



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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PRINTED: 04/17/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEEDLE EYE

ALTERNATE NAMES:
NEEYE

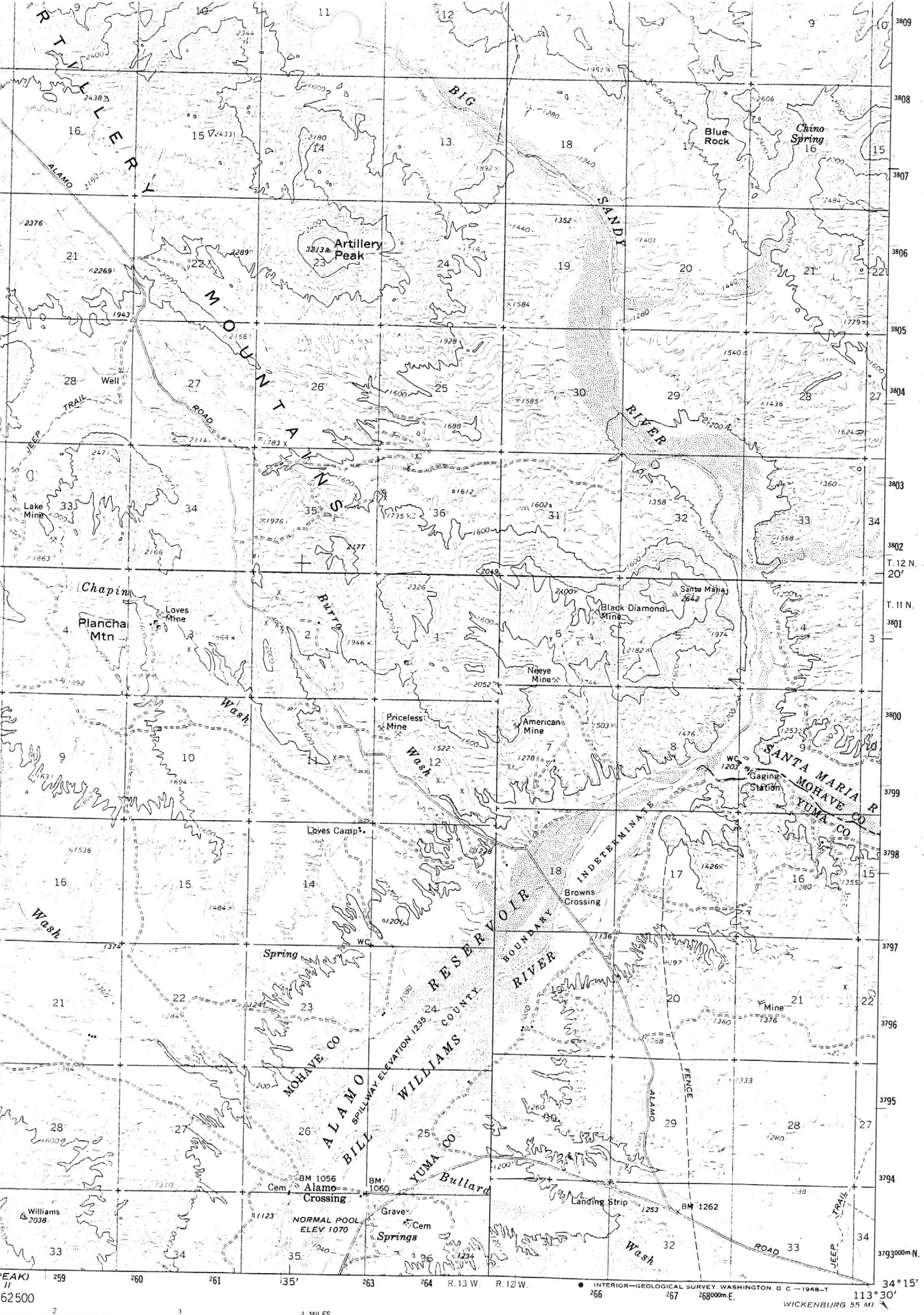
MOHAVE COUNTY MILS NUMBER: 359B

LOCATION: TOWNSHIP 11 N RANGE 12 W SECTION 7 QUARTER S2
LATITUDE: N 34DEG 19MIN 16SEC LONGITUDE: W 113DEG 32MIN 27SEC
TOPO MAP NAME: ARTILLERY PEAK - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MANGANESE OXIDE

BIBLIOGRAPHY:
AZ. STATE LAND DEPT. MINERAL MAP
ADMMR NEEDLE EYE FILE
USGS ARTILLELRY PEAK QUAD
USBM IC 7843, P. 28 (MAP), 32, 33, 36
MASSEY, E., AZ. STATE MINE INSP. 1960, ANNUAL
REPORT, P. 6
BLM AMC FILE 49658



62500

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4 MILES

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON D C — 1948-T

WICKENBURG 55 MI

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Needle-Eye

Date January 26, 1943

District Ownes, Mohave County, Arizona

Engineer Elgin B. Holt

Subject:

REPORT

OWNER: R. S. Rodgers, Wenden, Arizona.

