

4350 0023

PROPERTY NAME: Auburn Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): AuTYPE OF DEPOSIT: Quartz veinACCESSIBILITY: Good

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: PershingMining District: SierraAMS Sheet: WinnemuccaQuad Sheet: Rose Creek Mtn. 7 1/2'
NW/4Sec. 6, T 33N, R 37E

Coordinate (UTM):

North 4 5 1 2 9 0 0 mEast 0 4 2 7 0 2 0 mZone + 11DEVELOPMENT: Several adits, some open stopes, numerous bulldozer roads, and rotary drill holes.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Milky quartz veins, generally less than 30cm wide, cut phyllite and conglomerate of Triassic age (probably the Natchez Pass Formation). Limestone is also present in the section, and the conglomerate is calcareously cemented. The rocks are faulted and folded and may be near a major north-trending high-angle fault. (See Johnson, 1977, pl. 1). Stopes and major workings were noted along a due N, 0-35E low angle (thrust?) fault zone. The remaining vein material is up to 30 cm wide, but stopes are about 1.5m. There is sparse sericite in the veins, which contain scattered limonite concentrations. No sulfide minerals were observed in the samples examined.

REMARKS: Photo LG 843-19 is of some old buildings below the adits. Sample 2346 is grab quartz vein matter.REFERENCES: Johnson (1977)EXAMINER: L.J. GarsideDATE VISITED: 28 Sep 84