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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MARIETTA ET. AL.

ALTERNATE NAMES:

X-RAY
DARWIN

MOHAVE COUNTY MILS NUMBER: 116F

LOCATION: TOWNSHIP 23 N RANGE 18 W SECTION 2 QUARTER NE
LATITUDE: N 35DEG 24MIN 21SEC LONGITUDE: W 114DEG 10MIN 00SEC
TOPO MAP NAME: CHLORIDE - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

GOLD LODE
SILVER
LEAD

BIBLIOGRAPHY:

ADMMR MARIETTA ET AL MINE FILE
ADMMR MOHAVE CUSTOM MILL PROJECT

08/30/85

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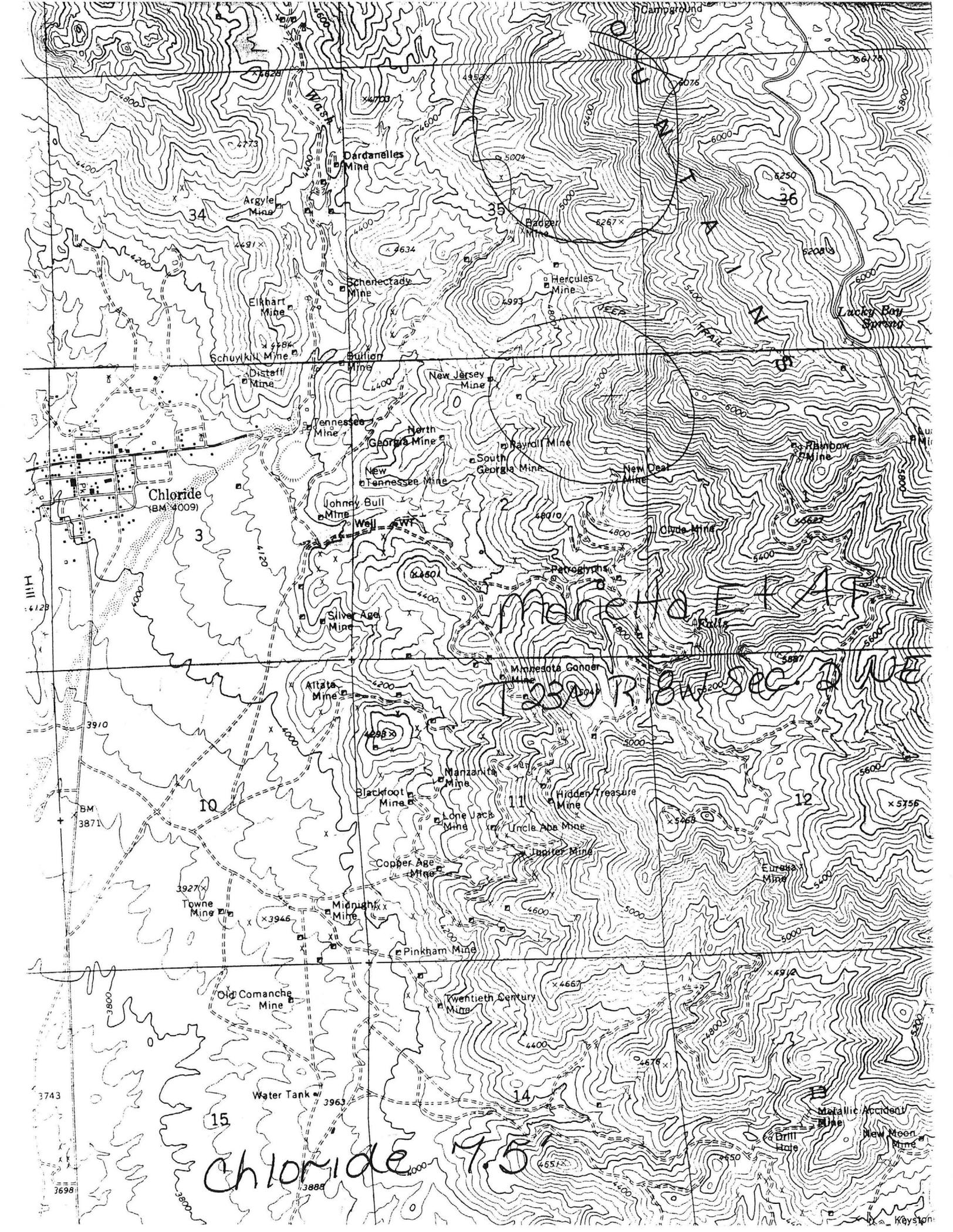
CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

