



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

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

02/26/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: APACHE CHIEF

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 579

LOCATION: TOWNSHIP 16 S RANGE 29 E SECTION 11 QUARTER S2
LATITUDE: N 32DEG 03MIN 20SEC LONGITUDE: W 109DEG 21MIN 20SEC
TOPO MAP NAME: COCHISE HEAD - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

LEAD
COPPER

BIBLIOGRAPHY:

AZBM FILE DATA CIRCA 1973
ADMMR APACHE CHIEF FILE
BIGSBY, PHILLIP MLA 1-83 GEO FILE



23 MI TO U.S. 666 HEARCE 31 MI 25' PORTAL 29 MI. R. 29 E. (CHIRICAHUA 1:25000) SCALE 1:62,500 20' R. 29 E. INTERIOR GEOLOGICAL SURVEY



MAGNETIC NORTH
MEAN
1950

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

Cochise Head 15'

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

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine ✓ Apache Chief

Date May 3, 1956

District California District, Cochise Co.

Engineer Axel L. Johnson

Subject: Present Status.

Location 25 to 30 miles SE of Dos Cabezas. ---- Sec. 11 -- T 16 S -- R 29 E.

Number of Claims 1 patented claim. 1 unpatented claim.

Owner ✓ According to the records at the Cochise County Court House, one patented claim, called "Apache Chief" is owned by B. K. Riggs Dos Cabezas, Ariz.

Principal Minerals ✓ Lead and Copper.

20 January 1941

✓
Mr. John C. Riggs,
Dos Cabezos,
Arizona.

My dear Mr. Riggs:

Complying with request contained in your letter of January 13, I am enclosing herewith Report of the Applied Research Labs. and Assay And Analysis Certificate from R. A. Perex Company.

Copy has been made of these reports and attached to mine owners report covering this property.

I am also enclosing an extra copy for your use.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf
encls.

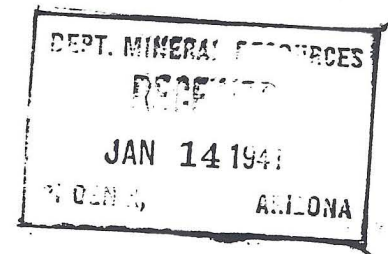
Registered Mail
Return Receipt Requested

JOHN RIGGS RANCHES

FINE HEREFORDS SINCE 1890

DOS CABEZOS, ARIZONA

Jan. 13th, 1941.



Department of Mineral Resources,
Capitol Building, Phoenix Arizona.

Mr. J. S. Coulal, Director:

Thanks for the copy of report on my Apache
Chief Mine.

I am wondering what you did with the analysis
sheet I mailed you on this property. I would
like to have that report mailed to me as I only
mailed it to you for your inspection. I have no
copy of it and I have no assays on the property.

With kindest regards,

Very truly yours,

John C. Riggs.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date December 18, 1940

Mine Apache Chief

Mining District & County - California Dist.
Cochise County

Location - In Sec. 11, T 16 S,
R 29 E. Cochise Co.,
Arizona. 25 or 30 miles SE of
Dos Cabezos, Arizona
Address - Dos Cabezos, Arizona

Former Name - Do not know

Owner - John C. Riggs

Operator - None

Address

President - No company

Gen. Mgr. - John C. Riggs

Mine Supt.

Mill Supt.

Principal Metals - Lead and Copper

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - None

Operations Planned - To sell or lease or both.

Number Claims, Title, etc. - 2 claims, 1 patented, 1 located, can locate another.

Description: Topography & Geography - On the west drainage of the north end of
The Chiricahua mountains, in a large canyon
about one mile from its mouth.

Mine Workings: Amt. & Condition - 1 shaft 30 or 40 ft. deep on ledge, 1 tunnel
cutting the ledge perhaps 50 ft. below the bottom
of the shaft. Top of the shaft is caved some and
the tunnel has one bad place in it that has been
repaired so that the place may be passed by an
individual.

Geology & Mineralization - Quartz ledge, perhaps 100 ft. thick at widest place between rhyolite and shale. The ore is both oxides and sulphides.

