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PRINTED: 09/26/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ANTIGUO GOLD AND COPPER

ALTERNATE NAMES:
GREY FOX

YUMA COUNTY MILS NUMBER: 767

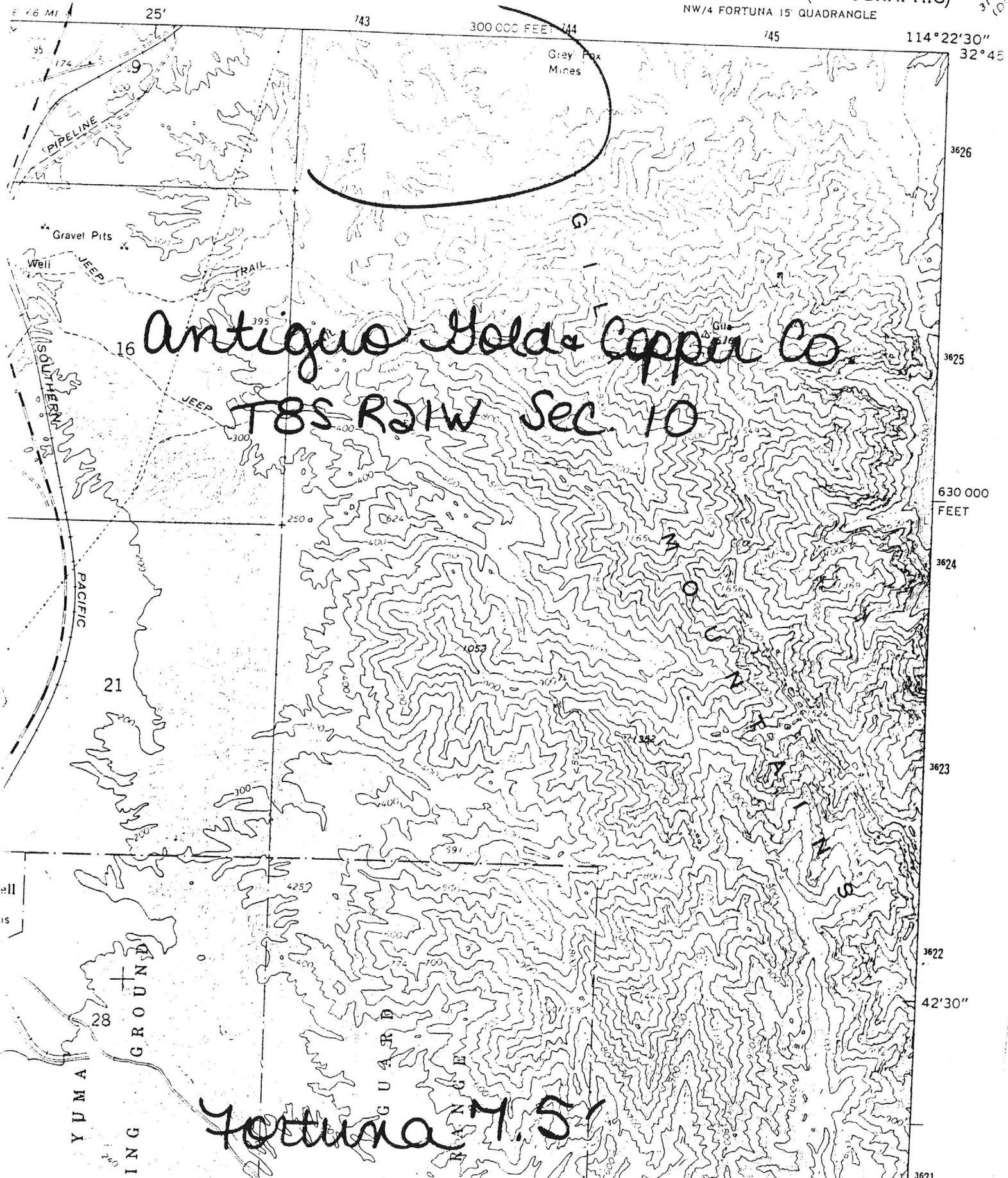
LOCATION: TOWNSHIP 8 S RANGE 21 W SECTION 10 QUARTER NW
LATITUDE: N 32DEG 44MIN 47SEC LONGITUDE: W 114DEG 23MIN 07SEC
TOPO MAP NAME: FORTUNA - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
GOLD LODE
COPPER SULFIDE

BIBLIOGRAPHY:
ADMMR ANTIGUO GOLD & COPPER FILE

FORTUNA QUADRANGLE
ARIZONA - YUMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 FORTUNA 15' QUADRANGLE



Copy
11-22-29

Report on the property of the Antiguo Gold & Copper Company,
Dome, Arizona.

Mr. F. E. Devine, Pres.,
Antiguo Gold & Copper Company,
Dome, Arizona.

Dear Sir :

In accordance with your request, I have examined the property of the Antiguo Gold & Copper Company, and herewith submit the results of my investigations and conclusions :

PROPERTY.

The property comprises a group of some 14 mining claims, situated in the Fortuna Mining District, Yuma County, Arizona, about one mile south of the town of Dome, Arizona, a station on the main line of the Southern Pacific Railroad .

GEOLOGY.

The formation of the country is lime. This lime belt is fully a mile and a half wide and extends through the country in a general northeasterly and southwesterly direction for miles. The Lime Measures rests upon what appears to be a Hornblende Schist, and the measures have been more or less altered by metamorphic action. The bedding planes of the Lime have a dip of about 50 degrees to the East. The core of this lime belt upon which the six of the claims of the group are located, appears to be an enormous reef, running northeasterly and southwesterly through the belt, and from a distance has the appearance of a huge dyke cutting the formation. There are numerous fissures in evidence everywhere.

ORE OCCURANCES.

On the main reef there are good surface showings of copper wherever work has been done; and along the contact, especially in the vicinity of the Bradstreet claim, the surface showing is good.

DEVELOPMENT.

The property lacks development, surface pits necessary for title work, being the only work in evidence.

CONCLUSIONS.

From my experience, and taking into consideration the history of all the larger copper mines in the lime formations, I consider this

copy
11-22-27

THE ANTIQUE GOLD AND COPPER PROPERTIES.

W. E. Spivey, Secty.
H. H. McPhaul,

At your request I submit my observation and examination of the Antique Property.

You will understand that such statements as are made in this report are based entirely on present development which are small compared to, with the apparent opportunity offered, secondarily on the general favorable conditions surrounding property.

CLAIMS :

There are eight full claims 600 x 1500 feet, five of the claims cover the main strike of the outcrop. The remaining three are side claims.

LOCATION :

The property is located in Yuma County in the Fortuna Mining District, and about one and one-half miles from the station of Dome on the main line of the S. P. Ry and about eighteen miles east from the town of Yuma, a place of about 5,000 population. At one point the railroad runs within one half mile of the West End claim, from which point a good wagon road can be built down to the railroad.

ELEVATION:

The elevation is about one thousand (1,000) feet above sea level. The Gila River flows within about three-quarters of a mile of the property from which an abundance of water can be obtained at all times.

TOPOGRAPHY:

The property lies in a rough, mountainous country locally known as the Fortuna Range, the famous Fortuna Mine being located in this range and on the opposite side from the Antique property.

Copy
11-22-27

At your request I visited the property of the Antigua Gold and Copper Company, situated about two miles from Dome, on the Southern Pacific Railroad, in Yuma County, Arizona.

The property consists of ten or more claims that I examined, and others that I did not visit.

The principal vein is a contact quartz lode, between granite and lode, and crops out boldly for a long distance. I walked over it for about 6,000 feet, on the following named claims, viz; The Tungston, the Mathews, the Mathews No. 1, and the Lapanza.

This vein or lode crops out boldly nearly the whole 6,000 feet and is from six to ten feet wide showing copper carbonate at every place that any work has been done on the above mentioned claims. All of the work consists of tunnels and open cuts, and can only be classed so far as a very promising prospect, but has every indication of making a big mine when developed. The vein runs nearly east and west, a little to the north in the east. Besides copper, the ore carries silver, gold and in places mandate of lead, especially in the open cuts on the Tongston claim where the ore shows a width of about ten feet.

The property is about six hundred feet or more above the Gila River about a mile south of the railroad, and the tunnel on the Tongston is _____ a fair wagon road.

To the north of these claims are the Deacon, Scheelite, Do Jack, and the Bradstreet, as will be shown on the accompanying plan. These claims all have nearly the same course as the first mentioned, and all of the _____ open cuts or short tunnels which show strong veins of _____ more feet in width and copper carbonate.

a dark greenish graniticized rock resembling hornblend, which follows in many places, close the ore outcrop and invariably on the hanging side of the limes outcrop. The ore outcrop being a contact between the lime and the porphyries. The ores occur in a prominent dyke along the entire length of five claims and even farther to the west and lower down the slope. A very favorable showing has been made on ground, which I believe, does not belong to the Antique group, but should in my opinion, be embodied in the group. The contact has a strike of about east and west; it is somewhat irregular and shows evidence of extensive movement to which the ore bodies are undoubtedly related.

