



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.

PRINTED: 07-20-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: RANDOLPH GROUP

ALTERNATE NAMES:

LOBBS PROPERTY
LUPER PROPERTY
RAND GROUP
HEWITT GROUP
MAVERICK GROUP
PICACHO AND ROBLES GROUP

PINAL COUNTY MILS NUMBER: 20

LOCATION: TOWNSHIP 1 N RANGE 11 E SECTION 22 QUARTER NE
LATITUDE: N 33DEG 25MIN 10SEC LONGITUDE: W 111DEG 12MIN 15SEC
TOPO MAP NAME: IRON MOUNTAIN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
COPPER
GOLD
SILVER
ZINC

BIBLIOGRAPHY:

ADMMR RANDOLPH GROUP FILE
SEE ADMMR RAND GROUP FILE
SEE ADMMR WOODBURY COPPER CO. FILE
ADMMR U FILE PINAL PB 15

TIN, RILE Sec, 22 NE

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

July 11, 1958

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

<u>Randolph Group (Pinal County)</u>	<u>lead</u>
(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

See Woodbury Copper Company

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date 3-22-63

- 1. Mine: Randolph Claims
- 2. Location: Sec. _____ Twp. _____ Range _____ Nearest Town Superior Distance 16 miles
Direction North Nearest R.R. Magma Station Distance 2 air miles.
Road Conditions Good within 2 miles (Recent rains damaged roads)
- 3. Mining District and County: "Rogers", Pinal County
- 4. Former Name of Mine: _____
- 5. Owner: O L Harris
Address: P.O. Box 1282, Superior, Ariz. (160 Neary Ave)
- 6. Operator: Optioned to Ray Luper, Mining Broker, representing Eastern Interests.
Address: 5408 S 5th St Phoenix, AZ
- 7. Principal Minerals: Au, Ag, Pb, Cu, Zinc.
- 8. Number of Claims: Lode 13 Patented _____ Unpatented
Placer _____ Patented _____ Unpatented _____
- 9. Type of Surrounding Terrain: Rough and steeply mountainous.
- 10. Geology and Mineralization: Diabasic rock and granitic rocks, the diabase having intruded and fragmented the granitic rocks. Quartz veins and stringers are mineralized by Azurite, malachite, chrysocoll and some barite and chalcopryite. Locally some galena, anglesite and cerussite are present in blebs and stringers. To the west Pinal schis borders and overlies granitic rocks. A new developed the ore bodies are lenticular and somewhat scattered. Manganese dioxide and limonite blow outs found in several places.
- 11. Dimension and Value of Ore Body: Pockety bodies of ore occur in the quartz and brecciated granitic rocks but no notable reserves or developed. Examined by G. Murphy Box 91, Cripple Creek, Colorado (Consulting engineer) for Ray Luper.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective leasors or buyers.

12. Ore "Blocked Out" or "In Sight": Unknown

Ore Probable: Unknown

It is believed that the most chance for sizable ore bodies would be in depth and that the property should be drilled.

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts <u>1</u>	<u>75</u>	<u>good</u>
Shafts <u>1</u>	<u>115</u>	<u>"</u>
Shafts <u>1</u>	<u>15</u>	<u>"</u>
Raises <u>1</u>	<u>116</u>	<u>1/2 full of water</u>
Tunnels <u>1</u>	<u>100</u>	<u>Good</u>
Crosscuts		
Stopes (open cuts)	<u>5</u>	

Considerable bulldozer work, mainly on road maintenance.

14. Water Supply: Water in shafts and spring for domestic

15. Brief History: Originally owned by Mr and Mrs ^{George} Charles Lobb of Superior, both of whom are now dead. Dick Lobb, Superior inherited the mine. Dick Lobb recently quick-claim deeded the claims to Oren Harris, the present owner. Oren Harris has done the assessment during the past 2 years. He has recently optioned the claims to Ray Luper, of Phoenix, who has produced some ore.

16. Remarks:

17. If Property for Sale, List Approximate Price and Terms:

Optioned to Ray Luper.

18. Signature: Oren Harris

Information recorded for Harris by Lewis A. Smith. (Lewis A. Smith)

Randolph Claims (continued)

and shattered granitic rock. The quartz is in blebs, stringers and veins. The quartz is distributed in "spiderweb" fashion around granitic fragments. Both fragments and quartz are mineralized. Most of the exposed mineralization is oxidized to malachite, azurite, melaconite and chrysocolla, along with limonite. No sphalerite has been recognized but calamine may be present. (Some clear crystals along with lead minerals appeared to be calamine.) The contact zone trends NE-SW and dips 27-30 degrees to the northeast. According to Lobb and Harris the ore, shipped to Magma smelter, was largely hand cobbled from pockets. Both men believed that the gold was mainly associated with the copper and iron sulphides, while the silver was mainly with the lead. The assays indicate this. The zinc affiliation is uncertain.

John L. Splane, Consulting Geologist, Arizona Land & Title Bldg., Room 410, Tucson, Arizona, examined the mine 2 years ago. Splane at that time was a consultant on the Southeast Peru Copper development. He did not as yet give Harris a report on his observations. Mr. Splane did suggest deep drilling.

Most geologists who have observed the area as a whole concur in the view that any future for the area will depend upon deep drilling. The lead occurrences have generally been close to the surface.

