



CONTACT INFORMATION

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MAGMA APEX PROPERTY

ALTERNATE NAMES:
MAGMA EXTENSION

PINAL COUNTY MILS NUMBER: 96A

LOCATION: TOWNSHIP 1 S RANGE 12 E SECTION 26 QUARTER SW
LATITUDE: N 33DEG 18MIN 35SEC LONGITUDE: W 111DEG 06MIN 23SEC
TOPO MAP NAME: SUPERIOR - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
MANGANESE

BIBLIOGRAPHY:
ADMMR MAGMA APEX FILE
ADMMR FILES

Magma Apex Copper Co.

1971 → Last report. to Corp. Com.

J. J. Cox deceased. H. P. Tses
1239W Coronado, Phoenix 2-4396 Home
3-6195 office

+ O. H. Anderson
2806 Roxboro Rd.
Durham, N.C.

H. F. Cox Treas.

1-12-48

MAGMA APEX

Mn, Ag

Pinal

11 - 1

T 1 S, R 12 E Sec. 26
SW

J. J. Cox Estate, 1239 W. Coronado, Phoenix

145

May 14, 1945

Mr. Chas. H. Herman
1520 City Hall Square Bldg.
139 North Clark Street
Chicago, Illinois

Dear Mr. Herman:

My report on the ground of the
Magma Apex to the main office was overlooked
and not sent as you requested. We sincerely
regret this delay.

We hope the enclosed memorandum will
be of some service to you.

Yours very truly,

Andrew Macfarlane
Field Engineer

AM:LP
Enc.

LAW OFFICE
JOSEPH M. FIORE
1520 CITY HALL SQUARE BLDG.
139 NORTH CLARK STREET
CHICAGO

May 12th 1945

TELEPHONE CENTRAL 5559

Department of Mineral Resources
Phoenix, Arizona.
Mr. H. Dunning; Director.

Dear Mr. Dunning;
Will you please contact your field man E. MacFarlane at Globe as to the delay in giving me the report on the property at Superior which he had assured me would reach me in 10 to 15 days in a letter dated Feb. 23rd 1945. I since that date I have sent him six mail letters without any response and as I must have this report before the end of May will you kindly give this matter your personal attention.

Sincerely
Joseph M. Fiore

April 13, 1945

FROM: Andrew Macfarlane, Field Engineer
TO: Chas. H. Dunning, Director
SUBJECT: MAGMA APEX MINE
Superior, Pinal County, Arizona

Complying with your instructions of several weeks ago to examine certain mineral ground near Superior per a request of Mr. Chas. H. Herman of 1220 City Hall, Square Bldg., 139 North Clark Street, Chicago, Illinois, I state as follows:

That Mr. Herman was unable to supply a claim map of the ground he desires information regarding or give a recorded claim name, but his description seems to fit the location of the Magma Apex ground.

This group of claims owned formerly by a corporation named Magma Apex is contiguous to the Magma Mining Company's west and northwest end or side lines.

One of the main shafts of the Magma Mining Company is situated about 1,000 feet easterly from the Apex Company's 60 foot shaft and the claim boundary line of the Apex ground is approximately 500 feet towards the Magma shaft No. 5.

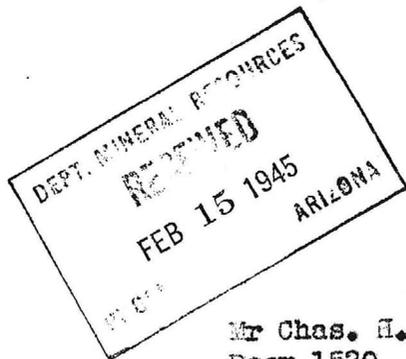
About 1,000 feet in a northeasterly direction from Apex shaft and within the limits of the Apex claims there is apparently an extensive body of manganese and in nearly all the manganese ores of this locality silver values of 3 to 20 ozs. per ton are contained. The grade of the manganese generally un under 35% Mn.

The evident intention of the old Magma Apex Company was to sink a main shaft to depth, thence at depth to explore for the continuation of the ores which do not outcrop but are known to exist within the Magma Copper Company's mine workings just beyond and easterly from the Apex shaft.

The Apex ground in part offers a reasonable basis for the expenditures required both by core drilling and mine explorations in an effort to locate the existence of commercial ores. The favorable location and easy surface terrain near utilities removes the costs of isolation so often a handicap in mine developing.

A study of the formations and geology of the Magma Copper mine and the entire Superior belt will be applicable to the Magma Apex claims.

Interested parties may find Arizona Bureau of Mines Bulletin, Vol. XIV No. 4, dated October 1943 of service to them in connection with the Magma Apex ground.



February 13th, 1945

A. Macfarlane

Mr Chas. H. Herman
Room 1520
139 North Clark St.
Chicago, Ill.

