

2630 0013
PROPERTY NAME: Imperial Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Ag, Cu, Pb

TYPE OF DEPOSIT: Quartz Vein

ACCESSIBILITY: Good

OWNERSHIP:

PRODUCTION:

HISTORY: First worked before 1900.

County: Pershing (28)

Mining District: Kennedy Jan 14

AMS Sheet: Winnemucca

Quad Sheet: Mt. Tobin 15'

c N/2 N/2

Sec. 30, T 28N, R 38E

Coordinate (UTM):

North 4 4 5 8 5 5 0 m

East 0 4 3 6 6 7 5 m

Zone 11

DEVELOPMENT: Adit, numerous prospect pits, moderate dump (some removed later). Adit portal is caved. Workings are reported to exceed 8 km.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Pyrite, galena, sphalerite, tetrahedrite, chalcocite, and other reported sulfide minerals occur in quartz veins which cut diorite. Biotite-bearing granite porphyry occurs on the dump, and some vein matter samples have fragments of a granite porphyry wall(?). At least 15 veins are reported to have been cut by the workings. Most of the veins in the district are reported to trend northwest to north-northwest (see plate 3 of Wallace, 1977). Some rocks on the dump are silicified. Quartz veins exhibit some open-space textures. Tourmaline(?) may be present in quartz vein matter, as well as calcite.

REMARKS: Photo LG842-23 is of the ore bin and dump of the mine. Sample 2328 is of select vein matter from the haul road near the ore bin (the tetrahedrite-rich sample(s) were collected 30 m from the ore bin.

References: Johnson, M.G. (1977) Geology and Mineral Deposits of Pershing County, Nevada: Nevada Bureau of Mines and Geology Bulletin 89, p. 64,65.
Wallace, A.R. (1974) Geology and ore deposits, Kennedy Mining District, Pershing County, Nevada: unpubl. M.S. Thesis, Univ. of Colorado.

~~REFERENCES~~

EXAMINER: L. J. Garside

DATE VISITED: 12 Sep. 84