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... *February 1st / 45*
 Name of Mine..... *Handley Gold & group*
 Owner or Operator..... *W. Mathews*
 Address..... *Route 1 Globe Ariz.*
 Mine Location..... *18 miles northwest of Superior by road*

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production ; Development ; Financing.....; Sale of mine.....;

Experimental (sampling) ; Owner's occasional trip ;

Other (specify)..... *installing mine equipment started mining*

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months *300*
 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	<i>40</i>	<i>500 miles</i>	<i>40</i>
Light or Service Trucks			
Ore Hauling Trucks			
Compressors	<i>35</i>	<i>130 hours</i>	<i>300</i>
Other Mine or Mill Eqpt.	<i>hoist 8 Pump</i>	<i>104 "</i> <i>130 "</i>	<i>100</i> <i>160</i>
			<i>600</i>

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

REMARKS:

Lead Gold & Silver, reconditioning mine & starting mining.

By..... *A. MacFarlane*

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date April 1, 1941

Mine Randolph Group

District - Cole Mining Dist.

Location - 20 miles by road
12 miles by trail NW of
Magma mine at Superior

Former Name - Same

Owners - George N. and Minnie Lobb

Address - Superior, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper, lead, silver,
zinc also small gold values

Men Employed - None at present

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - No operations, except assessment work.

Operations: Planned - None at present

Mine Randolph Group

District - Cole Mining Dist.

Number of Claims, Title, etc. - 12 unpatented

Owners - George N. and Minnie Lobb

Operator

Address

Description: Topography & Geography - Surrounded by steep hills and gulleys

Claims in a low or flat basin

Elevation 3000 to 4000 ft.

No large timbers mostly small trees

Principal Metals - Copper, lead, silver,

Men Employed - None at present

Mine Workings: Amt. & Condition - Two 100 ft. shafts

One 60 ft. shaft and several 10 to 15 ft. holes

About 600 ft. of tunnel and drifts

Water in shafts. Tunnels caved in at portal

a very good showing on dumps.

Operations: Present - No operations, except assessment work.

SIGNED - George N. and Minnie Lobb

Operations: Planned - None at present

Geology & Mineralization - Granite formation.

Have 2 very large ledges full length of claims.
Width of ledges 10 to 50 ft. Minerals showing zinc,
chalcopyrite, lead, copper, silver and tetrahedrite.

Ore: Positive & Probable, Ore Dumps, Tailings - No estimate of tonnage

Mine, Mill Equipment & Flow Sheet - No equipment on claims at present

Road Conditions, Route - Country road in very bad condition at present.
May be able to get over it in 30 days

Water Supply - Wet seasons a lot of water
No water has been developed except for camp.

Brief History - Was worked 20 years ago.

Special Problems, Reports Filed - Lack of capital to develop

Remarks - Assays taken from 60 ft. shaft and 30 ft. crosscut shows values 15% zinc
6% galena; 3 1/2% copper; 2 oz. silver and a trace of gold. Was still in
ore when shut down. Have ore samples here at Superior.

If property for sale: Price, terms and address to negotiate - Property for sale.
See owners for price if you mean business.

SIGNED - George N. and Minnie Lobb

Lead and Zinc.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

DEPT. MINERAL RESOURCES
RECEIVED
APR 3 1941
ARIZONA

Date Apr 1 - 1941.

Mine Randolph Group. Pinal

District ~~Roosevelt~~ Mining District

Location 20 miles by road
12 miles by trail north-west
of Magma mine at Superior.

Former name Same.

Owner George H. and Minnie Lobb

Address Superior, Arizona.

Operator -

Address -

President -

Gen. Mgr. -

Mine Supt. -

Mill Supt. -

Principal Metals ~~Lead, Silver, Zinc, Copper~~
Copper
also small Gold values.

Men Employed none at present.

Production Rate -

Mill: Type & Cap. -

Power: Amt. & Type -

Operations: Present
No operations
except Assessment work.

Operations Planned
None at present.

Number Claims, Title, etc.
12 unpatented.

Description: Topog. & Geog. Surrounded by steep hills and gullies.
Claims in a low or flat basin.
Elevation 3000 to 4000 feet
No large timber mostly small trees.

Mine Workings: Amt. & Condition
2 - 100 ft shafts -
1 - 60 ft shaft and several 10 to 15 ft holes.
About 600 ft of tunnel and drifts
Water in shafts. Tunnels caved in at portal.
a very good showing ^(over) on dumps.

Geology & Mineralization

Granite formation.

Have 2 very large ledges full length of claims.

Width of ledges 10 to 50 ft. Minerals showing Zinc -

- Chalcocyanite, Lead, copper, Silver and Tetrahedrite.

Ore: Positive & Probable, Ore Dumps, Tailings

No estimate of tonnage.

Mine, Mill Equipment & Flow Sheet

No equipment on claims at present.

Road Conditions, Route

Country road in a very bad condition at present. May be able to get over it in 30 days.

Water Supply

Wet seasons a lot of water.

No water has been developed except for camp.

Brief History

Was worked 20 years ago.

Special Problems, Reports Filed

Lack of capital to develop.

Remarks

assays taken from 60 ft shaft and 30 ft crosscut shows values 15% zinc - 6% galena - 3 1/2% copper 2 g silver and a trace of gold. Was still in ore when shut down. Have ore samples here at Superior.

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

Property for sale
See owners for price if you mean business.

Signed George H. and Minnie Robt.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date April 1, 1941

Mine Randolph Group

District - Cole Mining Dist.

