



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

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 01/15/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: COBBLERS KNOB

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 773

LOCATION: TOWNSHIP 2 N RANGE 2 W SECTION 18 QUARTER W2
LATITUDE: N 33DEG 30MIN 50SEC LONGITUDE: W 112DEG 30MIN 38SEC
TOPO MAP NAME: WHITE TANK MTS SE - 7.5 MIN

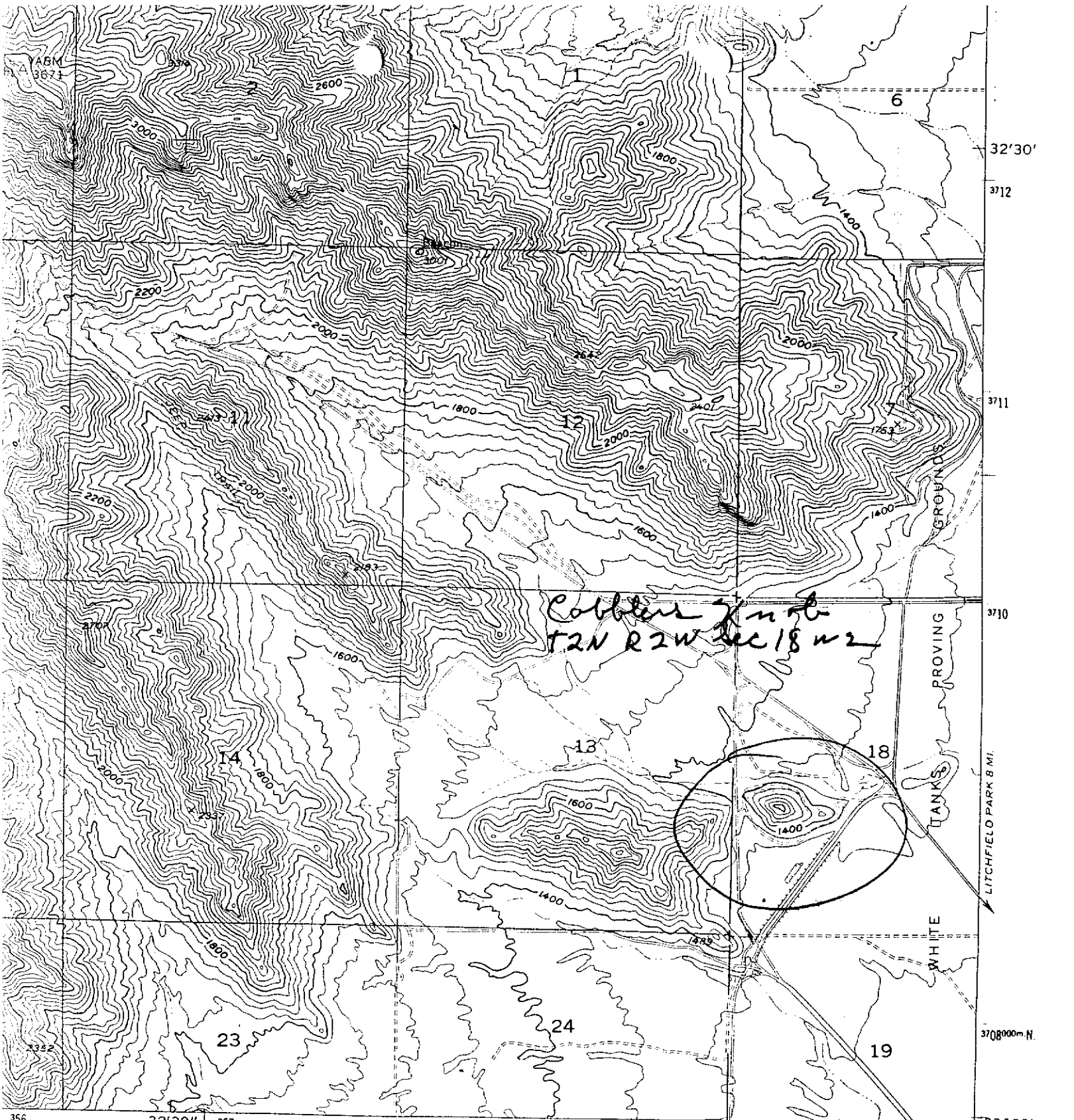
CURRENT STATUS: EXP PROSPECT

COMMODITY:

