



## **CONTACT INFORMATION**

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PRINTED: 06/21/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ROCHESTER GROUP

ALTERNATE NAMES:

SILVER QUEEN  
WAYNE MINE  
GRAND CENTRAL MINE  
EUREKA

PIMA COUNTY MILS NUMBER: 380

LOCATION: TOWNSHIP 16 S RANGE 4 E SECTION 29 QUARTER SE  
LATITUDE: N 32DEG 01MIN 15SEC LONGITUDE: W 111DEG 54MIN 15SEC  
TOPO MAP NAME: KO VAYA - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE  
LEAD SULFIDE  
COPPER  
SILVER

BIBLIOGRAPHY:

FULL, ROY P., INDIAN CLAIMS COMM DOCKET 345,  
V. I, P. 363-364, 1970  
ADMMR ROCHESTER FILE

SILVER QUEEN

PIMA COUNTY  
COBABI DIST.  
T16S, R4E, Sec 5

Optioned to Lester Cox, Casa Grande, Arizona - Box 535. 4-1966

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See: WAYNE MINE(file)

ROCHESTER (file)

MILS ROCHESTER GROUP

\*

NAME OF MINE: ROCHESTER  
OWNER: Harry Wright

COUNTY: Pima  
DISTRICT: Comobabi  
METALS: Au, Pb

OPERATOR AND ADDRESS		MINE STATUS	
Date:	Harry Wright, 18 N. Scott,	Date:	
1/45	Tucson	1/45	Developing
		9/45	Idle
WRIGHT, HARRY ET AL (OWNERS)		11-25-40	

MINE - "TUNGSTEN", Cababi Dist., PimaCo.

OWNERS - T.K.Rickey, Marshall Bartlett, Corn. Kelleher, -

LESSEE:- R. Jamison (Alex) c/o Means - N. 4th Ave., Tucson

ROCHESTER

Au, Pb, Cu

Pima

10 - 5

Harry Wright, 18 N. Scott St., Tucson

'45



# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

Date 2/12/45 Filing Information  
 Name of Mine (Silver Queen Rochester) & Eldorado File System  
 Owner or Operator Marshall & Bartlett File No.  
 Address Sells, Ariz. This chart to be used for gallons of gasoline required per month.  
 Mine Location 10 mi North, & 36 mi W. Sells

### PRESENT OPERATIONS: (check X)

Production.....; Development ☒; Financing.....; Sale of mine.....;  
 Experimental (sampling) ☒; Owner's occasional trip.....;  
 Other (specify).....

### PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months .....  
 Approx. present rate per 3 months .....  
 Anticipated rate next 3 months .....  
 If in distant future check (X) here .....

### EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1930 Ford	400	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

### PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper silver

### REMARKS:

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By

George A. Ballam

WAYNE MINE

PIMA

The Wayne mine is  $2\frac{1}{2}$  miles north of Highway 86 near Sells; Section  
4, T16S R4E. GWI WR 7/15/76

---

C O P Y

ORE DEPOSIT AT WAYNE

COMOBABI MOUNTAINS,

PIMA CO., ARIZONA

P.C. Benedict, Field Geologist  
United Verde Copper Co.

A portion of the vein is highly mineralized and occurs in an andesite porphyry presumably of a Tertiary lava flow. The vein is made up of a drusy structure of milky quartz. Paragenesis (order of deposition of the minerals in the quartz is pyrite, chalcopyrite, sphalerite and galena. The gold accompanying the first two minerals while silver the last two.

Vein is highly oxidized forming both oxides and carbonates of the metals. Alteration has been more intense along the margins of the veins especially in the country rock. Toward the center of the vein the sulphides exist.

No supergene minerals were found as a possible evidence for secondary enrichment. The possibility of finding supergene chalcocite is quite improbable because the water level is shallow and the surrounding country has undergone rapid erosion.

The deposit is epithermal (near the surface) because quartz has concentric banding, while this type of deposit is usually found in lavas of recent origin.

Post mineral faulting is quite evident along the vein. There exists between the smooth foot and hanging wall a zone of 20 feet that appears both crushed and finely jointed. The rock in the footwall, hanging wall, and crushed zone being the same type of rocks.

There seems to be two solutions as to the formation of this huge crushed or finely jointed zone.

(1) That the zone is a dike that was intruded between the foot and hanging wall and followed by mineralizing solutions that formed the vein. The crushed appearing zone being the result of sudden cooling. Vein and dike being faulted afterwards.

(2) That this whole zone is the result of a huge fault passing thru the region. Fault gauge and slickensides were observed on both foot and hanging wall.

Writer favors the first view because the vein as a whole did not suffer any crushing. There has been some movement but not to the extent as one would suppose on first observation.

# DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

## FIELD ENGINEERS REPORT

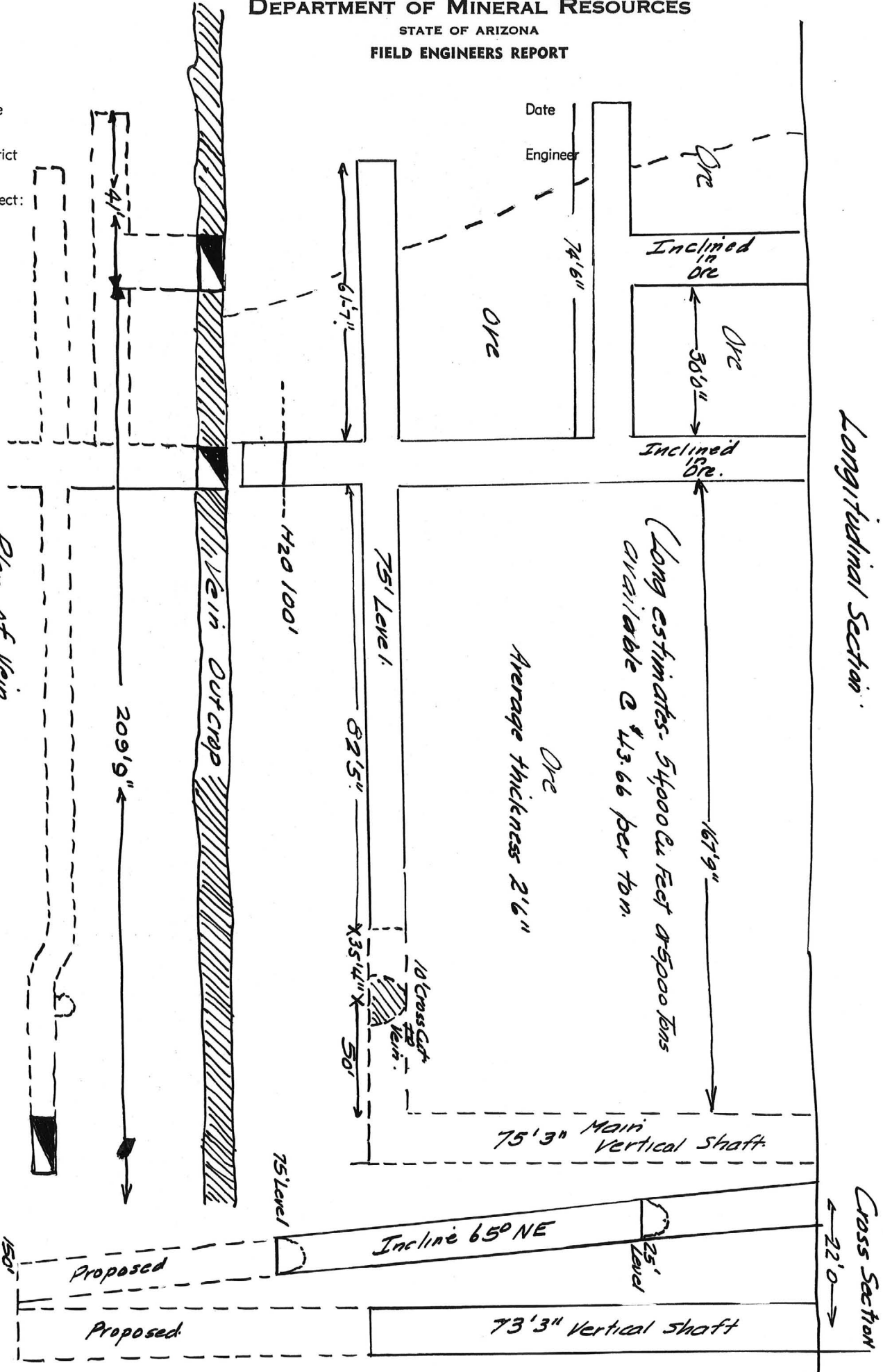
Mine  
District  
Subject:

Date  
Engineer

By: Albert Long.

Plan of Vein

Longitudinal Section



March 11, 1958

✓  
WAYNE MINE,

PIMA COUNTY  
COMOBABI MTNS.

Last reported official -

✓  
L. D. CARR, (1928-1929)  
1547 Washtenaw Ave.  
Ann Arbor, Michigan

and- 17 Ann Arbor Savings Bank Bldg., (1928)  
Ann Arbor, Michigan

and- Oracle, Arizona

and- 133E Speedway (1929)  
Tucson, Arizona

at present-

✓  
A. C. Netherland  
Court House  
Ajo, Arizona

2, AS.

See - SILVER QUEEN MINE (file)

USBM RI 5650 1960

p. 131 (Juanita #9)

WAYNE MINE

WAYNE DEV. CO., COMOBABI MTNS., PIMA CO. ARIZ.

ALBERT LONG, M E

CA8481

This property is located in the Kaibab mining district, near the Southwestern slope of the Comobabi Mountain Range. It is seventy five miles almost due west from Tucson which is the nearest railroad point. However it is easily accessible, being only two and one half miles off the new highway connecting Tucson and Ajo.

It has an elevation of 2150 feet.

The district is arid and covered with the common local varieties of cactus, but the nearby arroyos have clusters of ironwood, paleverde and mesquite.

The property is covered by an andesite flow, classified by the University of Arizona as being early Tertiary, and probably part of the vast mass of Tertiary andesite and basalt which covers many square miles in the adjoining country.

The erosion has been heavy, the nearby mountain range being rolling, with no outstanding cliffs or rocky ridges.

The property consists of six patented claims, comprising ninety one acres, and approximately one thousand feet of development work has been done, more than half of which has been done on one claim.

On this claim there are two shafts. Shaft #1 is incline with a depth of 95 feet and dipping 65 degrees N.E.

Shaft #2 is vertical, or rather dips N.E. 4 degrees and has a depth of 75 feet.

These shafts are connected on the 75 foot level by a drift.

The distance between shafts is 167' 9".

The drift extends from Shaft #1 for 82' 5" N.W. showing 2' 6" of ore on the footwall for the entire distance. At that point 82' 5" from the shaft the drift leaves the ore and turns to the North for a distance of 33 feet where it encounters a hard polished wall of altered andesite, turns again in its original direction of N.W. and continues until it makes connection with the vertical shaft #2.

To the S.E. of Shaft #1 the drift has been driven for a distance of 61' 6". The vein extends the whole distance to the face but only shows heavy mineralization for a distance of 34' although lead, silver and copper sulphides can be found scattered throughout the entire distance.

On the 35' level in Shaft #1 a drift has been driven for 74' 0" 46' of which is heavily mineralized, scattered mineral being found for the remainder of the distance. On this level 30' 0" from the shaft a raise has been driven to the surface, exposing the ore on both sides.

The footwall of the vein is hard and polished, having deep striations which have two separate and distinct directions. The hanging wall of the ore is not so well defined.

The 33' 0" of cut connecting the two drifts, on the 75' 0" level is in a zone of finely crushed and highly porphyritic andesite.

The vein gangue is quartz, it contains, pyrite, chalcopryrite, a slight amount of sphalerite and galena. The gold presumably accompanying the first two minerals, while the silver accompanies the latter two.

The vein is highly oxidized, forming both oxides and carbonates of the metals. Alteration seems to have been more intense along the margin of the vein. Towards the centre of the vein the sulphides exist. Post mineral faulting is quite evident.

The rock forming the footwall and hanging seems to be of the same formation, an altered andesite, and the intervening crushed or finely jointed zone to be also of altered andesite, but more porphyritic.

There seems to be two probably solutions to the formation of this huge crushed or finely jointed area, or zone.

ONE. That the zone is a dike that intruded between the foot and hanging walls and was followed by the mineralizing solutions, which formed the vein. The crushed zone being the result of sudden cooling, vein and dike being altered afterwards.

Two. That the whole zone is the result of a huge fault passing through the region, fault gauge and slickenside being plain on both foot and hanging walls.

Four samples cut on the 75' level gave an average of \$40.31 figuring copper at 15 cents lead at 64 and silver at 65. However, 32 samples taken all over the mine gave an average of \$29.60. Picked samples run as high as \$197.00.

In all samples the ratio of the metals to one another remain approximately the same.

In the four samples previously mentioned the values were.

AG.	AU	CU.	PB.	\$
10.00	5.10	11.90	30.00	57.00
9.50	6.00	7.70	19.08	42.29
2.67	2.60	3.66	9.81	18.75
15.12	4.00	7.70	16.41	43.23

This property was last worked last in 1913 just sufficient work being done at that time to secure patent. No ore has been shipped only blocked out.

As near as I have been able to find out the property has not really been worked since 1903. It was, and is owned by some college professors in the East. Disagreement was caused by the method of working the mine not suiting certain of the parties heavily interested, resulting in the shutting down of the property. The property was also in that day of equine transportation, not very accessible, much different than the condition of today, with a state highway within two miles and gasoline transportation.

Of the history of the property, previous to the present ownership I have been unable to find out anything authentic.

The mining conditions are ideal for development. The incline shaft #1 can be sunk at a minimum of cost, the walls standing without any or only occasional timbers.

Only a small amount of money would be required to sink two or three hundred feet in the incline shaft and thus prove the continuance of the ore to depths.

A reasonable amount of time will be given to sink and develop and prove the property with any payment.

Any property which has as much ore in sight as this one, is worthy of investigation.