Location - 20 miles by road
12 miles by trail NW of
Magma mine at Superior

Former Name - Same

Owners - George N. and Minnie Lobb

Address - Superior, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper, lead, silver,
zinc also small gold values

Men Employed - None at present

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - No operations, except assessment work.

Operations: Planned - None at present

Number of Claims, Title, etc. - 12 unpatented

Description: Topography & Geography -

Surrounded by steep hills and gulleys
Claims in a low or flat basin
Elevation 3000 to 4000 ft.
No large timbers mostly small trees

Mine Workings: Amt. & Condition -

Two 100 ft. shafts
One 60 ft. shaft and several 10 to 15 ft. holes
About 600 ft. of tunnel and drifts
Water in shafts. Tunnels caved in at portal
a very good showing on dumps.

Geology & Mineralization - Granite formation.

Have 2 very large ledges full length of claims.
Width of ledges 10 to 50 ft. Minerals showing zinc,
chalcopyrite, lead, copper, silver and tetrahedrite.

Date April 1, 1941

Ore: Positive & Probable, Ore Dumps, Tailings - No estimate of tonnage

Location - 30 miles by road
12 miles by trail NW of

Mine, Mill Equipment & Flow Sheet - No equipment on claims at present

Address - Superior, Arizona

Road Conditions, Route - Country road in very bad condition at present.
May be able to get over it in 30 days

Water Supply - Wet seasons a lot of water
No water has been developed except for camp.

Brief History - Was worked 20 years ago.

Special Problems, Reports Filed - Lack of capital to develop

Remarks - Assays taken from 60 ft. shaft and 30 ft. crosscut shows values 15% zinc
6% galena; 3 1/2% copper; 2 oz. silver and a trace of gold. Was still in
ore when shut down. Have ore samples here at Superior.

If property for sale: Price, terms and address to negotiate - Property for sale.
See owners for price if you mean business.

Description: Topography & Geology - Surrounded by steep hills and valleys

Claims in and around basin

Elevation 3000 to 4000 ft.

No large timber mostly small trees

Mine workings: Amt. & Condition - Two 100 ft. shafts
One 60 ft. shaft and several 10 to 15 ft. holes

About 200 ft. of tunnel and drift
Water in shafts. Tunnels caved in at portal

SIGNED - George N. and Minnie Lobb

Handwritten mark

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date April 1, 1941

Mine Randolph Group

District - Cole Mining Dist.

Location - 20 miles by road
12 miles by trail NW of
Magma mine at Superior, Ariz.

Former Name - Same

Owners - George N. and Minnie Lobb

Address - Superior, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper, lead, silver,
zinc also small gold values

Men Employed - None at present

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - No operations, except assessment work.

Operations: Planned - None at present

Number of Claims, Title, etc. - 12 unpatented

Description: Topography & Geography - Surrounded by steep hills and gulleys
Claims in a low or flat basin
Elevation 3000 to 4000 ft.
No large timbers mostly small trees

Mine Workings: Amt. & Condition - Two 100 ft. shafts
One 60 ft. shaft and several 10 to 15 ft. holes
About 600 ft. of tunnel and drifts
Water in shafts. Tunnels caved in at portal
a very good showing on dumps.

Geology & Mineralization - Granite formation.

Have 2 very large ledges full length of claims.
Width of ledges 10 to 50 ft. Minerals showing zinc,
chalcopryrite, lead, copper, silver and tetrahedrite.

Date April 1, 1941

Ore: Positive & Probable, Ore Dumps, Tailings - No estimate of tonnage

Mine Ranchison Group

District - Coie Mining District - 30 miles by road
13 miles by trail NW of

Mine, Mill Equipment & Flow Sheet - No equipment on claims at present

Owners - George N. and Minnie Lobb
Address - Superior, Arizona

Operator

Road Conditions, Route - Country road in very bad condition at present.
May be able to get over it in 30 days

President

Mill Supr.

Water Supply - Wet seasons a lot of water
No water has been developed except for camp.

Principal Metals - Copper, lead, silver

Production Rate

Power: Amt. & Type

Brief History - Was worked 20 years ago.

Operations: Present - No operations, except

Speical Problems, Reports Filed - Lack of capital to develop

Operations: Planned - None at present

Remarks - Assays taken from 60 ft. shaft and 30 ft. crosscut shows values 15% zinc
6% galena; 3 1/2% copper; 2 oz. silver and a trace of gold. Was still in
ore when shut down. Have ore samples here at Superior.

If property for sale: Price, terms and address to negotiate - Property for sale.
See owners for price if you mean business.

Description: Topography & Geology - Surrounded by steep hills and gulches
Claims in a low or flat basin
Elevation 3000 to 4000 ft.
No large timbers mostly small trees

Workings: Amt. & Condition - Two 100 ft. shafts
One 60 ft. shaft and several 10 to 15 ft. holes
About 600 ft. of tunnel and drifts
Water in shafts. Tunnels caved in at points.

SIGNED - George N. and Minnie Lobb

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date April 1, 1941

Mine Randolph Group

District - Cole Mining Dist.

Location - 20 miles by road
12 miles by trail NW of
Magma mine at Superior

Former Name - Same

Owners - George N. and Minnie Lobb

Address - Superior, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper, lead, silver,
zinc also small gold values

Men Employed - None at present

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - No operations, except assessment work.

