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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.