

0550 0005

PROPERTY NAME: Sansinena Mine

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): BaTYPE OF DEPOSIT: Bedded

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: Zane Hunt Mining Co.

PRODUCTION: \_\_\_\_\_

HISTORY: \_\_\_\_\_

County: EurekaMining District: BeowaweAMS Sheet: WinnemuccaQuad Sheet: Dunphy 15'Sec. 12, T 31N, R 48E

Coordinate (UTM):

North 4 4 9 1 7 5 0 mEast 0 5 4 0 8 7 5 mZone +11DEVELOPMENT: Open pit mine, millsite & crusher, large stockpiles of crushed ore.ACTIVITY AT TIME OF EXAMINATION: Mine currently or recently active.GEOLOGY: NBMG Map 50 shows the mine site underlain by Ordovician Vinini Fm. which is locally overlain by Tertiary basalts.The main working is an open pit approximately 800' X 500' & about 200' deep.\* Other smaller pits are peripheral to the main pit. The main pit is elongate in an E-W direction.The south side of the main pit is a steep, benched face. The entire face is composed of thin bedded, fractured, undulatory beds of Vinini Fm silty shales, mudstones, chert. Although the bedding is somewhat convoluted, the beds are generally horizontal or shallowly dipping to the south.The rocks within the pit have barite horizons, contain barite on fracture surfaces & are Fe-stained. Several areas of intense hydrothermal alteration are exposed in the pit. These areas are characteristically Fe-stained & high-angle. They probably represent structures or channel ways along which hydrothermal fluids passed. Sample 1536 was collected from one of these altered zones. It consists of Fe-stained, barite laden mudstone & limonitic gouge material. Some concretionary barite nodules (egg-shaped) found in pit also.

REMARKS: \_\_\_\_\_

\* Dimensions are guesstimated!Sample 1536Photos.REFERENCES: NBMG Map 50

Bentz

EXAMINER: \_\_\_\_\_

7/30/82

DATE VISITED: \_\_\_\_\_