



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CUPRITE MINE

ALTERNATE NAMES:

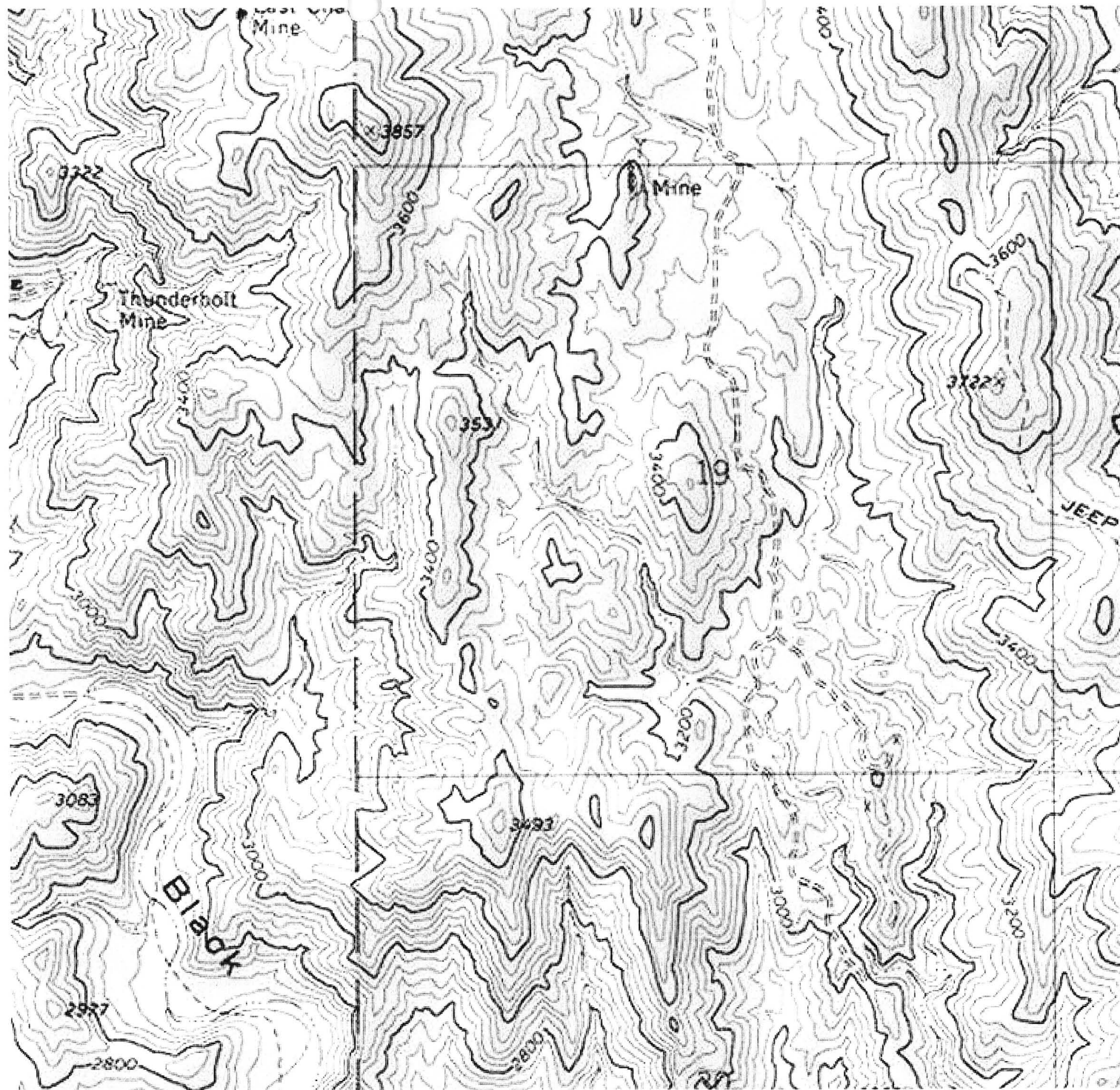
YAVAPAI COUNTY MILS NUMBER: 1429

LOCATION: TOWNSHIP 10 N RANGE 2 E SECTION 19 QUARTER  
LATITUDE: N 34DEG 15MIN 57SEC LONGITUDE: W 112DEG 11MIN 30SEC  
TOPO MAP NAME: BUMNLE BEE - 7.5

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:  
COPPER OXIDE  
GOLD LODE

BIBLIOGRAPHY:  
ADMMR CUPRITE MINE FILE



Cuprite Mine  
T 10 N R 2 E Sec 19

CUPRITE MINE

Yavapai County  
Black Canyon District

Section 19, T10N, R2E, G&SR, B&M

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KAP WR 2/22/80: Jim McCarthy requested assistance on sampling the Cuprite Mine, Black Canyon District, Yavapai County. A field visit was arranged.