GOLD-(M) LODE-PRIMARY
SILVER-COPRODUCT
LEAD-BYPRODUCT

BIBLIOGRAPHY:

USGS CHLORIDE QUAD
ADMR MARIETTA ET.AL. MINE FILE
ADMR MOHAVE CUSTOM MILL PROJ. CARD FILE



34

3

10

15

Dardanelles Mine

Argyle Mine

Schenectady Mine

Elkhart Mine

Schuykill Mine

Distaff Mine

Chloride (BM 4009)

Bullion Mine

Tennessee Mine

Johnny Bull Mine

Well Mine

Sliver Age Mine

Attala Mine

Blackfoot Mine

Copper Age Mine

Midnight Mine

Pinkham Mine

Old Comanche Mine

Water Tank

New Jersey Mine

North Georgia Mine

New Tennessee Mine

Manzanita Mine

Manzanita Mine

Blackfoot Mine

Lone Jack Mine

Copper Age Mine

Midnight Mine

Pinkham Mine

Old Comanche Mine

Water Tank

Manzanita Mine

Manzanita Mine

Blackfoot Mine

Lone Jack Mine

Copper Age Mine

Midnight Mine

Badger Mine

Hercules Mine

South Georgia Mine

Navardil Mine

New Deal Mine

Paragon Mine

Minnesota Cancer Mine

Hidden Treasure Mine

Uncle Abe Mine

Twentieth Century Mine

Manzanita Mine

Blackfoot Mine

Lone Jack Mine

Copper Age Mine

Midnight Mine

Pinkham Mine

Old Comanche Mine

Water Tank

Manzanita Mine

Manzanita Mine

Blackfoot Mine

Lone Jack Mine

Copper Age Mine

Clay Mine

Lucky Boy Spring

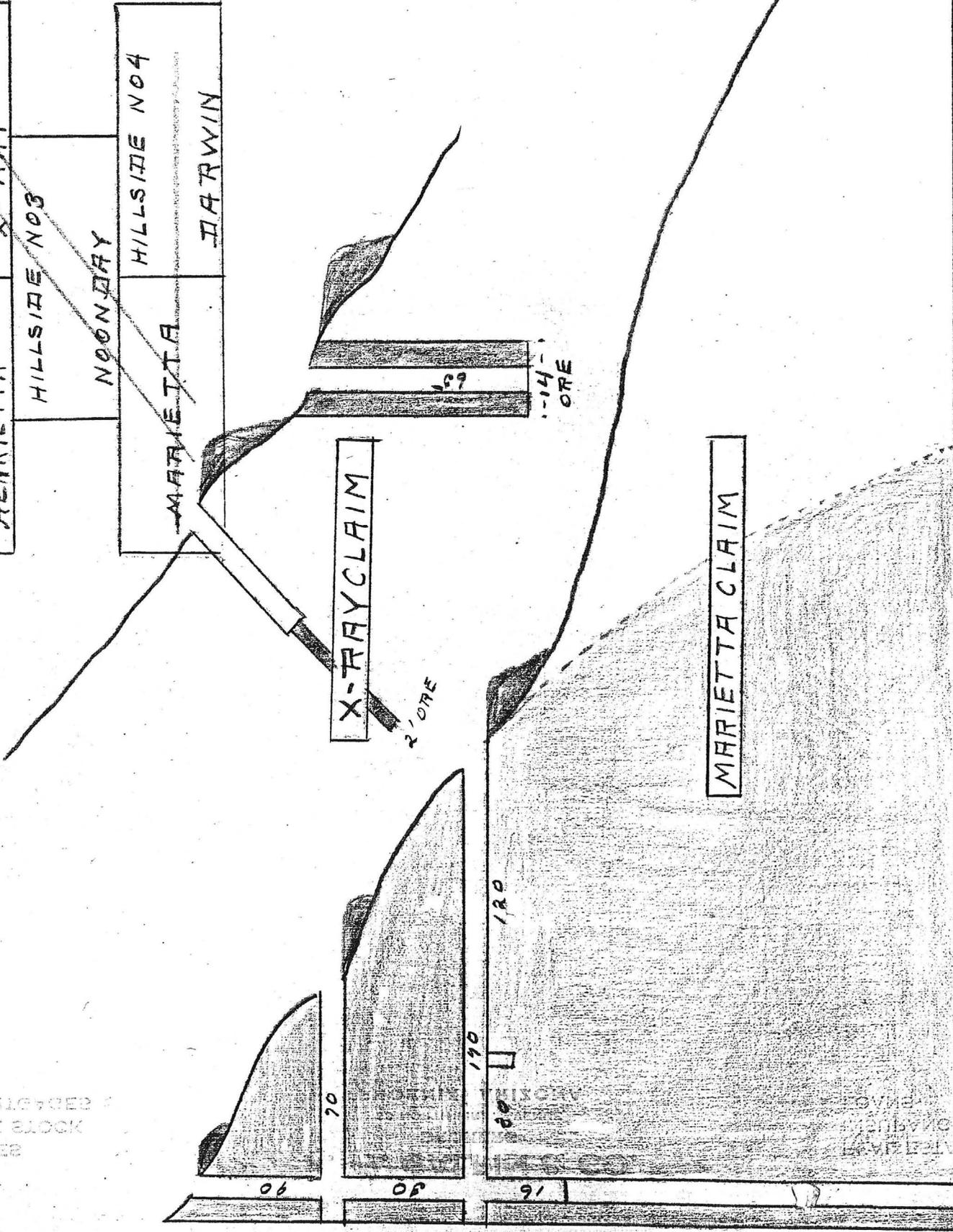
Rainbow Mine

Clay Mine

Manzanita E. K. A. P.
1250 Right Sec. 2 West

Chloride 7.5

HILLSIDE NO 2	HILLSIDE NO 1	MILLSITE
HENRIETTA	X-RAY	X-RAY 2
HILLSIDE NO 3		
NOONDAY		
MARIETTA	HILLSIDE NO 4	
	DARWIN	



PROPOSED WORK

250 FOOT DEVELOPMENT SINCE REPORT 1908

**ARIZONA CORPORATION COMMISSION
PERMIT NO. 970
INVESTMENT COMPANY NO. 668**

Phoenix, Arizona, Jan. 19, 1917.

The Chloride X-Ray Mining Company was incorporated November 21, 1916, under the laws of Arizona, with an authorized capital of \$1,500,000.00, divided into 1,500,000 shares of common stock, par value \$1.00.

Seven Hundred Thousand (700,000) shares of the capital stock were issued in exchange for six mining claims, situate in Wallapai Mining District, in Mohave County, Arizona, to-wit:

