



CONTACT INFORMATION

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PRINTED: 09/06/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: W.W. ENTERPRIZE #1-4

ALTERNATE NAMES:

WHITE CLAIMS

W.W. METALS

MARICOPA COUNTY MILS NUMBER: 682

LOCATION: TOWNSHIP 3 N RANGE 6 W SECTION 3 QUARTER --

LATITUDE: N 33DEG 37MIN 26SEC LONGITUDE: W 112DEG 50MIN 59SEC

TOPO MAP NAME: BELMONT MTS - 15 MIN

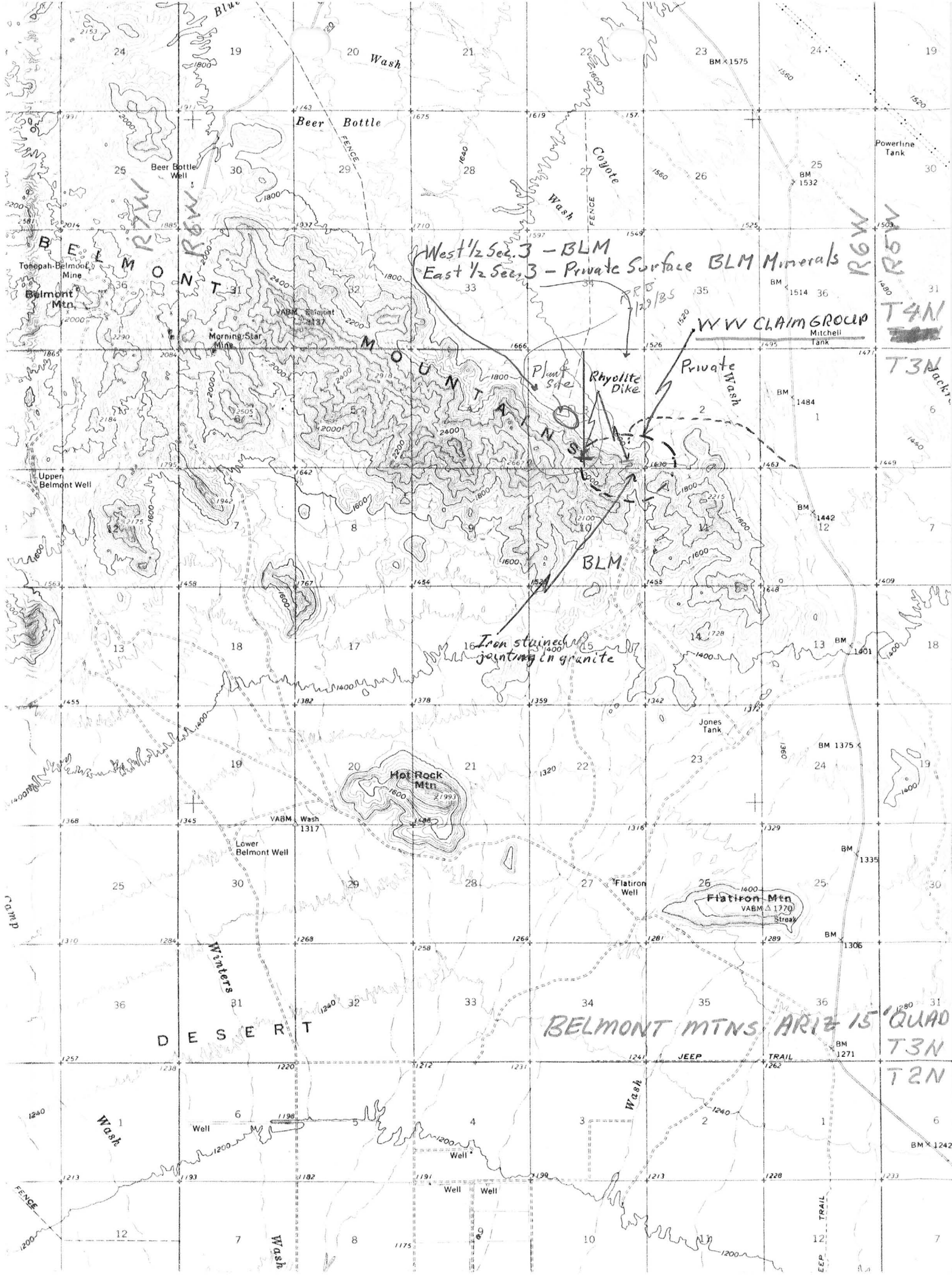
CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER OXIDE

