003/12/31	

General Location

This property is located just downstream from Green Gulch.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 48 10	138 55 53		
2003/01/01	63 47 0	138 54 0		
2002/01/01	63 44 0	138 50 0		

Water Licence(s)

Number	Comments
PM99-125	

Work History

Joel White was previously mining on Black Hills Creek and continued to do some work there as well in 2002. A mobile camp was put together at Meadow Gulch, and 7 miners and 2 camp personnel put in two 12-hour shifts per day. Three cuts were completed this first mining season, averaging 1,800 by 120 feet, 1,100 by 120 feet and 700 by 80-feet respectively. Some material was left to be sluiced the following season. Sluicing began mid-August in 2003, and finished the end of October.

Production

Year	Stripped	Sluiced
2002	Unknown	150 cubic yards/hr

Equipment

The operation intended to complete mining on this ground during the 2002 season. A D8L and a D9H Caterpillar bulldozer as well as a Komatsu D455A were used to strip off the overburden. Excavators included a Komatsu PC200, LC5, PC400 and a 992 John Deere. Partway through the season a PC1000 was purchased with 48-inch "superwide" pads and a 6 yard bucket, one of the largest excavators to work in the Klondike placer area. An ELRUSS 6 by 16-foot inclined double screen deck wash plant was employed, with four 4 by 16-foot oscillating sluice runs, line with Nomad matting and No. 8 expanded metal. The angle was 1.5-inch per foot of grade. The plant was run by a Gorman Rupp 10 by 12-inch pump, powered by a Caterpillar 3406 diesel engine, capable of approximately 1800 igpm. Approximately 150 cubic yards were processed per hour. Water acquisition was from Sulphur Creek and a 400 by 100-foot out-of-stream settling pond was used to treat effluent. The pond spillway

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entered into an old dredge area and virtually no water was returned to the creek. Water was accumulated in a reservoir pond and approximately 60% was recycled. This was an out of stream operation in 2003, and used tarpaulins and heaters to maintain the sluice box.

Landforms

Landform	Comments
Alluvial Valley	

Surficial Geology

An average of 25 feet of black muck overlays a 4-foot bed composed of small, rounded and washed gravels. Both the 4-foot bed of gravel and 2 feet of orange coloured bedrock were sluiced.

Bedrock Geology

The bedrock was soft and decomposed unconsolidated schist which ranged in colour from an orange colour (where the gold was found) interspersed by blue grey colour (no concentrates whatsoever) reefs.

Gold Comments

The gold was generally very fine with a few dendritic crystalline nuggets. Fines were from 79-80. Cleanups were performed every 80 hours by jiggin, screening to four sizes and run over a Diester table. An average cleanup was comprised of about 129 ounces at -30 mesh, 112 ounces at -20 mesh, 26 ounces at -10 mesh, 12 ounces at +10 mesh and between 1 to 2 ounce of a +4 size.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 105

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 117

Pictures

Title: Coulee Resources, 2002

Notes:

Al Rothwell stands beside a PC1000 Komatsu 6 cubic yard bucket.

