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08/14/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: CASHIER-SURPRISE-GALENA GROUP

ALTERNATE NAMES:

NEW GUNSITE
SHEEHAN CLAIMS

PIMA COUNTY MILS NUMBER: 155

LOCATION: TOWNSHIP 14 S RANGE 4 W SECTION 16 QUARTER SE
LATITUDE: N 32DEG 12MIN 12SEC LONGITUDE: W 112DEG 40MIN 57SEC
TOPO MAP NAME: MT AJO - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE
LEAD
SILVER

BIBLIOGRAPHY:

KEITH, S.B., AZBM BULL. 189, P. 123, 1974
ADMMR CASHIER-SURPRISE-GALENA GROUP FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Sheehan Claims (~~Cashier~~ Surprise-Balena)
Groups
Date June 5, 1962
District Gunsight Hills, Pima County
Engineer Lewis A. Smith
Subject: Interview with Vance Bacon, of Dynamics Research, 6-5-62

Vance recently visited the 18 unpatented claims, and stated that he agreed with me that much of the granitic area was composed of quartz monzonite porphyry with areas of granite and aplite. One ~~ore~~^{area}, 1½ miles southeast of the Gunsight mine, showed favorable limonitic, or hematitic, gossan over considerable surface extent. This he believes would be worth drilling. The remainder contains basic, or intermediate, dark colored and fine grained dikes which appear to be variably mineralized. This checks with observations made by me in the area south of these claims. However, to the south, the monzonite was apparently mineralized only to a limited extent out from the dike border. Here the black dikes appeared, upon superficial observation, to resemble the andesite porphyry dikes found on the Copper Mountain property a few miles to the southwest. Bacon was not too impressed with some of the other surface showings on the Sheehan Claims.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Cashier-Surprise-Galena Groups Date May 3, 1962
District Gunsight Hills Dist., Pima County Engineer Lewis A. Smith
Subject: Interview with L. J. Sheehan, 4-30-62

Property: 18 unpatented claims:

- 6 Cashier claims adjoin the Gunsight Mine to the east.
- 6 Surprise adjoin the Cashier Claims on the south.
- 6 Galena claims are southwest of the Surprise group but have one claim contiguous with the westmost Surprise claim.

Location: Approximately Sec's. 15-16, 21-22 T14S R1W

Owners: L. J. Sheehan, 2008 ~~W.~~ Missouri Ave., Phoenix
I. M. Sheehan, " " " "
C. B. Sheehan, " " " "
Telephone CR 7-2669

Work: So far only location work has been done.

Geology: The area covered by the claims mainly consists of a coarse granite rock, exposed in a series of low hills, in a spotty manner, the individual occurrences being separated by alluvium. Immediately north of the area, the granitic rock is capped by andesitic flows. Occasional narrow, dark-colored dikes cut the granite. South of the roughly crescent shaped granitic band, (long axis trends E-W) the Little Ajo Mountain volcanic series (andesites, tuffs, rhyolite and basalt) is encountered. The granitic exposures cover an area which is 4-5 miles wide and at least 12 miles long. Some of the granitic rock appears to be quartz monzonite. Some fractures were seen, but their importance was not determined. However, further west a series of step faults have dropped the volcanics many hundreds of feet. Some of the faults on the claims generally trend N or NE, but definite trends could not be established without much more mapping. Some indications of copper and lead-silver mineralization was seen.