

# HAILE MINES, INC.

TO:

DATE: August 23, 1957

FROM:

SUBJECT: Black Cloud Mine- Magdalene District  
Socorro Co., N.M.

COPY TO:

Report on the BLACK CLOUD MINE  
Property of  
The Black Cloud Mining & Milling Corporation

Magdalene, Socorro Co.  
New Mexico

by John F. Duling  
Consulting Mining Engineer  
Los Angeles, California

Date - probably 1929.

## VALUE OF ORE (Note Cerrusite Ore)

In March 1926, a rather extensive sampling of the Black Cloud workings for a length of ore shoot of 460 feet, was made at intervals of 20 feet.

This sampling gave an average of 11.43% lead and \$2.31 in gold and silver, and could have an average when mined of approximately 20% less than this, or about 9.1% lead.

The deeper workings average, as shown in B samples, gave 13.45% lead and 2.64% gold and silver.

Samples B-10 and B-11, taken from the bottom of the winze, the deepest workings in the Black Cloud, ran 17.56% and 17.65% lead, indicating an improvement of the grade of the ore as a greater depth is attained.

The average mill head ran somewhat lower than the underground assays indicate, due probably to the mining in a considerable amount of open pit ore which it was impossible to mine as clean as the underground ores.

N.M. Bureau of Mines  
2. Mineral Resources  
Socorro, N.M. 87801 File Data

Confidential

Open



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The following is the monthly average of the mill heads and tons milled for 1928 operations:

January	1928	-	1580 tons milled - heads	8.2% lead.
February	"	-	550 tons milled - heads	9.0% lead.
July,	"	-	1275 tons milled - heads	7.7% lead.
August	"	-	920 tons milled - heads	7.3% lead.
September	"	-	1144 tons milled - heads	7.8% lead.

page 14.