Operations: Planned - None at present

Number of Claims, Title, etc. - 12 unpatented

Description: Topography & Geography - Surrounded by steep hills and gulleys
Claims in a low or flat basin
Elevation 3000 to 4000 ft.
No large timbers mostly small trees

Mine Workings: Amt. & Condition - Two 100 ft. shafts
One 60 ft. shaft and several 10 to 15 ft. holes
About 600 ft. of tunnel and drifts
Water in shafts. Tunnels caved in at portal
a very good showing on dumps.

Geology & Mineralization - Granite formation.

Have 2 very large ledges full length of claims.
Width of ledges 10 to 50 ft. Minerals showing zinc,
chalcopryrite, lead, copper, silver and tetrahedrite.

Ore: Positive & Probable, Ore Dumps, Tailings - No estimate of tonnage

Mine, Mill Equipment & Flow Sheet - No equipment on claims at present

Road Conditions, Route - Country road in very bad condition at present.
May be able to get over it in 30 days

Water Supply - Wet seasons a lot of water.
No water has been developed except for camp.

Brief History - Was worked 20 years ago.

Speical Problems, Reports Filed - Lack of capital to develop

Remarks - Assays taken from 60 ft. shaft and 30 ft. crosscut shows values 15% zinc
6% galena; 3 1/2% copper; 2 oz. silver and a trace of gold. Was still in
ore when shut down. Have ore samples here at Superior.

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

See owners for price if you mean business.

SIGNED - George N. and Minnie Lobb

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date December 21, 1939.

Mine Randolph Group

Engineer Newton Wolcott

District Rogers Mining District

Location 22 Miles Northwest of Superior

Former name

Owner Geo. H. and Minnie Lobb

Address Superior, Arizona.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, lead, silver, zinc. Also small values in gold.

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Property is not active at present.

Operations Planned

Continue development and install mill when financially able.

Number Claims, Title, etc.

Twelve unpatented claims.

Description: Topog. & Geog.

Steep and rugged hills in the heart of the Superstition Range at an elevation of between 3500 and 4000 feet above sea level. There is a considerable growth of brush and shrubs but very few trees at this elevation.

Mine Workings: Amt. & Condition

Several shafts with a combined depth of 360 feet, including two of 100 feet each, and one 60 feet deep.

A total of 600 feet of drifts.

The shafts need timber to make them accessible, so the shallower workings are all that can be inspected at present.

Water is standing within 50 feet of the surface in two of the shafts.

Geology & Mineralization

Granite which is cut in many places by rhyolite dykes forms the predominant country rock. Two large and continuous fracture zones traverse the granite from N to SE and run throughout the property at a distance of approximately a mile apart. These zones are from 10 to more than 50 feet in width and are marked by brecciated material and ribs of quartz. The ore minerals are sphalerite, chalcopyrite, galena and tetrahedrite, with copper carbonates and silver chloride showing in places along the outcrop. Mr. Gene Woodbury, one of the former owners, states that a cross-cut at a depth of 80 feet on the west vein cut material which averaged as follows over a length of 54 feet: Lead 13%, zinc 13%, copper 3 1/2%, and silver 9 ass. with a little gold. He also states that the east vein carries more tetrahedrite than the one just mentioned, and that the silver values are correspondingly higher.

Mine, Mill Equipment & Flow Sheet

Inaccessibility of the shafts makes a tonnage estimate impossible.

No equipment of any sort remains on the property.

Road Conditions, Route

U.S. Highway 70 and county road for a distance of 9 miles from Superior, then 7 miles of fair road up a sand wash. From this point, the last four miles to the property is in a very bad state of repair, and the trip should not be attempted in a decent car. It would require considerable work to make last part of the road fit to travel. Consult owners for route to property.

Water Supply

There has been only a domestic water supply developed.

Brief History

It is evident that a good deal of money has been expended in the development of this property; but no attempt has ever been made to carry the work to a depth of more than 100 feet, and no ore shipments were ever made. Work was suspended here in 1918 and nothing excepting assessment work has been done since that time.

Special Problems, Reports Filed

Lack of capital to repair the road, erect a mill and rehabilitate the property is the owners problem. Due to the complex character of the ore, separation of the mineral constituents is a necessary factor in the successful operation of this property, and this the owners are unable to do.

Remarks

With due regard to lack of sampling evidence, it appears very probable that there is a large tonnage of ore available on this ground, and the treatment problem should not present any serious obstacle.

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

Property is for sale or lease. Communicate with owners for terms.

Signed Original signed by Newton Wolcott

Use additional sheets if necessary. Separate sheets on each problem.

MR-12

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date December 21, 1939.

Engineer Newton Wolcott

Mine Randolph Group

District Rogers Mining District

Location 22 Miles Northwest of Superior

Former name

Owner Geo. N. and Minnie Lobb

Address Superior, Arizona.

Operator

RANDOLPH GROUP

President

Cu, Pb, Ag, Zn, Au

Mine Supt.

Pinal

11 - 1

T 1 N, R 9 E

Principal Metals Copper, lead, silv

Production Rate

Geo. N. & Minnie Lobb, Box 246, Superior

'41

Power: Amt. & Type

Water Supply

Operations: Present

Property is not active at present.

Operations Planned

Continue development and install mill when financially able.

Number Claims, Title, etc.

Twelve unpatented claims.

Description: Topog. & Geog.

Steep and rugged hills in the heart of the Superstition Range at an elevation of between 3500 and 4000 feet above sea level. There is a considerable growth of brush and shrubs but very few trees at this elevation.

Mine Workings: Amt. & Condition

Several shafts with a combined depth of 360 feet, including two of 100 feet each, and one 60 feet deep.