ORE :

The ore outcrops are mostly eruptive, carrying copper, gold and silver values, very good assays have been made in copper from the several different openings along the strike of the outcrop, which in places measure from ten to twenty feet across. The outcrop itself, is much more extensive in width at the upper elevations.

WORK :

The workings consist of several different opening along the strike of the outcrop as follows : Two tunnels, one in thirtyfive feet and the other about forty feet, two open cuts, one twenty feet and the other thirty feet; a twenty foot drift and a shaft down seventy feet. All of these openings show ore. The outcrop has been prospected on the surface for the entire length of the five claims at different intervals to determine the values at different points and have proven uniform in values. The ground is easily mined and would not require extensive timbering.

At the present time, extensive developments are necessary to prove

they were taken, and accompanies this report. You showed me some very good photographs, which I recognized at once as some of the places that I visited.

I am of the opinion that you will encounter sulphides at a short distance below the surface, when you sink on your property; as indicated by the bornite at the surface of the Bradstreet claim, which is lower down the mountain than the other claims.

I would advise that you sink a shaft at or near the open cut on the Tongston claim and I would like to see a drill hole sunk on the Bradstreet claim, and the tunnel on the Scheelite should be driven on the vein.

The drill would be a good means of prospecting your property in many places, and when the pay ore is located at a depth in this way it could be cut by cross cut tunnel or tunnels, at a depth of several hundred feet in places, as the sides of the mountain are quite steep (about 40%) so that nearly a foot in depth could be gained by a foot run in the cross cut tunnel.

All the gulches leading up from the river to the base of the mountain contain placer gold, and are being dry washed by prospectors and Indians at the present time. All this gold must have come from erosions of your veins, all of the mountains were much higher at one time.

From your property can be seen, to the north the famous Castle Dome Peak, in which district so much gold has been taken out in the past, and is still being worked extensively.

Your property is most favorably situated for working, being as it is almost on the railroad, and only 20 miles from water navigation on the Colorado River at Yuma, which runs into the Gulf of California.

I am confident that when your property is developed it will be found to be one of the richest in the district.

J. E. Devine, President
M. E. Spivey, Secretary

Directors
J. E. Devine
M. E. Spivey
H. H. McPhaul
E. S. Hagmes
Max Grunburg

Antiguo Gold & Copper Co.

DOME, ARIZONA

ORGANIZED UNDER THE CORPORATION LAWS OF ARIZONA

Capitalization \$2,000,000

Treasury Stock \$1,000,000

**PAR VALUE \$1.00, FULLY PAID AND
NON-ASSESSABLE**

*Nineteen Lode Claims
380 Acres*

*Two Placer Claims
320 Acres*

TOTAL 700 ACRES

Developing copper properties from prospects to producing mines is the greatest profit-sharing business in the United States today. According to figures just made public by the United States Geological Survey, it is the most wonderful industry in the history of the world, and Arizona is the biggest copper producing State in the Union. Ten mines in Arizona paid \$34,000,000 in Dividends in 1916, and it is predicted that the profits in 1917 will be still greater. The demand for copper greatly exceeds the supply and it is a well known fact that the big copper producing mines in trying to meet this demand have neglected their development work for future production. They are, therefore, looking for newly developed prospects, and the Antiquo Gold & Copper Company in offering to the public its first issue of stock at ten cents a share, is giving the far-sighted, intelligent investor a chance to get in on the ground floor of a legitimate industry, where your money will receive its full earning power and not the rental value of it.

All wars have been followed by big booms in copper and the investor should prepare for the inevitable boom which will undoubtedly follow the end of the present conflict. The high price of copper will be maintained for many years to come, as production of this valuable metal will not be sufficient to meet the amount needed for re-construction purposes and to restore industries in which copper is an absolute necessity.

We wish to point out to the public that our property in being situated only a mile and a half from the Southern Pacific Railroad and the Gila River, is admirably located for economical development and eliminates two of the great problems confronting mining enterprises, namely, lack of transportation and water.

Three eminent mining engineers have examined our property, and the remarkable concurrence of their conclusions insures the ultimate success of our enterprise.