BIBLIOGRAPHY:

ADMMR W.W. ENTERPRIZE #1-4 FILE



West 1/2 Sec. 3 - BLM
East 1/2 Sec. 3 - Private Surface BLM Minerals

WVW CLAIM GROUP
Mitchell Tank

Plant Site
Rhyolite Dike
Private Wash

16 Iron stained joints in granite

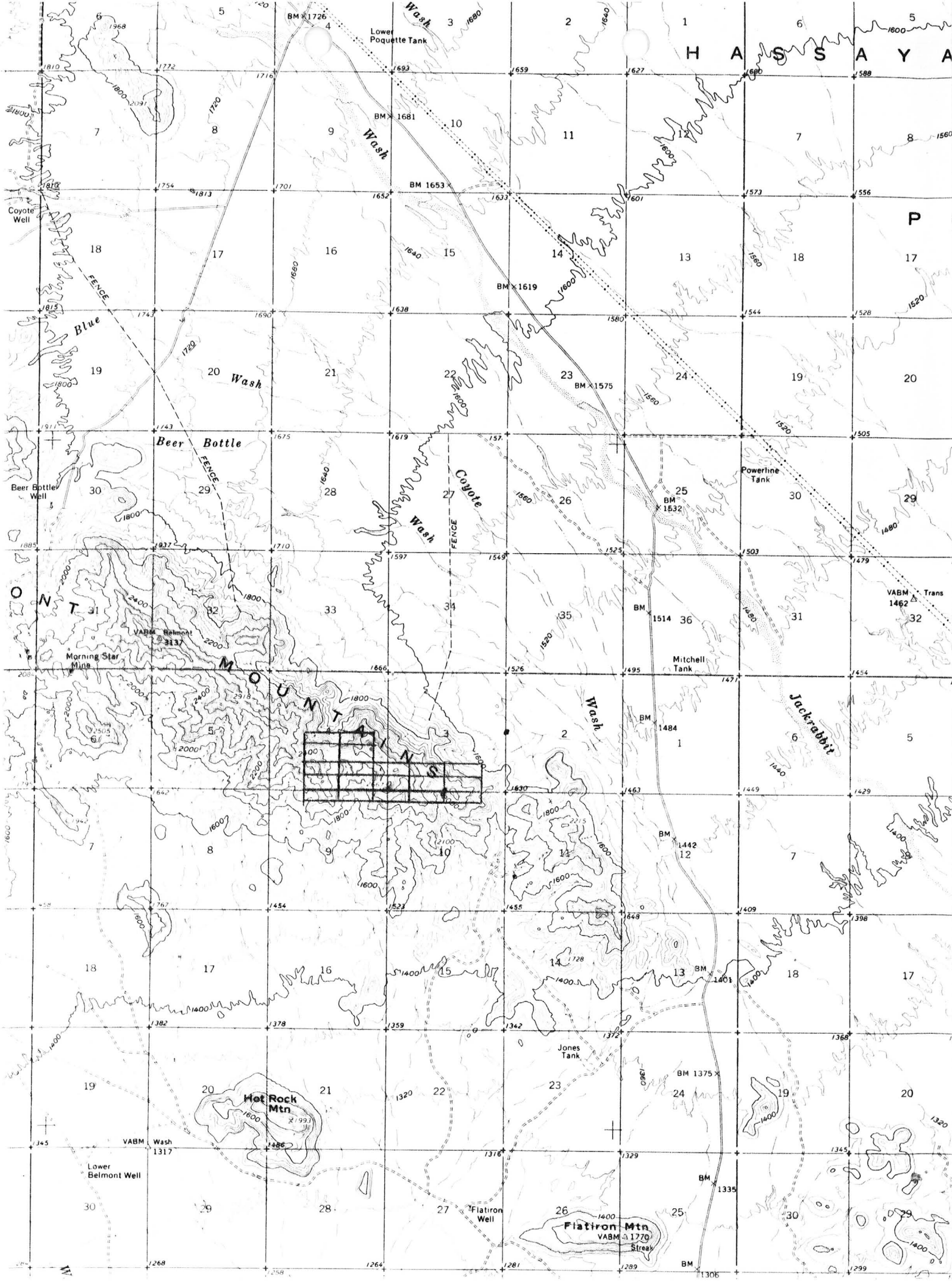
BELMONT MOUNTAINS ARIZ 15' QUAD
T3N
T2N

R6W
R5W
T4N
T3N

T4N
T3N

BM 1242

EEP TRAIL



T. 3. N., R. 6 W. G. & S. R. B. M.

WHITE # 1 - 19 N

OSBORN DIST. MARICOPA COUNTY

SEC. 3



SEC 4

ONE MILE

15	14			
16	13			
17	12	7	6	5
18	11	8	3	1
19	10	9	2	4

SEC. 2

SEC. 11

QUARTER SEC.

