

43500020

PROPERTY NAME: Four Sister^S Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Au?TYPE OF DEPOSIT: Quartz vein

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: Minor(?)

HISTORY: _____

County: PershingMining District: SierraAMS Sheet: WinnemuccaQuad Sheet: Dun Glen 15'
E/2Sec. 20, T 33N, R 37E

Coordinate (UTM):

North 4 5 0 7 9 9 0 mEast 0 4 2 9 2 7 5 mZone +11DEVELOPMENT: Shafts and adits over nearly 1 km. Most dumps small; workings shallow.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Northern workings: A 40 cm wide massive to rarely vuggy quartz vein cuts flow-banded (locally) metarhyolite of the Triassic Koipato Group. The vein contains limonite gossan, but only rare remnant pyrite was noted. The wallrock near the vein is somewhat argillized for a short distance away from the vein. Nearby Koipato is a lithic vitric welded tuff. The quartz vein attitude is N30E, 65NW.

South workings: Massive to rarely vuggy milky quartz vein matter occurs in veins in a massive medium gray limestone of the Prida Formation (Triassic). The attitude of the vein or veins was not determined. The veins contain limonite, malachite, rare azurite, and chalcocite(?).

REMARKS: Sample 2351 is select gossan and quartz vein matter from a dump of a shaft at the north workings. Sample 2352 is copper-stained quartz vein matter (select) from the dump of an adit in limestone at the south workings. Photo LG 843-24 is of the rock walls of an old house near the north workings.

REFERENCES: _____

EXAMINER: L.J. GarsideDATE VISITED: 29 Sep 84