

4570 0004

PROPERTY NAME: Pinite Mine
OTHER NAMES: Bullhead Lode
MINERAL COMMODITY(IES): Pinite a mixture sericite & pyrophyllite
TYPE OF DEPOSIT: Hydrothermal
ACCESSIBILITY: Accessible by good road
OWNERSHIP: On Bullhead Lode claim patented in 1954. Present ownership unknown.
PRODUCTION: Probably about 10,000 S.T.
HISTORY: Mined intermittently from 1938 through 1948 by Gladding, McBean and Co., used to make refractory brick

County: Pershing Ham 4
Mining District: Spring Valley
AMS Sheet: Lovelock
Quad Sheet: Unionville 15'
Sec. 19, T 28N, R 35E
Coordinate (UTM):
North 4 4 5 8 9 0 0 m
East 0 4 0 7 2 5 0 m
Zone 11

DEVELOPMENT: Open pit about 500' long NNW and 50' wide.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The Pinite body occurs in an eastward-dipping zone in clastic sedimentary rocks, part of the Weaver Rhyolite of Permian or Early Triassic age. The hanging wall of the orebody is a fault that dips 55° or steeper to the east, approximately concordant with bedding in the overlying rocks. The footwall contact is in part conformable to bedding in the adjacent rocks. The country rock commonly is altered with development of sericite, kaolinite, and calcite (sample 2714), and in places is silicified.

Some of the ore, especially near the hanging wall, is banded with 1/8 to 1/4" bands of slightly differing gray colors. This banding also is generally conformable. Massive material is more common and widespread; this is light gray to light olive gray, very fine grained, and locally iron-stained. The Pinite consists of abundant sericite, lesser and variable amounts of pyrophyllite, and some quartz. Sample 2715 is typical.

REMARKS:

REFERENCES: Papke, K.G., 1975, Talcose minerals in Nevada: Nevada Bureau of Mines and Geology Bulletin 84, p. 54, 56-58.

EXAMINER: Keith G. Papke

DATE VISITED: 9/14/84