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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TREASURE TRAIL GROUP

ALTERNATE NAMES:  
GREAT EASTERN  
HUNTER  
MURPHY

PIMA COUNTY MILS NUMBER: 599

LOCATION: TOWNSHIP 18 S RANGE 15 E SECTION 22 QUARTER NW  
LATITUDE: N 31DEG 51MIN 44SEC LONGITUDE: W 110DEG 46MIN 03SEC  
TOPO MAP NAME: SAHUARITA - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:  
COPPER OXIDE  
COPPER SULFIDE  
SILVER

BIBLIOGRAPHY:  
ADMMR TREASURE TRAIL FILE

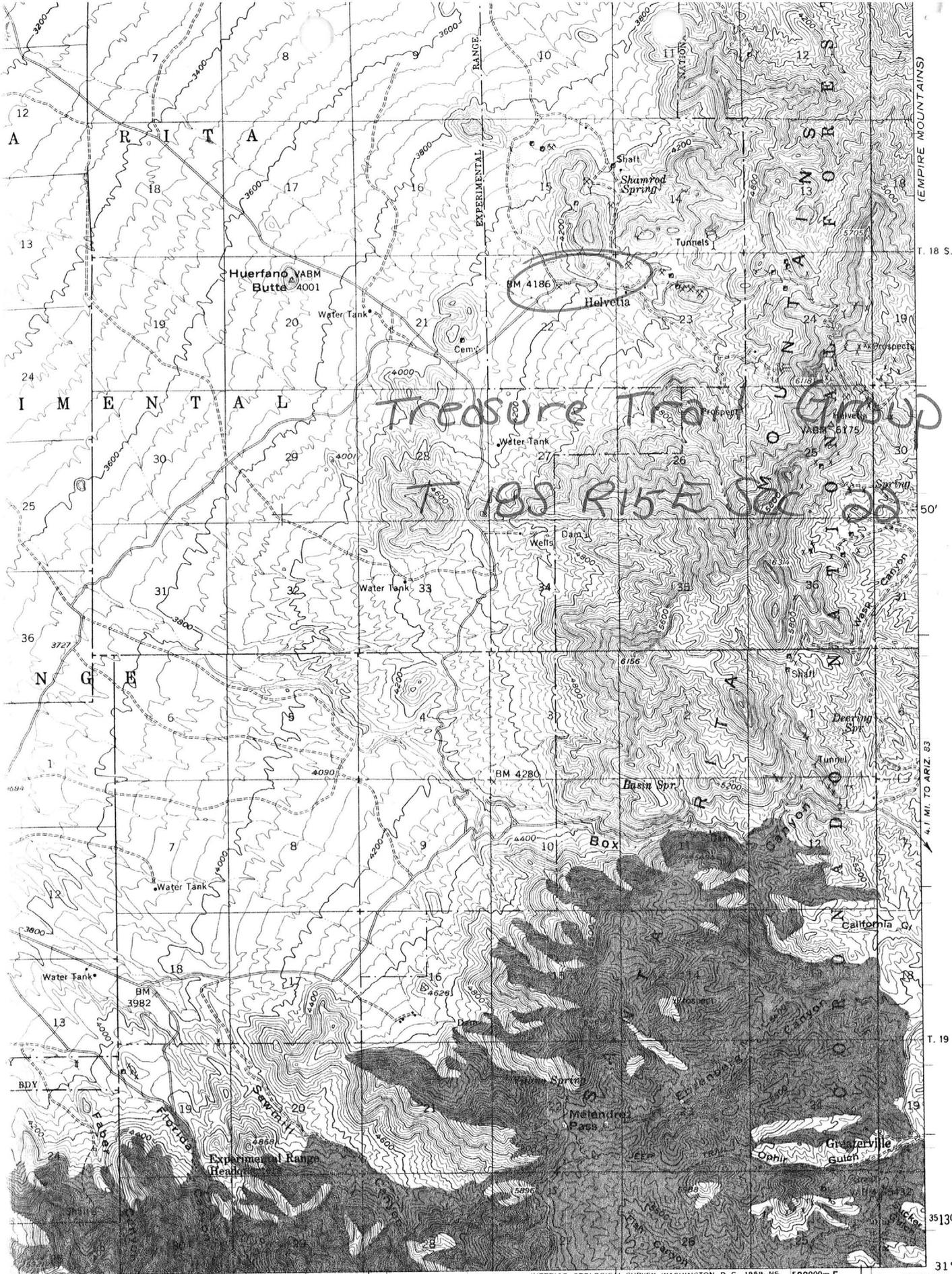
TREASURE TRAIL GROUP

PIMA COUNTY  
HELVETIA DISTRICT  
T18S R15E Sec.22

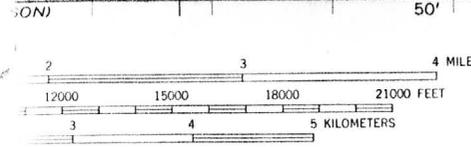
MILS Pima County Index #599

AKA: Great Eastern, Hunter, Murphy

Sahuarita 15' Topo (included in file)



Treasure Troop Group  
 T 188 R 15 E SEC 02



Sahuarita 15'

ROAD CLASSIFICATION  
 Heavy-duty ——— Light-duty ———  
 Medium-duty - - - - - Unimproved dirt .....

U. S. Route State Route



INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1959-N6 522000m.E. 110°45'

3513000m.N.

T. 19 S.

T. 18 S.

4.1 MI. TO ARIZ. 83

0 FEET  
 LEVEL

(E.L.G.N.)

TREASURE TRAIL GROUP  
HELVETIA DISTRICT  
PIMA COUNTY, ARIZONA

The "Treasure Trail" group of 31 claims lies in the foothills of the Santa Rita mountains, in the eastern part of the Helvetia Mining District, forty miles southeast of Tucson and twelve miles south of the Southern Pacific Railroad. The property adjoins on the south that of the Rosemont Copper Company. Mr. C. L. Jones, Box 762, Bisbee, controls the claims, which were brought to the attention of the Calumet & Arizona Mining Company by Louis Moore.

