0280 0017

(268) Item 19

PROPERTY NAME: Pershing Quicksilver

OTHER NAMES:

MINERAL COMMODITY(IES): Hg

TYPE OF DEPOSIT: Carbonate replacement in dolomite conglomerate.

ACCESSIBILITY: Good.

OWNERSHIP: Unknown

PRODUCTION: 5300 Flasks Hg

HISTORY: Intermittent production 1914-1969

County: Pershing

Mining District: Antelope Springs

AMS Sheet: Lovelock

Quad Sheet: Buffalo Mtn. 15'

Sec. 9, T 26N, R 34E

Coordinate (UTM):

North 4|4|4|3|0|0|0 m

East 0|4|0|0|2|0|0 m

Zone

DEVELOPMENT: Numerous adits, open cuts; remains of retort and furnace

ACTIVITY AT TIME OF EXAMINATION: None. No evidence of recent exploration although property is maintained.

GEOLOGY: Triassic dolomitic conglomerate overlain by phyllite and shale forms the host rock for mercury mineralization at the Pershing Quicksilver mine. The cinnabar occurs in carbonate veinlets cutting the matrix of the conglomerate and as small discrete pods and crystals the matrix.

Lawrence reports stibnite, pyrite, sphalerite and galena associated with the cinnabar. None of these sulfides were observed in the ore samples collected, but some yellow oxide, which is probably a Pb-Sb oxide was collected. The sample collected is relatively high-grade.

REMARKS: Sample 2584
Photo #2

REFERENCES: Johnson 1977, Lawrence 1963

EXAMINER: H.F. Bonham, Jr.

DATE VISITED: 7-17-85