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PRINTED: 07-09-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CHISM

ALTERNATE NAMES:

PALMER MINE NO. 1 & 2 MS 4796
BUCKHORN-BOULDER PROPERTY

PINAL COUNTY MILS NUMBER: 39

LOCATION: TOWNSHIP 1 N RANGE 9 E SECTION 7 QUARTER NW
LATITUDE: N 33DEG 26MIN 53SEC LONGITUDE: W 111DEG 28MIN 09SEC
TOPO MAP NAME: GOLDFIELD - 7.5 MIN

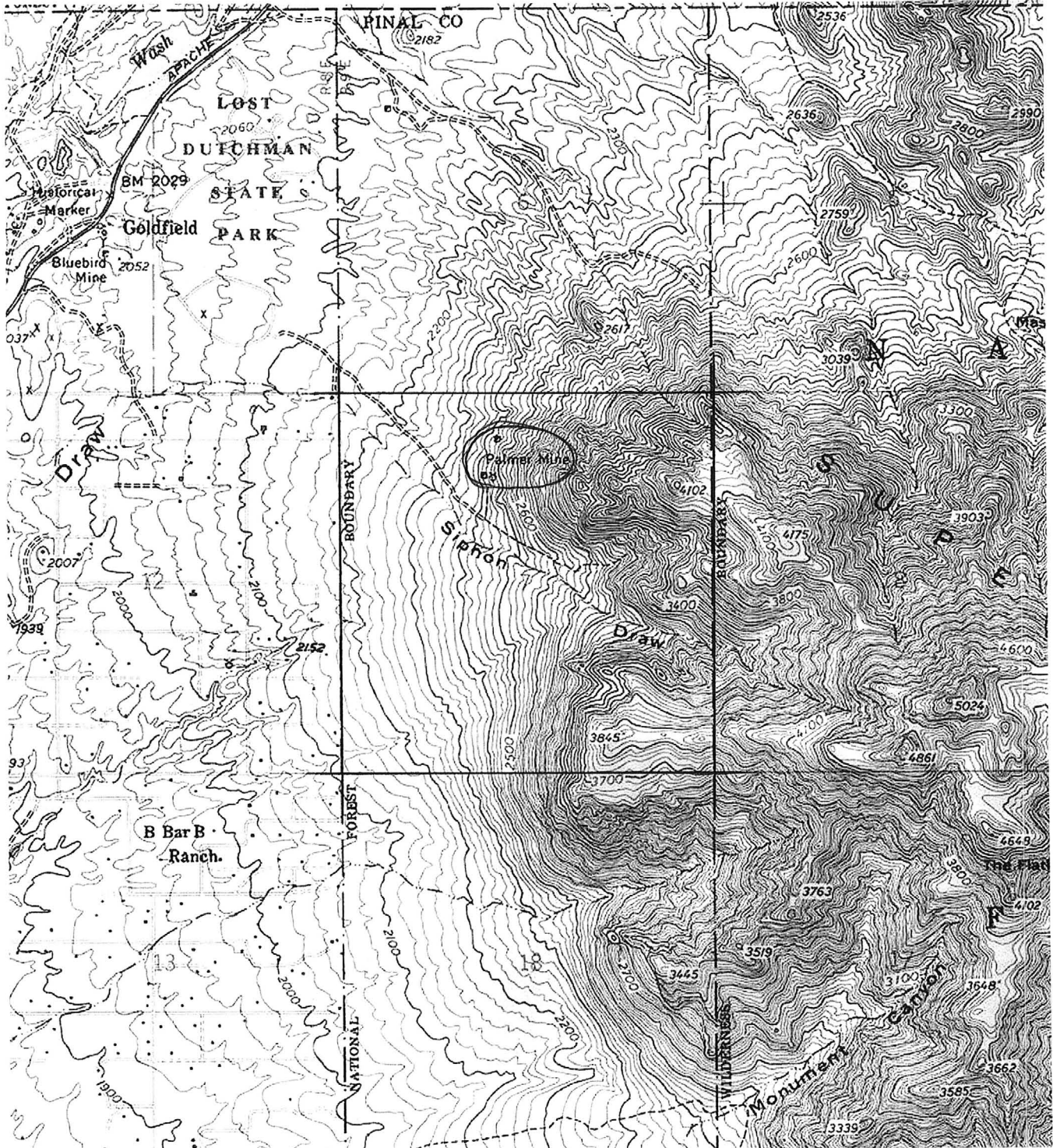
CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER

BIBLIOGRAPHY:

BLM MINING DISTRICT SHEET 123
ADMMR SUPERSTITION SAGA MINING CO.
ADMMR CHISM CLAIMS FILE
ADMMR U FILE PINAL AU 3
USBM MLA 136-82, JINKS, J., "MIN INVEST OF
SUPERSTN WLDNS & CONT. RARE II FRTHR PLNG
AREAS GILA,MARICOPA,PINAL, CO" P 3,5,22,PL



N 33 26' 53" W 111 28' 09"

Chism (AKA Palmer) Mine

CHISM CLAIMS

Maricopa County
Goldfield Dist.
T1N, R9E Sec. 7

Also Called: Palmer Mine (Robert Player Report of 10/30/67)

MILS #39
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See also Superstition Saga (file) Pinal County MILS says they are connected.

