



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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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MUHEIM - GRAFEN MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 177

LOCATION: TOWNSHIP 18 S RANGE 16 E SECTION 31 QUARTER NW
LATITUDE: N 31DEG 49MIN 40SEC LONGITUDE: W 110DEG 45MIN 16SEC
TOPO MAP NAME: SAHUARITA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER OXIDE
SILVER OXIDE
GOLD LODE

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 127, 1974
ADMMR MUHEIM GRAFEN CLAIMS FILE
ADMMR MAPS - UPSTAIRS IN FLAT STORAGE -
DRAWER 2
ADMMR "U" FILE CU 22

MUHEIM GRAFEN CLAIMS

REFERENCES

PIMA COUNTY

ABM Bu1. 189, p. 127

MILS SHEET SEQUENCE NUMBER 0040190325

Maps - Upstaris in flat storage - Drawer 2

NAME OF MINE: MUHEIM-GRAFEN

COUNTY: PIMA
DISTRICT: Helvetia
METALS: CU

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

5/1/44

Joe M. Muheim, Jr.
824 E. Helen St.
Box 962, Tucson, Ariz.

5/1/44

Shipping

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Muheim Grafen Claims

Date Sept. 27, 1963

District Helvetia District, Pima Co.

Engineer Axel L. Johnson

Subject: Present Status. Information from F.D. MacKenzie

References: Report of Sept. 14, 1962 and Sept. 16, 1960.

Location: Approx. Secs. 25 & 36 - T. 18 S. - R. 15 E. & 1 mile south of the Narragansett Mine.

Owners: Joseph M. Muheim, Jr., Box 807, Bisbee, Ariz.
Henry F. Muheim
Mrs. Helen Marty ✓

Lessees: Banner Mining Co., P.O. Box 5605, Tucson, Ariz., Allen B. Bowman, Manager.

This lease was made in July, 1963.

If Anaconda Co. exercises their option to lease all the Banner Mining Co. properties in Pima County, the Muheim Grafen Claims will be included in the Anaconda lease.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Muheim Grafen Claims

Date September 14, 1962

District Helvetia District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Joseph M. Muheim, Jr., Box 807, Bisbee, Ariz.

References: Report of September 16, 1960.

Principal Minerals: Copper and silver.

Present Mining Activity: No mining operations at the present time.

Review of Recent Operations: A small pilot leaching plant with 3 precipitation cells was installed sometime ago. It was planned to leach the ore in place, but no leaching has been done as yet, on account of lack of water for leaching operations. A 552 ft. well was drilled recently to provide water but additional casing has to be installed in the well before it is ready for use.

Leaching tests were made by George Roseveare of Arizona Bureau of Mines.

Three carloads of ore were shipped in 1960-1961 to the A.S. & R. smelter at Hayden. This ore is reported to have averaged $5\frac{1}{2}\%$ copper with 1 ounce of silver.

Proposed Plans: Future plans are, at the present time, rather indefinite, as it is possible that the claims may be optioned to the Banner Mining Company.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Muheim Grafen Claims

Date Sept. 16, 1960

District Helvetia District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Joseph M. Muheim, Jr., Box 807, Bisbee, Ariz.

Location: Approx. Secs. 25 and 36 - T 18 S - R 15 E and 1 mile south of the Narragansett Mine. Turn west from the Sonoita-Mt. View highway at sign "Rosemont," and drive about $4\frac{1}{2}$ miles to the mine.

Number of Claims: 40 unpatented claims.

Owners & Operators: * Joseph M. Muheim, Jr., Box 807, Bisbee, Ariz.
* Henry F. Muheim
* Mrs. Helena Marty

Principal Minerals: * Copper & Silver.

Present Mining Activity: Mining ore in open cut. 2 men working. Production about 80 tons per month.

Geology: Granite porphyry intrusion in limestone. Mr. Muheim reports that the ore horizon is 12 to 15 ft. wide, and pitching at about 70°.

See Schrader's Report - U.S. G.S. Bulletin 582 - page 129 under "Chicago Prospect" for additional information.

