

Yukon Placer Database Operations Report



Field Name: Fuerstner, 1998-2001

Last Update: 21-Feb-2005

Status: Recent Producer 1978-present

Stream: Cottoneva: a tributary of South Big Salmon

Map Sheet(s): 105E/8

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Operators

Name	From (Date)	To (Date)	Comment
M. Fuerstner	1998/01/01	2001/12/31	

Owners

Name	From (Date)	To (Date)	Comment
M. Fuerstner	1998/01/01	2001/12/31	

General Location

Fuerstner's operation was located in the mid-reaches on Cottoneva Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
1998/01/01	61 23 44	134 19 41		

Water Licence(s)

Number	Comments
PM97-058	

Work History

Fuerstner, with the assistance of one to two other miners and one camp personnel, mined Cottoneva Creek from 1998 to 2000.

Equipment

An Hitachi excavator was used to load two Terex rock trucks which stockpiled the pay materials at the processing plant. The excavator then fed the processing plant. A Terex bulldozer and loader were used for removing tailings, stripping overburden and pushing to the excavator. Water was aquired from a small instream reservoir using a pump which fed the wash plant. The effluent flowed down the mined-out reach of Cottoneva Creek and then was diverted into a series of natural sink holes to the final conctructed settling pond adjacent to the South Big Salmon River. There was not a discharge to the South Big Salmon River.

Environmental Work

Year	Reclamation Work
2001	Final restoration work was finished early in the season and the site was decommissioned.

Landforms

Landform	Comments
Paleochannel	

Bedrock Geology

The upper reaches are underlain by dioritic to quartz dioritic augen amphibole gneiss. The lower reaches are underlain by schist, quartzite and amphibolitic greenstone. These rocks are likely Carboniferous and/or Permian in age and have been assigned to the Yukon Group. Between this creek and Little Violet a number of quartz veins outcrop along the foot of the valley.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 200

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References

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 16