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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MAGGIE

ALTERNATE NAMES:

MOHAVE COUNTY MILS NUMBER: 402B

LOCATION: TOWNSHIP 12 N RANGE 13 W SECTION 31 QUARTER N2
LATITUDE: N 34DEG 20MIN 46SEC LONGITUDE: W 113DEG 38MIN 30SEC
TOPO MAP NAME: ARTILLERY PEAK - 15 MIN

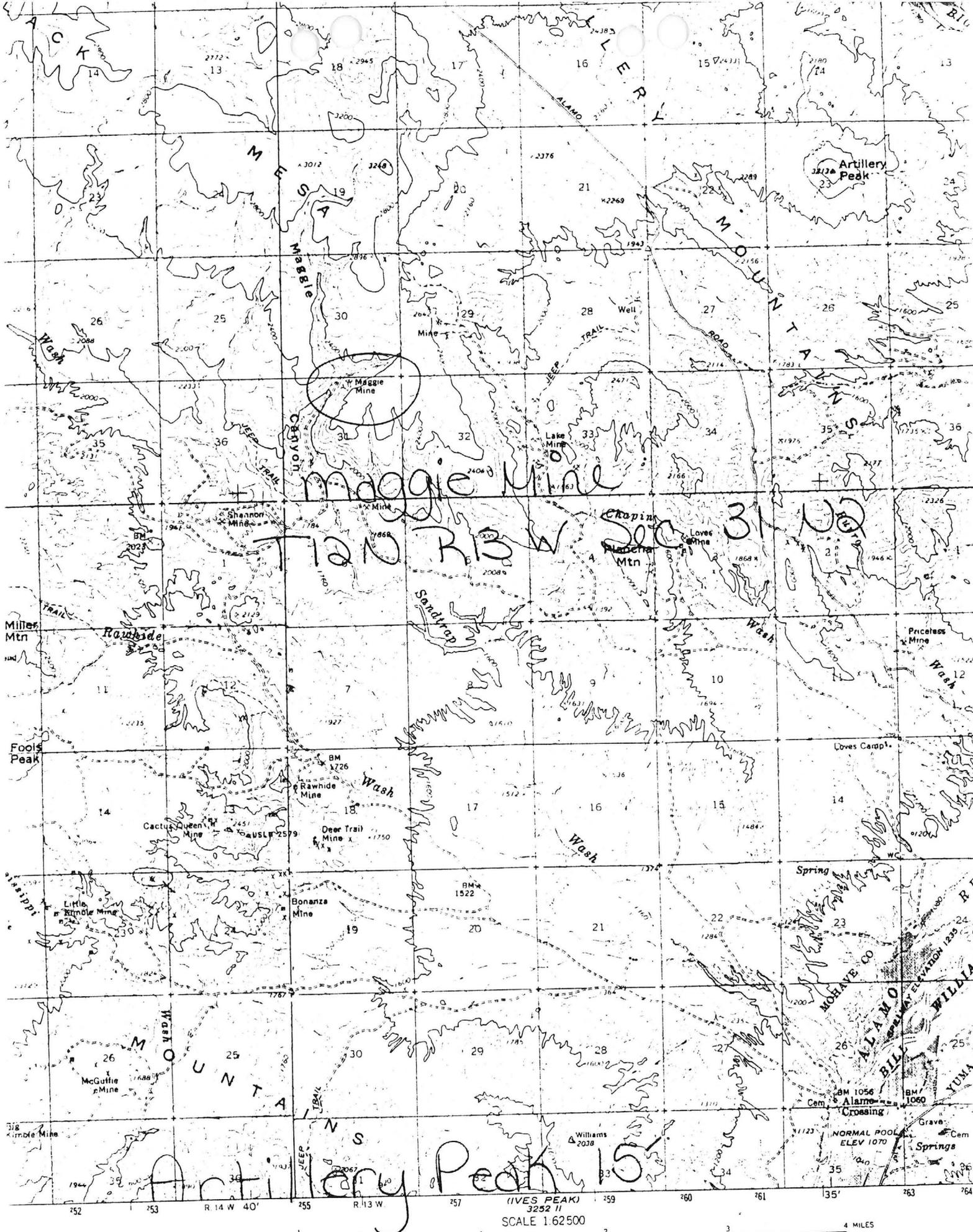
CURRENT STATUS: PAST PRODUCER

COMMODITY:

MANGANESE OXIDE
CALCIUM CALCITE

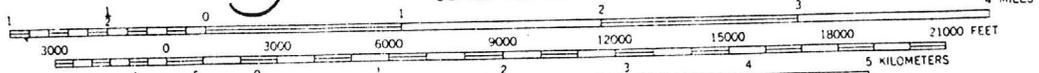
BIBLIOGRAPHY:

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RI 5508; RI 5330; RI 5375; RI 4148



(LIVES PEAK)
3252 II

SCALE 1:62500



CONTOUR INTERVAL 80 FEET

from: W.H. Crutchfield Jr. Mohave County Prospect Assessment Compilation (post 1982)

Name of Mine or Prospect: Maggie Canyon Region.	Township 12N	Range 13W	Section 30	Priority B
Principal Minerals: Analcine	1:250,000 Quad Prescott		7.5' - 15' Quad Artillery Peak	
Associated Minerals:	District Artillery Mtns.		Principal Product Zeolite	
Type of Operation: Zeolite Occurrence	County Mohave	State Ar.	Type of Deposit Sedimentary Host	

Ownership or Controlling Interest:
Consult current USBLM mining claim records

Access: From Brown's Crossing, proceed north on Alamo Road for 1 mile. Turn left and proceed on unimproved road for 7.5 miles to Maggie Canyon.

