

4890 0004

PROPERTY NAME: Pearl Hill
OTHER NAMES: NBMG SAMPLE SITE 2726
MINERAL COMMODITY(IES): Perlite
TYPE OF DEPOSIT: Alteration volcanic glass
ACCESSIBILITY: Good haul road

OWNERSHIP: Owned by U.S. Gypsum Co.

PRODUCTION: Moderate tonnage produced.

HISTORY: _____

County: Pershing Item 10
Mining District: Arabia
AMS Sheet: Lovelock
Quad Sheet: Poker Brown Spring 7½'
Sec. 19, T 28N, R 31E

Coordinate (UTM):

North 4 4 6 0 0 6 0 m

East 0 3 6 8 6 9 0 m

Zone +11

DEVELOPMENT: Pit about 400 feet east-west with maximum width of about 300 feet. Developed by number of benches over vertical distance of about 175 feet

ACTIVITY AT TIME OF EXAMINATION: Semiactive mine.

GEOLOGY: The perlite body, exposed in the entire pit and for a short distance above it, dips southerly at about 20-25° and is estimated to have a stratigraphic thickness of 150 feet. The footwall rocks are not exposed. The hanging-wall is a welded tuff; the contact is sharp and banding in the welded tuff is approximately conformable in attitude to the contact and banded material in the underlying perlite. Some banded beds and pods of stony, nonexpandable material up to 3-4 inches thick are present in the perlite. They are sparse in the lower part, but are abundant within about 40 feet of the upper contact. The stony material is characterized by abundant vugs and some coatings of dusky-yellow color.

The perlite is partly fractured. Onion-skin texture is not particularly well developed; much of the material breaks into equidimensional fragments or, less commonly, splintery fragments. 002726 is a perlite sample.

REMARKS: _____

REFERENCES: _____

EXAMINER: Keith G. Papke

DATE VISITED: 10/10/84