DEPARTMENT OF MINERAL RESOURCES

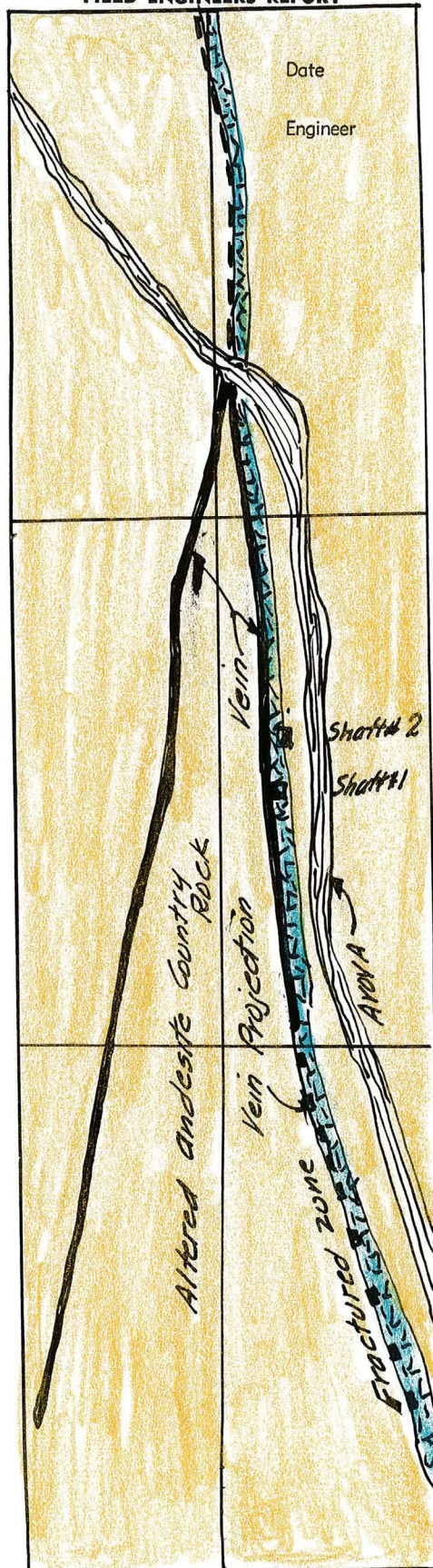
STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine *Wayne*  
District *Comobabi*  
Subject: *Albert Long*  
*Engineer's Rept.*

Date

Engineer



Scale 1" = 500'

Plan of Wayne Mine Vein system.

Copied by  
Lewis Abner



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine

Wayne Mine

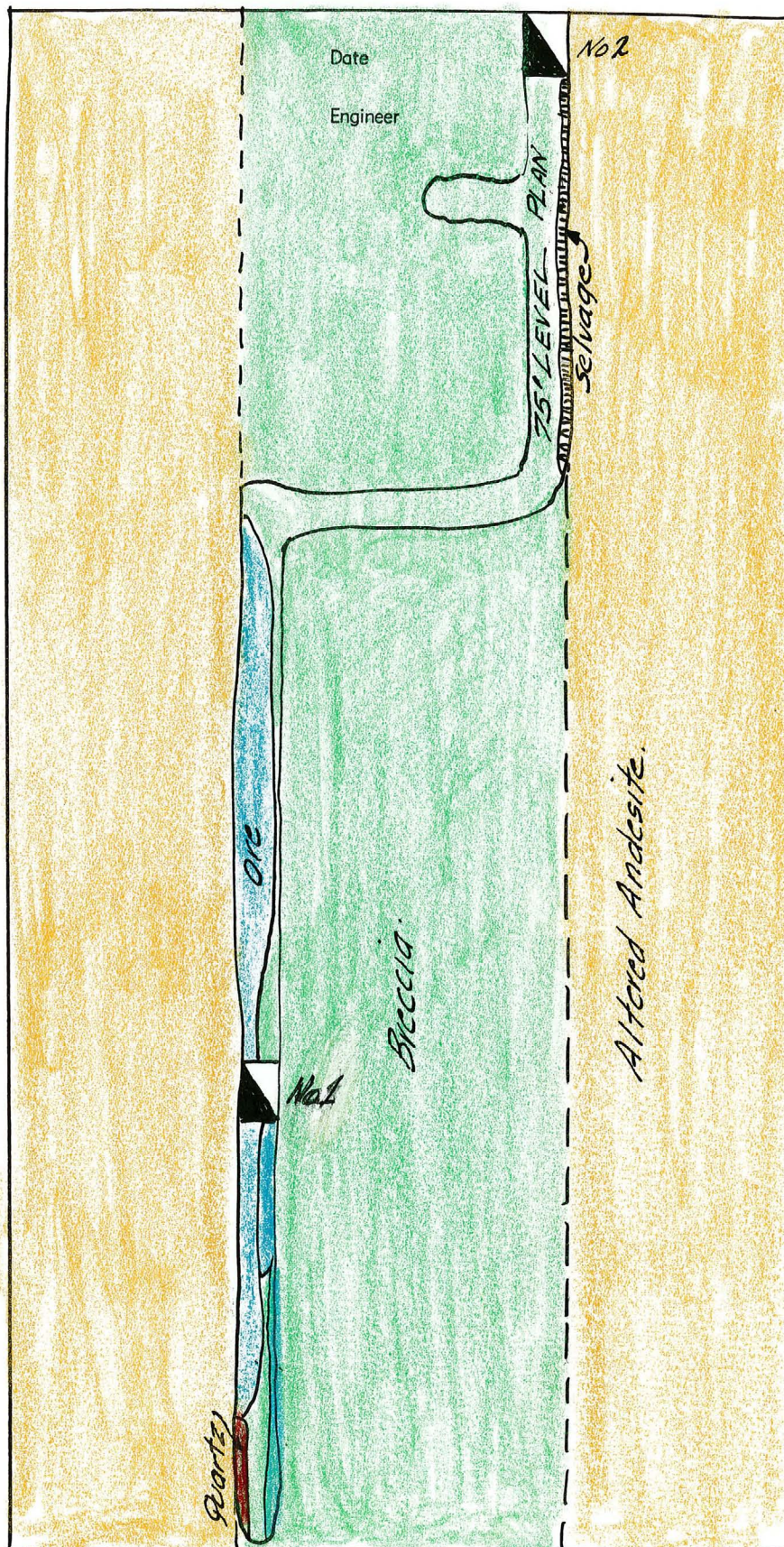
District

Comobabi

Subject:

Rept. by Albert Long.

Scale:  $\frac{1}{4}" = 6'$



Horizontal Plan of 75' Level.



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

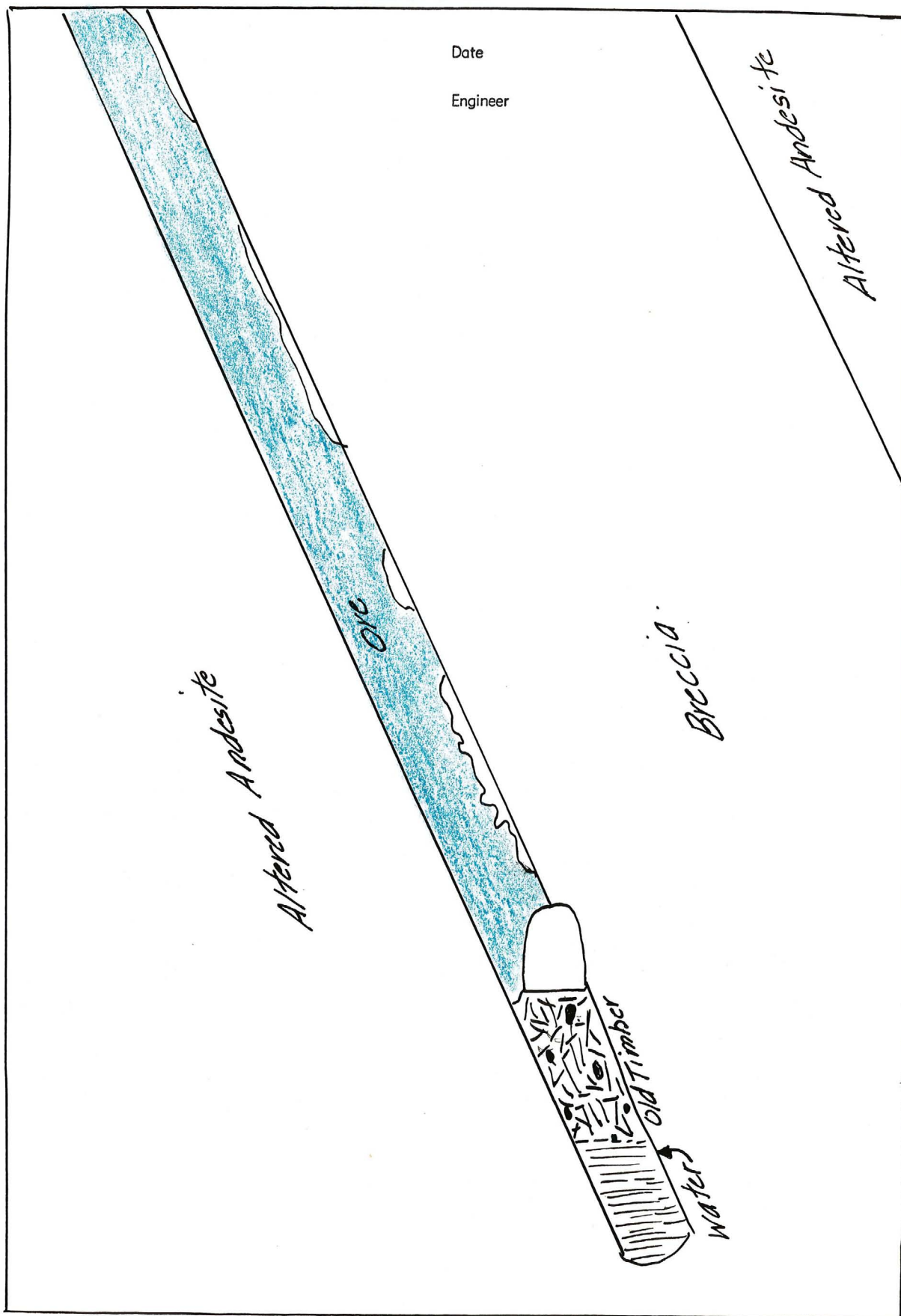
Mine *Wayne*

Date

District *Comobabi.*

Engineer

Subject: *Rept.*  
*Albert Long.*



*Vertical Cross-Section. Through #1 Shaft.*  
*SCALE 1" = 10'*

Received uncanceled at Tucson, ARIZ.



Mr. Harry Wright

~~18 N. Scott~~

~~Tucson, Arizona~~

Unclaimed

No Order  
10287

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

July 14, 1958

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

Rochester ( Pima County)	gold, lead
(Property)	(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

February 27, 1945

Mr. Marshall Bartlett  
Sells, Arizona

Dear Mr. Bartlett:

At the request of Mr. George Ballam  
we are sending you copy of assay of the  
Rochester property.

Yours very truly,

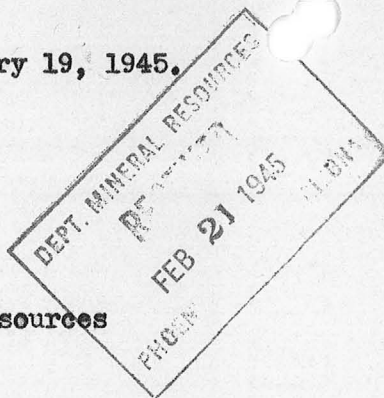
Secretary

lp  
Enc.



February 19, 1945.

MEMORANDUM



Rochester claims  
Comobabi dist.

To: Director, Dept. Mineral Resources  
From: George A. Ballam

The enclosed assay certificate indicates values found over a distance of 2500 feet of the Rochester vein. In only one instance, sample #3 which represented a 12-inch cut 20 feet deep in a 35-foot shaft, ~~did~~ was the report of previous sampling sustained.

It appears that the values are in a hard quartz which contains streaks of manganese. At depth the character of the ore changes to a softer material which increases in width. Samples 7 and 17, taken at 50 feet, show a wider vein with low values.

Since no deeper workings exist on the property, it cannot be determined what takes place below water level (supposed to be about 90') nor whether copper and lead showings in oxidized zone persist as sulfides.

*George A. Ballam*



STATE OF ARIZONA

# DEPARTMENT OF MINES AND MINERAL RESOURCES

Mineral Building • State Fairgrounds • Phoenix, Arizona 85007

(602) 255-3791

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Picked up for reproduction:

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DATE RETURNED \_\_\_\_\_

SIGNATURE \_\_\_\_\_



USBM MILS MAPS  
Pima Co - Section 6

(85)

(389) Pat

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date

1/22/40

1. Mine

Rochester

2. Location

Comotabi Mts

3. Mining District & County

Comotabi-Pima

About 12 mi N. Sells  
near Pickacho

4. Former name

5. Owner

Harry Wright  
Marshall Bartlett

6. Address (Owner)

18 N. Scott St, Tucson

7. Operator

8. Address (Operator)

Sells

9. President, Owing Co.

9A. President, Operating Co.

10. Gen. Mgr.

14. Principal Minerals

11. Mine Supt.

15. Production Rate

12. Mill Supt.

16. Mill: Type & Cap.

13. Men Employed

17. Power: Amt. & Type

18. Operations: Present

Sampling

19. Operations: Planned

20. Number Claims, Title, etc.

6 unpatented Claims

21. Description: Topography & Geography

Rolling - west foothills of Comotabi Mts

22. Mine Workings: Amt. & Condition

One shaft - 90'  
Several hundred feet of cuts

23. Geology & Mineralization

Quartz in diorite and porphyry. Ulin.  
NW-SE. 12" to 60" wide. Nearly vertical.  
Assays reported \$9 to \$19 in gold & some lead - not  
assayed.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

Opened up for 2600 ft - value continuous  
and showing at bottom of 90' hole. Water table  
not known but on adjacent claim about 150'

25. Mine, Mill Equipment & Flow-Sheet

where sulfides of Pb & Cu show.

26. Road Conditions, Route

about 1/2 mile of Jells - go highway

27. Water Supply

Not developed.

28. Brief History

No record of shipments

29. Special Problems, Reports Filed

None

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

32. Signature

Thorpe A. Tallam

33. Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date January 22, 1945

1. Mine Rochester
2. Location Comobabi Mountains. About 12 miles north of Sells near Picacho
3. Mining District & County Comobabi, Pima County
4. Former name
5. Owner Harry Wright  
Marshall Bartlett
6. Address (Owner) 18 N. Scott St., Tucson
7. Operator
8. Address (Operator) Sells, Ariz.
9. President, Owing Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals pb, cu, au
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present Sampling
19. Operations: Planned
20. Number Claims, Title, etc. 6 unpatented claims
21. Description: Topography & Geography Rolling - west foothills of S. Comobabi Mountains
22. Mine Workings: Amt. & Condition One shaft - 90'  
Several hundred feet of cuts.

Signature.....George A. Ballam  
Field Engineer

23. Geology & Mineralization

Quartz in diorite and porphyry. Vein W-SE. 12" to 60" wide.  
Nearly vertical. Assays reported \$9 in gold and some  
lead - not assayed.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

Opened up for 2600 ft. - value continuous and showing  
at bottom of 90' hole. Water table not known but on  
adjacent claim about 150' where sulfides of Pb and Cu  
show.

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

About 1/2 mile of Sells-Ajo highway.

27. Water Supply

Not developed.

28. Brief History

No record of shipments

29. Special Problems, Reports Filed

None

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

32. Signature.....George A. Ballam  
Field Engineer

33. Use additional sheets if necessary.

*Rochester*

JACOBS ASSAY OFFICE  
Registered Assayers

P. O. Box 1889

Certificate No. 43060

Tucson, Arizona, Feb. 15th, 1945

Sample Submitted by Dept. of Mineral Resources, by Mr. Geo. A. Ballam

Serial	Sample Marked	Gold Ozs. Per Ton Ore	Gold Value Per ton Ore
104030	#1 - 12" at 10 ft.	0.19	\$ 6.65
31	#2 - 24" - 12 ft.	0.03	1.05
32	#3 - 12" - 20 ft.	0.58	20.30
33	#4 - 32" - 15 ft.	0.08	2.80
34	#7 - 60" - 50 ft.	0.02	0.70
35	#11 - 48" - 10 ft.	0.09	3.15
36	#17 - 48" - 50 ft.	0.03	1.05
37	#21 Dump from 24" vein	0.05	1.75

Gold Figured \$35.00 per oz. Troy

Very Respectfully

/s/ E. A. Jacobs

Charges \$8.00



E. A. JACOBS, SR.  
PHONE 130R

# JACOBS ASSAY OFFICE

BEN P. JACOBS  
NO. 30 SO. MAIN ST.

## REGISTERED ASSAYERS

P. O. BOX 1889

Certificate No. 43060

TUCSON, ARIZONA

Feb 15 1945

Sample Submitted by Mr. Dept of Mineral Resources - By Mr Geo A Ballam

SERIAL	SAMPLE MARKED	GOLD OZS. PER TON ORE	GOLD VALUE PER TON ORE	SILVER OZS. PER TON ORE	COPPER PER CENT WET ASSAY	LEAD PER CENT WET ASSAY	PERCENT. WET ASSAY
104030	#1-12" at 10 ft	0.19	6.65				
31	#2-24" 12 ft	0.03	1.05				
32	#3-12" 20 ft	0.58	20.30				
33	#4-32" 15 ft	0.08	2.80				
34	#7-60" 50 ft	0.02	0.70				
35	#11-48" 10 ft	0.09	3.15				
36	#17-48" 50 ft	0.03	1.05				
37	#21 Blump. from 24" vein	0.05	1.75				

Gold Figured 35.00 per oz. Troy

Very Respectfully

Charges \$

8.00

*E A Jacobs*

ALL SAMPLES ASSAYED IN DUPLICATE

WE DO NOT QUOTE ON SINGLE 1 RK

Sara Bartlett

~~DEPARTMENT OF MINERAL RESOURCES~~

News Items

Date Nov. 25, 1940

Mine Silver Queen

Location Cababi Dist. 1 mi W of Cababi Mts.

Owner Marsh Bartlett, Corneliss Kelleher,

Address Tom Rickey

Operating Co. Same

Address \_\_\_\_\_

Pres. \_\_\_\_\_

Genl. Mgr. \_\_\_\_\_

Mine Supt. \_\_\_\_\_

Mill Supt. \_\_\_\_\_

Principal Metals Silver

Men Employed \_\_\_\_\_

Production Rate \_\_\_\_\_

Mill, Type & Capacity \_\_\_\_\_

Power, Amt. & Type \_\_\_\_\_

Signed M. M. C.

