

1 4000 0008
PROPERTY NAME: Rose Creek Mine

OTHER NAMES:

MINERAL COMMODITY(IES): W

TYPE OF DEPOSIT: Skarn

ACCESSIBILITY: Good

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Pershing 293 Jan 9

Mining District: Rose Creek

AMS Sheet: Winnemucca

Quad Sheet: Rose Creek Mtn. 7 1/2 NE/4

Sec. 6, T 34N, R 37E

Coordinate (UTM):

North 4 5 2 2 4 8 0 m

East 0 4 2 7 7 6 0 m

Zone 11

DEVELOPMENT: At least 2 adits, one drill hole, and bulldozer cuts.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Scheelite, pyrite and probably a little chalcopyrite occur in dark green diopside skarn. The scheelite is commonly associated with milky quartz veins 1cm or more wide, which cut the skarn. Sulfide-rich skarn contains most of the pyrite. Limonite and rare chrysocolla occur in oxidized skarn. The skarn appears to replace beds which trend east-west? and dip to the north(?). Some dark green skarn has 2-5mm oval (in cross-section) calcite blebs (included in sample). The wallrocks which have been converted to hornfels and skarn are Triassic Winnemucca Formation (Johnson, 1977) argillite and presumably, carbonate rocks. Light gray dolomite is exposed 100m north of the sample locality.

REMARKS: Sample 2344 is of scheelite-bearing quartz, sulfide-rich skarn and a piece of granodiorite from an ore? pile on the dump of an upper adit. Photo LG 843-16 is of the adit portal.

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: 28 Sep 84