Structural Control or Geological Association:
"Analcine in Sandstone (Pliocene)."¹

Age of Mineralization: Pliocene

Production History	Geochemical Analyses

References

- 1) Elevatorski (1979) p. 45.

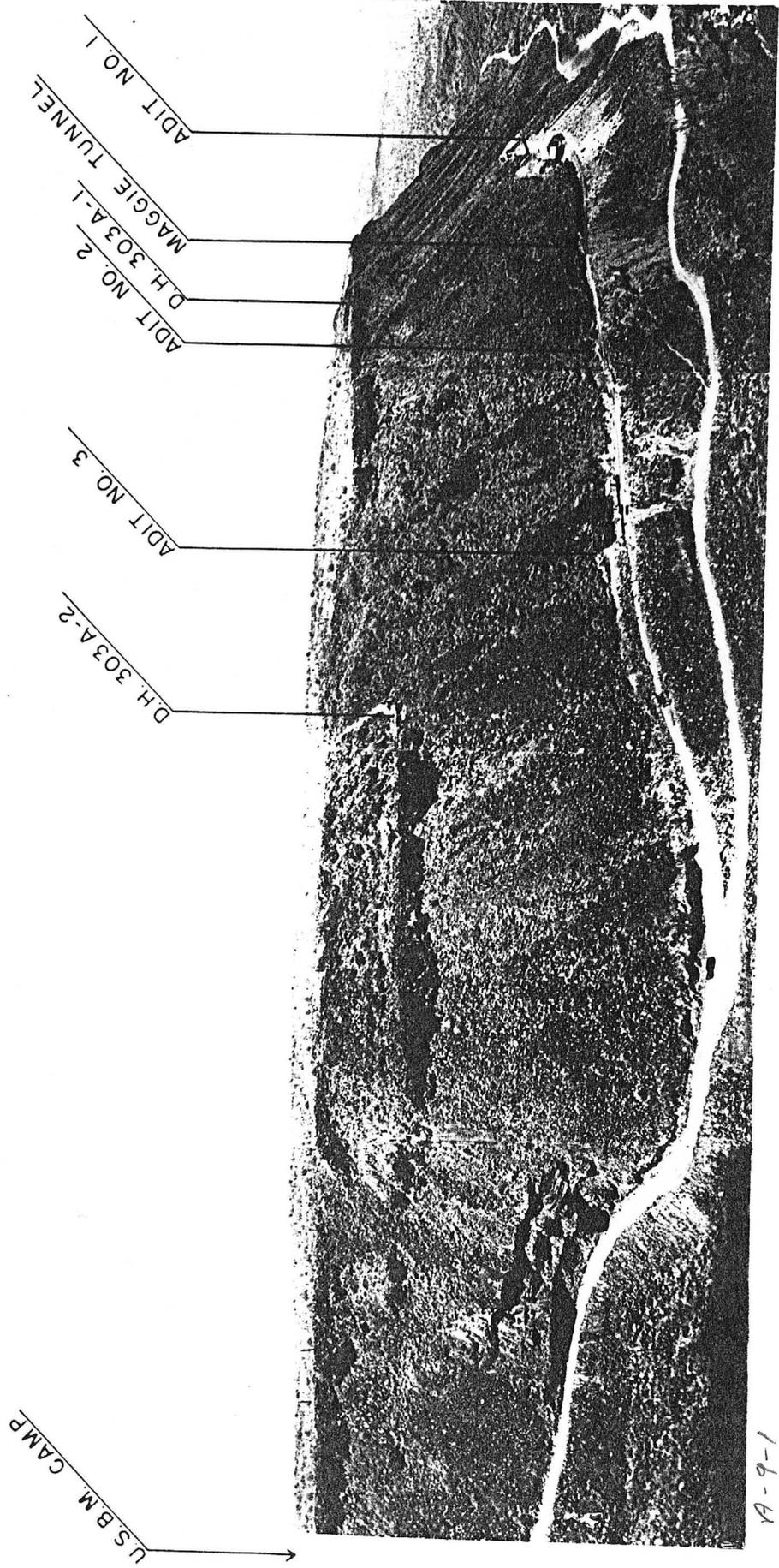


FIGURE 3.-ARTILLERY PEAK PROJECT IN MAGGIE CANYON.

