2260 0007

(232) Item 7

PROPERTY NAME: Richardson Mine

OTHER NAMES: Silver Leaf

MINERAL COMMODITY(IES): Au/Ag

TYPE OF DEPOSIT: Vein

ACCESSIBILITY: Good roads north of Highway #6

OWNERSHIP: Mrs Myra Richarson and Kirk Willis of Tonopah.

PRODUCTION: Ore shiped between 1922-1935 valued at $16K

HISTORY: Discovered around 1903. The camps biggest producer. Approximatel 160 acres patented.

County: Nye

Mining District: Hannapah

AMS Sheet: Tonopah

Quad Sheet: Hannapah 7½'

Sec. , T 3N , R 45E

Coordinate (UTM):

North 4|2|1|9|7|4|0m

East 0|5|0|7|3|4|0m

Zone

DEVELOPMENT: A 310 foot inclined shaft with levels at 60ft, 100, 200, and 260ft. Water is reported be flooding the lower levels. Headframe in place.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The incline is on the N65°-75°W, 75N shear zone that cuts the Hannapah district and on which the major mines are located. The shear at the mine is reported to be oxidized to a depth of 60 feet and shows minor oxidation therafter. The veins in Hannapah proper were reported to range in thickness from 2 to 8 feet and it was thought that the vein was not massive but occurred as stringers pinching and swelling in silicifed shear zones. The gold-silver mineralization was associated with pyrite in quartz veins that were silicified, arillitized, and commonly brecciated. The main ore was polybasite a silver, antimony sulfide. Kral indicated that the gold content may have averaged o.03 to 1 ounce per ton while the silver may have reached 35 ounces per ton. The host rocks were dominately rhyolite to latite welded tuffs. Sample 3073 was from the dump at the main workings and consisted of silicifed vein material that was strongly bleached, argillitized and contain pyrite and other gray sulfides.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 4-8-86