Dr. John R. Magruder, the well known mining engineer, of Tucson, and New York, says:

"The principal vein is a contact quartz lode, between granite and lime, and crops out boldly for a long distance. I walked over it for about 6,000 feet on the following named claims, viz.: The Tungsten, the Mathews, the Mathews No. 1, and the Lopenza.

"This vein or lode crops out boldly nearly the whole 6,000 feet and is from six to ten feet wide showing copper carbonate at every place that any work has been done on the above mentioned claims. All the work consists of tunnels and open cuts, and can only be classed so far as a very promising prospect, but has every indication of making a big mine when developed. The vein runs nearly east and west, a little to the north of east. Besides copper, the ore carries silver, gold and in places molibdate of lead, especially in the open cut on the Tungsten claim, where the ore shows a width of about ten feet.

To the north of these claims are the Deacon, Scheelite, Dojack and the Bradstreet. These

claims ~~the~~ have nearly the same course as the first mentioned, and all have either open cuts or short tunnels which show strong veins of six or more feet in width, and copper carbonate. The Bradstreet claim has a wide vein of quartz and hornblend, showing bornite, besides carbonate of copper.

"I am of the opinion that you will encounter sulphides at a short distance below the surface, when you sink on your property, as indicated by the bornite at the surface on the Bradstreet claim, which is lower down the mountain than the other claims.

"I am confident that when your property has been developed you will have a great mine, both as gold and copper producer."

A. J. Pidgeon, mining engineer of Arizona, says:

"The property lies in a rough mountainous country, locally known as the Fortuna range. The country rock in the neighborhood of the claims consists of granite, schist, lime and eruptive rock, the most important of which is a greenish, granitized rock resembling hornblend, which follows in many places close to the outcrop and on the hanging side of the lime outcrop, the ore outcrop being a contact between the lime and the porphyries. The ores occur in a prominent dyke along the entire length of five claims and even farther to the west and lower down the slope. The ore outcrops are mostly eruptive, carrying copper, gold and silver values; very good assays having been made in copper from several different openings along the strike of the outcrop, which in places measure from ten to twenty feet across. The workings consist of several openings along the strike of the outcrop, as follows: Two tunnels, one in about 35 feet, the other about 40 feet; two open cuts; one 20 feet, the other 30 feet, a 20 foot drift and a shaft down 70 feet.

"The ground is easily mined and would not require extensive timbering.

"Taking into consideration the many favorable features connected with and surrounding this property, together with the large outcrop exposed along this strike, I see no reason why larger ore bodies should not be developed at depth.

"It is a well known fact that for years quantities of placer gold have been taken from the ground below your claims and in all probability the schist has a bearing on this matter and as some of your best ore lies in the schist, it would be natural to presume good gold values will be found at depth. I made one general sample which shows 4% copper \$3.00 in gold and one ounce of silver. Much better values can naturally be expected at greater depth.

"In conclusion, I will state from careful study of the conditions that are found on these claims, that by sinking on the ore zone, the general geological features and strength of outcrop, warrant exploration."

Charles M. Becker, well known in Colorado mining circles, has this to say:

"The formation of the country is lime. This lime belt is fully a mile and a half wide, and extends through the country in a general northeasterly and southwesterly direction for miles. The lime measures rest upon what appears to be a hornblend schist, and the measures have been more or less altered by metamorphic action. The bedding planes of the lime have a dip of about 50 degrees to the east. The core of this lime belt, upon which six of the claims of the group are located, appears as an enormous reef, running northeasterly and southwesterly through the belt, and from a distance has the appearance of a huge dyke cutting the formation. There are numerous fissures and cross fractures in evidence everywhere. On the main reef there are good showings of copper wherever work has been done; and along the contact, especially in the vicinity of the Bradstreet claim, the surface showing is good.

"From my experience, and taking into consideration the history of all the large copper mines in the lime formations, I consider this property worthy of quite extensive development. I believe the chances excellent for the finding of large bodies of commercial copper ore in depth and would recommend that you sink two shafts one at or near the good surface showing on the Tungsten claim, and the other at or near the location shaft of the Bradstreet claim."

Aside from the engineers above quoted, it is the opinion of many expert mining men, who have visited the property, that the ore bodies will be encountered at a much shallower depth than is usual in big copper properties, on account of the great surface erosion of overlying sedimentaries, and that the sulphide zone should be struck at less than 200 feet depth. These conditions make our proposition extremely inviting, for the reason that a big mine can be quickly developed with a comparatively small amount of capital.

