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Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CEDAR TREE

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 645

LOCATION: TOWNSHIP 14 N RANGE 2 E SECTION 18 QUARTER NE
LATITUDE: N 34DEG 35MIN 55SEC LONGITUDE: W 112DEG 11MIN 13SEC
TOPO MAP NAME: HUMBOLDT - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
COPPER OXIDE
SILVER
GOLD

BIBLIOGRAPHY:
USGS HUMBOLDT QUAD
ADMMR CEDAR TREE FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Cedar Tree

District Black Hills

Subject: Yavapai County

Date January 17, 1977

Engineer Ken A. Phillips

Location: NW $\frac{1}{4}$ Sec. 18, T14N., R2E., See copy of portion of Mingus Mountain Quadrangle.

Owner: Harry B. Washburn, P.O. Box 71, Sun Valley, Arizona, 86029. Phoenix area winter telephone is 272-1591.

Claims: Single lode mining claim running E15°N, W15°S almost perpendicular to the trend of the mineralized zone.

Geology: The property is located on the southwestern slope of Mingus Mountain on a contact between precambrian granite (?) and schist. Locally the schist includes considerable phyllite, sericite and chlorite. Mineralization at this and other occurrences in the area occurs as fissure fillings in schist and phyllite.

Deposit: The mineralized zone consists of one or more fissure veins which strike approximately 15° west and dip 5°-10° east. They appear to swell and shrink through a zone as wide as 100 feet. The vein has been exposed at two locations by early workings at the discovery point and a prospect pit about 400 feet south.

Additional leached outcrops were discovered approximately 500 feet to the north of the workings on the same strike during the field visits. These outcrops contain fluffy limonite possibly derived from pyrite in quartz and coarse and fine cellular boxwork the further interpretation of which will require additional investigation.

Minerals of possible significance observed are: 1. at the north outcrops; azurite, malachite, limonite and quartz. 2. at the discovery point, shaft and workings; azurite, malachite, chalcocite, limonite, quartz, linarite(?) and tetrahedrite(?), and 3. at the south prospect; pit quartz, pyrite, chalcopyrite, bornite(?), chalcocite, limonite, azurite, malachite and chrysocolla.

Developments: The claim is a relocation of a previous location. The early workings which may date back as far as the late 1800's are located at the present claim's discovery point. These consist of a caved shaft within 15 feet of the access road and a caved inclined shaft some 50-75 feet further west. Small dumps indicate perhaps a total of as much as 200 feet of workings. Production if any was very limited. The dumps contain primarily vein material.

KAP, Engineers Report
January 17, 1977
Page 2,

Samples &

Recommendations: Mr. Washburn reported he has taken a single selected high-grade sample which assayed +184.00 in combined silver, gold and copper with silver apparently accounting for the majority of the value.

Prior to sampling the property should be geologically mapped and an effort made to determine the surface extent of the vein and its possible relationship with occurrences at other prospects and workings in the area.

(Prescott)

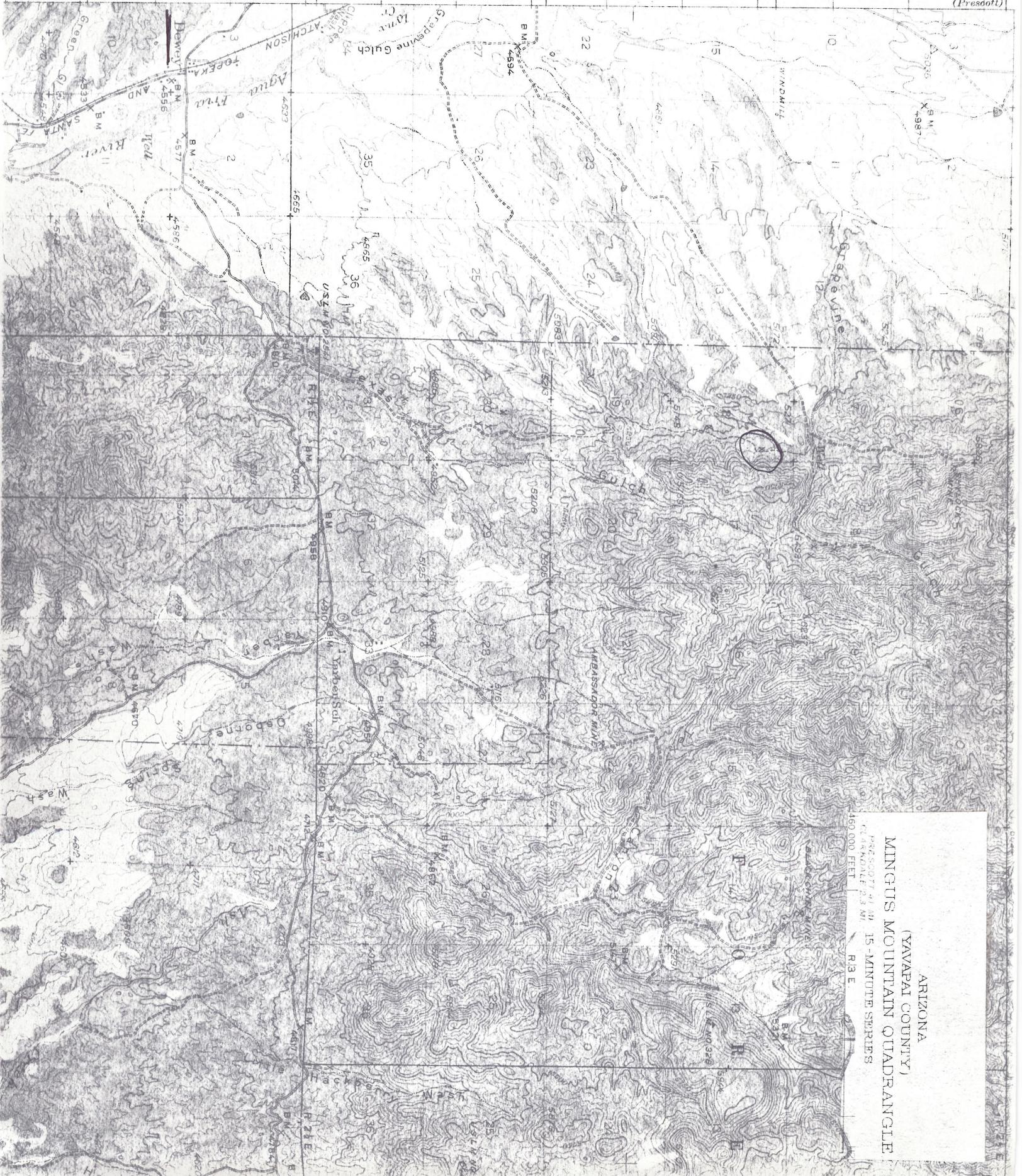
T.14 N

35

T.13 N

PRESCOTT 14 MI
14 MI TO U.S. 29

1:50,000
FEET



ARIZONA
 (YAVAPAI COUNTY)
MINGUS MOUNTAIN QUADRANGLE
 15-MINUTE SERIES
 PRESCOTT 14 MI
 14 MI TO U.S. 29
 1:50,000 FEET
 R.13 E

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

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District Black Hills
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Engineer Ken A. Phillips

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ap.