

2. Post Glacial Gravels - Creek channel below Fork Gulch

Category: Possible

Length - 2,400 ft.

Width - 100 ft.

Thickness - 15 ft.

Overall Stripping Ratio - 0.33:1

Grade - 0.03 to 0.05 ozs Au/yd<sup>3</sup>

Total Mineable Gravel - 130,000 yds<sup>3</sup>

Recoverable Gold - 3,900 to 6,500 ozs Au

Recoverable Platinum - ?

Value @ \$380 U.S. Au - \$1.48 - \$2.47 million U.S.

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## PROPOSED DEVELOPMENT AND MINING PLANS

### Phase I

Logical development and mining of the high level channel gravels on Thibert Creek is contingent on preparing sufficient settling pond capacity and waste disposal areas. With this in mind, the following Phase I priorities have been established:

1. Construction of a good all weather access road from China Bar to Fork Gulch.
2. Construction of a 2,000 foot long diversion channel to move Thibert Creek over to the north side of the valley opposite Fork Gulch.
3. Construction of 2 large settling ponds sufficient for a recirculating sluice system.
4. Mining and sluicing the post glacial gravels in that portion of the stream bed dried up by the diversion channel.

### Access Road

Approximately 2 miles of new access road will have to be constructed from China Bar along the north side of the Thibert valley to a point opposite Fork Gulch. The ground is well drained but will require the installation of approximately 8 culverts. The estimated cost of this construction is \$12,500, detailed as follows:

2 - D8 Dozers for 1 week	
100 machine hours @ \$100/hour	\$ 10,000
Culverts	<u>2,500</u>
Total	\$ 12,500

### Diversions Channel

A diversion channel cutting across a bow in Thibert Creek directly opposite Fork Gulch is a necessity. This will move Thibert Creek to the northern edge of the valley and will provide the necessary space for a series of settling ponds downstream from the east end of the high level channel. In addition it will permit the mining of the reconcentrated post glacial gravels in a portion of Thibert Creek which could not be mined in the early days of the Dease Lake rush.

The planned diversion channel is approximately 2,000 feet in length and 36 feet wide. Rip rap for the diversion will be sorted from a large rock slide along the north edge of the diversion ditch itself.

Details of the excavation are listed as follows:

1. 20,000 yds<sup>3</sup> material excavated
2. 20,000 yds<sup>3</sup> of rip rap placed
3. Grade of diversion, approximately 0.75 per cent

The time required to complete the diversion along with its projected cost is as follows: