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05/01/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: LUCKY LEAD

ALTERNATE NAMES:

SOUTHERN CROSS
LEAD CAMP

LA PAZ COUNTY MILS NUMBER: 333

LOCATION: TOWNSHIP 5 N RANGE 17 W SECTION 16 QUARTER NW
LATITUDE: N 33DEG 46MIN 51SEC LONGITUDE: W 114DEG 02MIN 12SEC
TOPO MAP NAME: BOUSE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
SILVER
ZINC
COPPER
GOLD LODE
IRON

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 171
ADMMR LUCKY LEAD FILE
USGS BULL 451, P 90
ADMMR NORTHERN YUMA AREA MINES
SCARBOROUGH, ROBERT (ADMMR GEOLOGY FILE)

LUCKY LEAD MINE

LA PAZ COUNTY
T5N R17W Sec 9, 16

MILS Yuma Index #333 (Southern Cross)

USGS Bull. 451 p. 90

ABM Bull. 192 p. 171

Northern Yuma Area Mines (file)

Geology Report - Scarborough, Robert, "Field Trip to Northern Plomosa Mtns."

LUCKY LEAD

YUMA

Dan Patch (Black Mountain Group file in Yuma Co.) found several veins of very high-grade barite about 2 miles south of the old Southern Cross mine which is in Sec. 16, T5N R17W. This deposit is under lease to the Cathay Mining Co., L.A. who have done considerable dozing and geochemical sampling and will start drilling soon. GW WR 9/23/76

*(over 2000' of drilling has been done
in 1976 on Black Mt. group)
D.P. 6/17/77*

ENGINEERS EXAMINATION

LOUNT, S. D.,
5681 Keith Ave.,
Oakland, California.

WANTS examination by engineer on ~~property~~ W. B. LOUNT property
formerly known as the ENTERPRISE MINE, near Bouse.

ERAL RESOURCES
rizona
Fairgrounds
RIZONA



On March 20-8
Not At This Address
Mr. A.E. Boehme
~~1125 N. Sutter~~
Stockton 18, Calif.



ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

October 24, 1958

To the Owner or Operator of the Arizona Mining Property named below:

LUCKY LEAD (Yuma)
(Property)

lead

(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Lount Mine (Enterprise).

Date January 9, 1940.

District Plomoso Dist., Yuma County.

Engineer Elgin B. Holt.

Subject:

SYNOPSIS REPORT

LOCATION^N & AREA: Property located in the Plomoso District, Yuma County, about 15 miles southerly from Bouse. Area, 5 patented claims.

OWNER: ✓ S. D. Lount, 5681 Keith Avenue, Oakland, Calif.

EXAMINATION: I visited this property on January 9, 1940, in company with Herbert W. Howard, who knows the mine and its history fairly well. Unfortunately, at the time I looked the mine over, I had no reports or any data whatever as to assays, ore shipments, etc. Hence, I could not form any opinion at all as to the value of ore exposed in the vein.

HISTORY: The property is said to have been worked by a French Company during the 1830's or 1840's. This company worked various mines in this general region, especially in the vicinity of Quartzite. The property was also worked by various ~~mines, etc., etc., etc., etc.~~ owners from 12 to 30 years ago, and it is said some ore was shipped to smelters from property; but value of these shipments as well as the tonnage thereof was not available.

DEV. WORK: Consists of an ancient surface stope about 100 feet in length on vein, ranging in width from 4 to 6 feet; said stope reaching a depth of 40 feet, as near as could be determined. Vein occurs within a narrow leaf of limestone, surrounded on all sides by intrusive dikes and other igneous rocks; but time at my disposal did not permit of a detailed study of these formations. An inclined timbered shaft was sunk years ago on vein at a point 150 feet North 22 degrees East of the end of the surface stope mentioned. Mr. Howard estimated the depth of this shaft at 200 feet. The said shaft is in good condition at the present time, except the ladders have been removed and would have to be replaced before the mine could be examined.

RECOMMENDATIONS: The only opinion that could be formed of property is as follows: The vein is a well defined fissure, from which evidently several cars of ore have been mined and shipped. Character of ore consists of brecciated limestone, with seams and bunches of calcite and quartz, cemented together with Crysocholla, or copper silicate. The ore also contains gold, silver and lead. I recommend that owner have property sampled by a competent engineer, with a view to determining whether there is any commercial ore exposed in the stope mentioned as well as in the shaft; that if this sampling is satisfactory, I further recommend that the shaft should be reconditioned and that a drift be run from the bottom thereof on vein from 150 to 200 feet, in a south-southwesterly direction in order to prospect the vein under the stope referred to. This work may result in the discovery of commercial ore in quantity.

1 November 1940

Mr. R. W. Bell,
1336 Rimpau Boulevard,
Los Angeles, California.

My dear Mr. Bell:

Complying with request contained in your letter of October 30, I am enclosing herewith a copy of a report made by Mr. Elgin B. Holt on the LOUNT MINE (Enterprise), located in the Plomoso Mining District, Yuma County, Arizona.

Trusting that this report may be helpful to you, I am

Yours very truly,

J. S. Coupal
Director

JSC jrf
encs.

1336 Rimpau Blvd.,
Los Angeles, Calif.
Oct. 30th, 1940.

Arizona Mineral Resources Board,
Phoenix, Ariz.

Gentlemen:

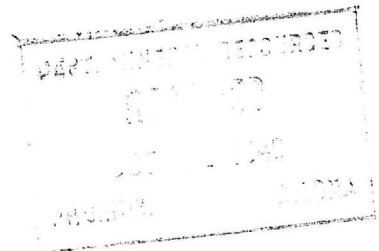
I would like to have a copy of the report made by your engineer covering the Enterprise group of patented mining claims owned by Mrs. W.B. Lount. These claims are located in the northern part of Yuma County in the old "Lead Camp" about 11 miles southwest of Bouse. They are patented under U.S. Mineral Surveys #3184 & #3185. There is an incline shaft about 200 feet deep and other old workings.

I trust the above will serve to identify the property in question. Mrs. Lount advised me that a report had been made by your engineer.

Yours truly,



R.W. Bell



23 April 1940

Mr. G. J. Burnette,
Hotel St. Michael,
Prescott, Arizona.

Dear Sir:

Replying to your letter of April 22, I am enclosing herewith a Synopsis Report made on Mrs. W. B. Lounts' property, which was formerly the Enterprise Mine.

Yours very truly,

J. S. Coupal
Director

JSC-jrf

encl.

31 January 1940

Mr. S. D. Lount,
5681 Keith Avenue,
Oakland, California.

Dear Mr. Lount:

I am enclosing herewith a copy of Synopsis Report on the Lount Mine in the Plomoso District, Yuma County, Arizona, as made by Mr. Elgin B. Holt, Field Engineer of the Department of Mineral Resources.

I trust that the information contained in this report may be helpful to you.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

encl.

Hotel St. Michael

PRESCOTT, ARIZONA

4/27/40

Department of Mineral Resources,
Capitol Bldg,
Phoenix, Ariz.

Gentlemen:-

Would you kindly give me whole
information you have on the property
known as the Copper Queen Mine,
12 miles east of Bouse City & there
are either 7 or 11 patented claims,
& are owned by Mrs. W. B. Loomis &

Any information you have would
be greatly appreciated &

Yours very truly

J. J. Burnett
Hotel St. Michael
Prescott Arizona

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

FILED

JUL 25 1966

Mine Southern Cross Claims
(including Gladys Q group) (ms 3184)

Date June 27, 1966

District Plomosa District, Yuma County

Engineer Lewis A. Smith

Subject: Conference with Mrs. Ida K. and C. T. Griffin, Quartzsite, 6-15-66

Southern Cross Claims: These claims were held by L. A. Applington until his death over a year ago. They are now held by Mr. and Mrs. Griffin. Griffin married Mrs. Applington a short time ago. The claims are in Secs. 9 & 16, T. 5N., R. 15W.