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KAP WR 3/4/80: In the company of Jim McCarthy, a visit was made to Mr. Brown's Cuprite Mine, Black Canyon District, Yavapai County. Mr. McCarthy is considering leasing the property and setting up a copper leaching operation. Many samples were taken. (A separate report has been written.)

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Do Not Reproduce

*Cuprite Mine file*  
**Arizona Testing Laboratories**

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

*Black Canyon District  
 Yavapai County*

For Mr. J. L. McCarthy  
 Post Office Box 385  
 Lake Montezuma, AZ. 86342

Date March 10, 1980

**ASSAY CERTIFICATE**

LAB NO.	IDENTIFICATION	OZ. PER TON		PERCENTAGES			
		GOLD	SILVER	COPPER			
4739	S-2	0.04	0.55				
	S-12 Cuprite	0.02	0.15				
	S-14	0.01	0.10				

Spectrographic Analysis to follow 3/13/80

Respectfully submitted,

ARIZONA TESTING LABOR

*Claude E McLean, Jr.*

Claude E. McLean, Jr.



MEMORANDUM

To: John H. Jett, Director  
From: Ken A. Phillips, Mineral Resources Engineer *Ken A. Phillips*  
Subject: Field Visit To Cuprite Claims, March 4, 1980

In the company of James McCarthy, a visit was made to the Cuprite Claims in the Black Canyon District, Yavapai County. A separate report has been prepared. The property is owned by Mr. Elery Brown of Arizona Mine and Dredge Co.

The purpose of the visit was to assist Mr. McCarthy in determining whether the property had potential for him to lease and set up a copper leaching operation. He has had no previous mining experience but is well experienced in surveying, road construction and materials handling, including typical costs. The necessity for good sampling was explained and the procedure was shown and he was assisted in collecting sixteen (16) samples.

KAP:mw

*Cuprite Mine file*

March 7, 1980

*Yavapai County*  
*1114 Superior Street*

P. O. Box 385  
Lake Montezuma, Arizona 86342

Arizona Mining and Dredge, Inc.  
4845 South 36th Drive  
Phoenix, Arizona 85041

Attn: Mr. E. L. Brown and Associates

Subj: Mining Contract; Intentions

Gentlemen:

In reference to your attached letter, dated December 27, 1979, a firm, to comply and act in accordance with your requested contract terms, as related to installation time and demurrage compensation are not conducive to my successful operation of the property.

Therefore, I am disinclined to continue negotiations.

My regrets and apologies for the long delay in informing you of my decision.

Yours truly,

J. L. McCarthy

12 / 27 / 9.  
4845 So. 36th. Drive  
Phoenix, Az., 85041

Mr. James R. Mc Carthy,  
P.O. Box 385  
Lake Montezuma, Az. 88336

374 5459 Kelly

Dear Mr. McCarthy;

With the present price of gold I believe we have a proposition that may interest you.

There are five claims in the property and there are two old shafts one is ninety feet deep and was dug several years ago it is badly caved and to make matters worse the recent forest fire burned all the remaining timbers out of the shaft. It is our assumption that the early-day miners did not sink a ninety foot shaft just to be digging so we feel the situation warrants diamond drilling at an angle to intersect the vein eight or ten feet below the bottom of the old shaft to learn just what the Old-Timers were working in.

It is our thought that at the twenty dollar and sixty seven cent price at the time they were working they could not make a go of the mine. But at the present price it just could be a rich mine.

The second shaft is only about twenty feet deep but there is a few tons of ore on the dump that shows some free gold even after it has been picked over for many years. This shaft warrants some diamond drilling how much would be determined as drilling progresses.

We have our own diamond drill and can drill at a cost of from eight to twelve dollars per foot depending on the depth.

If you are interested we are prepared to offer you a two thirds interest in the property if you will finance the cost of drilling and install a mill or leaching operation. This is a general idea of what we have in mind, changes could be made to fit the situation.

I have already built the drill site with my bulldozer and drilling could commence in a matter of hours after we are in agreement.

It is my thought that with the present price of gold this mine could really pay off drilling will prove whether or not I am right.

I am told that this ore is ideal for leaching.

Respectfully yours

*[Signature]*  
ARIZONA MINE AND DRILLING INC.

P.S. This property is about 1/2 mile  
southwest of Bumble Bee  
Phone 276-7079 Phoenix



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine CUPRITE

Date March 4, 1980

District Black Canyon (Yavapai County)

Engineer Ken A. Phillips

Subject:

Mineral Commodities: Copper  
Gold (possibly)  
Silver (possibly)

Mine Name: Cuprite

Previous or Historical Names:

Probably many but no details are known.  
U.S. Energy Development Company

Location:

Legal Description: Section 19, T10N, R2E, G&SR, B&M.

Topographic Map: Bumble Bee 7½ Minute

Elevation: 3400' - 3700'

Mining District: Black Canyon

County and State: Yavapai County, Arizona

Directions: See attached copy from Bumble Bee Quadrangle Map.

