

4950 0025

PROPERTY NAME: Great Eastern Lode claims

OTHER NAMES: _____

MINERAL COMMODITY(IES): SulfidesTYPE OF DEPOSIT: Vein, breccia (shear)

ACCESSIBILITY: _____

OWNERSHIP: D.W. Phillips et al.

PRODUCTION: _____

HISTORY: _____

County: ElkoMining District: TuscaroraAMS Sheet: Mc DermittQuad Sheet: Mt. Blitzen 15'Sec. 8, T 39N, R 51E

Coordinate (UTM):

North 4 5 7 1 7 0 0 mEast 0 5 6 2 1 0 0 mZone +11DEVELOPMENT: Several workings on east-facing slopeACTIVITY AT TIME OF EXAMINATION: None.GEOLOGY: Sampled working is a caved, west-trending adit. Other workings on the hill consist of one trench + Assorted old prospects.

Host rock for the deposit is a bleached, silicified tuff or tuff breccia*. The rock contains altered red pumice fragments & clear plagioclase phenocrysts set in a fine-grained, light-colored matrix. The rock was probably an andesite, but is so completely argillized it resembles a rhyolite.

The breccia is composed of fragments of rock described above which are cut & cemented by fine siliceous veinlets containing clots of unoxidized pyrite & possibly arsenopyrite. Sulfides also occur in the breccia fragments.

No structure was observed at caved adit, but Hope & Coats geologic map of the county shows two north-striking faults in this area.

*(pyroclastic?)

REMARKS: Sample 195

Photo.

REFERENCES: Hope & Coats, 1976, Preliminary Geologic Map of Elko County, NV., USGS open-file 76-779.EXAMINER: Bentz/SmithDATE VISITED: 7/5/82