Hillside No. 1, Hillside No. 2, Hillside No. 3, Hillside No. 4, Marietta and Millsite for Hillside No. 1; location notices whereof are recorded in the office of the County Recorder of Mohave County, Arizona, in Book D. D. of Mining Records at Pages 559-560; Book D, Pages 560-561; Book D, Pages 561-562; Book D, Page 562; Book U, Page 609.

A copy of an engineering report signed by Ricketts & Banks of New York City and dated October 9, 1908, has been filed with the Commission.

The stock is now distributed as follows:

Thomas A. Barker.....	}	Note.....	700,000 shares
A. W. Galpin.....			
John Spargo.....			
Smith Chittick.....			
Wm. H. Mann.....			800,000 shares
Treasury Stock			800,000 shares
Total			1,500,000 shares

Note: Directors jointly own 700,000 shares.

Application is made for authority to sell two hundred and fifty thousand (250,000) shares of Treasury stock at twenty-five (25c) cents per share, paying twenty (20%) per cent commission for the sale of stock. The proceeds from the sale of stock will be used to further develop the property by the further sinking of shafts, drifting and blocking out ore in the tunnels in order to figure tonnage and determine size of mill required and best process to install.

IT IS HEREBY ORDERED: That the Chloride X-Ray Mining Company be and the same is hereby authorized to sell Two Hundred and Fifty Thousand (250,000) shares of its Treasury Stock at Twenty-five (25c) cents per share.

IT IS FURTHER ORDERED: That a commission not to exceed twenty (20%) per cent may be paid for the sale of stock.

IT IS FURTHER ORDERED: That the seven hundred thousand (700,000) shares issued in exchange for the property and now jointly held by Thomas A. Barker, Smith Chittick, A. W. Galpin, Wm. H. Mann and John Spargo shall be deposited with the Arizona Corporation Commission, or with a depository to be selected by said shareholders and approved by the Arizona Corporation Commission, to be held as an escrow pending the further order of the Arizona Corporation Commission, and while said certificates shall be so held, the shares evidenced thereby shall not be sold or offered for sale, or otherwise transferred unless the consent of said Arizona Corporation Commission shall have been first obtained in writing.

