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MINING ENGINEER
1026 17TH STREET - DENVER, COLORADO

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THE PHILADELPHIA MINE.

This mine is located in Vermillion Mining District, Gilpin County, Colorado. It is 46 miles from Denver and 7 miles from Black Hawk and Central City which is the county seat of Gilpin county. Good roads reach the mine, all paved except last four miles.

The altitude above sea level is about 9500 feet - mine can be worked continuously.

The nearest railroad shipping point is Rollinsville on the Moffat road a distance of 17 miles, or ore can be trucked to smelter at Leadville, approximately 80 miles - freight by truck to Leadville \$5.15 per ton.

This property consists of three patented lode mining claims, about 15½ acres. The claims are the Philadelphia, East Philadelphia and Philadelphia No. 2 lodes U.S. Mineral Survey No. 14851.

The developments on this mine consist of a shaft 212 feet in depth to bottom of a 12 foot sump. The first level with about 200 feet of drifts is 113 feet below collar of shaft, While the second level is 200 feet below collar of shaft and has 200 feet of drifts.

Records of early day shipments from this mine are not obtainable, but from hearsay reports by old time miners the principal values were in lead, car lead lots averaging 65%.

Recent crude shipments show a value of from \$15 to \$20 per ton in gold, silver, lead and zinc. Steel galena is found in this ore its present market value being \$1.00^{aa} a pound.

Ore sheet 1½ to 10 feet wide - length 100 to 150 feet.

Mr. Lee Hayes - from whom this information was obtained has a six year lease and bond on this mine - has equipped it and built a 20 ton mill now almost completed. Mr. Hayes needs financial aid to continue operations. I ¹¹¹recommend investigation.

Sincerely,

John H. Marks.