

4840 00 51

(254) Item 53

PROPERTY NAME: King Tonopah Mine
OTHER NAMES: Sample sites 3129 and 3182
MINERAL COMMODITY(IES): Gold-silver
TYPE OF DEPOSIT: Vein
ACCESSIBILITY: Good dirt roads north of Tonopah about 1.5 miles
OWNERSHIP: In 1977 the property was sold to Houston Oil and gas.
PRODUCTION: Unknown but thought to be small
HISTORY: The main shaft was 300 feet deep in 1905

County: Nye
Mining District: Tonopah
AMS Sheet: Tonopah
Quad Sheet: Tonopah 7½'
Sec: 25, T 3N, R 42E
Coordinate (UTM):
North 4 2 1 5 3 0 0 m
East 0 4 8 0 7 0 0 m
Zone

DEVELOPMENT: Besides the 300ft main shaft there appears to be 800± feet of workings at the 300ft level and numerous drill holes. There are likely more workings than have been described.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The main shaft is just south of the Halifax fault, collared in predominately flow rock of the Mizpah Formation which is also the wall rock at the 300 level. Calumet and Helca reported mineralized quartz veins in drill holes at 230 to 260 m but that ore has not been mined. In 1951-54 Homestake and Summa drove a crosscut north from the shaft at the 300 level and encountered high-grade gold-silver mineralization with appreciable amounts of pyrrargyrite and argentite. Later a winze was sunk to the 550 level with poor results, but the exploration did block out 15,000-20,000 tons of ore averaging 30 oz/ton silver and 0.3oz/ton gold. Small amounts of this ore were produced in 1958-1961. For a detailed history of ownership, mining activity etc the reader should review pages 117-123 in Bull 92, Nevada Bureau of Mines, by Bonham and Garside. Sample 3129 was a composite sample of the dump and consisted of quartz vein material pyrite, and some silver sulfides. Sample 3182 was from a selected pile of high-grade ore and included ruby silver and probable pyrrargyrite, argentite. The mineralization at the mine was associated with a complex of quartz-sericite-adularia alteration.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 4-18-86