IT IS FURTHER ORDERED: That a true copy of this permit be exhibited and delivered to each prospective subscriber for or purchaser of said securities before his subscription shall be taken therefor or any sale thereof made to him.

IT IS FURTHER ORDERED: That a copy of all advertising be filed with the Commission within three days after the first publication.

IT IS FURTHER ORDERED: That any violation of the conditions above mentioned shall render this permit void.

THE CORPORATION COMMISSION IN NO WISE RECOMMENDS THE STOCK, BONDS OR OTHER SECURITIES TO BE OFFERED FOR SALE BY SUCH INVESTMENT COMPANY.

EVERY AGENT SELLING OR OFFERING FOR SALE THE STOCK, BONDS OR OTHER SECURITIES MUST REGISTER WITH THE CORPORATION COMMISSION AND HAVE A REGISTRATION RECEIPT.

By Order of the ARIZONA CORPORATION COMMISSION.

W. N. SANGSTER,
Secretary.

Dated at Phoenix, Arizona, this 19th day of January, 1917.
(SEAL)

Marietta Hill file, McNamee

SUBSCRIPTION BLANK

.....1917

Mr. A. W. Galpin,
Secretary, Chloride X-Ray Mining Co.,
Phoenix, Arizona.

Dear Sir:

Being fully informed regarding the organization, purposes, property holdings and possible ore production and income of the Chloride X-Ray Mining Company, I herewith subscribe for.....
.....shares of the capital stock of said company, at 25 cents per share, it being understood that the shares so subscribed for are fully paid and non-assessable.

Enclosed I hand you
(Check Draft)

for \$.....dollars in payment.

It is further understood that in the event of over-subscription, you shall have the right to pro rate all subscriptions and make proportionate allotments to each subscriber, your right to reject any and all subscriptions being hereby confirmed.

If the full amount of stock hereby subscribed for is not allotted to me, you are to return me the amount of my unpaid subscription after allotments have been made.

Yours truly,

P. O. Address
.....

(OVER)

May 27, 1957

MARIETTA CLAIM

MOHAVE COUNTY

This property idle.

MARK GEMMILL

RIK

OFFICERS AND DIRECTORS:
THOS. A. BARKER, PRESIDENT
SMITH CHITTICK, VICE PRESIDENT
WM. H. MANN, TREASURER
A. W. GALPIN, SECRETARY
JOHN SPARGO, MINE MANAGER

INCORPORATED IN ARIZONA
ALL SHARES FULLY PAID AND NON-ASSESSABLE
THE COMPANY HAS NO BONDS OR INDEBTEDNESS OF ANY KIND

COUNSEL:
ALEXANDER & CHRISTY
PHOENIX

MINING ENGINEERS:
RICKETTS & BANKS, NEW YORK
W. E. DEFTY, PHOENIX

The Chloride X-Ray Mining Co.

MINES AT
CHLORIDE, ARIZONA

ADDRESS ALL COMMUNICATIONS TO
MAIN OFFICE, PHOENIX, ARIZONA

CAPITAL STOCK 1,500,000 SHARES---PAR \$1.00

OWNERS SHARE 700,000

TREASURY 800,000

Phoenix, Arizona, February 22, 1917.

MAIN OFFICE
PHOENIX, ARIZONA

Mr. Wm. E. Defty,
Phoenix, Arizona.

Dear Sir:

We hand you herewith copy of our literature, a careful reading of which will convince you that Chloride X-Ray stock offers a first class chance for speculative profits when the tunnel we are now driving progresses to the point outlined, and our proven ore bodies are greatly enlarged.

We are operating the mine in the advanced development stage, following closely the recommendations of the well known mining engineers, Ricketts & Banks, New York City, with the assurance that the company is in an ideal position for the quick development of a very large mine.

Those who subscribe to the present offering of 250,000 shares can do so with the knowledge that this is the only stock issue which will be offered for public subscription until later on when the company may find it advisable to erect its own mill, and with the knowledge that all owners' and promotion stock is pooled and cannot be released except by permission of the Arizona Corporation Commission, under their new rulings for the protection of those investing in Arizona Mining ventures.

