



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: COPPER PLATE MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 279

LOCATION: TOWNSHIP 19 S RANGE 18 E SECTION 24 QUARTER C
LATITUDE: N 31DEG 46MIN 04SEC LONGITUDE: W 110DEG 27MIN 44SEC
TOPO MAP NAME: APACHE PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILICON DIOXIDE
COPPER
SILVER

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, 1974, P. 145
ADMMR COPPER PLATE MINE FILE

08/15/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: COPPER PLATE NOS 1 AND 2

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 862

LOCATION: TOWNSHIP 19 S RANGE 18 E SECTION 23 QUARTER SW
LATITUDE: N 31DEG 45MIN 00SEC LONGITUDE: W 110DEG 30MIN 00SEC
TOPO MAP NAME: APACHE PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER

BIBLIOGRAPHY:

AZBM FILE DATA CIRCA 1973
ADMMR COPPER PLATE FILE

COPPER PLATE MINE

PIMA COUNTY

Grover F. Miller, President and Director, claims are owned by Henrietta E. Miller, P.O. Box 764, Las Vegas, Nevada.

Several claims in southern Whetstones - SW $\frac{1}{4}$ Sec. 23, T19S, R18E.

Two of these claims the Copper Plate No's. 1 & 2 are most interesting. In the past have shipped approximately 7000 tons to Douglas that ran 1.6% Copper. 1 oz. Ag & 80% silica. 5 to 8 foot lenses striking N 40 to 60 W and dipping in either sandstone, red shale or siltstone. Probably typical sandstone copper, without great reserves, however might be of interest to someone interested in flux. GWI WR 11-29-65

Field interview with Ben Billingsley of Duncan - He has staked Copper Plate Mine. Nearest location SW corner Benson quadrangle - see Johnson report. GWI WR 10-1-67

Copper Plate Mine. (No sign of activity). Staked 2/2/72 by Billingsley. GWI WR 5/4/72

Telephone call from Mr. Ben Billingsley of Duncan regarding the Copper Plate mine in southeastern Pima county. Mr. Billingsley staked this property after the previous owner apparently had not done the assessment work and this Department was only trying to ascertain the status of the property. GWI WR 10/6/72

The Whetstone Mountain area mining was apparently limited to assessment work at the Copper Plate mine and the Lone Star. GWI AR 73-74

mailed 3/1/67 to Kenneth Olson
reply 3 /67

OLSON COPPER PROSPECT

FILED

MAR 16 1967

YUMA COUNTY
SANTA MARIA OR
OWENS-SIGNAL DISTRICT

T 1011 R 13W

Conference with Kenneth Olson, 631 Hill Street, Superior, Arizona. *4.17*

Property: 1 unpatented claim.

Location: Near Alamo Crossing on the Bill Williams River.

Owner: Kenneth Olson, 631 Hill Street, Superior, Arizona.

Work: Mainly bulldozer cutting to expose a copper oxide bearing area, 30 ft. wide and 15 feet high, but no length has been determined. The ore is light weight and could be saturated tuff. It assays, generally around \$5.00 in gold to the ton, 2.75% Copper and 86% Silica.

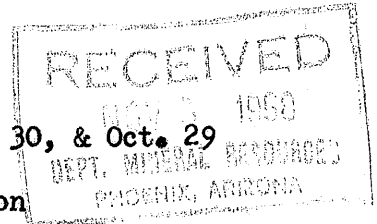
The principal minerals seem to be chrysocolla, azurite, and malachite. The host rock seems to be severely altered.

MEMO LAS 2/23/67

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT



Mine Copper Plate Mine ✓

Date Sept. 25, Sept. 30, & Oct. 29

District Whetstone District, Pima Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report, Information from Mrs. Henrietta E. Miller, & Personal Visit.

Location 13 miles NE of Sonoita. Drive 10 miles east of Sonoita on Highway # 82. Turn left (north) and drive about 3 miles to the mine.

Owners ✓International Mines, Box 764, Las Vegas, Nev.
✓Mrs. Henrietta E. Miller, Mgr., 6708 E. Cooper St., Tucson --- Tel. AX 8-1406

Operators Same as above

Principal Minerals Siliceous copper ore. Oxidized ore, principally malachite.

Present Mining Activity None. Visited property on Oct. 29, and found it idle, with all the mining equipment removed. Reported by operators to have closed down shortly after Oct. 1.

Geology Ore found as oxidized copper in a rather porous sandstone bed about 2 1/2 ft. wide, with a flat dip to the south and west. A bed of quartzite underlays this bed, there being very little ore in the quartzite. Ore is fairly low grade, perhaps 2 or 3 %.

Milling & Marketing Facilities When mine operated, the ore was shipped to Phelps Dodge at Douglas, as flux ore. The hauling was done by Stong & Harris, Patagonia, Ariz.

Mine Workings Open cut, with the mineralized sandstone bed exposed on the south side of the pit.

Previous Mining Operations Mine started operating last July. Strong & Harris reported on Sept. 25 the following ore shipments to Douglas: Aug. 23 to Sept. 5 ---- 16 carloads of ore; & Sept. 5 to Sept. 25 ---- 4 carloads of ore. Mrs. Miller reported on Sept. 30 ore production at one carload per day. Mining operations were open pit, by means of a bull dozer and carloader, employing 8 men.

Remarks On account of the narrow bed containing the ore values, and the fact that a good deal of stripping would be necessary to continue open pit operations, following this narrow bed down to the south and west, I would judge that continuation of mining operations would prove unprofitable. However, a number of drill holes put down either vertical or at right angles to the bedding planes, might disclose similar beds in depth, which might be thicker with equally good or better ore values. This might, possibly, show up enough tonnage of merchandable grade to warrant stripping and continuance of mining operations.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Copper Plate Mine

Date April 15, 1960

District Whetstone District, Pima County

Engineer Axel L. Johnson

Subject: Present Status. Personal Visit

References Report of Sept. 25, Sept. 30, Oct. 29, 1958.

Present Status On a visit to the property on April 15, 1960, field engineer found the property idle. Since the last visit to the property on Oct. 29, 1958, some stripping of the surface overburden had been accomplished, using a bulldozer. This work had been dropped without completing any substantial amounts of stripping. Have not been informed as to who did this work.

4 COPPER PLATE MINE

PIMA COUNTY
WHETSTONE DIST.

Visited Copper Plate Mine, 10 miles east of Sonoita. Found mine now idle, but some surface stripping had been done with a bulldozer sometime ago, but not completed, and operations dropped.

ALJohnson - WR - 4-16-60