Gladys Q Group: Bouse District

Property: Several claims patented under M. S. 3135, 3184, 3185, Dec. 6, 1948

Owners: C. T. Griffin and Ida K. Griffin, Quartzsite, Ariz. (Formerly held by Ida K. and L. A. Applington of Quartzsite).

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Lucky Lead
District Plomosa
Subject: Report

Date April 13th 1948

Engineer A.C. Nebeker

PROPERTY:

This property consisting of 6 lode claims, was once known as the Southern Cross and later as the Lead Camp. It is 10 miles by air south of Bouse, Ariz. and 13 miles by road. The road is now rough but could be made a very good road at little cost. ✓

The property is owned by A.E. Boehme and C.D. Brewer. Mr Boehme address 1125 N. Sutter, Stockton 18, Calif.

GEOLOGY:

The formation is made up of limestone, quartzite(?), porphyry, gneiss, and small plug of diabase, and some small faults are noticable. The fissures have a general N.E. and S.W. strike with steep dips. One of the main fissures has N.W. and S. E. strike with an 80 degree N.W. dip. ✓

The ores are a lead carbonate (cerussite), galena (sulphide) making in the fissure in places and as pods in the lime at other points. All exposed lenses so far are of small dimension.

DEVELOPMENT:

There has been many surface cuts and drifts made and 6 shafts sunk to the depth of 25 ft. 38 ft, 40 ft, 60 ft up to 200 ft. these shafts not accessible but the dumps of some show that a small amount of ore must have been taken out. The cuts out in the lime, some show small pods of good ore, showing no lead as where the ore came from, or where it may go down.

The work done up to date proves nothing, other than the property is still a prospect.

There is no equipment on the property and water is to be developed some miles away.

Remarks:

The owner furnishes his report showing map of claims and a few assays to go along with this report.

A.C. Nebeker E24

USGS Bull. 451, p. 90

Lucky Lead Mine

Sec. 9+16, T. 5N., R. 16W.

Yuma County

reference: Arizona Dept. of Mineral Resources
Lucky Lead Yuma (file)

present owner:

DAN Patch

P.O. Box 124

Quartzsite Az.

Ph. (602) 927 6577

85346

6/12/77

past owners: W.B. Lorent

Phoenix, Az.

J.L. Sheppard

A.E. Boehme and C.D. Brewer

1125 N. Sutter, Stockton, Cal.

history of the mine:

The first development of this area was in 1870. This property was known as the Southern Cross and then later as Lead Camp. The Lead Camp was owned and developed by J.L. Sheppard between 1914-18. From 1918 only assay work was carried out. In 1947 development was started by Boehme and Brewer. Work on the property through 1948 was such that the property was still just a prospect. The claims were held by L.A. Aplington for awhile and then by Mr. and Mrs. Griffin in 1966. In 1976 several veins of high grade barite were found about 2 miles south of this area. Now known as Hidden Valley + Sunset Mines owned by Dan Patch. There are many veins and Patch has assays maps etc.

Lucky Lead (cont.)

geology of the area:

the formation is made up of limestone, quartzite, porphyry, gneiss, and a small plug of diabase. There are several small faults. The fissures generally strike NE-SW with steep dips.

ore:

the ores are cerussite and galena. all exposed lenses are of small dimensions

assay: (1931)

\$12.40 gold	} per ton
\$2.00 lead	

From 1949 thru 1959 L.A. APLINGTON (owner then)

shipped ore to A.S.A.R.CO. EL PASO TX.

