Yukon Placer Database
Operations Report

Field Name: Zemenchik, 1998-2000 **Last Update: 21-Feb-2005**

Status: Exploratory

Stream: Duncan: a tributary of Mayo River

Map Sheet(s): 115P/16

Operators

Name	From (Date)	To (Date)	Comment
Zemenchik	1998/01/01	2000/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Zemenchik	1998/01/01	2000/12/31	

General Location

Zemenchik's exploratory operation was located on the left limit of upper Duncan Creek on the Gold 3 and Gold 4 placer claims.

Location Details

Date:	Latitude Deg	Min	Sec	Longitude Deg	Min	Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63	52	16	135	15	39		
2000/01/01	63	47	0	136	9	0		
1998/01/01	63	47	0	136	9	0		

Water Licence(s)

Number	Comments
PM94-126	

Work History

Zemenchick's small exploratory mining operation for a diversion, had been constructed under water licence PM90-085. The diversion channel located on the Gold 3 and Gold 4 claims was mined downstream for approximately 400 feet. This ground was restaked by new claim holders in 2002.

Equipment

An excavator and a small test wash plant was used with out-of-stream test pits being used for settling ponds to meet a 5.0ml/l effluent standard.

Landforms

Landform	Comments
Alluvial Valley	

Bedrock Geology

The Robert Service thrust fault traverses the field area, thrusting Upper Proterozoic Hyland Group phyllite, psammite and marble over Mississippian Keno Hill quartzite and Devono-Mississippian Earn Group graphitic schist, phyllite and sericite schist. Triassic meta-diorite sills intrude the Paleozoic sequence. Hosted within the Keno Hill quartzite are over sixty silver-lead and gold vein deposits, nearly all of which have been mined for silver.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 174

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 20