3860 0018

(101)

PROPERTY NAME: Tonopah Tunnel

OTHER NAMES:

MINERAL COMMODITY(IES): Ag

TYPE OF DEPOSIT: Epithermal vein

ACCESSIBILITY: Good road to within ½ mile of the mine

OWNERSHIP: Pat Chiatovich of Tonopah

PRODUCTION: Unknown

HISTORY: Unknown

County: Esmeralda Item 61

Mining District: Red Mountain

AMS Sheet: Goldfield

Quad Sheet: Piper Peak 15'

Sec. 19, T 2S, R 38E

Coordinate (UTM):

North 4178000 m

East 0428800 m

Zone +11

DEVELOPMENT: One 650 foot adit and a second shorter adit 50 foot above.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The two adits were driven by the Tonopah Mining Co. in 1935 in one of a series of N.E. trending veins. The vein system can be traced diagonally thru sections 30 and 19 and are NW but parallel to the Mohawk Vein. This particular set of veins were mapped by Stewart (1974) as being inside of the Silver Peak caldera.

The vein in which the Tonopah Tunnel (adit) was driven bears N35E and dips close to vertical. The vein is approximately 3-4 feet wide at the surface and forms bold outcrops as it crosses the canyons and ridges. The vein maybe a northern extension of the same vein that the Silver Queen shaft was sunk on? At the surface the vein is reddish-brown, gossan-like, highly silicified and brecciated with prismatic crystals of barite up to ½ inch in length within the matrix. Brecciation extends 5-6 feet into the porphyritic latite and along bothsides of the vein.

Sample 1976 was selected from within the adits and from the upper dump. The lower dump was apparently washed away by a flash flood as it can be seen scattered along the drainage for over a mile. Analysis of the sample were high in Ag (500ppm), Ba, Pb, Zn, Cu, Hg, Sr with lesser amounts of antimony and tungsten.

Sediment and panned concentrates from streams crossing this vein system show many of the same element concentrations.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 5-18-84