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05/09/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: FOURTH OF JULY MINE

ALTERNATE NAMES:
BLUE EYES GROUP

GILA COUNTY MILS NUMBER: 286

LOCATION: TOWNSHIP 5 N RANGE 16 E SECTION 26 QTR. C
LATITUDE: N 33DEG 48MIN 00SEC LONGITUDE: W 110DEG 36MIN 40SEC

TOPO MAP NAME: BLUE HOUSE MTN - 15 MIN

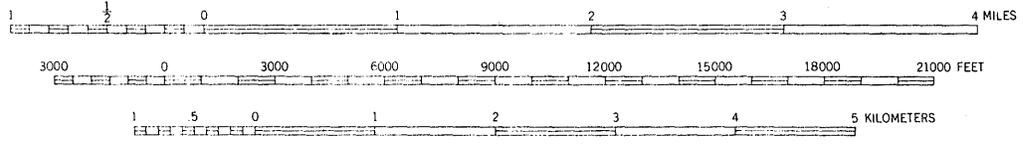
CURRENT STATUS: PAST PRODUCER

COMMODITY:
ASBESTOS-(M) LONG FIBER -
RECOVERABLE
ASBESTOS - (M) SHORT FIBER -
RECOVERABLE
IRON-(M) MAGNETITE-COPRODUCT

BIBLIOGRAPHY:
STEWART 1955 CHRYS-ASB DEPTS OF AZ USBM
IC 7706 P 34-35
ADMMR FOURTH OF JULY MINE FILE
HARRER C M RECONN IRON RES AZ USBM IC 8236
1964 P 34
ADMR "U" FILE



SCALE 1:62500



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Blue House Mtn. 15'

FOURTH OF JULY MINE

GILA COUNTY

Abstract from "Arizona Iron Ore Deposits" in IRON COMMODITY file: Fourth of July Mine, asbestos mine, Gila County, is located in the Seneca (Chrysotile) District (Sec. 11, T5N, R16E unsurveyed). Carley L. Moore reported that bulldozer work had uncovered a bed of magnetite, under a diabase sill, and the magnetite replaces mesal limestone. The magnetite as indicated by short drill holes appear to be about 16 feet thick. The deposit according to Moore lies in a wide roll which generally strikes east-west and pitches both north and south at a flat angle. Mr. Moore reports that the drillings assayed close to 60 percent iron. There has been little work done other than the drilling and a bulldozer cut, so that the reserves are unknown. (Carley L. Moore, 201 Mesa Street, Globe, Arizona.)

FOURTH OF JULY MINE
ASBESTOS

GILA COUNTY
SENECA DIST.

Active Mine List 9-58

Active Mine List 2-1959

Active Mine List 10-1959

Active Mine List 2-1960

See: "ASBESTOS" letter 1-28-60 - Cor. files

Active 9-1960

" 2-1961

IC: 8236 p. 34

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Fourth of July (Iron Deposits) Date May 19, 1960
District Seneca District (Salt River) Gila Co. Engineer Lewis A. Smith
Subject: Interview with Garley (Rusty) Moore.

Claims 13 unpatented.

Location: Sec. 11, T. 5 N., R. 16 E.

Owners: Garley L. (Rusty) Moore, 201 Mesa, Globe, Arizona.
Ray Robinson, 407 17th Avenue (Copper State Tractor Co.) Phoenix
(Moore states that this property is partly owned by Phillips and others.)

Recent Work: A bulldozer cut has uncovered 16 feet of magnetite-hematite iron ore which runs 66% iron, 3% CaO and negligible S, P, and Ti. Moore states that Colorado Fuel and Iron is going to examine the deposit in the near future. Short hole drilling indicates that the deposit is fairly widespread. Some work has been done in the clean up of the asbestos deposits. The iron bed apparently has replaced Mescal limestone near a diabase sill.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Fourth of July Mine

Date March 18, 1960

District Seneca District, Gila County

Engineer Lewis A. Smith

Subject: Interview with ^{Curley}(Charles) Moore

Property: 4 claims

Location: Sec. 11, T. 5 N., R. 16 E. (unsurveyed)

Access: 6.2 miles on Regal road and thence 3.2 miles southwestward from Highway 60.

Owner: ^{Curley}(Charles) Moore, Young Route, Globe, Arizona

Work: (see page 34, "Chrysotile-Asbestos Deposits of Arizona," by L. A. Stewart, U. S. Bureau of Mines, I. C. 7706. January 1955.)

Moore reported that recent exploration had disclosed 16 feet of magnetitic iron ore under the diabase sill. No drilling has yet been done on this bed, but the face was established by a bulldozer cut. Under the magnetite band, an 8 foot bed of ser-pentized limestone contains asbestos seams of 1-3 grades. The iron and asbestos bearing beds are in a wide roll which strikes east-west and pitches both N and S. The roll has apparently developed as the result of strong faulting which trends NE to SW. These faults regionally have step-faulted the Apache and older formation with a general succession of down dropped blocks toward the west. In places 2 sills of diabase exist.