

Livingood AG

PE-049-03

1938

BRIEF REPORT ON THE TWIN LODGE MINE IN THE FAIRBANKS MINING DISTRICT

4-29-15

This mine is situated on the left limit of Twin Creek just below the mouth of Skoogie Gulch, about 17 miles north of Fairbanks on the Steese Highway. It is owned by Julien A. Hurley, Pat O'Connor, C. W. Tibbetts, Guy Birch and Art Anderson and comprises 12 lode claims in all. Harry L. Wood has leased the mine from its owners and is proceeding to develop the same under a loan from the R.F.C.

The country rock is granite and very hard. The vein averages about 10 $\frac{1}{2}$ inches wide and has an almost vertical dip. The average value of the vein is a little over \$60 per ton. The average value obtained by the R.F.C. examination was a little over \$59. However, the vein is showing better values as the tunnel is driven farther into the hill.

The lower tunnel is about 50 ft. in elevation above the bed of Twin Creek. Wood has driven this tunnel on the vein into the hill about 450 ft. At the 115-foot level above the lower tunnel, Wood is working in a tunnel which at present has reached a distance of 90 ft. on the vein into the hill. He has also driven an intermediate tunnel at the 60-foot elevation 50 ft. into the hill. From the end of the tunnel on the 60-foot elevation a raise has been driven to the 115-foot level. 385 ft. in from the portal of the lower tunnel Wood is at present driving a raise to connect with the tunnel at the 115-foot level at 125 ft. from its portal. The plan is to continue driving the lower tunnel and the tunnel at the 115-foot level, connecting them by raises at every 125 ft. When the 115-foot level has been driven under the apex of the hill, there will be 600 to 800 ft. of ore overhead, provided of course that the vein extends that far (about 1/2 mile).

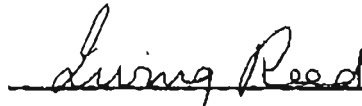
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B. D. STEWART
Commissioner of Mines

At present Wood has 5 men working on this lode. He has with his loan from the R.F.C. bought a new compressor run by a new Ford V-8 engine, a new steel sharpener, a new stoper and 2 jackhamers. Next summer the intention is to install a 35-ton ball mill and concentrating plant.

So far no timbering has been required and only 3 small faults have been encountered. Only about 20 per cent of the values in the ore are free-milling. The rest of the values are base and will have to be shipped as concentrates to a smelter.



Associate Mining Engineer