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 Richardson and Kirk Willis of Tonopah.
PRODUCTION: Ore shipped between 1922-1935 valued at $16K
HISTORY: Discovered around 1903. The camp's biggest producer. Approximately 160 acres patented.

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

GEOLGY: 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 thereafter. 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 silicified 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 0.03 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 silicified vein material that was strongly bleached, argillitized and contain pyrite and other gray sulfides.

REMARKS: 

REFERENCES: 

EXAMINER: Jack Quade
DATE VISITED: 4-8-86