1700' S44°W

SEC. 9

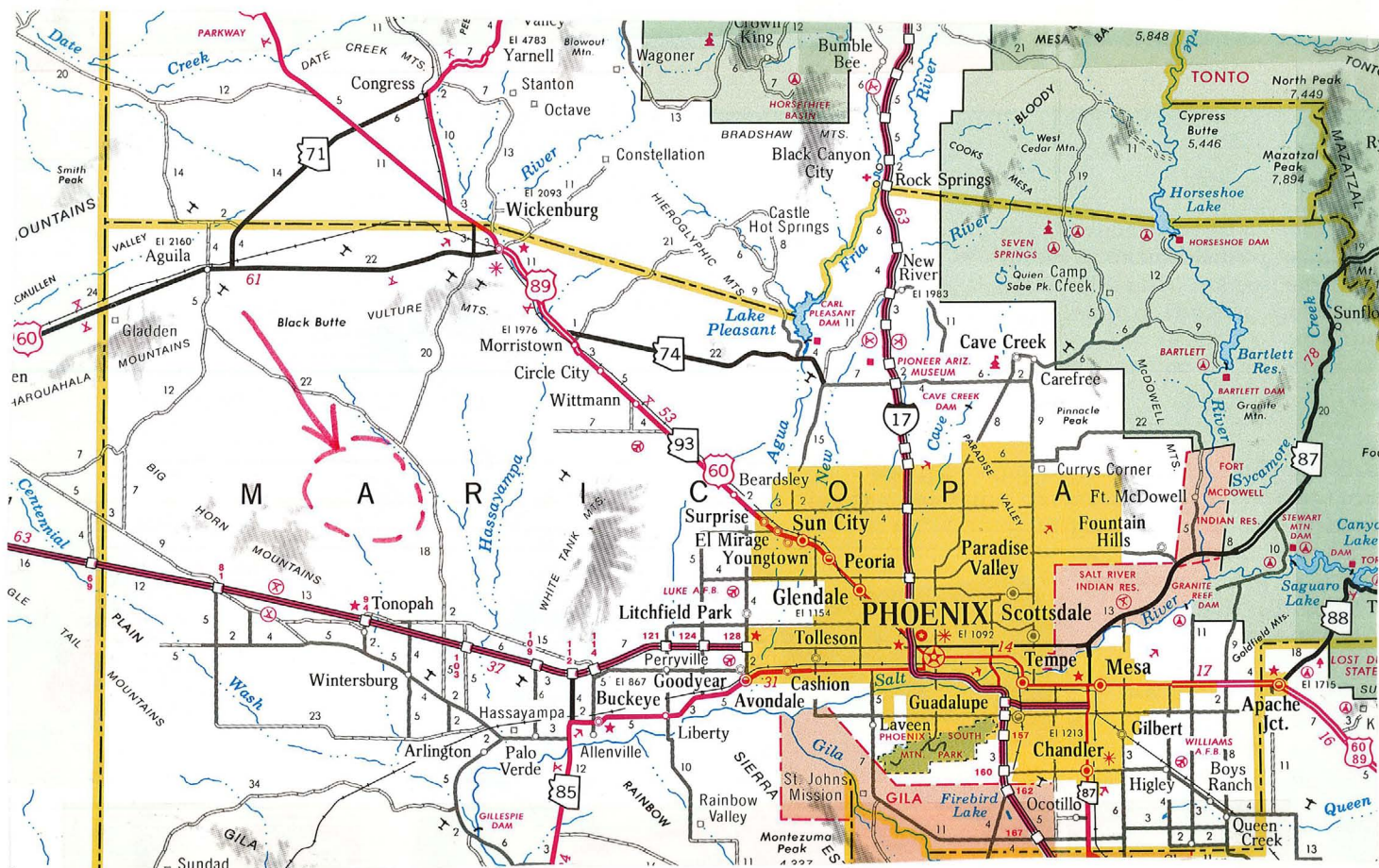
SEC. 10

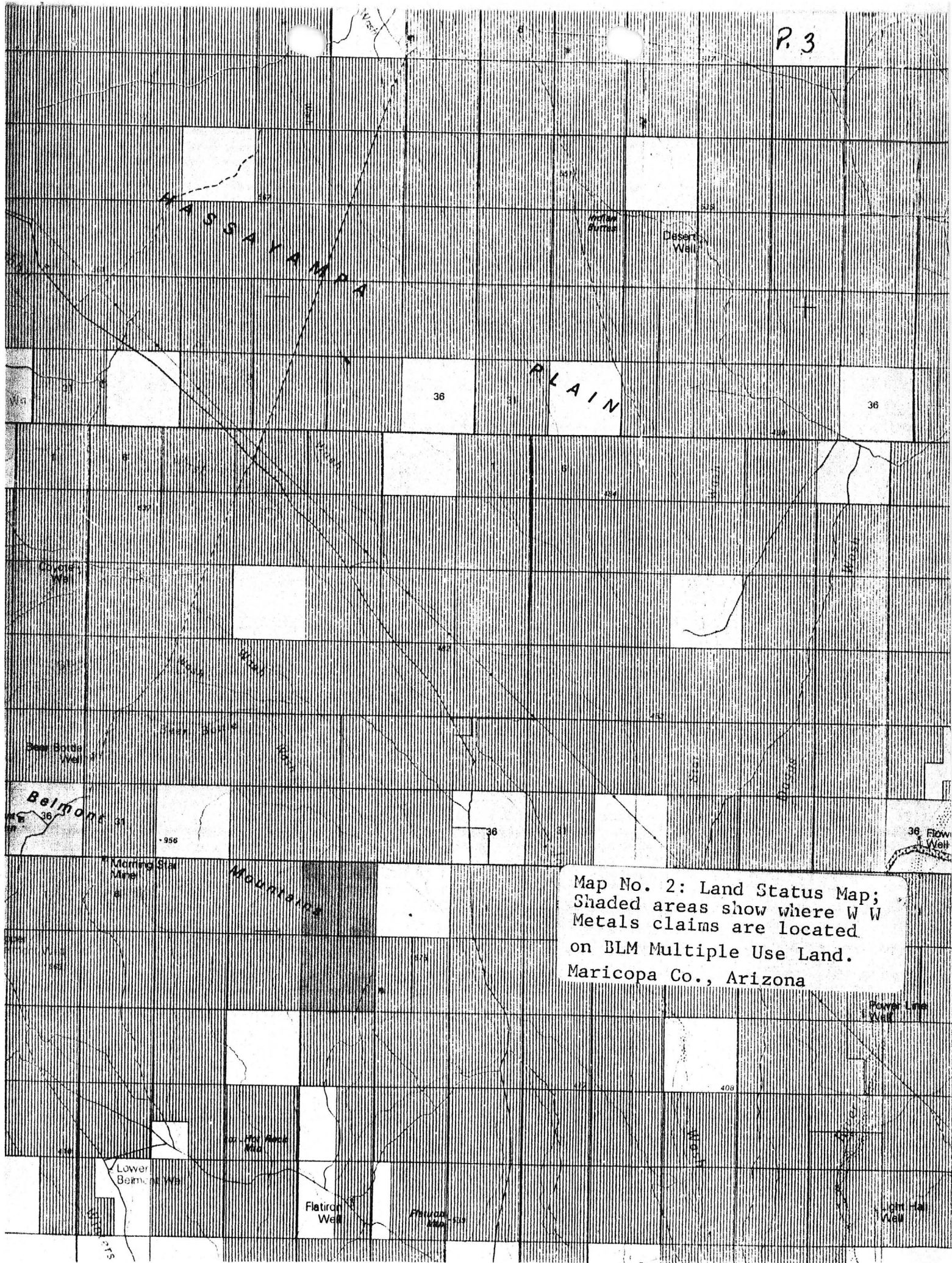


Map No. 1: General Location Map of the W W Metals unpatented lode mining claims. Maricopa Co., Az

