

Yukon Placer Database Operations Report



Field Name: Gould, 1993-1998

Last Update: 21-Feb-2005

Status: Recent Producer 1978-present

Stream: Independence: a tributary of Hunker

Map Sheet(s): 1150/14

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Operators

| Name | From (Date) | To (Date) | Comment |
|-------------|-------------|------------|---------|
| Peter Gould | 1993/01/01 | 1998/12/31 | |

Owners

| Name | From (Date) | To (Date) | Comment |
|-------------|-------------|------------|---------|
| Peter Gould | 1993/01/01 | 1998/12/31 | |

General Location

Nugget Hill is a left limit bench of Hunker Creek between Independence Creek and Hester Creek.

Location Details

| Date: | Latitude | | | Longitude | | | Elevation | Distance from Mouth |
|------------|----------|-----|-----|-----------|-----|-----|-----------|---------------------|
| | Deg | Min | Sec | Deg | Min | Sec | (feet) | (feet) |
| 2003/01/01 | 63 | 59 | 22 | 139 | 2 | 30 | | |
| 1998/01/01 | 63 | 58 | 0 | 139 | 2 | 0 | | |
| 1995/01/01 | 63 | 58 | 0 | 139 | 2 | 0 | | |
| 1993/01/01 | 63 | 59 | 0 | 139 | 2 | 0 | | |

Water Licence(s)

| Number | Comments |
|----------|----------|
| PM95-062 | |
| PM92-074 | |

Work History

Peter Gould and one employee ran a single shift. Approximately 8000 cubic yards were sluiced in 1993, and 33,400 cubic yards were sluiced in 1994. In 1995, approximately 32,000 cubic yards were sluiced. Due to dry conditions the production decreased to approximately 9000 cubic yards in 1996. Water was not a limiting factor in 1997 and the production rose to 31000 cubic yards sluiced.

Production

| Year | Stripped | Sluiced |
|------|----------|-------------------|
| 1997 | Unknown | 31000 cubic yards |
| 1996 | Unknown | 9000 cubic yards |
| 1995 | Unknown | 32000 cubic yards |
| 1994 | Unknown | 33400 cubic yards |
| 1993 | Unknown | 8000 cubic yards |

Equipment

A D7F Caterpillar bulldozer was used for stripping, stockpiling pay gravel, and clearing tailings away during sluicing. A 930 Caterpillar loader fed the sluice plant and removed coarse tailings. A hopper fed into a scrubber (trommel) 4 feet in diameter by 30 feet long. The one-inch minus classified pay was sluiced in two 4 feet wide by 20 foot long oscillating runs. Nomad matting, expanded metal, and some riffles lined the sluice runs. Approximately 50 cubic yards per hour could be sluiced. A Cornell 6 by 8-inch pump supplied the 1000 igpm needed for sluicing. All water for sluicing came from a 2.5-mile ditch bringing natural run-off from Independence

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Creek. The ditch was originally built around 1905 by Peter Gould's grandfather. Water was recycled through a series of storage ponds built on previously mined ground. No discharge occurred back to any creek.

Landforms

| Landform | Comments |
|-----------------|-----------------|
|-----------------|-----------------|

| | |
|-----------------|--|
| Alluvial Valley | |
|-----------------|--|

Surficial Geology

Nugget Hill is a White Channel gravel deposit. The overall depth decreased at the end of 1994 from an average of 25 feet to 5 feet due to a sharp rise in the bedrock. Most of the gravel was sluiced with up to one foot of the decomposed bedrock.

Bedrock Geology

Bedrock is slabby schist, fully decomposed and soft.

Gold Comments

Most of the gold was rough and larger than 16 screen. Fineness was 820.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1995, 1996, 1997. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 1998.: p. 58-59

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