Dear Mr Herman;

A copy of your letter dated Feb. 4th, directed to the head office of this Department, our Director Mr Chas. Dunning has instructed me to answer.

The claims I believe you are seeking information regarding, is commonly known here as the Magma Apex, and is situated over a high ridge about 1 1/2 miles westerly from the main shaft of the Magma mine.

I have asked several old miners of Globe, if they knew of a group of mines here near Globe, known as the Magma Extension, all their answers are negative.

Will continue to inquire both here in Globe and at Superior for a group known as the Magma Extension, in the event there is such a named group of claims.

Meantime if you have any further information pertaining to the property, please send it along, and soon as I am sure of ground, will examine and endeavor to give you the information you desire.

Very truly Yours.

Dept. Of Mineral Resources

Field Engr.

February 8, 1945

Mr. Chas. H. Herman
Room 1520
139 North Clark Street
Chicago, Illinois

Dear Sir:

We have received your inquiry of
February 4 regarding the Magna Extension of Globe.

We think our field engineer in that
district, Mr. Andrew Macfarlane of Globe, would be
more competent to answer you in detail so we are
sending a copy of your letter to Mr. Macfarlane
with the request that he answer you direct.

Yours very truly,

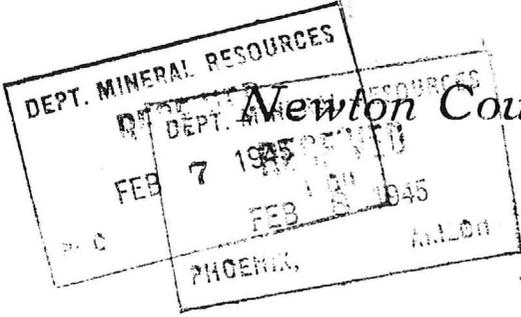
Chas. H. Dunning
Director

CHD:LP

CC: Andrew Macfarlane

A. R. Heidemann, *Presid.*
Wm. A. McCurry, *Vice Pres.*

C. H. Herman, *Sec. & Treas.*
A. B. Arbaugh, *Counsel*



Newton County Mining & Milling Company

Zinc and Lead

JASPER, ARKANSAS

Chicago; Ill
Feb. 4th 1945

State Board of Mineral Resources
Phoenix; Arizona
Attention Mr. Graham

Dear Sir;

Would you kindly give me the geology and the potential value of a property known as the Magna Extension consisting of 2600 acres in the vicinity of Globe so that we can decide as to the future amount of development of this property on a large scale. Your co-operation will be very much appreciated.

Sincerely
C. H. Herman
R-1520-139-N. Clark St
Chicago
Ill.

132/10/45

November 17, 1943

War Price and Rationing Board
No. 81.7.1
137 North Second Avenue
Phoenix, Arizona

Gentlemen:

Mr. James J. Cox, Jr., 1239 West Coronado Street, Phoenix, is administrator of the estate of J. J. Cox, owning the Magma Apex Mining Company. This property is equipped and is being investigated for starting production and calls for about three trips a month to the property, making a total of about 500 miles a month.

I can certify as to the need of this mileage, as the property is one that should be placed into operation and it will require about three trips a month to keep things in proper shape ready for operation.

Yours very truly,

J. S. Coupal, Director

JSC:LP

May 18, 1943

Mr. Harlan H. Bradt
550 Woodland Road
Pasadena, California

Dear Harlan:

Subject: Magma Apex

H. L. Griswold and W. J. Forbach called on my today at my request and we discussed a proposal which I was authorized to submit to you as a basis for dealing. The deal as outlined calls for \$150,000 cash payment with an additional \$150,000 in royalty to be paid on the basis outlined in my letter to you of April 19, 1943.

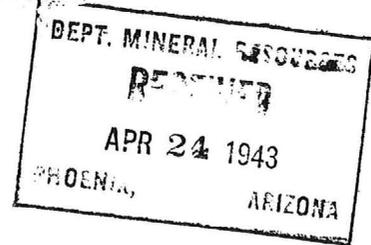
In discussing this plan Mr. Forbach, who is an experienced mine operator and who has carefully studied the whole situation, believes that the property warrants the sinking of a 2000 foot three-compartment shaft and 3000 feet of drifting and cross cutting. At present the head frame is erected at about 60 feet and the three-compartment shaft sunk at what is believed to be the most logical place for starting this work.

Certain information has been acquired as to the Magma ore body approaching the end line of their holdings which indicates on the 1600 foot level a vein some 6 to 7 feet in width running about 30 percent copper; on the 2550 foot level, about the same; on the 3600 foot level, 8 feet of ore of about the same average; on the 4400 foot level, 18 to 20 feet in width of 29 percent copper ore plus appreciable values in gold and silver always accompanying the copper.

