

3110 0008

PROPERTY NAME: Mineral Hill Mine  
 OTHER NAMES: Mt. Hope & Chess Claims  
 MINERAL COMMODITY(IES): Ag?, sulfides<sup>of</sup> Cu, Ba, Pb.  
 TYPE OF DEPOSIT: Replacement, vein, shear

ACCESSIBILITY: See Map.

OWNERSHIP: Mt. Hope Mining Co. staked it.

PRODUCTION:

HISTORY:

See NBMG Bulletin #64, 1967.

County: Eureka  
 Mining District: Mineral Hill  
 AMS Sheet: Winnemucca  
 Quad Sheet: Mineral Hill 15'  
 Sec. 3,10 T 26N R 52E

Coordinate (UTM):

North 4 4 4 5 2 0 0 m  
 East 0 5 7 7 2 0 0 m  
 Zone +11

DEVELOPMENT: Several old adits & shafts in area, more than shown on map. There are alot of dozed trenches & roads on west side of hill. (JB) (Also see below in remarks).  
drill

ACTIVITY AT TIME OF EXAMINATION: Drill roads down west side of Hill approx. 1 year old. Dumps reworked in 1980. Claims active. (JB)

GEOLOGY: Area consists of faulted and sheared medium<sup>to</sup> dark grey dolomite (undifferentiated sediments - ) at the contact with the Roberts Mtn. thrust (Vinini Fm ORD). Faults cross-cutting & trending E-W, dipping steeply north and South. Heavily brecciated, cemented with silica, stockworkings. Unable to take bedding attitudes, however strikes NW and dips steeply NE. Dolomite silicified. Massive quartz veining, breccia ranging from fine to boulder size. Mineralization includes - Malachite and azurite coatings surfaces and fractures. Pods and stringers of sulfides: pyrite, galena, covalite, anglesite, barite and a white radiating mineral coating vugs. A particularly noticable rock was one with white and dark grey banding resembling zebra stripes. Fe-Mg and yellow oxides. Massive white crystalline calcite & cerussite noted.

REMARKS: Series of open stopes, adits and shafts on N and NW side of mountains along the ridge. Workings trend N-S parallel to mountains. Series of small openings consisting of small shafts down NW side of mountain.

Later Later workings consist of open cutting which obliterated most of older workings.

Remains of town in valley at N end of mountain.

Note:

property revisited on 12/8/81 - No activity. Most of Pb, Fe mineralization occurs in massive, irregular quartz replaced dolomite. Veining generally trends N-S & is cut by several hi-angle NE-striking faults & fracture zones. Cuoxs occur on fracture surfaces of replaced, silicified dolomite. Various sulfides occur in vein material. Host dolomite is bleached, sheared, & recrystallized throughout adit exposure. - JB 1982.

REFERENCES:

Samples 748 & 134.  
photos.

EXAMINER: SMITH / JONES  
BENTZ / BROOKS - revisited

DATE VISITED: 12/8/81  
5/28/82