CESIUM
THORIUM
COLUMBIUM
URANIUM
RARE EARTHS
FELDSPAR
MICA

BIBLIOGRAPHY:

ADMMR COBBLERS KNOB FILE
KELLOGG, JOHN, "CATERPILLAR TRACTOR CO EX-
CHANGE" #40416, WHITE TANK MTS. GEO FILE



*Cobbles zone
T2N R2W Sec 18 n2*

● ● INTERIOR GEOLOGICAL SURVEY
WASHINGTON, D. C. - 1972

1 MILE

7000 FEET

METER



ROAD CLASSIFICATION

Light-duty ———— Unimproved dirt

15-C
MA
WHITE TANK MTS. SE, ARIZ.
SE/4 WHITE TANK MTS. 15' QUADRANGLE
N3330—W11230/7.5

COBBLERS KNOB

MARICOPA COUNTY

NJN WR 12/5/86: Phillip Hooker (c) visited for identification of some euxenite samples which he collected from a hill which he calls Cobblers Knob, located at T2N R2W Sec 8 SW. This location is on the Caterpillar Proving Grounds in the southeast corner of the White Tank Mountains, Maricopa County. The euxenite is from pegmatites and was associated with altered feldspars, gray quartz and muscovite books. He has over 50 lb of the euxenite stockpiled, some of which he hopes to sell as euhedral mineral specimens, the rest he hopes to sell to a rare earth processor. The specimens were highly radioactive and are probably the source of the radioactivity mentioned in John Kellogg's report on the Caterpillar Tractor Exchange #40416 (copy in geology file). This is a new MILS occurrence. Cesium, thorium, columbium, uranium, rare earth (Yttrium), feldspar and mica occur there. The previous elements were identified by State Mineralogist, Bob O'Haire. This pegmatite was located during excavation of the hill as part of the testing of Caterpillar equipment. Associated books of mica with 6" X 8" plates 2" thick were reported there. Several specimens were donated to the Mineral Museum.

NJN WR 12/19/86: Bob O'Haire (c) State Mineralogist, called and confirmed that samples from Cobbler's Knob (file) Maricopa County, were indeed euxenite and contained yttrium, cesium, thorium, columbium, calcium and uranium cations.



STATE OF ARIZONA
DEPARTMENT OF MINES AND MINERAL RESOURCES

February 3, 1987

G. Phillip Hooker
1561 North Freeman
Mesa, Arizona 85201

Dear Mr. Hooker:

On behalf of the Board of Governors of the Department of Mines and Mineral Resources, I want to thank you very much for your December 3, 1986 donation to the Arizona Mineral Museum.

The specimens have been entered into the Arizona Mineral Museum's permanent collection and assigned the following numbers:

MM-M857	Mica var muscovite	1560 gram
MM-M858	Granite pegmatite	1036 gram
MM-M859	Granite pegmatite	153 gram
MM-M860	Pegmatite	49 gram
MM-M861	Biotite schist	655 gram
MM-M862	Pegmatite	346.5 gram
MM-M863	Euxenite	133.5 gram
MM-M864	Pegmatite	2245 gram
MM-M865	Pegmatite	1046 gram
MM-M866	Pegmatite	137 gram
MM-M867	Pegmatite	232 gram

All of us are grateful for your contribution. The State and its citizens have been enriched by your thoughtfulness.

Very truly yours,

John H. Jett
Director

JHJ:at