



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ERIE PROPERTY

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 399

LOCATION: TOWNSHIP 8 N RANGE 11 E SECTION 11 QUARTER N2
LATITUDE: N 34DEG 03MIN 18SEC LONGITUDE: W 111DEG 12MIN 05SEC
TOPO MAP NAME: SHEEP BASIN MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
COPPER
SILVER
MICA

BIBLIOGRAPHY:

USGS SHEEP BASIN MTN QUAD
ADMMR ERIE MINE FILE
PAYSON GOLD DISTRICT ADMMR CORRES FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Erie Mine - 7 mi. E of Tonto Basin

Date February 3, 1960

District Green Valley Dist.

Engineer Lewis A. Smith

Subject:

Buck Newberry, Jake's Corner, who with Tom Russell of Tonto Basin, owns the Grand Prize Mine, said he had done this year's work.

He said that the lead has been traced for a long distance on the surface, but had only been developed by a 60 foot vertical shaft which crossed through the vein into waste. A sample taken in the ore zone ran \$3.00 in gold, 2-3 oz. silver and 9% copper in oxides. The silver was determined as cerargyrite by one examining engineer. The rellicit sulphide is chalcopyrite. The specimens of capping he had, showed good chalcopyrite indications and strong pyrite. He plans to crosscut from the shaft to intercept the vein. Some small near surface workings had residuals of high grade ore, but these areas were small and lenticular. The gangue is quartz and the main copper minerals are malachite and azurite.

He said he would like to get someone who would put down a drill hole to see what might be deeper.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Erie Mine

Date 6-3-58

District Green Valley Dist. *Green Valley*

Engineer Lewis A. Smith(recorder)

Subject: Reported by Tom Russell

Owners: Tom Russell, Jakes Corner, Globe-Payson Rt.
Buck Newberry, " " " " "

Claims: 2 claims, end to end (unpatented) work done.

Work: One 90 foot shaft on the main vein (15 foot drift & 20 foot x-cut)
Several tunnels up to 60' in length.

Metals: Gold, copper, silver and quicksilver.

Geology: The vein lies in a strong fracture, or shear zone, which dips 70° south and the ore shoot rakes SW. The general strike of the zone is about NE-SW. The country rock is mostly composed of schist cut by diorite dikes which in turn contain floaters of schist. The zone has been cut by a rhyolite porphyry dike. The property straddles the portion of the shear at about 1½ miles north of Sheep Mountain. The vein ranges up to 20 feet wide with a gangue of quartz. The minerals include tetrahedrite, metacinnabarite, gold and silver. Kidneys and lenses of relatively high grade ore are found. A 50 pound sample of the shaft (90') dump assayed \$76.00 in gold, silver and copper. Local concentrations of metacinnabarite ran up to 5% of Hg per ton. However, Russell felt that these assays represented ultimates rather than averages. The copper is contained in azurite and tetrahedrite. He also stated that no chalcocite or primary copper minerals other than tetrahedrite were evident.

Russell did not believe that the work done so far could be considered to have proven anything definite.