The work at the mine is progressing rapidly under the supervision of John Spargo, our mine manager, the affairs of the company are in first class financial condition, and with our well known board of directors, the location of our mine in a proven district, and the other splendid reasons outlined in the literature enclosed, an investment in Chloride X-Ray stock should prove profitable.

The enclosed subscription blank is for your convenience in subscribing for a block of this stock, at 25¢ per share and we trust we can count you one of our stockholders.

Very truly yours,

CHLORIDE X-RAY MINING COMPANY,

By-

A. W. Galpin
Secretary.

AWG/O

RICKETTS & BANKS,
Mining Metallurgical and Chemical Engineers,
104 John St.
Pierre De. P. Ricketts, Ph. D.

John H. Banks, E. M. Ph. D.

New York, October 9th, 1908.

REPORT ON

The MARIETTA AND ADJOINING GROUP OF CLAIMS, near CHLORIDE, ARIZONA.

Property.

This comprises a group of six mining claims as follows: MARIETTA, DARWIN, HENRIETTA, NOONDAY, X RAY, and X RAY FRACTION. Each claim is 1,500 x 600 ft. in area excepting the last named which is 800 x 600 ft. in area. These claims cover a portion of a system of veins carrying gold, silver and lead.

LOCATION.

The claims are situated in the foothills of the mountains and are about two and one half miles by wagon road east of the village of CHLORIDE, MOHAVE COUNTY, ARIZONA, the terminus of a branch of the Santa Fe Railroad system which extends twenty-five miles north of Kingman, a town and station on the main line.

TOPOGRAPHY.

The mean altitude of this group of claims is about 1,000 ft. above CHLORIDE which latter is about 4,000 ft. above sea level. In the gulches water flows above surface at bed rock all the year round.

GEOLOGY.

The rock formation underlying the claim consists mainly of dark colored granite and quartz porphyry.

VEINS.

The vein covered by the MARIETTA and DARWIN claims out-crops on the southeast hillside and has been traced about a thousand feet. This vein occurs in the granite and presents the features of a fissure vein with "gouge" and "slickensides" It varies in thickness from 1 ft. to 4 ft. between the walls and shows pay streaks of several inches to 2-1/4 ft. At the northwest end of the present workings, the total width of vein is 3 to 4 ft. between walls. At the summit of the hill within the MARIETTA claims, there is a vein about 50 ft. southwest of the MARIETTA vein, where exposed by an open cut it is 2 ft. in thickness. It converges toward the MARIETTA vein, and is probably a branch of that vein. The NOONDAY claim is located upon a vein which is about 1 ft. in thickness. This vein converges toward MARIETTA vein and is probably also a branch of that vein.

Another vein is covered by X RAY claims and out-crops boldly on the hillside of the MARIETTA vein. This vein is traceable for a considerable distance and is about 11-1/2 ft. where exposed by a surface crosscut and tunnel near the middle of the X RAY claims. The vein covered by the X RAY Fraction claim is about 1 ft. in thickness where opened by a pit. Its trend is east and west. The vein covered by the Henrietta claim is about 1 to 2 ft. in thickness.

DEVELOPEMENTS .

The Marietta vein has been opened as follows; at the foot of the hill near the southeast end of the claims there is a tunnel in 50 ft. called the lower tunnel. About 180 ft. above the floor of lower tunnel another tunnel has been driven 170 ft. called the middle tunnel. At about 120 ft. from the mouth of this tunnel there is a winze 6 ft. in depth. 150 ft. from the mouth of this tunnel there is a winze 15 ft. in depth. Above the winze an uprise extends to the upper tunnel. About 30 ft. above the floor of the middle tunnel, there is a tunnel (the upper) about 70 ft. in. At about 55 ft. from the mouth of this tunnel a shaft extends to the surfaces. The X Ray vein has been opened near the middle of the claims by a shaft 25 ft. deep. Fifty feet northwest of this shaft there is

a surface crosscut 20 ft. in length connecting with a crosscut tunnel 11 ft. in length. These openings have intersected the vein showing it to be 11-1/2 ft. in thickness. Other developments are discovery pits about ten feet in depth on the DARWIN, NOONDAY, X RAY FRACTION, and HENRIETTA claims.

SAMPLES AND ASSAYS.