Ownership:

Mr. Elery Brown  
Arizona Mine and Dredge, Inc.  
4845 South 36th Drive  
Phoenix, Arizona 85041

Telephone: (602) 276-7072

(Mr. Brown reports he is two-thirds (2/3) owner of Arizona Mine and Dredge Co.)

Property Description and Status:

Mr. Brown reported that the property consists of eight (8) Cuprite Lode Mining Claims on Federal minerals. The surface is surmised to be Bureau of Land Management land. He further reported that there were originally sixteen (16) claims but that a Doug Martin, one-third (1/3) partner in the company, said the other eight (8) were of no value and had been merely staked around the important claim for protection. No map of the claims was provided. Most of the claim stakes were reported to have been burned down in the previous Spring brush fire.

History:

Little history is known. Mr. Brown reported he and some partners staked the claims in the early 1970's, after discovery of some oxide copper mineralization. The claims were leased to a group known as U.S. Energy Development Company for a year. Apparently no development was done on the property by that group.

Past Production:

None known.

Workings:

Bulldozer work has been done to expose a 25'X50' face of altered granitic gneiss with some copper oxide stain. A few prospect pits have exposed minor amounts of copper oxide mineralization.

Geology:

The occurrence exists as a combination of quartz fissure veins in altered granitic gneiss and schist and as disseminated copper oxide in gneiss and schist. The mineralized structure strikes northeast and dips slightly south eastward to vertical. The quartz veins are 12" to 60" wide. Their length was not determined.

Mineralogy:

Chrysocolla and malachite are the prominent potentially commercial minerals. Some gold and associated silver is expected to exist in mineralized quartz stringers within the oxide copper area and in quartz veins some 60' to the southeast. Limonite is present in the quartz outcrops. Sericitic alteration is present in the gneiss and schist.

Samples:

At the time of visit (March 4, 1980), sixteen (16) samples were collected. Eleven (11) were taken across the face of the bulldozer cut which exposed the copper oxide material. These were taken in 5-foot intervals over 50 feet from south to north. Five (5) additional samples were taken from the property at various locations. A separate list of samples is attached.

Previous sampling and drilling had reportedly been done according to Mr. Brown. He stated that he drilled a 50-foot angle (54° E.) core hole under the face exposed in the bulldozer cut and a then Westcoast partner had the core assayed and it ran .5% Cu. No split was made. He also stated that Bagdad Copper Company had sampled the property and took some eighty (80) samples which ran .75% Cu.

Comments:

The property should be reconnaissance sampled as a possible gold exploration target. The use of geophysical surveys might be useful in determining the potential for a disseminated copper sulfide body below the oxides.

KAP:mw

Atch

SAMPLES TAKEN ON THE CUPRITE CLAIMS, MARCH 4, 1980

On March 4, 1980, sixteen (16) samples were taken from the Cuprite Claim Group. They are described below.

S-1 through S-11 were taken as channel samples along the base in the face of a 25' high bulldozer cut which exposed copper oxide bearing altered gneisses and schists. The samples were from the south to the north.

- S-1 0' - 5' Oxide copper in gneiss and schist.
- S-2 High graded mineralized quartz stringer a few inches wide within S-3 interval.
- S-3 5' - 10' Oxide copper in gneiss and schist.
- S-4 10' - 15' " " " " " "
- S-5 15' - 20' " " " " " "
- S-6 20' - 25' " " " " " "
- S-7 25' - 30' " " " " " "
- S-8 30' - 35' " " " " " "
- S-9 35' - 40' " " " " " "
- S-10 40' - 45' " " " " " "
- S-11 45' - 50' " " " " " "
- S-12 50' - 140' A grab sample along the road cut leading to the dozer cut. Rock is altered fine brown iron stained schist and gneiss.
- S-13 High grade grab sample of copper oxide stained rock on surface in dozer cuts above and to the east of face exposed from which S-1 through S-11 were taken.
- S-14 Chip sample along quartz vein 12" to 60" wide which will show whether or not the vein has any gold potential.
- S-15 Grab sample from Mr. Brown's blast hole (prospect pit) along road some 400' north of dozer cut. Rock contained small amount of oxide copper in altered rock.
- S-16 Grab sample from old prospect 75' north of S-15. Rock contained oxide copper in fine grained altered rock.

Mr. Jim McCarthy, with whose help and at whose request the samples were taken, has decided not to run the samples. He has based his decision on the reported results of previous samples and the terms Mr. Brown has requested for an operating base. Those terms are spelled out in copies of letters to McCarthy from Brown in the Cuprite file (DMR Cuprite Claims, Black Canyon District, Yavapai County). Mr. McCarthy will run S-12 and S-14 for gold for the sake of general interest. He said he will keep the samples at his home in Lake Montezuma, Arizona.

*Cuprite Mine file*

March 7, 1980

*Yavapai County*  
*11th Canyon State*

P. O. Box 385  
Lake Montezuma, Arizona 86342

Arizona Mining and Dredge, Inc.  
4845 South 36th Drive  
Phoenix, Arizona 85041

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Yours truly,

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