

4280 0017

PROPERTY NAME: Tyler Shaft and Mazuma Hills MineOTHER NAMES: Tyler-KindergartenMINERAL COMMODITY(IES): Gold/SilverTYPE OF DEPOSIT: EpithermalACCESSIBILITY: Good unimproved roadsOWNERSHIP: Seven Troughs Mining CompanyPRODUCTION: 155,000 oz's of gold production reportedHISTORY: The camp operated almost continuously from 1905 until 1962.County: Pershing <sup>218</sup> Jan 17Mining District: Seven TroughsAMS Sheet: LovelockQuad Sheet: Seven Troughs 7 1/2Sec. 13, T 30N, R 28E

Coordinate (UTM):

North 4481019.0 mEast 034868.5 mZone 11DEVELOPMENT: Eighteen levels in 800 vertical feet that was connected at depth to the 8000 foot "Deep Tunnel"..only the very large dumps remain.ACTIVITY AT TIME OF EXAMINATION: Minor activity at the Mazuma Hills Mine and recon around the district.

GEOLOGY: The ore deposits are reported to have been in a network of veins and veinlets along fissures and paralleling dikes within the rhyolite. The veins trended in a northerly direction but were crossed by faults and stingers. The veins commonly contained crushed quartz and breccia along with free-gold alloyed with silver. The rich ore was visible as clusters of small particles or as coarse gold.

The Tyler shaft was sunk in altered rhyolite that was intruded by andesite which is commonly greenish-red with phenocryst of plagioclase. They are typically scoriaceous at the outcrop. Sample 2816 was collected from the huge dumps on the southside of the canyon next to the Tyler Shaft...the sample was mostly a quartz-rhyolite-breccia with mineralization within the matrix consisting of silver(?) sulfides and possible gold.

Sample 2817 was from across the drainage to the north, from the Mazuma Mine dumps and consisted of sulfide rich rhyolite breccia.

Another shaft further from down the canyon was sampled from the dumps. The material was a vuggy breccia with calcite and sulfides. The shaft was immediately below and outcrop of younger volcanics that bear N70E and 45°SE. Sample 2818.

Sample 2816, 2817 & 2818.

Photo 22 and 23

REMARKS:

REFERENCES:

EXAMINER: Jack QuadeDATE VISITED: 9-6-84