Ore: Positive & Probable, Ore Dumps, Tailings - No ore has been shipped and some of the dump has been washed away by the canyon flood waters.

Vein Width, Length, Value, etc. - The entire ledge is mineralized. For values see analysis sheet. (low-grade lead and copper)

Mine, Mill Equipment & Flow Sheet - None

Road Conditions, Route - Good to mouth of canyon. From mouth of canyon about 1 mile the road is poor but could be made good at a light expense.

Water Supply - Perhaps 5 gallons per minute flows out of the tunnel on the patented claim. This is a permanent flow. With depth there will no doubt be an adequate supply. Rainfall is 15 to 20 inches per annum. Elevation between 5,000 and 6,000 feet.

Brief History - Formerly owned by Pete Windes of Florence, Arizona whose address after January 1, 1941 is expected to be Dos Cabezas, Arizona

Special Problems, Reports Filed - To get the property adequately developed.

Remarks

If property for sale: Price, terms and address to negotiate - The property is for sale to responsible party. No price has been set at this time. Perhaps the Department of Mineral Resources could help in fixing a price.

SIGNED - John C. Riggs.

COPY

APPLIED RESEARCH LABORATORIES

1208 San Julian Street
Los Angeles, California

January 3, 1938

Report on qualitative spectrographic analysis of sample
#49797 as submitted by:

R. A. Perez Company
120 N. Main Street
Los Angeles, California

<u>Elements Present</u>	<u>Estimated Quantities</u>
Silicon	10%
Lead	10%
Iron	1-10%
Magnesium	1%
Zinc	1%
Aluminum	1%
Copper	.1-1%
Calcium	.1-1%
Manganese	.1-1%
Titanium	.01-1%
Molybdenum	.01%
Vanadium	.01%
Silver	.01%
Barium	.01%
Nickel	.001-.01%
Chromium	.001-.01%
Cobalt	.001%
Gallium	.001%
Bismuth	.001%

Estimated quantities given to the closest power of ten.

Charges \$6.00 Paid.

Respectfully submitted,

ALLIED RESEARCH LABS.

(SIGNED) Dr. M. F. Hasler

COPY

R. A. PEREZ CO.

120 North Main Street
Los Angeles, California

January 3, 1938

I hereby certify that the sample of _____ received from J. C. Riggs
gave the following results:

Sample No.	Owner's mark on sample	Ozs. per ton of 2000 lbs.		Value per ton		Wet % Lead
		Gold	Silver	Gold 66¢ per oz.	Silver	
49797	Sample by mail for Spectograph	0.01	1.20	0.35	0.79	4.9

Charges \$ None

(SIGNED) Otto Ellerman
Assayer and Chemist.

16 December 1940

Mr. John C. Riggs,
Dos Cabezos,
Arizona.

My dear Mr. Riggs:

I thank you for your letter of December 12. I shall be glad to receive the additional information on your diatomaceous earth property as soon as it is available.

I am enclosing herewith a blank mine owners report, which I should suggest that you fill out in detail and return to this office so that information may be available on your APACHE CLIFF CLAIMS. Upon receipt of this report, I shall be glad to submit it to anyone making inquiry for a property such as your.

Assuring you of my desire to be helpful, I am, with best wishes,

Yours very truly,

J. S. Coupal
Director

JSC-jrf
encl.

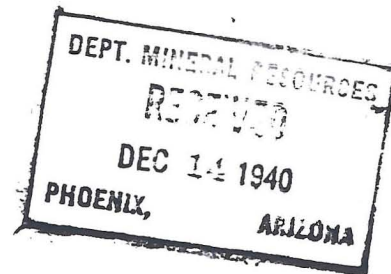
JOHN RIGGS RANCHES

FINE HEREFORDS SINCE 1890

DOS CABEZOS, ARIZONA

Dec. 12th, 40.

Dept. of Mineral Resources,
State of Arizona, Phoenix.
Mr. J.S. Coupal, Director.



My Dear Mr Coupal:

I wish to thank you for your work in behalf of my diamantiferous earth property. I hope to have more information on that property some time during 1941, and will communicate same to you when I have it.