Phoenix, Arizona
October 8, 1931

Mrs. W.B. Lount,
Phoenix, Arizona

My dear Mrs. Lount:

As requested by you, I have made an examination of your group of claims located southeast of Bouse in Yuma County, Arizona, and herewith submit my report upon these claims.

A sketch map showing the location of the claims and the development on them together with the principle veins and such development as could be found and examined, is shown on this plat. In this group of patented mining claims, 6 of them lie adjacent, the seventh claim being $2\frac{1}{2}$ miles westerly and to which a mountain road leads which is hardly passable for automobiles or trucks.

All of the machinery and equipment that had been placed on these claims during their former period of operation has been removed and there is now nothing left on the claims except the old shafts and drifts, some of which may be of value in the future development of the property.

Yours very truly,


Mining Engineer.

REPORT OF THE MINING CLAIMS OWNED BY

W. B. LOUNT ESTATE

POLOMAS MINING DISTRICT NEAR

BOUSE, YUMA COUNTY - - ARIZONA

* * *

Description

The property examined consists of a group of 6 patented lode mining claims known as the Copper King, Mountain Maid, Victor, Kathryn, Francisco and Jewell and a seventh claim known as the Gladys O lying about $2\frac{1}{2}$ miles away and bearing N 75° W from the Copper King. These claims are shown in their relative location on the attached plat.

Near this group of claims is a good water well which is used by the mining claims for all purposes. Water is pumped to the camp from this well a distance of about four miles.

Location

This group of mining claims is located in the N. end of the Polomas mountains and the area is referred to as the Polomas mining district. It was at one time called Lead Camp and is so referred to in U.S.G.S. bulletin No. 451.

This camp is about 12 miles SE of the little town of Bouse in Yuma County, Arizona and a station on the Santa Fe Railroad. It is reached by a fairly good desert road which leads from the main Phoenix to Los Angeles highway at or near the station of Utting on the Santa Fe. This road is marked by a sign of the Southern Cross mine lying adjacent to these claims. It is about $8\frac{1}{2}$ miles east of Bouse and turning South a distance of about 9 miles reaches the property, a total of $17\frac{1}{2}$ miles by road from Bouse. The nearest shipping point is the station at Utting which is about

W.B. Lount claims, cont'd.

10 miles from the mine.

Geology

These claims lie in the foot hills on the northern edge or slope of the Polomas mountains which reach an elevation of 1400 to 2300 feet above sea level. The exposed rocks show a rather complex system of igneous, intrusives such as rhyolites, porphory, diabase, etc., throughout which occurs an abundance of limestone which has been greatly disturbed and altered by the intrusives. The original intrusive rocks are apparently the rhyolites which form the great mass of the mountainous uplift and are cutting the limestones.

There is also a system of diabase dykes in the area probably secondary to the rhyolite which occur in great numbers and seem to follow the original faulting and fracturing of the older rocks. These dykes are usually filling the fissures between the rhyolites and the limestones and also cutting these older rocks which forms a dual system of faults or fissures which compose the principle vein system of the district. There is also found in the larger masses of limestone, small fissure veins which carry values in lead and silver.

The veins observed are principally contacts between rhyolites and limestones and the diabase dykes. These veins are generally thin and irregular ranging from a few inches to about 4 feet in thickness. The wider veins being on the limestone contacts and in which occur the richest lead and silver ores.

The mineralization of these veins is characteristically the oxides of iron, copper and lead which carry gold and silver in varying quantities.

W.B. Lount claims, cont'd.

The wide variation of the mineral content in the veins is possibly due to the differences in the wall rocks forming the veins.

The character of rocks found in this area usually form the basic depository for the minerals of iron, copper and lead, carrying silver and gold which ^{accounts} ~~are~~ for the abundant mineralization.

Development

The first development of these claims and in this area was about the year 1870 and it is reported that from this early development valuable lead and silver and gold ores were mined and shipped to the coast for export. The old workings and the present development shows that a small quantity of high grade ores may have been produced and shipped from some of these claims as there is much evidence of considerable mining activity in the past and some of the old dumps show the residue and waste from sorting and high grading which still has good mineral values.