(Over)



June 7, 1942

MEMORANDUM

SILVER QUEEN  
(Cababi)

To: Director, Dept. Mineral Resources

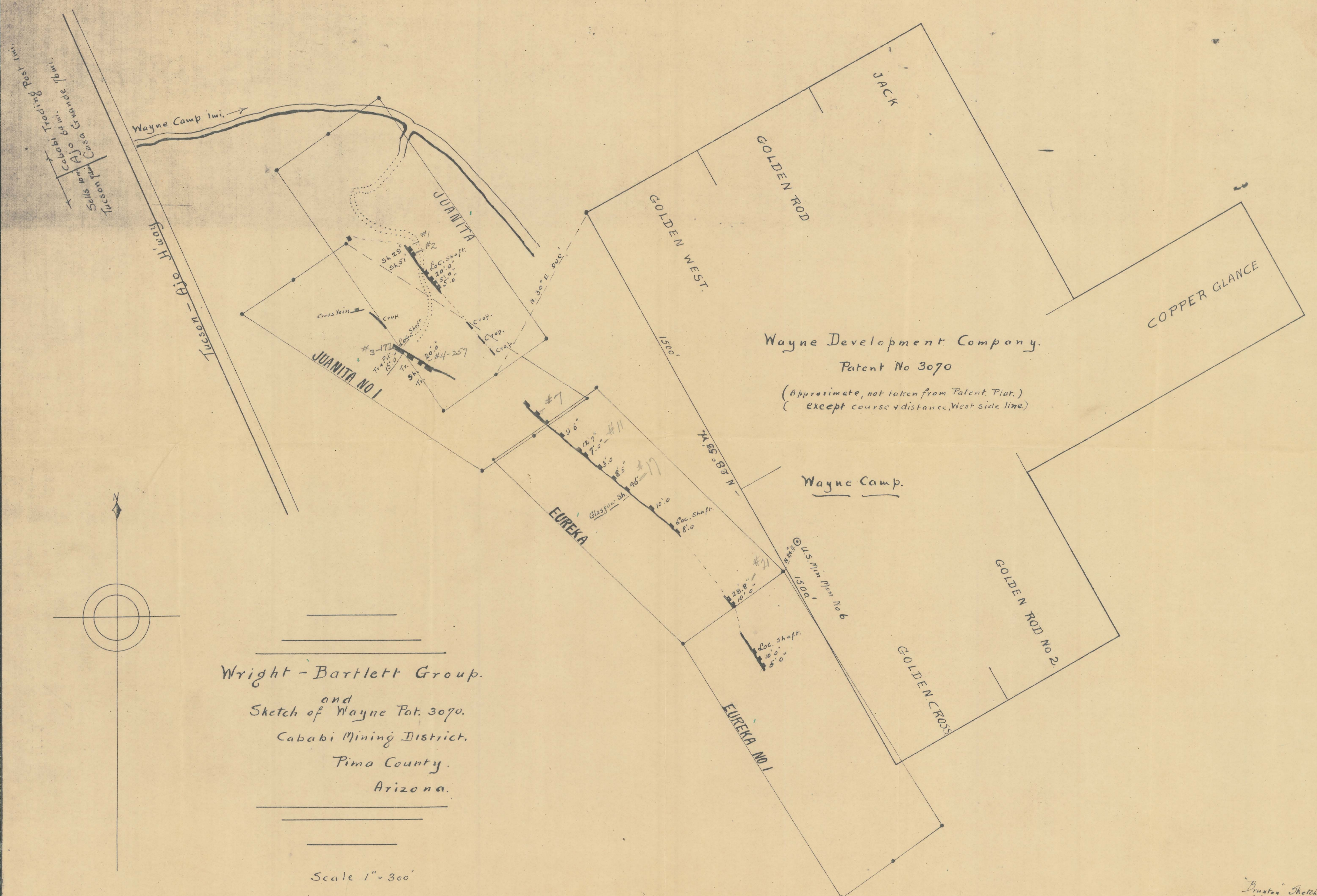
From: George A. Ballam

Located one mile northeast of Carnahan's Trading Post, west of Sells. Owned by Marshall Bartlett, who lives on the property and chlorides it. Major values in lead-copper, and some small shipments have been made.

There is an inclined shaft about 60', small hoist, and some excellent equipment and tools. I was unable to see Bartlett to get any information on the property, but submit this for file.

*George A. Ballam*





"Bruxton" Sketch  
John W. Robinson  
1-16-71 Casa Grande, Ariz.