For this purpose we are offering a limited amount of stock for a short time, at ten cents per share.

This is your opportunity to get in on a good investment while the stock is selling at its present low price.

Send all orders and communications to

ANTIGUO GOLD & COPPER CO.

Dome, Arizona.

Situated so close to the main line of the Southern Pacific Railroad, that a cable line can be built from the mountain side to the railroad, and ore dumped into cars, with one operation, and where plenty of water is always available, is 700 acres of mining property, both lode and placer claims, which is owned by the Antiguo Gold and Copper Company.

From preliminary work that has been done by the company on its property, it is evident that soon the Antiguo Gold and Copper Company will become a big producer. But it takes money to develop a big mine, although in this instance, because of the proximity to the property of transportation and water two of the largest items in desert mining, the cost of developing the Antiguo Gold and Copper Company will not be excessive.

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To the north of these claims are the Deacon, Scheelite, Dojack and the Bradstreet. These claims all have nearly the same course at the first mentioned, and all have either open cuts or short tunnels which show strong veins of six or more feet in width, and copper carbonate. The Bradstreet claim has a wide vein of Quartz and hornblend, showing bornite, besides carbonate of copper.

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"The ground is easily mined and would not require extensive timbering.

"Taking into consideration the many favorable features connected with and surrounding this property, together with the large outcrop exposed along this strike, I see no reason why larger ore bodies should not be developed at depth.

"It is a well known fact that for years quantities of placer gold have been taken from the ground below your claims and in all probability the schist has a bearing on this matter as some of your best ore lies in the schist, it would be natural to presume good gold values will be found at depth. I made one general sample which shows 4 per cent copper, \$3.00 in gold and one ounce of silver. Much better values can naturally be expected at greater depth.

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“From my experience, and taking into consideration the history of all the large copper mines in the lime formations, I consider this property worthy of quite extensive development. I believe the chances excellent for the finding of large bodies of commercial copper ore in depth and would recommend that you sink two shafts, one at or near the good surface showing on the Tungsten claim, and the other at or near the location shaft of the Bradstreet claim.”

Since the report of the above eminent engineers and during the last year the property has been developed so that the tunnels and crosscuts have been extended, disclosing large ore bodies carrying gold, silver and copper. The development work also disclosed in large quantities tungsten of lead running 2 per cent.

Aside from the engineers above quoted, it is the opinion of many expert mining men, who have visited the property, that the ore bodies will be encountered at a much shallower depth than is usual in big copper properties, on account of the great surface erosion of overlying sedimentaries, and that the sulphide zone should be struck at less than 200 feet depth. These conditions make our proposition extremely inviting, for the reason that a big mine can be quickly developed with a comparatively small amount of capital.

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Antiguo Gold and Copper Co.
Dome, Arizona

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ORE OCCURANCES.

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DEVELOPMENT.

The property lacks development, surface pits necessary for title work, being the only work in evidence.

CONCLUSIONS.

From my experience, and taking into consideration the history of all the larger copper mines, in the lime formations, I consider this property worthy of quite extensive development. I believe the chances excellent for the finding of large bodies of commercial ore in depth, and

would recommend that you sink two shafts, one at or near the good surface showing on the Tungsten claim, and the other at or near the location shaft of the Bradstreet claim. Both of said shafts should follow thereon and the work should be done under careful and economical management. The property located, as it is within a mile of the railroad, and not over a mile and a half from the Gila River, is admirably situated for economical development and eliminates two of the problems usually met with in mining enterprises in the state, viz: lack of transportation and water.

Respectfully submitted,

San Diego, Calif.
April 25, 1917.

(Signed)

Charles M. Becker,

Mining Engineer

copy
11-22-27

THE ANTIQUE GOLD AND COPPER PROPERTIES.

W. E. Spivey, Secty.
H. H. McPhaul,

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The property is about six hundred feet or more above the Gila River about a mile south of the railroad, and the tunnel on the Tongston is _____ a fair wagon road.

To the north of these claims are the Deacon, Scheelite, Do Jack, and the Bradstreet, as will be shown on the accompanying plan. These claims all have nearly the same course as the first mentioned, and all of the _____ open cuts or short tunnels which show strong veins of _____ more feet in width and copper carbonate.

The Scheelite more than deserves its name from that metal being encountered in the tunnel on the property. This vein also carries Iron and Hornblend. The Bradstreet claim has a wide vein of quartz and hornblend, showing bornite, besides carbonate of copper.