W W CLAIM GROUP
(Maricopa County)

Map Showing General Area Of Location





Map No. 2: Land Status Map;
 Shaded areas show where W W
 Metals claims are located
 on BLM Multiple Use Land.
 Maricopa Co., Arizona

KAP WR 1/10/86: Dub White called and explained that all activity at his W.W. Claims (file), Maricopa County has stopped and he is awaiting money to continue his copper leaching pilot operation.

NJN WR 2/28/86: Dub White reports that he has obtained finances to resume development of a heap leaching operation at the W.W. Enterprise Claims, Maricopa County.

RRB WR 3/21/86: Dub White reports that he has bought out the interest of Al Mitchell in the W.W. Enterprize copper leaching project. He says that he now has about 80% of project and a new investor has 15%.

RRB WR 4/25/86: Dub White reports that he is still seeking financial backing to continue development of the W. W. Enterprise copper leaching operation.

RRB WR 4/1/88: Dub White brought by some concentrates, middlings and tailings from a tabling test done by Stutenroth on ore from the W W Enterprise Claims, Maricopa County. He said that Inspiration will run assays for him.

MILS # 682

KAP WR 12/18/81: Dub White of Buckeye brought in samples of gold, silver, lead bearing material which he reported was cut from a vein in the Painted Rock Mountains area of Maricopa County (NE of Gila Bend). An exact location was not given as he has not yet located claims on the property.

KAP WR 12/24/82: In the company of "Dub" White traveled to his W. W. Metals #1-13 group of claims in the Belmont Mountains. A separate report has been written.

KAP WR 2/4/83: Mr. W. G. "Dub" White reported he is drilling and shooting along the vein on his W. W. Claims. He has developed additional showings of copper along the strike.

KAP WR 2/11/83: W. G. "Dub" White reported he has received permission to construct a "cat" road to the copper showings on his W. W. Claims. He plans the work in the immediate future.

W. G. "Dub" White reported the results of a selected grab sample of "new" material from his copper oxide showing on his W. W. Claims. The results are: Cu 3.0%, Au 0.02 tr. oz/ton and Ag 0.40 tr. oz/ton.

KAP WR 2/18/83: W. G. "Dub" White reported on the land position at his W. W. Claims. The surface is private and was patented under exchange with the minerals reserved to the Federal Government and open to location. He explained he has written the surface owners and explained his plans to cut a road. He has as yet received no response. The BLM officials are reported to have told him to go ahead.

KAP WR 2/28/83: W. G. "Dub" White reported he has started work on his "Cat" trail on the W W Claims.

KAP WR 8/5/83: W. G. "Dub" White reported he is making a dozer cut along the strike of a copper oxide bearing structure on his WW Claims in Maricopa County.

GW WR 4/12/76: Went to Buckeye and accompanied W. G. White to his 20 W-L claims in Sec. 3, T3N R6W where about 2 ft. of oxide Cu mineralization occurs in a 7 ft-wide shear zone in monzonite. The zone trends N 80 W & dips 50° South. It has been opened by shallow diggings in 3 widely spaced points. This is very steep, rough topography and the mineralization occurs near the top of a ridge but can be traced into a steep, narrow canyon, where additional work was suggested. Over the ridge to the south, perhaps 200 ft., is another outcrop of hematite with very sparse malachite on which a small hole has been dug. Mr. White had a helicopter fly his 100 cpm compressor to the top of the ridge 2 years ago at a cost of \$495.00.

As per conversation with Ken Phillips, 11/27/79, the White 1-19 claims have been relocated and the name changed to W.W. Enterprizes #1-4.