1987, there has been a moratorium on issuing new mineral leases and renewing existing ones. The uncertainty regarding the future royalty rate has been the cause of consternation for the mining industry, as well as the Department, but there is optimism that the situation will soon be resolved.

Oil and gas rental income has dropped markedly during the past 5 years as a result of the industry slump. If oil or gas were ever discovered on State land, the Trust would receive a minimum of 12 1/2 percent of the market value of the oil or gas produced.

Mineral-material royalties have grown steadily during the past 5 years. Resources in this category include sand, gravel, rock, building stone, riprap, cinders, decomposed granite, topsoil, and any other mineral material used in the construction industry. After the Land Department receives an application to purchase mineral materials, it conducts an appraisal and the material is sold at public auction to the highest bidder. Revenue is guaranteed on each lease be-

cause the company must pay an annual minimum royalty. Rentals from mineral-material operations greatly increased in 1987-88 when the department began basing the rental figure on a percentage of land value. Total revenue from the sale of mineral materials during the past 5 years is only slightly less than that received from mineral-lease royalties.

Total revenues from subsurface leasing for the current fiscal year are expected to surpass those received in 1987-88. The continuing high price of copper has allowed several companies to increase production. This is excellent news for the industry, as well as the beneficiaries of the State Trust.



NEW AZGS PUBLICATION

The following publication may be purchased from the Arizona Geological Survey (AZGS), 845 N. Park Ave., #100, Tucson, AZ 85719. For price information on this and other publications, contact the AZGS office at (602) 882-4795.

Welty, J.W., and Schnabel, Lorraine, 1989, Bibliography for metallic mineral districts in Gila, Maricopa, Pinal, and Yavapai Counties, Arizona: Open-File Report 89-1, 123 p.

This report is the fourth in a series of county bibliographies for metallic mineral districts in Arizona. The others, Circulars 24, 25, and 26, were published by the AZGS in 1986. Nearly 1,600 citations are included in this compilation. The report has been open-filed to permit timely access to the public. After editing and printing, it will be released as a circular.

AZGS Accepts BOM Diamond- Drill Core

In early March 1989, the Arizona Geological Survey accepted a donation of nearly 32,000 feet of diamond-drill core from the U.S. Bureau of Mines (BOM). The core comes from 13 separate properties across the State (Table 1). The core was shipped from the BOM Twin Cities Research Center, where it had been stored, by the Minnesota Air Guard to Davis-Monthan Air Force Base in Tucson and then trucked to the Mission Unit of ASARCO Inc., where it remains in temporary storage. We thank members of the Minnesota Air Guard; Davis-Monthan personnel; Robert Willard, BOM Twin Cities Research Center; Michael Greeley, BOM State mineral specialist; and James Litchenthon, mine superintendent at the Mission Unit; for their generosity in enabling the AZGS to accept and store this drill core. Information about the geologic setting and logs for each drill hole can be found in the references listed in Table 1. For localities with no listed references, no published information is available. Please call our office (602-882-4795) to make an appointment if you wish to examine any of this core.

Table 1. Listing of BOM diamond-drill core localities.

Mineral District	Mine Name	Commodity Sought	Total Footage ¹	Number of Holes	Reference ²
Ajo	Copper Giant	Cu	1,400	2	Romslo and Robinson (1952)
Apache Iron	Apache Iron	Fe	1,200	15	Stewart (1947)
Artillery Peak	Maggie Canyon	Mn	3,700	69	Kumke and others (1957)
Big Bug	Iron King	Cu	600	4	n.a.
Christmas	Christmas	Cu	3,700	7	Tainter (1948)
Cochise	Keystone	Cu, Zn	10,800	18	Romslo (1949)
Helvetia	King in Exile	Cu	100	1	n.a.
Hualapai	Antler	Cu, Zn	2,100	6	Romslo (1948)
Lakeshore	Lakeshore	Cu	200	1	Romslo (1950)
Pima	Esperanza	Cu	1,450	3	Tainter (1947)
Tiger	Crown King	Cu	1,400	3	n.a.
Wallapai	Cerbat	Pb, Zn	2,800	8	n.a.
Wallapai	Civitation	Cu	3,400	6	n.a.

¹ Total footage is rounded off to the nearest 100 feet drilled.

² "n.a." indicates that no references are available for this core.

References

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- Tainter, S.L., 1947, Amargosa (Esperanza) molybdenum-copper property, Pima County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4016, 15 p.
- _____, 1948, Christmas copper deposit, Gila County, Arizona: U.S. Bureau of Mines Report of Investigations RI 4293, 58 p.

NAME:

MAGGIE (B)

COUNTY: MOHAVE

T 12 N

R 13 W

SEC. 31

E 1200

DISTRICT: ARTILLERY PEAK

Artillery Peak 15'

Mineralization: Mn

Geology:

Type Operation:

Production:

References:

(maps)
USGS 961 ABM 127 P. 74 I.C. 7843 p. 44

27 pat.

2 unpat.

Mohave County Card File