A total of 600 feet of drifts.

The shafts need timber to make them accessible, so the shallow workings are all that can be inspected at present.

Water is standing within 50 feet of the surface in two of the shafts.

(over)

Geology & Mineralization

Granite which is cut in many places by rhyolite dykes forms the dominant country rock. Two very large and continuous fracture zones traverse the granite from NW to SE and run throughout the property at a distance of approximately a mile apart. These zones are from 10 to more than 50 feet in width and are marked by brecciated material and ribs of quartz. The ore minerals are sphalerite, chalcopryrite, galena and tetrahedrite, with copper carbonates and silver chloride showing in places along the outcrop. Mr. Gene Woodbury, one of the former owners, states that a cross-cut at a depth of 60 feet on the west vein cut material which averaged as follows over a length of 54 feet: Lead 12%, zinc 13%, copper 3 1/2%, and silver 9 ozs. with a little gold. He also states that the east vein carries more tetrahedrite than the one just mentioned, and that the silver values are correspondingly higher.

Inaccessibility of the shafts makes a tonnage estimate impossible.

Mine, Mill Equipment & Flow Sheet

No equipment of any sort remains on the property.

Road Conditions, Route

U.S. Highway 70 and county road for a distance of 9 miles from Superior, then 7 miles of fair road up a sand wash. From this point, the last four miles to the property is in a very bad state of repair, and the trip should not be attempted in a decent car. It would require considerable work to make this last part of the road fit to travel. Consult owners for route to property.

Water Supply

There has been only a domestic water supply developed.

Brief History

It is evident that a good deal of money has been expended in the development of this property; but no attempt has ever been made to carry the work to a depth of more than 100 feet, and no ore shipments were ever made. Work was suspended here in 1918 and nothing excepting assessment work has been done since that time.

Special Problems, Reports Filed

Lack of capital to repair the road, erect a mill and rehabilitate the property is the owners problem. Due to the complex character of the ore, separation of the mineral constituents is a necessary factor in the successful operation of this property, and this the owners are unable to do.

Remarks

With due regard to lack of sampling evidence, it appears very probable that there is a large tonnage of ore available on this ground, and the treatment problem should not present any serious obstacle.

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

Property is for sale or lease. Communicate with owners for terms.

Signed

Gene Woodbury

Use additional sheets if necessary. Separate sheets on each problem.

RANDOLPH GROUP

PINAL COUNTY

Two inquiries re Randolph Claims in the Rogers Trough area near Iron Mountain in the northern part of the Pioneer district. Recently someone had moved in a dozer and was doing some road repair on the Randolph Claims. The operators were not known. Oren Harris of Superior claims the property.
JHS Conf. Report 6/18/69

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date December 21, 1939.

Engineer Newton Wolcott

Mine Randolph Group

District Rogers Mining District

Location 22 Miles Northwest of Superior

Former name

Owner Geo. N. and Minnie Lobb

Address Superior, Arizona

Operator

RANDOLPH GROUP

President

Cu, Pb, Ag, Zn, Au

Mine Supt.

Pinal

11 - 1

T 1 N, R 9 E

Principal Metals Copper, lead, silver

Production Rate

Geo. N. & Minnie Lobb, Box 246, Superior

'41

Power: Amt. & Type

Water Supply

Operations: Present

Property is not active at present.

Operations Planned

Continue development and install mill when financially able.

Number Claims, Title, etc.

Twelve unpatented claims.

Description: Topog. & Geog.

Steep and rugged hills in the heart of the Superstition Range at an elevation of between 3500 and 4000 feet above sea level. There is a considerable growth of brush and shrubs but very few trees at this elevation.

Mine Workings: Amt. & Condition

Several shafts with a combined depth of 360 feet, including two of 100 feet each, and one 60 feet deep.

A total of 600 feet of drifts.

The shafts need timber to make them accessible, so the shallow workings are all that can be inspected at present.

Water is standing within 50 feet of the surface in two of the shafts.

(over)

NAME OF MINE: RANDOLPH

COUNTY: PINAL

DISTRICT:

METALS: PB

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

5/1/44	Geo. Lobb, Box 246, Superior <i>Route 1</i>	5/1/44	Developing
2/45	J. J. Mathews, Superior	12/44	Idle
		2/45	Developing
		4/46	Idle

See: Rand Group (file) - Pinal Co.



REASON CHECKED
 Unclaimed. Refused.....
 Unknown.....
 Insufficient address.....
 Moved, Left no address.....
 No such office in state.....
~~Not returned in this envelope~~
 POSTAGE DUE 2 CENTS

RECEIVED
 JUL 29 1958
 DEPT. MINERAL RESOURCES
 PHOENIX, ARIZONA

Mr. J. J. Mathews

Route 1

Superior, Arizona

Blair

With every indication of having to enlarge same in the near future.

And to raise this fund we are offering to the public 200,000 shares of the treasury stock of the Woodbury Copper Company.

The proceeds of this fund will be sufficient to open up the property, raise and place enough ore on dumps and block out ore reserves below to guarantee the operation of a 100-ton plant to start with.

And when this has been accomplished we shall offer another block of stock for sale, to put in said mill and produce concentrates for market, and expect to make such a showing on first funds raised, that the second block of stock will probably be sold at par.

And we will guarantee that the money raised from the stock we are now offering for sale to the public will be actually spent in developing same and not for fancy salaries, office equipment, etc., as we intend to get results and actual digging is the only way.

