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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TONTO LEAD GROUP

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 621

LOCATION: TOWNSHIP 7 N RANGE 9 E SECTION 7 QUARTER NW
LATITUDE: N 33DEG 57MIN 55SEC LONGITUDE: W 111DEG 28MIN 17SEC
TOPO MAP NAME: RENO PASS - 7.5 MIN

CURRENT STATUS: RAW PROSPECT

COMMODITY:

LEAD
GOLD LODE

BIBLIOGRAPHY:

ADMMR TONTO LEAD GROUP FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine TONTO LEAD GROUP Date June 10, 1959

District Sunflower District, Maricopa County Engineer LEWIS A. SMITH

Subject: Reported by L. B. Gaskill

Owner: L.B.Gaskill, 2553 W. Catalina Drive, Phoenix

Property: 5 unpatented claims

Location: NW cor Sec 7 (approx) &. 7 N., R. 9 E.

Work: 2 Adits (a) 300' long (W side ridge) (b) 150' long (E side ridge)

Geology: The 150 foot tunnel penetrated a shear vein in hornblende (?) schist which has a trend of N40°E. The shear vein is generally parallel to the general structure, but crosses the schistosity at a slight angle. Here the mineralized area ranges from a few inches up to 4 feet but appears to be in a series of swells and pinches like beans in a pod. The ore material averages about 7-8% of lead with some gold, silver, and zinc. Gaskill estimated that at current prices the ore would be worth approximately \$15-20 per ton. However, he believes it would present a difficult problem of economics because of the ^{small} lenticular character of the ore bodies.

The 300 foot tunnel penetrated a strong quartz vein which showed very little in values.

Since both adits are west of the great jasper dike, no quicksilver was encountered. It is generally believed that the Sunflower quicksilver mineralization does not cross this dike, but tends to concentrate against it on the east. This, if true, would indicate that the quicksilver-gold mineralization originated east of the dike and that the dike damned the solutions, even though some is said to exist in the dike where it is fractured.

This mine lies nearly against the west side of the jasper dike. Gaskill stated that lesser jasper dikes lie west of the main dike but since prospecting is very limited near them, it is not possible to determine what effect they might have had in controlling any mineralization west of the main dike.