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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WHITE MOUNTAIN

ALTERNATE NAMES:
STOUT GROUP

MARICOPA COUNTY MILS NUMBER: 43

LOCATION: TOWNSHIP 1 N RANGE 10 W SECTION 9 QUARTER NW
LATITUDE: N 33DEG 27MIN 05SEC LONGITUDE: W 113DEG 17MIN 41SEC
TOPO MAP NAME: EAGLETAIL MTS - 15 MIN

CURRENT STATUS: RAW PROSPECT

COMMODITY:
COPPER

BIBLIOGRAPHY:
ADMMR WHITE MOUNTAIN MINE FILE
ADDITIONAL CLAIM IN SEC 4,5,8-T1N-R10W

WHITE MOUNTAIN CLAIMS

YUMA COUNTY
EAGLE TAIL MOUNTAINS

Interview with Don Stout 10/25/65

Stout brought in an assay report on a general sample across the claims and this assayed 1.012 percent copper. (Run by Polaris Laboratories, Inc., Chas. L. Milligan, assayer). So far equipment (cat) has not been available from the area nearby, but should be soon. It is planned to build an access road to the property and to make a few drill sites for location work.

LAS MEMO 10/25/65

1110 exp. r. section
mailed 9-13-65
No REPLY

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine ¹ White Mountain Claims (Stout Group) Date August 17, 1965

District Eagle Tail Mountains District, Maricopa Co. Engineer Lewis A. Smith

Subject: Interview with C.D. Stout

Property: 6 White Mountain lode claims (unpatented) recorded in July 1965. Location work will begin shortly.

Location: 1 claim in SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 5, T. 1 N., R. 10 W.
2 claims in SW $\frac{1}{4}$ of Sec. 4, " "
2 claims in NW $\frac{1}{4}$ of Sec. 9, " "
1 claim in NE $\frac{1}{2}$ of NE $\frac{1}{4}$, Sec. 8, " "

Owners: C.D. Stout and Mrs. Jeanne Y. Stout, 1930 W. Amelia Ave., Phoenix
(P.O. Box 286 and Phone 279-7991)

Access: The claims are $1\frac{1}{2}$ miles due south of the gas pipe line road that diagonally crosses the W center line of Sec. 32, T. 2 N. and R. 10 W. or west from Court Mountain and the end of a $\frac{1}{2}$ mile spur road from the gas pipe line road. Either road could easily be roughed in with a dozer. This is to be done shortly. At least $1\frac{1}{2}$ miles on either proposed road is now bare trail, although both routes would be nearly level.

Geology: The Eagle Tail Mountains, according to the Arizona Bureau of Mines Geological maps, mainly consist of four principal rock bands that trend NW-SE, N 45-50 degrees W, in the south 14-15 miles, and N 65-70 degrees W, in NW 2-4 miles. The principal feature, forming the range core, is a big dike of rhyolitic to andesitic composition that generally is about $\frac{1}{2}$ to $5/8$ mile wide. NE of this dike and in the NW $2/3$ of the ridge, the dike is bordered on the east by a Kofa volcanics band that is roughly $3/4$ mile wide and which extends only to the Yuma-Maricopa line. In the Maricopa $1/3$ of the range, the dike is bordered on the NE by gneiss, sporadically capped by schist floaters. The gneiss extends out for $2-3\frac{1}{2}$ miles, from the dike, as three main irregular finger-like projections into the alluvium. The northmost of the gneiss projections is known as Granite Mountain which extends 3 to $3\frac{1}{2}$ miles northeast of the Eagle Tail Mountains crest line. Near the east end of this finger, according to Stout, a semi-circular stocklike mass of a fine grained intrusive rock projects up through the gneiss and this is said to be 900 by 1400 feet, the long axis being NE-SW in trend. The rock specimen showed strongly altered material that appears to have no rock-constitution quartz. The gneiss specimen is fine grained also, but contains distorted quartz grains. Introduced quartz is present in both rocks as blebs and veinlets. The rock is reported to carry $1/8$ to $1/2$ percent in copper and some gold and silver. The claims blanket this stocklike body. The finger at the stock center, is nearly 400 feet higher than the valley floor on the N and S sides of the finger. To the south the gneiss is locally capped by basalt (and possibly some andesite).

The Eagle Tail Mountains dike is bordered on the westside throughout its length by a band of andesitic flows, breccias, and tuffs, that is $1\frac{1}{2}-2\frac{1}{2}$ miles wide and at least 16 miles in length. The andesitic flows are bordered by quaternary basalt that is $2\frac{1}{2}-3\frac{1}{2}$ miles wide, and at least 14 miles long. The basalt crops out of the aluvium as sporadic islands for several miles farther west and north.

- Plans: (1) First the access road will be roughed in;
(2) Then possibly two flat diamond drill holes will be drilled from both the N & S sides of the stock.

