MR 42-14

Powder River Gold Mine - Sec. 20, Twp. 47, Range 85 - SE of NW 1/4

A gold property which carries some manganese. The ore occurs in quartz veins and in hornblende schist which contains stringers of quartz carrying gold. A shaft has been dug 110' on the principal vein but there is water in the last 35'. Drift 35' at 40' depth.

A mill has just been put up and the first test run made. They don't know the percentage of gold in the ore because it varies and none has yet been mined.

About 100 lbs. of concentrates per hour are expected. These concentrates carry a high percentage of Mn, in fact after running the mill about an hour the plates covered with mercury are coated with Mn and the gold goes over the plates instead of being amalgamated.

The possibility of producing Mn is important because a gold property without any strategic or critical mineral production cannot get a priority rating.

(Visited workings with Kirby White and spoke about milling problems with George Tate.)

George Tate
Box 67
Buffalo, Wyo.

Powder River Gold Mine - S20, T47, R85 SE of NW 1/4 of

30-VIII-42

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