METALS: Manganese.

LOCATION: This group, consisting of two mining claims, is located in the Owens Mining District, Mohave County, Arizona, at a point about five miles south of Artillery Peak and two miles north of the Williams River. It is reached by a road newly constructed by owner of property. This road leaves the Alamo-Wenden road about 4 miles east of Alamo Crossing. Thence, it extends northeasterly and crosses the Williams River about 6 miles above the said Alamo Crossing. Thence the road goes north about two miles up Needle-Eye wash to property. With some improvement this road could be used to truck ore to Wenden, excepting during periods of high water in the Williams River.

VISIT: I visited this property in company with Joe Lewis and R. S. Rodgers on January 15, 1943, at which time Rodgers was working the mine by himself and was arranging to ship ore to the Parker stockpile.

MINE WORKINGS: Rodgers had completed an open cut on vein for a length of 20 feet, exposing a face of Mn ore about three feet wide. About one ton of ore was piled on dump - hand-sorted material - estimated by owner to run around 40% Mn. The country rock consists of alternating beds of sandstone and conglomerate, intruded by an andesite dike adjacent to the vein, which strikes N. 45 deg. W., and dips 60 deg. N.E. I did not take any samples of the ore.

REMARKS: This property has the ear-marks of a good little shipper; but further work will be necessary in order to prove whether there is any great amount of shipping ore or not. This property is located about two miles westerly from the Black Diamond Mn claims belonging to Lewis Brothers and their sister, Mrs. Thompson. (See my report on the Black Diamond Group).