KAP It is believed that the W.W. Metals 1-3 lode mining claims have been located by Mr. W.G. White on ground in Sec. 3 & 10, T3N R6W which was previously held by him as the W.W. Enterprizes 1-4.

W. W. ENTERPRIZE # 1-4

MARICOPA COUNTY
OSBORN DISTRICT

KAP WR 10/28/83: A visit was made to the W.W. Claims. Mr. White has cut a dozer trail to the vein and has begun making cuts along the structure on the north side of the ridge. Oxide copper mineralization can now be traced along strike for nearly 300 feet. A sample of selected iron stained vein material with boxwork was taken for gold and silver assay. The results were: Gold - trace; Silver - Nil. The sample was ADMR 102883-1. A copy of the certificate is included in the file. Mr. White was advised to continue exposing the vein along its outcrop.

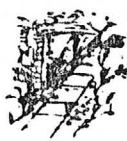
KAP WR 5/31/85: Dub White reports he is planning a pilot copper heap leaching operation at his W.W. Enterprise #1-4 (f). Initial plans are to leach 300 tons. He is reporting grades as high as 38% copper.

RRB WR 7/5/85: Discussed the process of heap leaching and cementation of copper with Dub White. He is planning to start leaching at the W.W. Enterprise claims (f) Maricopa Co as soon as he can get set up.

RRB WR 8/2/85: Visited the W.W. Enterprize Property, Maricopa County with Dub White, Dave White, Al Mitchell and Russ Adams to discuss their plans for a heap leach cementation operation. See progress report.

KAP WR 7/26/85: Mr White reported he had gotten BLM approval to develop a small acid heap leach operation to recover copper at his WW Claims (f) Maricopa County. He plans the operation on a pilot basis. Dick Beard (ADMMR) will provide him some technical guidance.

KAP WR 9/20/85: "Dub" White brought in a copy of a consultant's report he had done on his W W Claims (file), Maricopa County. He explained that it was done at the insistence of the BLM. The report addresses the potential of the property as a precious metal exploration target. Unfortunately it did not address the size of the oxide copper deposit. Mr. White is trying to develop the deposit for acid heap leaching.



W.W. ENTERPRIZE #1-4 (F)

Office of State Mine Inspector

705 West Wing, Capitol Building
Phoenix, Arizona 85007
602-255-5971

85813400

NOTICE TO ARIZONA STATE MINE INSPECTOR

In compliance with Arizona Revised Statute Section 27-303*, we are submitting this written notice to the Arizona State Mine Inspector (705 West Wing, Capitol Building, Phoenix, Arizona 85007) of our intent to start stop (please circle one) a mining operation.

COMPANY NAME W. & M Mining Inc. (make card)

CHIEF OFFICER William G. White (Dub)

COMPANY ADDRESS P.O. Box 776

COMPANY TELEPHONE NUMBER 602-386-3754 Bushy

MINE OR PLANT NAME Enter prize

MINE OR PLANT LOCATION (including county and nearest town, as well as directions for locating by vehicle)

From Buckeye go to I-10 and go west to 339 Ave. Turn North go to Indian School Rd. Turn West go to 355th Ave or Wickenburg Rd. go past Centrl Az Project 3.6 miles Turn left follow Rd about 3 1/2 miles.

TYPE OF OPERATION _____ PRINCIPAL PRODUCT Copper

STARTING DATE Aug 1, 1985 CLOSING DATE _____

DURATION OF OPERATION duration of mine.

PERSON SENDING THIS NOTICE W. G. White

TITLE OF PERSON SENDING THIS NOTICE president of Corporation

DATE NOTICE SENT TO STATE MINE INSPECTOR 8-1-85

*A.R.S. Section 27-303 NOTIFICATION TO INSPECTOR OF BEGINNING OR SUSPENDING OPERATIONS: When mining operations are commenced in any mine or when operations therein are permanently suspended, the operator shall give written notice to the inspector at his office prior to commencement or suspension of operations.

RECEIVED
SEP 16 1985
DEPT. OF MINES &
REVENUE & MINERAL RESOURCES

PROGRESS REPORT

MINE: W. W. Enterprise

DATE: October 3-7, 1985

ENGINEER: Richard R. Beard

On October 3, 1985 I assisted Dub White and Al Mitchell set up leaching test at Mr. Mitchell's residence on 355th Ave.