The Copper King Claim has the greatest amount of development and from which most of the ores have been taken. On this claim occurs a large diabase dyke which is cutting both the rhyolites and the limestones and forms the foot wall of the vein which is from $1\frac{1}{2}$ to 3 feet wide. This vein and dyke can be traced across both the Copper King and Mountain Maid claims. A shaft was sunk on the north end of the Mountain Maid claim to a depth of about 40 feet which shows some lead ore but no sample was taken as the vein was not sufficiently developed.

From a small open cut on a vein in limestone on this claim but about 300 feet up the mountain side from the shaft, a sample was taken across a 4 foot face in an open cut, 12 inches of which showed good lead ore which ran 7% in lead with small values of gold and silver ore.

W.B. Lount claims, con'td.

The first mining on the Copper King was evidently the open cut near the south end which was driven into the hillside about 80 feet where a shaft was sunk on the vein to a depth of about 200 feet on an incline of 62°. This shaft is not in good condition and is not usable for a hoist shaft as it follows the vein and is quite crooked. A considerable quantity of ore was taken from this shaft by hand windlass and ore bucket as no other hoisting machinery was ever placed on it. This shaft could not be entered more than a few feet from the top but 2 samples were taken from across the 5 feet of exposed vein matter which showed 3 feet of good ore in the vein and gave averaged values of \$5 per ton in lead, copper and gold.

The later development on this claim was the sinking of a 2 compartment 4ft. by 8½ foot shaft sunk on the same vein to a depth of about 250 feet on an incline of 58°. This shaft is well timbered and in fairly good condition. It was entered and examined and at the 35 foot level a short stope or drift has been driven north on the vein about 15 feet. A sample was taken from across a 4 foot face in the drift 1½ feet of which was good ore and which showed lead and gold values of \$8 per ton.

The material from this drift had been thrown down the shaft practically filling the 2 small drifts at the bottom which could not be entered.

A sample was taken from across the vein at the surface near this shaft which showed values of \$12.40 in gold and about \$2 in lead per ton. The values shown by the samples from the Copper King, while not high, show the presence of valuable mineral which further development may uncover and lead to the development of larger bodies of commercial ore.

The Victor claim has some development on it which consists principally of a 50 foot shaft, a tunnel 80 feet long and a tunnel 20 feet in length.

W.B. Lount claims, Cont'd.

The veins on which this work was done are contacts between the rhyolites and diabase which forms the foot walls. No ores of any commercial value or quantities were found on these veins.

On the Jewell claims near the south end are 2 old shafts sunk to a depth of 30 to 40 feet on a fissure vein in limestone but apparently no drifting or other development was done on this vein which is about 3 feet wide and shows good lead ore. A sample was taken from across the vein at these shafts and showed gold values of \$6.30 per ton, 7 ounces of silver and 16% lead. Further development of this claim may uncover a large body of valuable mineral.

A diabase dyke in contact with the limestone can be traced across the Jewell and Francisco claims but the only development on this vein is a 12 foot shaft sunk on the Francisco claim as location or assessment work and shows no valuable ores of any consequence.

The Kathryn claim has no development other than the location or assessment work in a shaft of 7 foot depth.

The Gladys O claim has no development on it other than the location and assessment work which is on a contact vein of limestone and a stratum of decomposed rock which carries several veins of gypsum. No ore or minerals of any value were found on this claim.

Conclusion

This property is located in a area that is highly mineralized and shows good values and copper, lead, silver and gold. It is easy of access and offers no unusual problems to the mine operator other than doing the necessary development work to open up the ore bodies and while the veins are comparatively thin, the values found in them are very good and mining operations by selective mining and sorting the ore for shipment will undoubtedly produce some really

W.B. Lount claims, Cont'd.

high grade ore.

