

Yukon Placer Database Stream Report



Stream: Carmack Fork
Tributary: Upper Bonanza
Mining District: Dawson

Last Update: 20-Feb-2007

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General Comments

Carmack Fork is a 6 km long right limit tributary to Upper Bonanza Creek.

General Gold

Miners reported fine powder gold only, no flakes or nuggets, with fineness of 692.

Operations

Field Name	Latitude	Longitude	Status	Date
	Deg:Min:Sec	Deg:Min:Sec		
6077 Yukon Ltd., 1997-2004, 2009	63:54:58	139:8:26	Active Producer	1/1/2009

Work History

1997-2002 - 6077 Yukon Ltd. This ground was first tested in 1997 and mining began in 1998. In 1998, three small cuts totaled approximately 30 feet wide by 150 feet long. In 1999, one cut 65 feet wide by 400 feet long was made. In 2000, one cut was about 30 feet wide by 100 feet long and in 2001, at a wider part of the valley as mining moved upstream, the cut was about 200 feet wide by 400 feet long. Two cuts were mined in 2002, measuring 500 by 50 feet and 100 by 100 feet. In 2002 and 2003, Wayne Hawkes worked under a license agreement with Dave Trainer. One cut 30 ft by 3 ft by 2500 ft (9 x 0.9 x 762 m) was processed. The sluice plant was moved upstream above Flannery Pup with a new settling pond added. In 2004, the operation moved upstream into Flannery Pup.

Landforms

Landform	Comments
Alluvial Valley	

Glacial Limits

Unglaciaded

General Stratigraphy

Gravel layers were up to 12 feet deep and the bottom 6 feet of gravel plus 1 foot of bedrock were sluiced.

Surficial Geology

Organic overburden, from 8 feet deep up to 20 feet deep, was thawed near the creek channel and frozen along the sides of the valley.

Bedrock Geology

Bedrock is mapped as Carboniferous and Permian tan to rusty and black weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (+/-chlorite) schist; includes augen gneiss and amphibolite (Klondike Schist)

References

Froese D.G., Enkin, R.J., and Smith, D.G. 2000. Placer Depositional settings and their ages along Dominion Creek, Klondike Area, Yukon. In: Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.)
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Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 57-58