



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: MARY ANN MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 706

LOCATION: TOWNSHIP 17 S RANGE 10 E SECTION 27 QUARTER SW
LATITUDE: N 31DEG 55MIN 15SEC LONGITUDE: W 111DEG 17MIN 27SEC
TOPO MAP NAME: PALO ALTO RANCH - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

LEAD
COPPER

BIBLIOGRAPHY:

ADMMR FILE DATA 1952
ADMMR MARY ANN MINE FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Mary Ann Mine Date Nov. 6, 1951 & Sept. 18, 1952.
(Unable to find out old name for this mine)
District Papago (Sierrita) Mining Dist., Pima Co. Engineer Axel L. Johnson
Subject: Mine Report ---- Personal Inspection.

Location Sec. 26 -- T 17 S -- R 10 E.

This property is located 40 miles south-west of Tucson, on the west side of the Sierrita Mts. Go out on the Sells Highway for 24 miles to Three Points (Robles Ranch), then go south for 9 miles on the Sasabe Highway to the King's Ranch Road, then go 7 miles east to the foothills of the Sierrita Mts. The road into the property needs slight repairs for the last 7 miles.

Number of Claims 12 unpatented claims.

Owners The above property is owned by George Breidler and his mother. Address is c/o Chas. B. Russell, 218 N. 4th Ave., Tucson, Ariz.

Principal Minerals Lead and Copper

Men Employed No men are employed. Mr. Breidler is working on the property himself, doing exploration work.

Production Rate No production.

Marketing and Milling Facilities There are no milling facilities at present. The lead and copper ore is all of low grade and will require a mill for treating same. Water for the mill would also have to be developed.

Ore Values No samples and assays have been made on the ore deposits. However, it is quite evident from observation, that the copper and lead ores are definitely too low grade for direct shipping, and would have to be milled.

Geology and Mineralization

(1) On #3 and #4 Claims. The ore is in the form of narrow stringers of galena found in white limestone rock. This white limestone rock covers the entire hill, but the stringers of galena are apparently confined to a limited area on the side of the hill. As shown by the open cuts and trenches, which parallel the side of the hill, an area of deposition 200 ft. long by about 150 ft. wide could reasonably be expected, and further exploration may extend this area. As shown by the trenches and open cuts, the stringers of galena begin to appear at only a foot or two below the surface of the limestone rock. The stringers are not uniformly distributed throughout the limestone rock, however, but there are areas of good showing, and also areas, which are almost barren. As the trenches and open cuts are only down to a depth of 6 ft. maximum, it can not be determined as yet, whether there will be any increase of the ore values with depth.

(2) On #8 Claim. On this claim, a narrow vein of very low grade copper ore was found a couple of feet below the surface of the ground. The vein, containing copper carbonates and oxides, and a mixture of other vein material, is about 2 ft. in width and has been opened up only for a length of about 12 ft., and has a maximum depth of 4 ft. The country rock is gray schist.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

page 2.

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(Unable to find out old name for this mine)
District Papago (Sierrita) Mining Dist., Pima Co.

Date Nov. 6, 1951 & Sept. 18, 1952.

Engineer Axel L. Johnson

Subject: Mine Report ---- Personal Inspection.

Present Operations Exploration work is conducted by Mr. Breidler on the lead showings on the #3 and #4 claims. The work done by Mr. Breidler is surface trenching and open cutting using hand steel. He has one trench 120 ft. long, by 3 ft. wide and 3 ft. deep ---- one trench 60 ft. long by 6 ft. wide and 5 ft. deep, and one trench or open cut about 40 ft. long by 6 ft. wide by 6 ft. deep. All the trenches and open cuts show small stringers of galena ore in the white limestone rock in varying degrees of concentration. All is definitely milling grade ore, however.

Old Workings Old workings consist of one vertical shaft--- 300 ft. deep filled with water; and one vertical shaft--- 250 ft. deep also filled with water.

Proposed Plans The owners wish to sell or lease this mining property, as they do not have the finances to operate it themselves.

General Remarks

(1) Regarding #3 and #4 Claims. As described under "Geology", the ore is in the form of narrow stringers of galena in white limestone rock. It is possible that this might turn out to be a fairly large deposit of low grade milling ore, containing enough tonnage to warrant the construction of a mill, and the mining and milling of the ore at a profit. This would depend on the extent, depth and grade of the deposit, as determined by further exploration work. The present surface trenches should be extended in length to determine the lateral extent of the deposit. Also new trenches and cuts should be opened up both above and below the present ones. The depth and the grade of the deposit should then be determined by a few diamond drill holes.

(2) Regarding #8 Claim. As described under "Geology", this vein is very narrow and is also low in grade. It is definitely too low grade for direct shipping. Additional exploration in this area could be done by means of making cuts with a bulldozer in the hopes that a wider and richer vein might be uncovered.



STATE OF ARIZONA
DEPARTMENT OF MINES AND MINERAL RESOURCES

Mineral Building, Fairgrounds, Phoenix, Arizona 85007 • (602) 255-3791

MARY ANN MINE

PIMA COUNTY
PAPAGO DIST.
T17S, R10E, Sec 26

MLS: MARY ANN MINE