

5360 0003

PROPERTY NAME: Star Point Mine
 OTHER NAMES: Azureite Copper Mine (sign on old building)
 MINERAL COMMODITY(IES): Cu
 TYPE OF DEPOSIT: mineralized shear zone
 ACCESSIBILITY: _____
 OWNERSHIP: _____
 PRODUCTION: small or none
 HISTORY: _____

County: Pershing (307) Ham 3
 Mining District: Willow Creek ?
 AMS Sheet: Winnemucca
 Quad Sheet: Kyle Hot Springs 15'
 S/2 S/2
 Sec. 24, T 30N, R 36E
 Coordinate (UTM):
 North 4 4 7 8 1 7 5 m
 East 0 4 2 5 4 5 0 m
 Zone _____

DEVELOPMENT: Several short adits, numerous shallow prospect pits and bulldozer cuts.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Azurite and malachite occur as fracture coatings with limonite in sheared and brecciated dark quartzite and argillite of the Ordovician Valmy Formation. Numerous 1-6 cm (and wider in places) white bull quartz veins cut the Valmy, but often appear unrelated to the occurrence of oxide copper minerals. Several shear zones appear to have been prospected. They generally trend east-west to northeast and dip northerly at 35-40°. Johnson (1977, plate 1) shows a thrust fault near this locality entirely within the Valmy. No sulfide minerals were seen. Quartz veining is present along at least one shear zone.

REMARKS: Sample 2335 is select dump and pit face material with visible oxide copper minerals. Photo LG 843-29 is of an old building on the site, ore pile nearby (not sampled), and hill with pits in background.

REFERENCES: Johnson, M.G. (1977) Geology and mineral deposits of Pershing County, Nevada: Nevada Bureau of Mines and Geology Bulletin 89.

EXAMINER: L. J. Garside

DATE VISITED: 13 Sep 84