I took only five samples, and the assay sheet will show from where

a dark greenish graniteized rock resembling hornblend, which follows in many places, close the ore outcrop and invariably on the hanging side of the limes outcrop. The ore outcrop being a contact between the lime and the porphyries. The ores occur in a prominent dyke along the entire length of five claims and even farther to the west and lower down the slope. A very favorable showing has been made on ground, which I believe, does not belong to the Antique group, but should in my opinion, be embodied in the group. The contact has a strike of about east and west; it is somewhat irregular and shows evidence of extensive movement to which the ore bodies are undoubtedly related.

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At the present time, extensive developments are necessary to prove the ore bodies at greater depth; a shaft should be put down at the west end near where the lime outcrop shows most prominently. I believe the lime outcrop has a very strong bearing with reference to the future development of the ^{ore} bodies. I notice where the lime shows the strongest, good copper showing are to be observed. No permanent ore body can be

A S S A Y S H E E T

Open cut, 10 feet wide	(not all as good as sample).		
	Gold	Silver	Copper
No. 1 Tongston, (open cut)	\$2.00	0.80¢	6.03%
No. 2 Mathews (open cut)	0.20	0.45¢	3.92%
No 3. DoJack (open cut)	Trace	0.25¢	0.14%
No.4. Sheelite (Tunnel)	0.20	0.25¢	1.30%
No. 5. Bradstreet (open cut)	0.40	0.25¢	1.00%

"Enclosed with this is the original assay certificate."

they were taken, and accompanies this report. You showed me some very good photographs, which I recognized at once as some of the places that I visited.

I am of the opinion that you will encounter sulphides at a short distance below the surface, when you sink on your property; as indicated by the bornite at the surface of the Bradstreet claim, which is lower down the mountain than the other claims.

I would advise that you sink a shaft at or near the open cut on the Tongston claim and I would like to see a drill hole sunk on the Bradstreet claim, and the tunnel on the Scheelite should be driven on the vein.

The drill would be a good means of prospecting your property in many places, and when the pay ore is located at a depth in this way it could be cut by cross cut tunnel or tunnels, at a depth of several hundred feet in places, as the sides of the mountain are quite steep (about 40%) so that nearly a foot in depth could be gained by a foot run in the cross cut tunnel.

All the gulches leading up from the river to the base of the mountain contain placer gold, and are being dry washed by prospectors and Indians at the present time. All this gold must have come from erosions of your veins, all of the mountains were much higher at one time.

From your property can be seen, to the north the famous Castle Dome Peak, in which district so much gold has been taken out in the past, and is still being worked extensively.

Your property is most favorably situated for working, being as it is almost on the railroad, and only 20 miles from water navigation on the Colorado River at Yuma, which runs into the Gulf of California.

I am confident that when your property has been developed, you will have a great mine, both as copper and gold producer.

Tucson, Arizona.
March 21st, 1917.

Yours truly

John R. Magruder

(Signed)

Mining Engineer

expected until greater depth has been obtained.

Taking into consideration the many favorable features connected with and surrounding this property, together with the large outcrop exposed along this strike, I can see no reason why larger ore bodies should not be developed, taking it from a mining point of view and surface indications which should be evidence of ore bodies to be found.

It is a well known fact that for years quantities of placer gold have been taken from the ground below these claims and in all probabilities the schist has a bearing on this matter and as some of your best ore lies in the schist, it would be natural to presume good gold values will be found at depth.

In conclusion, I will state that from a careful study of the conditions that are found in these claims, that by sinking on the ore zone, the general geological feature and strength of outcrop, warrant exploration.

I made one general sample which shows 4% copper, \$3.00 in gold and one ounce of silver. I would consider this a fair average of such ores as are now exposed. Much better values can naturally be expected at a greater depth.

Respectfully submitted

(Signed) A. J. Pidgeon- ME.

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

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

Antiguo Gold & Copper properties (Yuma County) gold, copper
(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

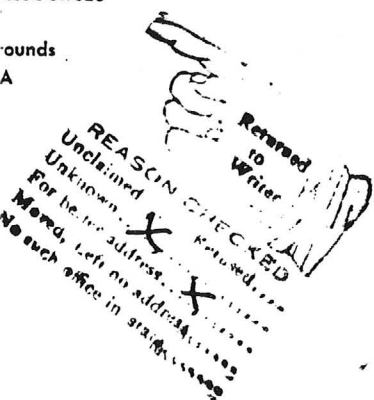
FRANK P. KNIGHT,
Director.



RESOURCES

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