(Signed) Elgin B. Holt

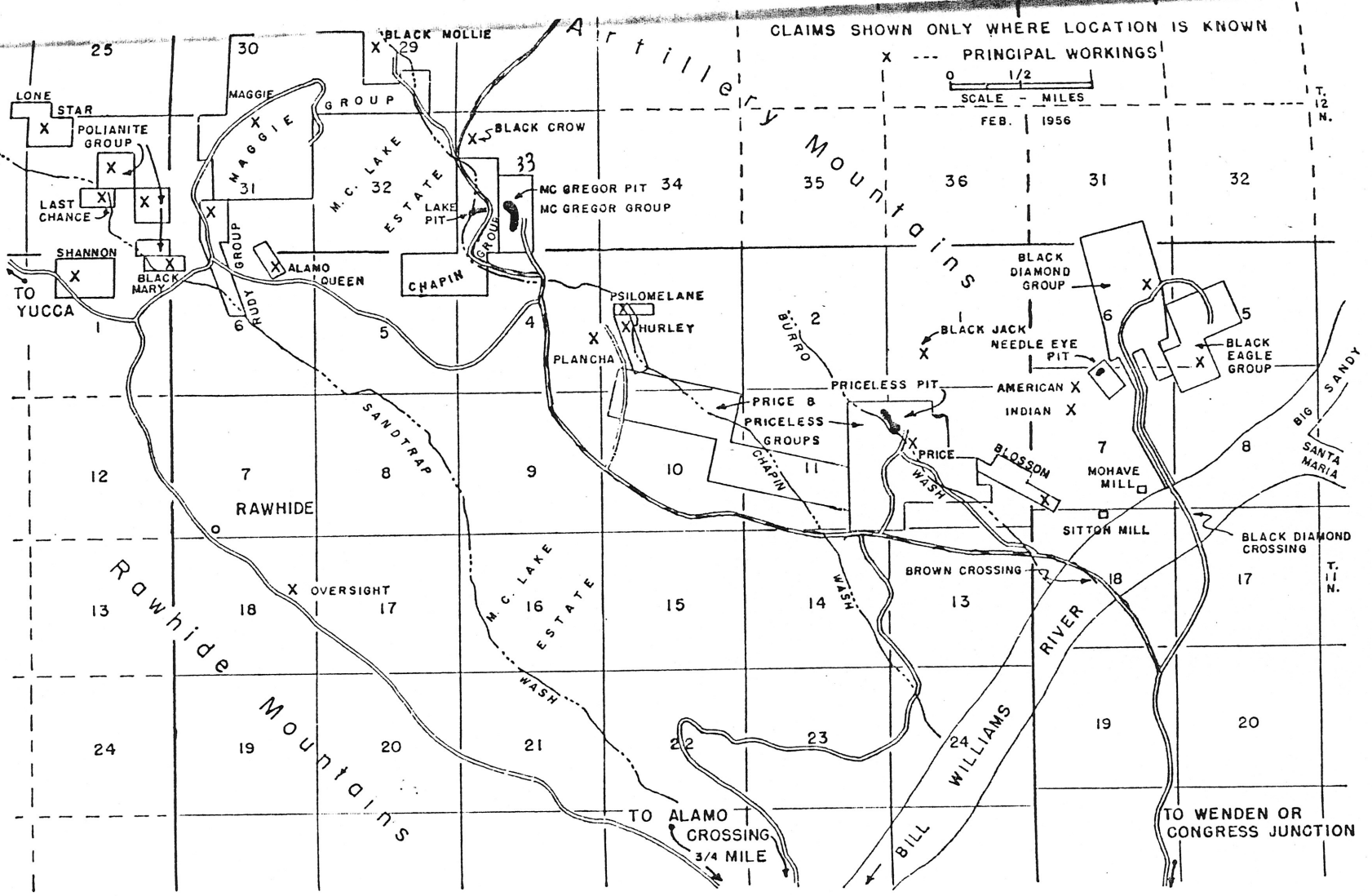


FIGURE 9.—Location Map, Major Part of Artillery Mountains Region.

9C 7484 p.28

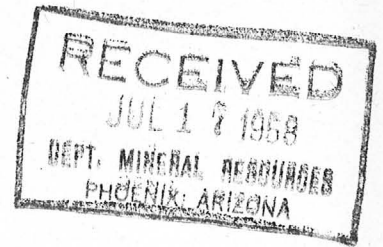
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from: W.H. Crutchfield Jr. Mohave County Prospect Assessment Compilation (post 1982)

Name of Mine or Project: Needle Eye		Township 11N	Range 12W	Section 7	Priority C
Principal Minerals: Psilomelane, Manganite		1:250,000 Quad Prescott		7.5' - 15' Quad Artillery Peak	
Associated Minerals:		District Artillery Mtn.		Principal Product Manganese	
Type of Operation: Surface: Open Pit		County Mohave	State Ar.	Type of Deposit Sedimentary Host	
Ownership or Controlling Interest: R.S. Rogers (1958) leased to World Manganese Corp. (1955) ¹					
Access: From Black Diamond crossing, proceed north on unimproved road for 1 mile. Mine is shown (unnamed) on topographic quadrangle.					
Structural Control or Geological Association: "Manganese mineralization occurs in a complex pattern of fractures and irregular bunches along a steeply dipping shear zone cutting both the sandy beds of the Artillery formation and the basalt member of that formation. The manganese minerals, largely hard psilomelane and manganite, occur in fractures ranging from mere seams to veinlets several inches in width. In some parts of the zone, the mineralized fractures are closely spaced and form bands and sporadic masses of ore several feet wide and tens of feet long." ¹					
Age of Mineralization:					
Production History			Geochemical Analyses		
(1955) ¹ Total production 476 long tons and 711 long tons concentrates			(1955) ¹ Ore average: 21% Mn Concentrates: 31 to 40.2% Mn.		
References					
1) Farnham & Stewart (1958) p. 36-38.					

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

July 3, 1958



To the Owner or Operator of the Arizona Mining Property named below:

Needle-Eye (Mohave County)
(Property)

Manganese
(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

I do not own this claim and have not worked it since 1955.

F.A.Sitton

Enc: Mine Owner's Report

May 27, 1957

Needle Eye
Owens District
Mohave County

Is one of group owned by Sitton- has been extensively drilled and had some production. Ore was milled in Sitton Mill on Bill Williams River - Mr. Robinett stated that due to fineness of Manganese a poor recovery was obtained - property idle -

MARK GEMMILL

*Sent mine owner's Report
to F.A. Sitton & Co.
830 N. Central Ave.
7/3/58*

See LC 7843 pp 33, 34

See T, T 11A, R 12 W

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine NEEDLE-EYE

Date January 26, 1943.

District Owens, Mohave Co., Ariz.

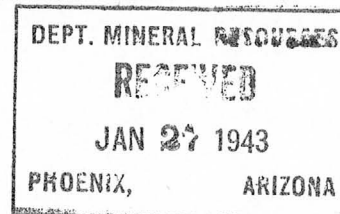
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Elgin B. Holt

Elgin B. Holt,
Field Engineer.

NAME OF MINE: NEEDLE EYE

COUNTY:
DISTRICT: MOHAVE
METALS: MN

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

R. S. RODGER, WENDEN

3/44

Closed