A DESCRIPTIVE REPORT OF PROPERTY

This property consists of ~~2~~ groups of claims known as the ~~Hewitt~~, Randolph, ~~Randolph~~, ~~Pinal~~ and ~~Roller~~ groups and totals ~~24~~ recorded full claims 600x1500 feet, with some 40 contiguous claims not yet of record.

All these groups are situated in Pinal County, Arizona, 30 miles from Florence, the county seat of Pinal County. These groups are from one to ten miles from Hewitt station, a station on the branch railroad recently built by the Magma Mining Company from ~~Wagner~~ station on the Phoenix & Eastern Railroad to the mining camp of Superior, and is 30 miles in length. See map one for location of railroad and Hewitt station, situated 20 miles northeast of ~~Wagner~~ and 10 miles southwest of Superior.

The Randolph group, one of the best groups of the company, lies 10 miles northeast of Hewitt station in Randolph Basin on the west slope of the Superstition Mountains (see sketch map one). The country rock on this group is granite and there is a series of parallel veins showing large outcrops, cutting the granite with a general north and south trend, varying in width from three to thirty or more feet. Another series of cross veins intersect these, having a strike of west of north to east of north (see sketch No. 7). In the Randolph and Randolph No. 1 claims, a large outcrop extends for about 2,000 feet in length, and where work has been done on this vein it shows a width of from 25 to 30 feet.

Many changes have been made since this report was made

Rand group was known as Maverick group

On the Randolph claim there is a shaft down on this vein to a depth of 60 feet, which shows a solid body of zinc, carrying also some lead and copper sulphides, full width of shaft and averaging 15 per cent zinc. A cross cut from north drift at this level shows a vein 30 feet wide with the ore lying on a well defined foot wall. Assays show this ore to average 15 per cent zinc, 6 per cent galena, 3 1/2 per cent copper and 2 ounces silver and a trace of gold. A surface tunnel 375 feet to north of this shaft cuts the vein at a depth of about 40 feet below the outcrop and shows a 25-foot oxide vein fitting along the outcrop of the vein to the north of this shaft and tunnel. On the Randolph No. 1 claim both copper carbonate and sulphides make a strong surface showing. On the Randolph No. 13 claim, east of and adjoining the Randolph claim, is an 18-foot shaft on a vein that was 18 inches in width at surface and has widened to 5 feet in sinking 18 feet, and averages about 4 per cent chalcopryite copper ore and 3 ounces silver, and has every probability of making a large ore body of commercial ore.

On the Randolph No. 3 claim, 1,200 feet to the east and about the same distance south, the outcrop of a large parallel vein is exposed for a distance of about 6,000 feet, on which are located Randolph Nos. 3, 4, 11 and 22 claims. There is also a smaller parallel vein, which intersects the main vein on No. 3 claim (see sketch No. 7). This parallel vein was cut with a 150-foot tunnel about 50 feet below outcrop, and shows a width of about 5 feet of oxidized vein matter. This tunnel if extended 30 feet further in would cut the main vein, which is a wide one with good surface showings. In this outcrop about 140 feet south of tunnel line, an old shaft, was sunk about 40 feet in depth, on main vein. This shaft and dumps show gray copper and carbonates and no doubt with very little more depth will be in sulphide ore, as on same vein 1,500 feet to south on No. 4, sulphides come to surface, and also on Nos. 11 and 22 to the south on same vein.

In the Randolph No. 7 claim, a continuation of No. 13, to the south, there are three veins, all of which show large outcrops, with heavy iron stains and carbonate and sulphides. On the larger or west vein there is an old shaft (see sketch map). It was sunk on the hanging wall side of vein to a depth of 100 feet, and at bottom has some drifting and a cross cut runs 20 feet, with no foot wall yet. The ore consists of gray copper, chalcopryites, sulphides and some

galena, and will run about 3 1/2 per cent copper, 4 ounces silver and in places from \$2 to \$19 gold.

About 600 feet to the south, on the outcrop of No. 8 claim and on same vein, there is another old shaft 60 feet deep, that has never been unwatered by this company, but the dumps show about same values as No. 7, except that the chalcopryites are heavier. The outcrop of the vein is wider at this point and shows heavy iron stain and carbonate ore here and there for great length to the south on Nos. 9, 10 and 16 claims, as well as on Nos. 7 and 8—a distance of over 6,000 feet (see sketch map), and on the parallel vein to the east it shows the same length of outcrop.

And to quote Mr. Henry Kehoe, E.M., who made a 20 days' examination of the entire holdings of the Woodbury Copper Company for other parties, to-wit:

"In the Randolph group you have six large veins well mineralized and the ore showings, the outcrops and surface workings warrant the development of these below the zone of oxidization, and as an ore shoot comes to the surface at the Randolph shaft, which is at a lower elevation than any of the other surface workings, I would advise sinking this shaft to the water level and true sulphide zone, which I believe will be reached within 200 feet, and then drifting north and south on the veins, and when this true sulphide zone is encountered it should develop large bodies of copper ore of shipping grade, and the possibilities of finding large bodies of commercial ore in this property at comparatively shallow depth, is very promising. I would advise concentrating all work on this group at the start, for the present."

Now, these are Mr. H. Kehoe's exact words, in his report to his parties, as it now lies before me. And as other engineers have corroborated these views, this company is now ready to act on these advices, and have installed a whim, trackage and car, and as soon as funds are available from sale of stock, will put on two shifts and proceed to sinking. This shaft is now 60 feet in depth, with drifts and 30-foot crosscut.