There is at present no mining equipment on the property that is of any value with the exception of the 2 compartment shaft on the Copper King claim which can be used for further development of the veins occurring on this claim.

Respectfully Submitted

A handwritten signature in dark ink, appearing to read 'W.B. Lount', written in a cursive style.

Mining Engineer

10 8 31



Prospectus

of.

Lucky Lead Claims

Bouse, Ariz.

by

Albert E. Boehme.

Description of Lucky Lead Property
Bouse, Arizona

This property originally known as the 'Southern Cross' and later as the 'Lead Camp' was owned and developed by J.L. Sheppard M. E. between 1914-18. Approximately \$150 000 was spent on initial developement and the property worked for its highgrade lead ores during this and preceeding periods. From 1918 on only asesment work was undertaken, but in 1947 developement started by Boehme and Brewer, the present owners in the form of roadwork, clearing of shafts and drifts, sampling and general exploration.

It is now known as the Lucky Lead and consists of 6 mineral claims running 4500 ft N 26°W by S. 64° W and contain 120 acres. It is located in northern Yuma Co. Arizona, 10 Mi south of Bouse, a station on the Santa Fe Rywy. Situated on the N. slope of the Plomosa Mountains, it is reached from Bouse by a 13 Mi. wagon rd. The road grade is very gradual, rising from an elevation of 940 feet at Bouse to 1400 feet at shaft No 1.

The hills on the property are barren and form a ridge roughly running through the center of the property from N. to S. The country rock are limestone, gneiss and rhyolite and are solid enough to require no timbering, as proven by present workings. needed timber can be obtained at Parker, or shipped in from central Arizona or California.

Water and electric power can be obtained in unlimited quantities in Bouse. Or water can be developed in an old well 4 Mi. N. of the property. It is reported to be pure and free from alkali, but at present filled with stones and sticks that were dropped in it, its waterlevel is at 200 feet. There is a strong possibility that the same underground flow could hit at another location much closer to the property.

Labor in limited quantities can be obtained locally or in adjoining towns.

The main vein varies in width from 1 - 16 feet and can be traced accross the property in a NW. SE. direction. The lead occurs as steelgray galena and cerrusite mixed with varying amounts of zinc, silver and gold. The gangue is chiefly limestone. 5 shafts

two drifts and 16 open cuts and prospect holes comprise the exploration work to date. Approximately 1500 tons of ore are piled in dumps by these workings. The ore is millrun and assays taken from ore dumps, shaft facings and open cuts vary from \$ 8.92 to \$ 117.21 (assay returns attached). Ore in sight is estimated at about 100,000 tons (mean computation of estimates made by Mr. Charles Milton and Chris Thompson, mining engineers at Bouse and four old time ~~pro~~ prospectors who have been familiar with the property for many years. The following are detailed descriptions of the development work (numbers correspond to numbers on map).

Shaft 1: 8 by 16 ft opening, 200 ft deep vertical, 50 ft level containing 2 drifts A: 50 ft SE. to small stope and B: 40 ft SW. toward shaft No 2. In drift A vein is exposed the entire length and approx. 16 ft at its widest point. Cut sample gives value of \$ 117.21 and is a Pyromorphite ore. Shaft has a dump of about 350 tons and grab sample taken by Mr. Beck M.E. assayed \$ 8.92 per ton. Shaft is not timbered but solid. Bottom of shaft not explored.

Shaft 2: 6 by 8 ft opening. 30 ft deep vertical. Drift extending SE. on vein, which is 3 ft on top and widens toward bottom. Ore dump contains 75 tons.

Shaft 5: 6 by 10 ft opening 38 ft deep vertical, vein 2 ft on top and widens to shaft width at bottom, no drifts. Dump contains approx. 40 tons.

Shaft 10: 6 by 10 ft opening, 60 ft deep vertical, no drifts A vein of rose quartz intrudes in the porphyry and extends from top to bottom. Dump approx. 150 tons.