Ore Values: Mr. Muheim reported the following assay of the ore - Copper - 3.76%; Silver - 3.7 oz.; Iron - 11.2%; Silica - 49.5%; Aluminum - 12.0%.

He also reported that the last shipment to the Douglas smelter ran about ~~6.5%~~ 6.5% Copper and 3.5 oz. of Silver. This ore, he stated was lightly handsorted.

Ore in Sight: No estimate has been made.

Milling & Marketing: The ore is shipped directly to the smelter.

Past History: (1) Property was worked in 1918 from the vertical shaft, and 11 carloads of ore was shipped to the Phelps Dodge smelter at Douglas, which ran 5.0% Copper and 3.5 oz. of Silver.

(2) In 1955, American Exploration Co. obtained an option to purchase the claims. This option was later dropped.

Old Mine Workings: (1) 1 vertical shaft - 220 ft. deep.
(2) 3 open cuts.

Review of Recent Operations: Operators are now mining ore from an open cut. As soon as all the available ore is excavated from the open cut, they expect to drive a tunnel into the mountain, and stope out ore above this tunnel.

1 carload of ore was shipped in August, which ran 6.5% Copper as noted above, and 80 tons of ore is now ready for shipment. The ore will be trucked to Sonoita, and from there shipped by rail to the P.D. smelter at Douglas.

This property active Feb. 1961

November 25, 1942

Muheim

JH

Mr. Joe Muheim, Jr.
824 East Helen Street
Tucson, Arizona

Dear Mr. Muheim:

Many thanks for your letter of November 23 expressing your appreciation of our efforts on your "C" loan.

I do hope that this loan will result in opening up the property to either prepare it for a "B" loan or put it in position where you can get production.

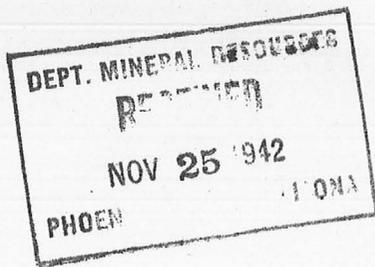
Please advise us occasionally as to your progress.

With best wishes and personal regards, I am

Very truly yours,

J. S. Coupal
Director

JSC:kk



Tucson, Arizona.

Nov. 23, 1942.

Mr. Earl F. Hastings, Assistant Director,
Department of Mineral Resources,
413 Home Builders Bldg.,
Phoenix, Arizona.

Dear Mr. Hastings:

We are very happy to inform you that we received the approval of our application for a R. F. C. Preliminary Development Loan of \$3500.00.

This approval was received in Tucson Nov. 21st but we did not come in from the mine until today.

We wish to express our thanks to you for your efforts in our behalf and greatly appreciate all of your past favors.

Yours very truly,

Muheim Brothers

by *Joe Muheim Jr.*

824 E. Helen Str.,
Tucson, Arizona.

Muheim Draft

C.

October 31, 1942

Mr. Joe M. Muheim
824 East Helen Street
Tucson, Arizona

Dear Mr. Muheim:

This will acknowledge receipt of your application for an RFC Preliminary Development Loan. Your application was forwarded to the RFC Mine Loan Division with our recommendation that the loan be granted.

We are not informed directly as to the decision in Washington referring to these loans and would appreciate hearing from you as soon as you receive notification as to their decision on your property.

Very truly yours,

Earl F. Hastings
Assistant Director and
Projects Engineer

EPH:kk

Muheim - McBarney

Bisbee, Arizona.

October 27, 1942.

DEPT. MINERAL RESOURCES
RECEIVED
OCT 28 1942
PHOENIX, ARIZONA

Mr. J. L. Hastings,
Arizona Department of Mineral Resources,
Homeowner's Building,
Phoenix, Arizona.

Dear Sir:

Enclosed herewith is our application for a Preliminary Development Loan, accompanied by engineer's report, assay certificates, ground map, geological and topographical maps. Also a copy of our lease on the claims to be worked.

Trusting that the data submitted will meet the requirements.

Yours very truly,

Joe and Henry Muheim,

By

Joe M. Muheim Jr.

824 E. Helen Str.,
Tucson, Arizona.