And Mr. Kehoe adds in conclusion of his report on the entire property, to-wit:

"That with large veins and the surface showings on the Randolph, Maverick and ~~Picacho~~ groups, I believe development work, in the sulphide zones, will open up large bodies of high grade copper ore."

Now, Mr. Henry Kehoe is an engineer of high

have 24 claims since when report was made party had 60.

Sending this old report so you can get a better idea.

repute; his opinions and reports to the parties he was examining this property for are very valuable to us; in fact, more so than if made direct to us, and most encouraging to the Woodbury Copper Company, and we are about ready to act on that advice.

The ~~Maverick~~ group is one of our star groups and it alone would be a good company proposition (as in the case of the Randolph group), but the country rock on this group, "The Maverick," consists of schist and granite, with intrusions of porphyry and diabase. There is also a large area at each end of the zone which is covered by an overflow of Clifton Rhyolite from a few feet to several hundred in thickness, lying on top of the schist. The schist on this group is somewhat similar to the Inspiration and Miama Mines. It has an easterly and westerly strike and dips to the north about 60 degrees from the horizon. Running through the schist are two parallel zones of altered schist, heavily iron stained and showing much silification, and massive bodies of epidote. These zones are from 40 to 600 feet in width and show copper carbonates all along the outcrop of both zones, and again to quote Mr. Kehoe from his report:

"The conditions are very favorable for finding large bodies of low grade sulphide on this group (The Maverick) when the water level is reached, which may be from 200 to 300 feet below the surface."

And Mr. Kehoe is not the only engineer of repute who has favorably reported on this group, as Mr. Woodrow and also Mr. Grebe, engineers of the Copper Queen Company of Bisbee, so reported on this group to their company, who bonded it for \$100,000.

The development work on this group consists of a 200-foot surface tunnel and a shaft 120 feet in depth, with a crosscut at bottom, 100 feet to the south and 20 feet to the north. The surface tunnel cross cuts 75 feet of ore. It was carbon carbonate, chalcocite and native copper finely disseminated all through it, and the balance of the tunnel showed strong mineralization. The 120-foot shaft showed values all the way down, running in 75 assays from $\frac{1}{2}$ to 1 per cent to 15 per cent copper, and the 100-foot cross cut in the bottom showed good values every foot, consisting of some carbonate, red oxide and native copper, and the face of the cross cut, where the last work was done, showed better than the rest of the cross cut. This work was done on the extreme north side of the zone. Had it been done, say, in the center of the 600-

foot zone, no doubt but what better results would be shown. The surface indications all over this zone are very favorable for finding large bodies of sulphides at the water level, which all engineers agree will be between 200 and 300 feet in depth. But we intend, with funds derived from present sale of stock, to place a drill on this ground and drill holes at various points across the entire zone of 600 feet and in length 3,000 feet, to depth of 300 feet each, to determine the best place to sink a working shaft or shafts to get best results. We now have a good whim on this ground. What was formerly called the Boothell group, consisting of seven claims and lying to the north and adjoining the Maverick group, we have now incorporated into the Maverick group, but the country rock of this group is granite, with intrusions of diabase and some porphyry dykes. In the Maverick No. 20 claim, formerly the old "Boothell," there are two tunnels and one shaft (see sketch, map No. 5). Tunnel No. 1 is run in on the vein 105 feet and has a 30-foot winze sunk 75 feet in from the portal of the tunnel, from which considerable high grade silver ore was shipped in the early '80s, some of it running as high as 500 ounces. In the gulch 60 feet vertically below this tunnel is No. 2 tunnel, which runs in 50 feet on the vein. Both veins show a 3-foot width and the ore is carbonate and high grade silver in form of stephanite, tetrahedrite and chalcopyrites. This vein is an altered porphyry dyke, showing a 40-foot width with a north and south strike and dips to the west. The lower or No. 2 tunnel shows good possibilities by continuing in for 100 feet, of encountering the body of high grade ore that is in the 30-foot winze in the upper tunnel. The 25-foot shaft 150 feet to the north shows the same ore conditions as the No. 1 and No. 2 tunnels.

In the Maverick No. 22 claim, formerly the Silver Boulder (so named because in the '80s a big silver boulder was found in the gulch at one end of the vein, being half virgin silver) there is a vein from 3 to 7 feet in width, and it also is an altered porphyry dyke. A cross cut tunnel cut this vein about 30 feet below the surface, where it has a width of 5 feet, and shows considerable carbonates, carrying silver glance and some gray copper. This vein can be traced for over 1,500 feet and shows silver and copper ore all along the outcrop. There is about the same showing on the Maverick Nos. 23, 24 and 25 claims. As all these claims are located near the top of the divide, the zone of operation will

these claims are now open.

probably extend to considerable depth, and therefore the Maverick No. 20 would be the one to develop first. But this group has great possibilities and is very attractive on account of its high grade silver.