Shaft 16: 10 by 10 ft opening, 40 ft deep vertical with downward sloping drift in SE direction. Vein exposed on both sides of shaft approx 4 ft wide. Dump approx. 75 tons.

Drift 11: Size 7 by 5 ft. running S 64°W. for 300 ft. It cuts across a vein 8 ft wide 100 ft in. A second vein in cut at 150 ft in it is 5 ft wide and a 4 by 6 ft drift follows this vein in a SE direction at right angle with the main drift for about 60 ft. At 220 ft in the main drift cuts across a 12 ft vein which seems to be the continuation of the vein worked on cut No 8. The drift ends 300 ft in, in country rock. Dump approx 350 tons.

Drift 9: Exploratory runs EW exposing 12 ft vein. Dump 20 tons high grade ore.

Drift 13: Exploratory running in vein for 8 ft in a S SE direction.

Drift 15: Exploratory running in N NW direction cutting along same formation as No 13. But 50 ft lower on S side of same hill spur.

Drift 18: Size 4 by 8, running 250 ft N 64° E. It runs through rose quartz and hematite formations. Good indication for gold and Quicksilver present. Dump approx. 250 ton grab sample of which showed traces of Uranium, and values of gold and silver of about \$ 2.00 per ton.

Open cut 3: Exposing vein carrying, lead, silver and copper.

Open cut 4: Exposing 4 ft vein of lead ore similar to No 5

Open cut 6: do

Open cut 7: do

Open cut 8: 25 ft long from 3 to 8 ft wide, stoped, 30 ft deep. Dip of cut 90° and strike NW SE same type vein as No 7 seems to have been worked here. Dump approx 100 tons lead ore assayed at 23.75. It seems to be same vein that drift No 11 cuts.

Open cut 12: 8 ft by 30 ft long, partially filled by erosion. Approx. 5 tons of cobbled ore on dump.

Open cuts 20, 21, 22: Vein of 12 ft width exposed, ore from this on dump about 30 tons, assayed from 32.04 to 42.04. Other dump approx 100 ton milling ore

Open cut 19: Old prospector hole exposing similar vein as No 20/

Open cut 17: Old prospector hole. 4 by 6 ft. 5 ft deep exposing hematite vein 4 ft wide. Very red in color.

Shaft 23: 6 by 8 ft opening, 25 ft deep vertical, sunk in vein. This ore is the same as Nos.: 20, 21, 22, 4, 5, 6, 7, 8, 12, 19 and 16.

Geology

Taken from Bulletin No 451, Dept of the Int., U.S. Geological Survey by Bancroft, 'Reconnaissance of ore deposits in northern Yuma Co. Ariz' 1911.

This property is about 9 Mi. due S from Bouse, and is in the northern part of the Plomosa range. 1 Mi NE of Ibez mountain, at an elev. of 1400 ft, being somewhat higher than the town of Bouse, with which it is connected by a fair wagon road. The property has not been productive recently, the last shipment having been made several years ago. This is reported to have been of 3700 lbs, which carried \$ 10.00 in Gold to the ton and 45 % lead, mainly in the form of the carbonate. The development on the property are only of a prospecting nature and consists mainly of superficial exploration with open cuts and shallow shaft.

The rock in which the vein occurs resembles a silicified Rhyolite which has the appearance of antedating the Tertiary lavas found in other parts of the area, and is composed of the main constituents silica and feldspar. This rock is reddish or pinkish in color and felsitic in texture, the altered feldspar being the only distinct phenocrysts visible, and it is possibly a recrystallized sediment. Intruded in the siliceous formation are diabase dikes of uncertain relation to the ore body, it being impossible to determine if they cut the orebody or not. West of the camp limestone caps the older basal gneiss formations and is probably older than the rock which resembles rhyolite. The limestone is apparently continuous with that seen in the vicinity of the Iron mine, and is perhaps persistent throughout the lower part of the Plomosa Mountains. The limestone noted on the north part of the road between Guadeloupe and Vicksburg might well be part of the same formation. Just west of the camp the Limestone seems to be intimately associated with a white, fine grained quartz-feldspar rock, and the general appearance of the two points to the conclusion that the limestone has been intruded by this rock. Microscopic study of thin sections of this rock shows that it is in all probability of clastic origin and has resulted from erosion of a granite, contemporaneous

