



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: HILL TOP MINE

ALTERNATE NAMES:

SANTA CRUZ COUNTY MILS NUMBER: 50B

LOCATION: TOWNSHIP 22 S RANGE 15 E SECTION 10 QUARTER SW
LATITUDE: N 31DEG 32MIN 02SEC LONGITUDE: W 110DEG 48MIN 18SEC
TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MANGANESE
IRON
COPPER

BIBLIOGRAPHY:
ADMMR HILL TOP MINE FILE
(SILICEOUS MANGANESE ORES)

HILLTOP MINE

SANTA CRUZ COUNTY

Visited the Old Hilltop mine - Sec. 8, T23S, R11E - no one was working.
GWI WR 3-5-66

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Hilltop Mine Date April 2, 1958
District Tyndall District - Santa Cruz County Engineer Axel L. Johnson
Subject: Present Status. Information from Rupert Beyerle

References: Report of Feb. 13, 1958

Present Status: Mine closed down about 2 weeks ago (Mar. 17). Operators unable to operate at a profit on account of the narrow vein and the low grade of the ore.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Hilltop Mine

Date Feb. 13, 1958

District Tyndall District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Rupert Beyerle, Jr., & Personal visit.

Location Starting from Patagonia, drive about 3 miles SW on the Patagonia-Nogales road. Turn right (NW) and ford Sonoita Creek, and drive about 1 mile on the Salero road. Turn right (east) and drive 0.3 miles to the mine.

Number of Claims 2 unpat. claims. Claims located on Dec. 15, 1957 by Rupert Beyerle, Jr.

Owner Rupert Beyerle, Jr., River Store, Nogales, Ariz.

Operator Same as above.

Principal Minerals Manganese ore.

Present Mining Activity Mining manganese ore, both from a vertical shaft and from an open cut. Production has been averaging about 66 tons per week. 9 men working.

Geology & Mineralization Country rock appears to be rhyolite. Manganese ore occurs in a vein about 3 ft. wide, narrowing down in places to about 1 ft. Vein appears to be along a fault. Vein almost vertical, and strikes SE - NW.

Ore Values Shipments to date has been averaging about 25 % manganese. Ore also contains 26 % silica, a considerable amount of iron and a little copper. Ore is very light for manganese ore, and resembles to some extent Wad.

Ore in Sight & Probable Very little ore in sight, ~~xxxxxxx~~ as the vein does not appear to extend any great distance longitudinally.

Milling & Marketing Facilities Ore is sold to the Mohave Mining & Milling Co., Wickenburg. This company pays \$ 18.00 per ton for 25 % ore, and \$ 2.00 per ton additional for each per cent above 25 ---- up to 30 %. 30 % ore is paid for at \$ 30.00 per ton. Mr. Beyerle pays the freight from Patagonia to Wickenburg. The freight rate is \$ 5.00 per ton, at present, but he has been promised a reduction in this rate.

Past History & Production This property was worked briefly about 4 years ago (1953) by Bob Hathaway. Mr. Hathaway sank the present vertical shaft down to a depth of 18', and shipped one carload of ore to the Deming government manganese depot. The ore was rejected as not acceptable because it contained ~~xxxxxxx~~ an excess of copper. Claims were dropped by Mr. Henshaw, and relocated by Mr. Beyerle on Dec. 15, 1957.

Mine Workings (1) 1 vertical shaft ---- 40 ft. deep (extension of old 18 ft. shaft).
(2) 1 drift along vein at bottom of shaft ---- 40 ft. long.
(3) 1 open cut on the vein --- 20 ft. long x 15 ft. deep x 6 ft. wide.

Present Mining Operations At present time, 2 men are stoping ore from the drift at the bottom of the vertical shaft, and 3 men are stoping ore from the open cut, using a car loader. 4 additional men are used for trucking, repair work, and miscell. Since starting operations, the old 18 ft. shaft was timbered, and extended to its present 40 ft. depth, a 1/2 mile road was built, and 40 ft. of drifting has been done along the vein. 5 carloads of ore has now been shipped to the Mohave Mining & Milling Co., Wickenburg, about 220 long tons.

Remarks Operation appears to be marginal.