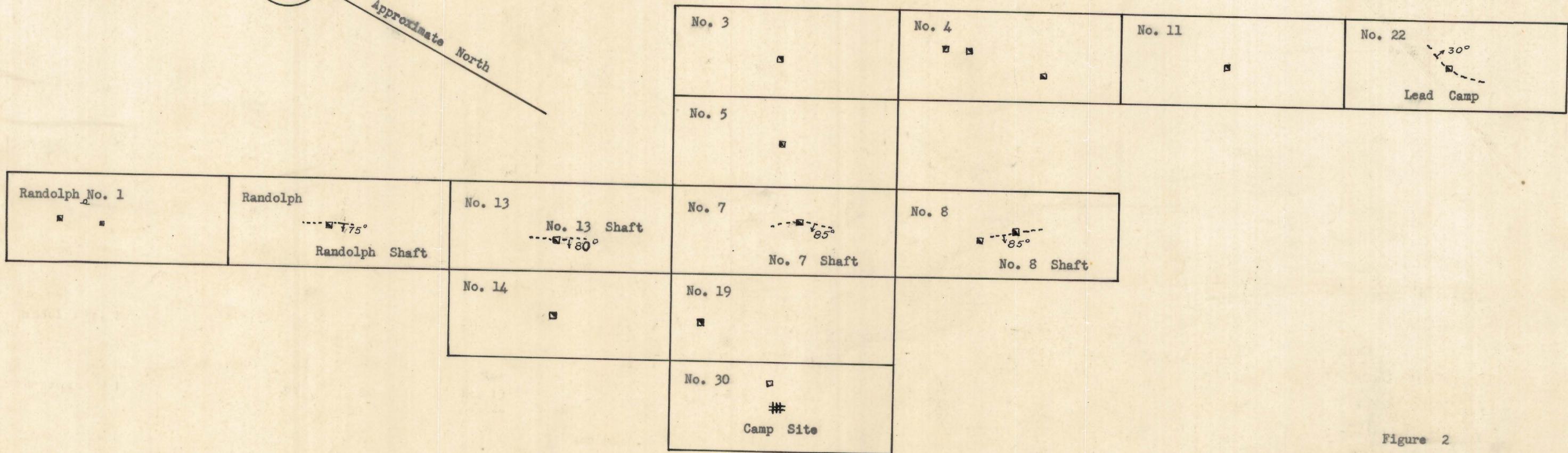
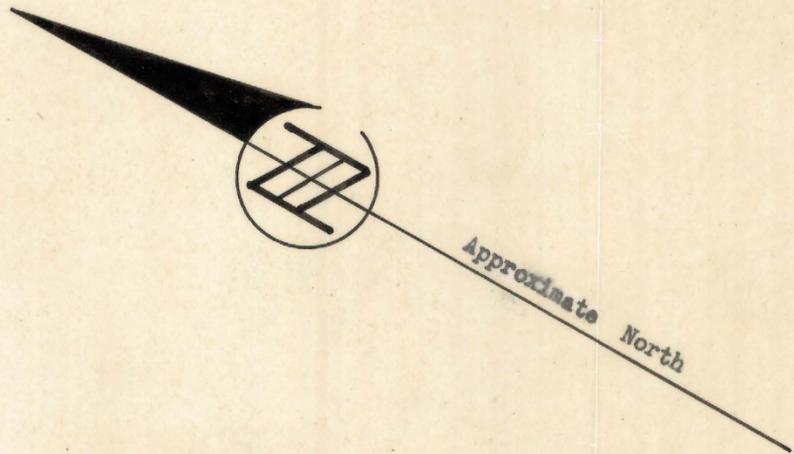
The Picacho group is located in a schist belt, about two miles west of the Maverick group and five miles north of Hewitt station. Formerly this was known as the Peacock group. On the Picacho No. 1 claim there is an immense outcrop of iron stained quartz with a strike north to east with a dip to west. This outcrop stands above the schist and can be traced for 2,500 feet, with a surface width of 200 feet. Near the north end of the claim a tunnel was run in for a distance of 48 feet into the vein, and shows iron stained quartz filling, carrying some gold. On the surface here and there on the outcrop there is considerable carbonate with some free gold, showing on the west end of the dyke. In the Picacho No. 1 claim (see map) there is an old shaft 44 feet deep that has never been investigated by this company as yet. It shows a 5-foot vein carrying carbonates and some gold.

In the Picacho claim the best showing of the group is seen, having a large vein from 15 to 35 feet in width, which can be traced plainly for over 2,000 feet. In places a porphyry dyke forms the foot wall, and the vein shows more epidote and is harder than any other in this district, lying in the schist. This vein has two shafts, one on the west end being 20 feet deep, and the shaft at the discovery being 50 feet deep. At this discovery the vein is 35 feet wide and the vein and dump on the surface shows an assay value of 4 8-10 per cent copper, \$8 gold and 11 ounces silver. To the north this vein can be traced into the Picacho No. 1 claim. This is a large vein and the outcrop shows great length and the vein is well mineralized, and three ore shoots come to the surface about 500 feet apart.

Now, again to quote Mr. Kehoe's report in reference to this group. He says:

"The water in both shafts on this vein warrants the belief that the sulphide zone will be reached in sinking 150 feet below the surface, and if the ore shoots should fill, in a vein of this size, it would furnish a large tonnage of commercial ore."

The Hewitt group lies about one mile north of Hewitt station and consists of ten recorded claims. In this group the country rock is gray, but is very much altered, as at Rey and Miami. It has an easterly and westerly trend and dips to the north at about 50 degrees from the hori-



Note: Map made from sketch furnished by C. O. Carlson
with additions by W. E. Heinrichs.

LEGEND
----- Fault - vein zone

Figure 2
CLAIM MAP (RANDOLPH CLAIMS)
OGDEN CONSTRUCTION COMPANY
ROGER MINING DISTRICT
PINAL COUNTY, ARIZONA
Scale: 1 inch = 600 feet
D. M. A. 1634X