A large number of average samples were taken from the vein exposures in the Marietta and X Ray workings. These samples were combined in proper proportions for assay, and a description of them and the results obtained are as follows:

WHERE TAKEN.	GOLD Val. per ton	SILVER Val. per ton.	LEAD percentage.
Middle tunnel, 20, 40 & 60 ft. from mouth	\$16.95	\$1.82	4.55
Middle tunnel upraise	17.36	3.28	6.13
Upper tunnel roof northwest heading	18.60	4.94	5.13
Upper tunnel roof and top upraise	9.09	3.07	4.68
Upper tunnel stope, 20 ft. from mouth	13.23	1.99	3.13

The concentration test on ore from the winze and upraise crushed to 10 mesh size, produced 11% of concentrates and having an assay value of gold \$14.47, Silver \$6.78 and lead 19.55%. As development extends to greater distance from the surface the percentage of concentrates from the ore will no doubt steadily increase.

ORE SUPPLY.

There is a block of ore in the Marietta vein 2 ft. in thickness as determined by the middle tunnel, shaft, upraise and winze, which we estimate at about 1700 tons net in sight, of a quality represented by the samples taken. It is probably that the extension of the lower and middle tunnels to immediately below the ridge and connecting them with the surface upraise WILL OPEN UP A LARGE ADDITION QUANTITY OF ORE.

No appreciable quantity of ore can be estimated at present in the X Ray owing to limited development. THE VEIN IS A LARGE ONE, WITH PROMISING INDICATIONS FOR ORE IN LARGE QUANTITY.

TRANSPORTATION.

A good wagon road extends from Chloride to the Marietta claims, thence a pack trail to the workings. It is proposed to continue the wagon road direct to the mine; when this is done the cost of hauling from the railroad will not exceed \$1.50 per ton to the lower tunnel.

CONCLUSIONS.

In the absence of actual details of cost we will assume that the mine has been sufficiently developed and an adequate quantity of ore blocked out to warrant the installation of a mill which should have capacity of certainly tens 30 tons of ore per 24 hours.

2; The topographical features are exceedingly favorable to mining at a comparatively low cost.

3; The geological conditions are favorable to the continuation of the veins in depth.

4; The Marietta vein is of medium thickness and the nearly vertical position reduces the quantity of timber necessary for the support of the walls etc. to a minimum. The value of ore as determined by the assays of a large number of representative samples, indicates a fair profit above cost of operating.

There is a block of ore now available for stoping, and the prospect of continuous ore supply is promising.

5; Conditions indicate that the X Ray vein will be of considerable thickness and show a good grade of ore in the hanging wall portion.

Finally, we are of the opinion that the property presents a favorable showing to the extent of the present development, and we advise the expenditure necessary to extend the tunnels, shaft, etc., in order to determine the character and value of the veins at greater depth, and to make place a large supply of pay ore "in sight."

Respectfully submitted,

RICKETTS & BANKS.

OFFICERS and DIRECTORS
THOS. A. BARKER, President
SMITH CHITTICK, Vice President
WM. H. MANN, Treasurer
A. W. GALPIN, Secretary
JOHN SPARGO, Mine Manager

Mines at
CHLORIDE, ARIZONA
Main Office
PHOENIX, ARIZONA

INCORPORATED IN ARIZONA

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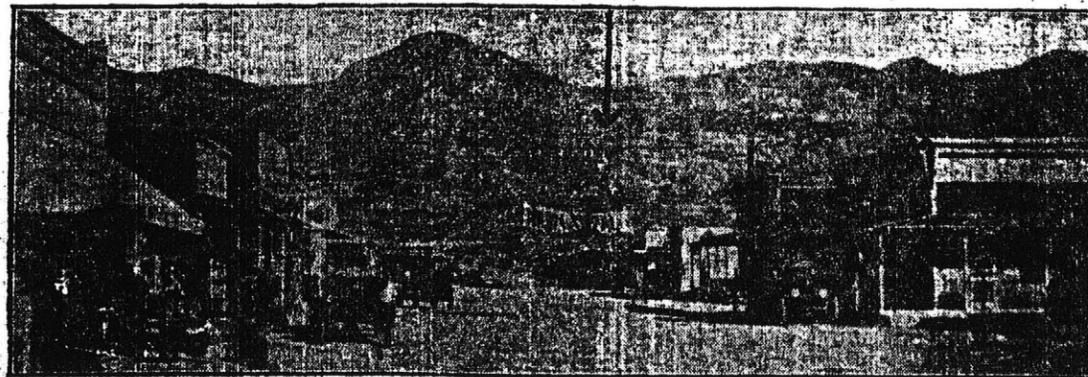
COUNSEL
ALEXANDER & CHRISTY
Phoenix
MINING ENGINEERS
RICKETTS & BANKS, New York
W. E. DEFTY, Phoenix

THE CHLORIDE X-RAY MINING COMPANY

OWNERS, 700,000 SHARES

CAPITAL STOCK 1,500,000 SHARES — PAR \$1.00

TREASURY, 800,000 SHARES



The Chloride X-Ray Mining Company bears the distinction of being the first Arizona Mining Company to offer the public a chance to subscribe to its stock under the new rulings of the Arizona Corporation Commission, under which rulings the owners must do active mining with the money raised before they can make a profit from the sale of their individual stock.