Deposition of this of this material and the limestone havin propably taken place. A short distance from the old workings in a SW direction the vein cuts accross the limestone, and elsewhere is in the silicified type of rock.

The deposit seems to be a true fissure vein, as exposed on the surface in the lower opening, Strikes N 80° E and stands almost vertically. It is about 12 inches wide and is filled with a gangueof quartz, which is slightly mineralized by chrysocolla, malachite and iron oxides. A short distance away and in the upper workings and in a shallow shaft a vein apparently strikes S 15° E and dips a little NE. , standing almost perpendicular. Farther SW galena is found along the outcrop of the vein.

All the forgoing discriptions of the property point towards a very bright and proffitable future, if handled competently. May we point out that modern machinery, handling and transportation- methods have overcome the difficulties of former operations, and that the outlook for continued high prices in basic metals is very favorable.

The above property is for sale by the owner for ~~\$100,000~~ ^{250,000} on a bonded lease. Terms to be arranged to suit a reliable buyer. The property is open for inspection, and if at any time the owners can be of assistance in checking this prospect we would be glad to do so.

respectfully submitted

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List of assays, No indicates location on map and prospectus.

San Joaquin Research Lab., Stockton, Calif.									
taken from	No	Gold oz	silver oz	lead %	copper %	Val. per ton	price base		
vein	21		2.35	10.60		33.44	silver .71	oz	
							lead .14	lb	
dump	20		2.55	17.54		50.89	silver .70	Oz	
							lead .15	lb	
dump	15	0.06	0.20	2.85	0.03	10.93	gold 35.00	Oz	
"	8	0.06	0.20	7.07	0.06	23.72	silver .75	"	
							lead .15	lb	
vein	1	0.28	0.58	34.60	0.75	117.21	copper .21	"	

Assay by Union Assay Co for U. S. Smelting Co Salt Lake City.
sample the same as No 21 assayed by San Joaquin Research Lab.

Gold OZ	silver OZ	lead %	Insol. %	Zinc %	Sulphur %	Iron %	Lime %	MW. %
0.020	3.0	12.0	6.8	6.0	0.4	3.0	30.1	2.0

Complete analyses by Colorado Assaying office, Denver, Colo.
Sample the same as No 21 assayed by San Joaquin Research Lab.

Element present	%
Carbon Dioxide and combined Water	26.12
Silica	7.04
Iron Oxide	5.77
Aluminum Oxide	1.07
Magnesium Oxide	4.78
Calcium Oxide	30.21
lead sulphide	4.10
Lead Oxide	10.70
Zinc Oxide	6.50
Copper Oxide	0.50
Manganese Dioxide	2.92
Sodium and Potassium Oxides	0.25

Gold	0.01 oz per ton	\$ 35.00 per oz.	\$ 0.35
Silver	3.20 " " "	" 0.90 " "	" 2.88
Lead	13.5 % " "	" 2.50 " unit	" 33.75
Zinc	5.1 % " "	" 1.00 " "	" 5.10
total values per ton			42.08

Phosphorous, Barium, Titanium, Strontium : traces
Platinum and Platinum metal roup none

Remarks: The lead occurs in this sample as metallic steel-gray Galena (lead sulphide) and heavy white Cerussite. The Zinc is present as Smithonite (zinc carbonate), mixed with some silicate, red brown Oxides and brown-black Manganese Oxides.
This ore is of commercial value for its Silver, Lead and Zinc contents.