Mr. Griswold advised me that he has taken the question of a reconsideration of their application for a loan up with Jesse Jones, Senator Carl Hayden, Senator Scrugham, Senator Tom Connolly, and others, and has had a reply stating that they would go ahead and investigate and try to obtain a reconsideration. This is being done but if you are in a position to act quickly with your associates, I believe a deal along the lines outlined would take preference.

If you feel as though you can get action, I would suggest that you phone Mr. Griswold at his residence, 4-4556, Phoenix, and arrange for an

HARLAN H. BRADT
550 WOODLAND ROAD
PASADENA, CALIF.



April 22, 1943.

J. S. Coupal, Esq.,
413 Home Builders Building
Phoenix, Arizona.

Dear Sam:

Thanks for your letter of April 19. If anything new develops in the Magma Extension I will be very much interested in learning about it.

I also acknowledge receipt of your letter concerning Wiseman and the sandstone copper property. Apparently this is big enough to take him back into the operating game again, but I suggest that you keep in touch with the situation in case he changes his mind.

I think I told you on the 'phone that I went up to Swansea where I met E. C. Lane. I did not get over to Planet Iron as I was informed the road was pretty bad. However, the property is so far from the railroad that it is really "out of bounds" for consideration as a source of ore in Southern California.

Evidently there is a map of the State of Arizona with 100-meter contours of which I have seen photostats of certain sections. I wish you would tell me how I can obtain a copy of this map as I would like to have it for reference.

If you find it necessary to come over this way again, please let me know in advance, if possible, as I would like to see you. I may be here for another three or four weeks before making a trip to Minnesota.

Please remember me to Mr. Willis.

With kind regards, I am,

Sincerely yours,

HHB-L

April 19, 1943

Mr. Harlan Bradt
550 Woodland Road
Pasadena, California

Dear Harlan:

I have just found out that the Magma Apex Copper Company has given a lease on the Magma Extension to a Superior Copper Company which was incorporated March 12, 1943. The Superior Copper Company has made an application for a loan of \$430,000 to sink a 2000 foot shaft. H. L. Griswold of 1514 East Brill Street, Phoenix, and William J. Forbach, who is a mine operator, and A. J. Klamt, who is the engineer and superintendent, prepared rather extensive reports and submitted the application.

Magma Apex Copper Company is evidently the early owner of the property and J. J. Cox of Phoenix is president. A lease was obtained by W. J. Forbach and assigned to the Mohawk Gold Mines, Incorporated, of New Mexico under terms calling for \$50,000 worth of work before May 31, 1944, and I believe a \$100,000 payment for the property. There is a clause in the lease to the Superior Copper Company which calls for work to start within sixty days after April 18, or it may possibly be after March 18.

The application for the loan was submitted on April 14. Payments are to be made on a 10 percent royalty for ores treated on the premises and the other royalties as follows:

Up to \$7 ore	2½%
\$7 to \$10 ore	5%
\$10 to \$15	10%
\$15 to \$20 ore	15%
\$25 and over	25%

I believe the application will be turned down as the ore in this ground could be prospected and developed at a much less expenditure than \$430,000 by working through the Magma workings.

I am very well acquainted with Forbach and may possibly see him sometime in the near future as I know he is one of the very active ones

May 29, 1943

Mr. Harlan Bradt
550 Woodland Road
Pasadena, California

Dear Harlan:

I have just had word from W. C. Broadgate, who is Assistant Director of the Department in Washington and who keeps in close contact with the various heads of the agencies concerned with mining. In this memorandum he states that he hopes we will not attempt to try and push the application for a loan on the Magna Apex. He informs us that whereas several of the top men in other lines have taken this question up, undoubtedly through the urging of Mr. Griswold, that he feels as though it will be stymied and stopped in the War Production Board and that it is useless to attempt to put this loan through.

Mr. Forbach, who has been active on the Magna Apex, was just in the office. I feel as though under these conditions, it would be possible for you to deal with Mr. Griswold and perhaps get better terms than the ones I stated.

I hope you will be able to contact Mr. Griswold shortly on this subject.

Very truly yours,

J. S. Cougal, Director

JSC:kk

June 5, 1943

Mr. Harlan Bradt
550 Woodland Road
Pasadena, California

Dear Harlan:

I met Mr. Griswold and Mr. Forbach, who are the active parties in the Magna Apex, lastnight and they were anxious to know whether or not you would be in a position to contact them shortly regarding a possible deal. I understand that there are two or three other Senators who are becoming active in their interests. I, furthermore, understand that the WPB does not look favorably on the application for a loan, due probably to the proximity of the property to the magna.

I would appreciate hearing from you on this subject.