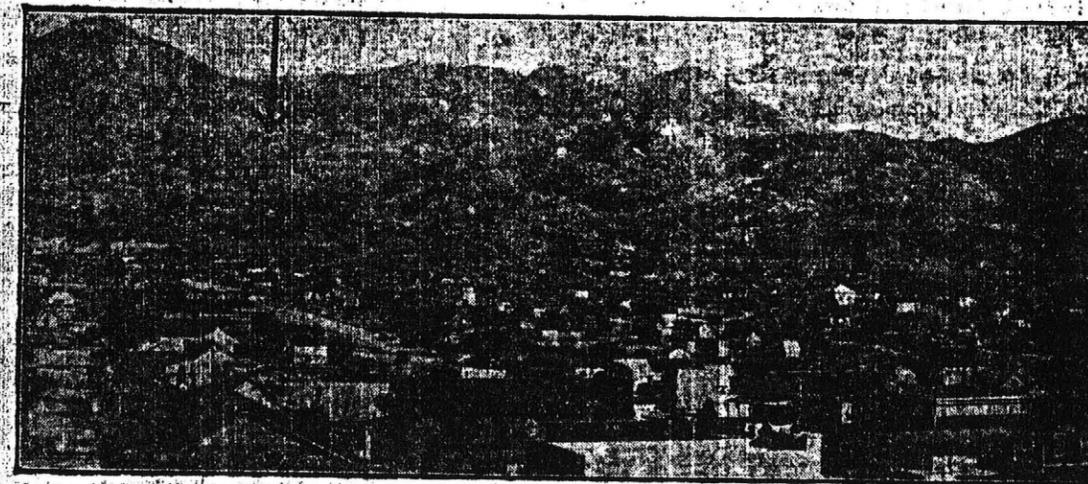
Before this company secured its permit under the new stringent rulings for the protection of those investing in Arizona mining ventures it was able to show the commission—

- (1) That its property was fully paid for;
- (2) That the company was free of all indebtedness;
- (3) That all owners' stock was pooled until such time as the commission saw fit to release it;
- (4) That the company was an active, operating mining company, doing real mining in a proven mine in a proven mining district;
- (5) That a report on the property from competent mining engineers recommended the same as being well worthy of expending the amount of money to be asked for;
- (6) That \$15,000.00 had been expended in exploration and development work;
- (7) That the present management had finished 115 feet of new work recently, and that all of this work was in pay ore; and
- (8) That the mine was being operated under the direct management of John Spargo, an experienced Mine Manager.

The company has on file a mining report of Ricketts & Banks, New York City, covering their examination of the claims before the present company took the same over, and recommendations and suggestions for future work made by W. E. Defty of Phoenix, Arizona, made since the present new work was completed by us.

SINCE Ricketts & Banks made their recommendations, the lower tunnel has been extended 375 feet, opening up a large body of ore exactly in accordance with their report.

The present contract let by the company is for the extension of this tunnel another 300 feet, or to a point where it is expected to intersect the X-Ray vein, by which time we will have very large tonnage blocked out.



The company has a permit from the Corporation Commission for the sale of 250,000 shares of its treasury stock at 25c, for the purpose of immediately equipping the mine with necessary machinery, including electric hoist, compressor, air drills, etc., in order to expedite the sinking of the shafts, drifting, and blocking out of ore in the tunnels.

Further, it is intended to list our stock on the New York Curb immediately after this issue is fully subscribed, thus giving our stockholders a chance to realize speculative profits, or to hold the stock as a permanent investment.

THE CHLORIDE X-RAY MINING COMPANY

A. W. GALPIN, Secretary

NOTE: ADDRESS ALL COMMUNICATIONS TO OUR MAIN OFFICE, 33 NORTH FIRST AVENUE, PHOENIX, ARIZONA.