The ore was broken to about minus 2 in. by Mr. Mitchell's son using a hammer. It was then placed in a 55 gallon, plastic lined cardboard barrel. It was weighed and sampled as it was placed in the barrel. A 30 gal. plastic barrel was used for a head/mixing tank and another one for pregnant solution/precipitation launder. A stainless steel pump was used to pump the effluent back to the head tank for recirculation (see sketch & photos)

Leaching started at about 2:30 p.m. with a 10% acid solution. Concentrated acid was added to the mixing tank at the rate of .25 gal. per hour until a total of 5 gal. had been used. Circulation was stopped for 21 hours the night of October 5 and morning of October 6.

At noon on October 7, I assisted Al Mitchell in sampling the leach residue, decanting the solution and weighing and sampling the cement copper.

The samples were taken to Jim Roy Weatherby at Silver Systems for assay.

Leach Test - W. W. Enterprise

Test No. 1

Date: 10/3/85

Ore

Minerals: Chrysocolla, Malachite, ??

Gangue: Rhyolite, Granite

Location: Upper Open Cut

Weight 471 lbs; Moist. 0.48%; T.Cu 3.47%; A.S. Cu 3.23%

Reagents

Acid: 5.0 gal.; 93.2% H₂SO₄

Iron: Type Baling Wire; In 40 lbs; Out 17 lbs

Water: In 56½+10 gal.; Circulating 1.3 gpm.

Out 26½ gal; Cu .02 gpl; H₂SO₄ 3.7 gpl.; Fe 62.02 gpl

Cement Copper

Weight 28 lbs; Moist 48.99 %; Cu 87.54%; Fe 1.57%

Leach Residue

Weight 454 (calc) lbs; Moist. 2.69%; T.Cu 2.37%; A.S. Cu 1.93%

Leaching started about 2:30 p.m., October 3, 1985, with 10% acid solution. Added .25 gal. of concentrated acid to head tank every hour until total of 5.0 gal. had been used.

Shut down circulation for 21 hours the night of October 5, 1985 and morning of October 6, 1985. Ended test noon October 7, 1985.

Ore crushed to about minus 2 inch.

Metallurgical Balance

Copper in 471# x 3.47% Cu = 16.34 # Copper

Copper out. 454 # x 2.37% Cu = 10.76 # Copper

Cement 28 # x 59% Moist. x 87.54% Cu = 12.0 # Copper

Total Out 22.76# Copper

Acid Consumption

5 gal. x 1.8 x 93% x 8.35#/gal = 70# Acid

$$\frac{70\# \text{ Acid}}{16.34\# \text{ Copper}} = 4.28\# \text{ Acid/\#Copper}$$

Iron Consumption

40# in minus 17# out = 23#

$$\frac{23\# \text{ Iron}}{16.34\# \text{ Copper}} = 1.4\# \text{ Fe/\#Copper}$$

LEGEND:

