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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: LITTLE SAM

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 588

LOCATION: TOWNSHIP 6 N RANGE 2 W SECTION 17 QUARTER SW
LATITUDE: N 33DEG 51MIN 31SEC LONGITUDE: W 112DEG 29MIN 36SEC
TOPO MAP NAME: HIEROGLYPHIC MTS SW - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
GOLD LODE

BIBLIOGRAPHY:
ADMMR LITTLE SAM FILE
GOLD MINED FOR SPECIMEN SAMPLES

LITTLE SAM #1 MARICOPA

I met Cliff Freeman and Bob Judd at the Mineral Museum and rode with them to their two mining claims in the SW¼Sec. 17, T6N, R2W. The property is reached by turning north on a trail between milepost 8 and 9 on State Reute 74 east from Morristown. They have a very small, narrow highgrade pocket of gold ore. I suggested they expose the pocket and mine only that highgrade portion for specimen material.
VBD WR 3/11/75

PAY DIRT for April 28, 1975

GW WR 8/15/74 - Went to Clifford Freeman's Au placer operation 17 miles east of Morristown on one of Art Cousins claims, probably in Sec. 9, 7N, 2W. Here Mr. Freeman has rigged a "chipmunk" crusher and the smallest ball mill I ever saw on the rear-end of a jeep. Below the ball mill he has about 4 feet of sluice box floored with a carpet; he hauls water from Morristown. The material he is passing through the equipment consists of weathered hematitic andesite. When asked to pan some of it he dug a sample from the bank and passed it through a common screen wire thereby making about a pound of sample which he panned and recovered 10 or 12 colors easily counted with the naked eye. It was suggested he build a much longer sluice using a rug with longer nap.

SUMMARY REPORT OF MINERAL EXAMINATION

State Ariz. County Maricopa Mineral Products gold-copper

Name of property or deposit Little Sam #1

Date examined 3/11/75 Engineer K.B. Dale Date of this report 3/17/75

Reason for examination Requested by owner

Engineer accompanied by Cliff Freeman & Bob Judd Address Unknown - tele 992-373

Extent of property One unpatented lode claim

Owner Cliff Freeman Address Unknown tele 992-373

Leased or optioned to No one Address

Location of property (be specific) SW/4, Section 17, T.6N. R.2W.; ± 1.5 miles N. from State 74 - at milepost 8-9.

Type of deposit and mineralogy (brief description) Small quartz vein in Yavapai schist. One very small, high grade lense carries native gold in chrysacolla and hematite.

Known dimensions of the deposit Length ± 50' Width 2"-6" Depth 5'

Attitude of the deposit (strike, dip, etc.) S. 75° E. ± 80° NW

Possible extensions; correlation of known showings There are both quartz veins and quartz segregations in the area but no other significant mineralization could be found.

Mine workings (brief description or attach map or sketch) (indicate whether accessable) One shallow-cut 20-25 feet long, about 2 feet wide and about 5 feet deep.

(over)

Mining and milling equipment on property: a small jaw crusher and a very small Edison mill mounted on a utility jeep; 3,000 gal. water tank on 1½ Ton truck; Small, home-made concentrating table

Past production (if any): Approx. 250 lbs. Concentrates.

Present rate of production (if any): None

Sampling (describe briefly, or attach sketch): I mortared and panned several samples to find one high grade lense.

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable ..... tons ..... Grade .....

Indicated 0.5 tons Gold Specimens Grade .....

Inferred ..... tons ..... Grade .....

Mining method (actual or suggested): Resuing

Milling or processing method (actual or suggested): Sell as specimen minerals.

Processing tests suggested: Nothing.

Tentative conclusion and decision: other small pockets of high grade ores may exist in the area but discovery will cost as much as can be realized from mining.

To be accompanied by brief letter giving examining engineer's general impression of th deposit, his impression of the owner, and any other confidential information he may car to submit. Refer to any known prior examinations and reports. May be executed in pencil Should be mailed within 24 hours after examination is completed.