There is another matter that has come to my attention which may be of interest to you and that is a large gold property carrying a small amount of lead. I expect to see the property sometime soon. It is reported by a substantial man, who is doing the development work, to show a brecciated zone some 150 feet in width and traceable for a considerable length with the gold running from \$4 to \$6 or \$8 and the lead about 5 or 6 percent.

I will let you know more about it as soon as I see the property.

Very truly yours,

J. S. Coupal, Director

JSC:kk

1943
Evelyn Barrett
P.O. 1336

July 30, 1943

Mr. Harlan H. Bradt
550 Woodland Road
Pasadena, Zone 5
California

Dear Harlan:

Thank you for your letter of July 28 and hope your trip into Ontario was successful.

Regarding your remarks on the Magma Apex, I believe it would be difficult for you to get a contract for metal at a price considerably above the open market due to the fact that the ore you would be going after is considered high grade. However, under the original ruling I believe the operations would be granted a zero quota, as there was no production during the year 1941 and a zero quota entitles that operation to a five-cent premium over the 12-cent ceiling price on copper, giving you 17 cents per pound.

As Mr. Griswald and his associates have made no definite headway on their plans at Washington, I believe the Magma Apex still offers an excellent chance to sink a shaft and open up mighty good ore. As you know, the group in Washington plays hand in hand with the big interests and for that reason alone I believe any application for a loan on the Magma Apex would be rejected. I do consider it an excellent chance for an independent operator to go in and open up the extensions of real high grade ore.

The gold lead property I mentioned to you is going to be developed by a cross cut so that the width and value of what evidently is an enormous copper-lead deposit can be partially determined. I expect to be called in before the actual work is undertaken and then also to be called in as soon as progress is made and I will be glad to keep you posted as this looks like something for real large capital and eventually should warrant a thousand ton mill if the preliminary reports are at all sound.

I have been advising with one of the companies who is considering preliminary work on the Great Western Copper at Courtland. The property looks very promising from all of the data submitted. The property has produced close to four million dollars in copper-gold ore.

Mr. Harlan H. Bradt

-2-

July 30, 1943

On one portion of the mine on which no stoping has been done a cross cut showing an ore zone some 600 feet in width was driven and all of the ore from the cross cut shipped, close to 3,000 tons, averaged 3.7 percent copper, \$2.50 in gold, and slightly less than an ounce in silver.

A favorable lease is held on the property and the holder on the lease is willing to turn it over. The royalty is six percent of the net smelter return less hauling and smelter charges.

It will require \$10,000 or less to repair the shaft, unwater the mine and sample the ore. I feel sure this will expose a large body of shipping ore and undoubtedly a much larger body of milling ore.

I believe it would be very easy to obtain R.F.C. money to put the property in condition to ship from 50 to 100 tons a day and also get additional funds from them to rehabilitate two of the other workings, at which time it seems to me probable that sufficient ore could be exposed to warrant intensive development and mine preparation with an object of seeking for a 300 to 500 ton mill.

A \$10,000 to \$15,000 gamble to get in to this type of proposition seems to me one that is most attractive.

With best wishes and kindest personal regards, I am

Yours very truly,

J. S. Coupal, Director

JSC:LP

HARLAN H. BRADT
550 WOODLAND ROAD
PASADENA, CALIF.

Zone 5

July 28, 1943

DEPT. MINER
REC
JUL 29
PHOENIX

J. S. Coupal, Esq.
413 Home Builders Building
Phoenix, Arizona

Dear Sam:

Thank you very much for your letters and enclosures, dated May 18 and 29 and June 5 and 22. I left here on May 18th for Port Arthur and Steeprock, Ontario returning the end of June. The mail which was forwarded to me miscarried and only today a letter which was written on May 25th got back to Pasadena.

Evidently the Seligman iron deposit is out of the picture according to Mr. Holt's report. Considering the favorable progress of the war for the past few weeks, I am wondering if it would be possible to get any government cooperation whatever for new mining projects which will not come into production for at least several months. In order to justify the development of the Magma Apex, it would be necessary to have a contract for metal at a price considerably above the open market. If my experience with the Washington boys since 1940 is any criterion, they will hedge on additional commitments from now on.

I would be pleased to have your views and your advice as to whether you think any effort along such lines is now justified.

It is my intention to remain in the city of Pasadena for several weeks, and I would be glad to have a talk with you about your general plans if you should get over this way. Please let me know a few days in advance if possible.

I appreciate very much your writing me about these various matters and I hope something will develop which ^{we} you may collaborate upon. After you have had a look at the Gold-Lead properties which you refer to in your letter of June 5th, I wish you would let me have your reactions to it.

With best wishes, I am

Sincerely yours,

Harlan
Harlan H. Bradt.

HHB:CB