See: Geology file: Jinks, Jimmie E., Mineral Investigation of the
Superstition Wilderness and Contiguous Rare II Further Planning
Areas, Gila, Maricopa, and Pinal Counties, Arizona. PP 3, 5, 21, 22,
& Plate 1


GHISM CLAIMS

The Ghism brothers, employees of State Highway Department, have been doing general prospecting in the area near the north end of the front of the Superstitions. They have found many copper showings and want someone to help appraise the significance of what they have found. The specimens they had were principally seams of chrysocolla. They say they now have control of the old Palmer mine.

CHISM CLAIMS

MARICOPA & PINAL CO'S.

Dean Chism, owner, Palmer Mine, Sec. 7, T1N, R9E near Government Wells, Apache Junction was in with ore he said was high-grade - assayed 42 oz. silver, 32% copper. Assayed by Valley Assay Office - Tempe. GBG WR 12-27-68



PAY DIRT for DECEMBER 22, 1967

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA FIELD ENGINEERS REPORT

Mine CHISM BROTHERS PROSPECTS

Date September 30, 1967

District GOLDFIELD DISTRICT - MARICOPA & PINAL CO.

Engineer Robt. F. Playter

Subject: VISIT TO PROSPECTS

The Chism brothers, Deanel and Wallace, live at the State Highway Maintenance Station, District 1, at Government Well, about 8 miles northeast of Apache Junction, on State Highway 88. They have done some prospecting in the vicinity near their home.

They first took me about a mile north of the Highway Maintenance Camp along the old highway to a canyon in which the rock is a dark gray, medium grained basic rock, andesitic to basaltic. There appears to be a belt of this material about a quarter mile wide which appears to underlie the Superstition dacite that is the dominant rock in the general area. This andesitic rock is not shown on the Geologic Map of Maricopa County, but the Pinal County Map shows "Tertiary andesite" just across the county line, probably less than five miles away.

The Chisms had a spectographic analysis of this andesitic rock and it showed a rather high content of aluminum and magnesium. I had to disillusion them by telling them that although the spectographic analysis may have been quite accurate, the aluminum and magnesium cannot be extracted economically.

They then took me up a canyon about a mile south of the Highway Department Camp and showed me about six places where they had found narrow seams of chrysocolla, with a little malachite, in minute fractures in the andesite. None of the seams persisted more than three or four feet, either on strike or dip. Again I had to inform them that I do not believe the showings are indicative of an economic ore deposit.

We then went back to Goldfield and followed an extremely rough jeep road about $1\frac{1}{2}$ miles southeast of Goldfield to the old Palmer Mine, shown on the Goldfield Quadrangle U.S.G.S. Topographic Map in Section 7, T. 1 N., R. 9 E., Pinal County. An old shaft is located about a hundred yards below the base of the cliff that forms the northwesterly point of the main southwestern front of the Superstition Range. The depth of the shaft is unknown, but it must have reached water level, for at some time a windmill was erected over the shaft. Part of the tower remains.

At the collar of the shaft a strong fracture, probably a fault, striking about N 30 E and dipping vertically, can be seen. It has about 18 inches of quartz with some green copper staining. The east wall of the fault appears to be the Superstition dacite, but the west wall appears to be a breccia, or perhaps an agglomerate, for it contains angular fragments up to 3 inches in size. On the dump a few fragments of quartz carrying pyrite were found, indicating that the shaft extended below the zone of oxidation.

The Chisms do not know the depth of the shaft, whether or not there was any driving from the shaft, nor whether there was any production.

Some 500 feet northeast of the shaft is a small cut on a fracture carrying chrysocolla, a little malachite and azurite, and specular hematite. The Chisms have been told that a little chrysocolla of gem quality was found in that pit in recent years.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Deanel Chism and Wallace Chism
Address: Route 2, Box 2760, Apache Junction, Arizona
2. Mine: _____ 3. No. of Claims - Patented _____
Unpatented 16
4. Location: Near Gov't. Well - On Hwy. 88, 8 Mi. NE of Apache Junction.
5. Sec 19 & 30 Tp 2 N Range 9 E 6. Mining District Goldfield (?)
7. Owner: Deanel Chism and Wallace Chism
8. Address: Route 2, Box 2760, Apache Junction, Ariz.
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Copper 14. No. Employed: _____
15. Mill, Type & Capacity: None
16. Present Operations: (a) Down (b) Assessment work (c) Exploration
(d) Production (e) Rate _____ tpd.
17. New Work Planned: _____

18. Misc. Notes: They have found six to eight places scattered over several acres
in which tiny seams of chrysocolla, with very little malachite, occur.
None persists more than 3-4 feet in either strike or dip. These occur in
a dark gray basic lava, andesitic to basaltic in character, and all in rubbly
material characteristic of flow tops. I cannot believe they are indicative
of anything that might be of economic importance.

Date: Sept. 30, 1967

Robt. F. Playter
(Signature) Robt. F. Playter (Field Engineer)