These claims extend from a high limestone hill northeast for about two miles. In the limestone, on the "Sweet Bye and Bye" claim, there are irregular seams of carbonate ore. Considerable ore has been mined from irregular workings in the limestone. There do not seem to be large orebodies.

North of the limestone, most of the property is covered with surface wash and gravel. The outcrops of solid material show rhyolite and andesite lava, generally amygdaloidal. In a zone several hundred feet wide, extending the length of the group from northeast to southwest, the lava is thoroughly crushed and iron-stained. Shallow cuts and tunnels show leached, iron-stained, lava, with occasional stains and bunches of copper carbonates. There are a few narrow veins carrying copper carbonate, with some gold and silver.

Several of the tunnels and small shafts reach the sulphide zone. Here the lava is extremely hard, with pyrite filling the amygdaloidal cavities. Sometimes there is a little chalcocopyrite and bornite in the cavities and on seams. While good assays could be obtained from picked samples, the material as a whole is very low grade.

Two samples of the best carbonate-stained material assayed:

1. "Great Eastern" claim, west side of 10 ft. hole. 0.01 oz. Au; 0.36 oz. Ag; 2.1% Cu.
2. "Hunter" claim, stained material in arroyo. 0.01 oz. Au; 1.28 oz. Ag; 1.9% Cu.

A characteristic sample of sulphide, from the dump of the "Murphy" 40 ft. shaft, assayed 0.01 oz. Au; 0.40 oz. Ag; 0.10% Cu.

While this is a very unusual and interesting occurrence, I do not believe there is copper enough in the lava to form commercial ore.

IRA B. JORALEMON

Warren, Arizona  
April 6, 1912

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PIMA COUNTY, ARIZONA

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