I own the Apache Chief, patented mining claim in the California Mining District in Cochise County Arizona, this claim covers a large quartz ledge in a contact zone between rhyolites and a shale I presume, it outcrops for a long distance and where the Apache Chief is located it is perhaps 100 feet thick, it carries low values in copper and lead and a little of many other substances, I enclose an analysis sheet for your inspection on this property and ask that you return same ^{to me} when you are thru with it.

It has a shaft 30 or 40 feet deep, and a tunnel below the shaft that cuts all the way thru the ledge, perhaps 50 feet below the bottom of the shaft, this tunnel I am told cuts material that will average one or two per cent in copper and in lead, and the analysis is on some of the material out of this tunnel, but it is a grab sample off of the dump.

This property has been located for many years, and I acquired it from Pete Windes, who is now at Florence Arizona. He can give you more information than anyone I know on this property.

There is no operation of the property at present; I own one patented and one located claim upon the ledge; This property is situated in the lower part of the main Chiricahua mountains in a large canyon about one mile from its mouth, good road to the mouth of the canyon and a very poor road from there to the claims but could easily be made good. There is no equipment on the claims, except a small adobe cabin. Water flows out of the tunnel, maybe 5 gallons per minute. The property can be had on bond and lease to responsible parties, no price has been set at this time.

I would be glad to have you list this property, it has merit I think, but will take money to develop it.

Very truly yours,

John C. Riggs.

COPY

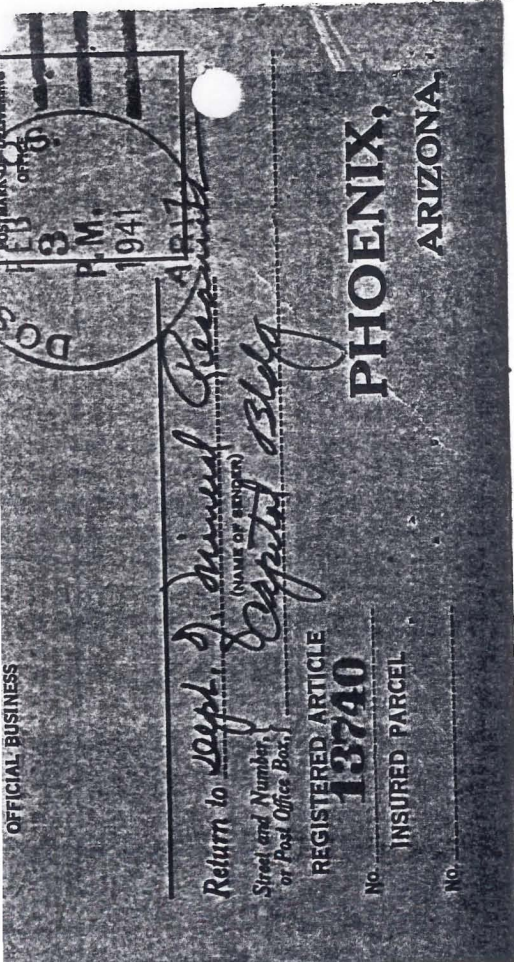
APPLIED RESEARCH LABORATORIES

1208 San Julian Street
Los Angeles, California

January 3, 1938

Report on qualitative spectrographic analysis of sample
#49797 as submitted by:

R. A. Perez Company
120 N. Main Street
Los Angeles, California



<u>Elements Present</u>	<u>Estimated Quantities</u>
Silicon	10%
Lead	10%
Iron	1-10%
Magnesium	1%
Zinc	1%
Aluminum	1%
Copper	.1-1%
Calcium	.1-1%
Manganese	.1-1%
Titanium	.01-1%
Molybdenum	.01%
Vanadium	.01%
Silver	.01%
Barium	.01%
Nickel	.001-.01%
Chromium	.001-.01%
Cobalt	.001%
Gallium	.001%
Bismuth	.001%

Estimated quantities given to the closest power of ten.

Charges \$6.00 Paid.

Respectfully submitted,

ALLIED RESEARCH LABS.

(SIGNED) Dr. M. F. Hasler