Cu = Copper

T.Cu = Total Copper

A.S. Cu = Acid Soluble Copper

Fe = Iron

H₂SO₄ = Sulfuric Acid

gpm = Gallons Per Minute

gpl = Grams Per Liter

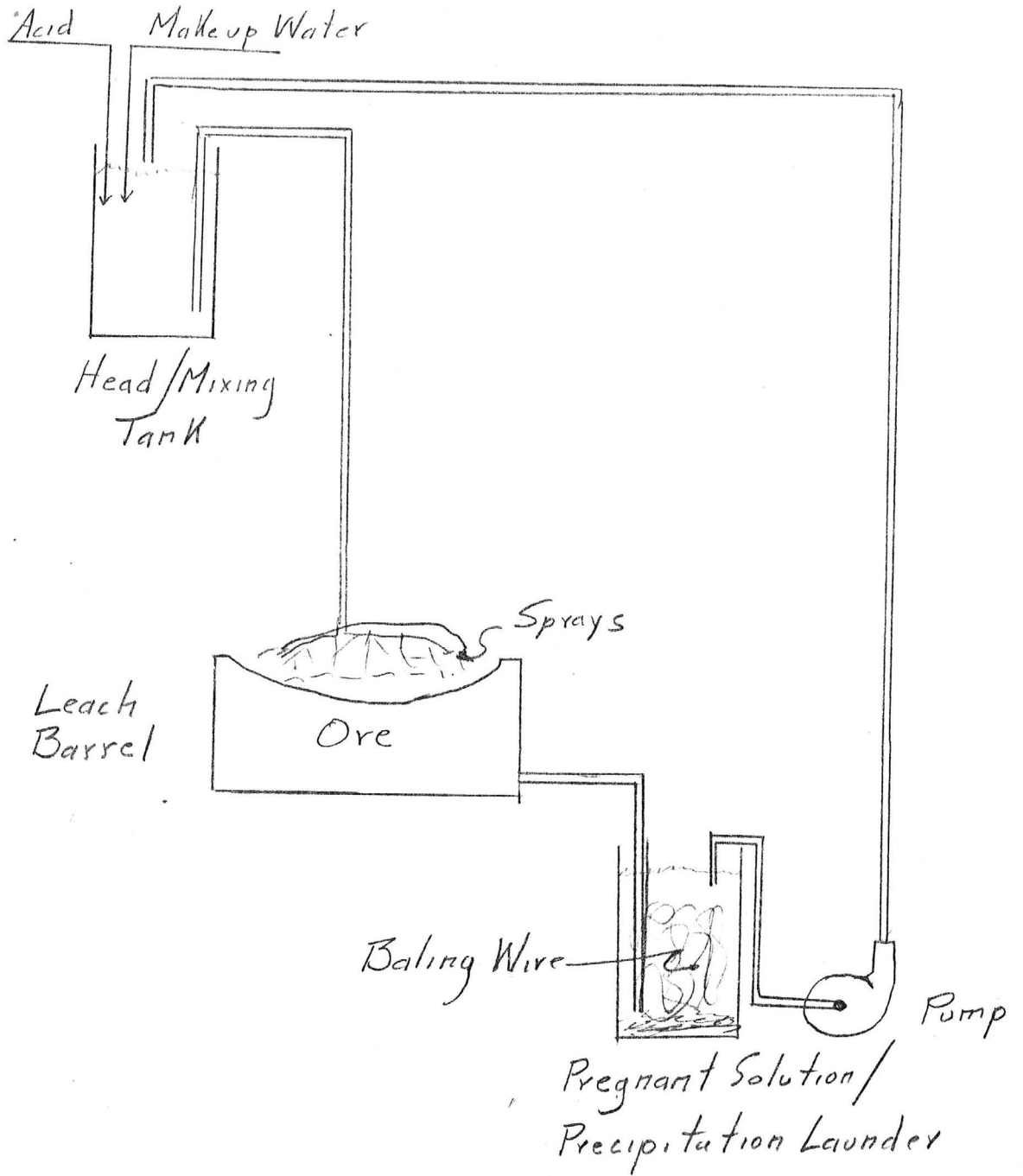
Discussion:

The poor metallurgical balance is believed to be the result of poor sampling of the ore and leach residue.

The acid consumption of 4.28#/#Cu (Theoretical = 1.54#/#Cu; Practical 2 to 3#/#Cu) is likely due to the large particle size which prevented the acid from coming into contact with the copper minerals. This also caused the deposition of gypsum on the ore since the acid worked on the gangue minerals.

The leaching penetrated 1/4 inch or less into the rock particles indicating that the ore should be crushed to minus 3/8 inch. This may have to be adjusted upward if sufficient fines are generated to cause channeling of the leach solution through the heap.

The increased leach time indicated by the poor recovery may not be required at the finer size. However, the larger, unconfined area on a leach pad will also tend to require a longer leach time.



W.W. Enterprise Copper Leaching Project

Current plans are to construct a series of asphalt lined pads terraced down the hillside with the cementation launders at the bottom. (see photo No. 1).

Ore will be hauled from the vein (see photo No. 2) with a front end loader to the crusher area (see photo No. 3) where it will be crushed and then placed on the pad.

To start, water will have to be hauled in to a head tank above the leach pads from which it will flow to a mixing tank where sulfuric acid will be added. The acid solution will be sprayed on the heaped ore using Bagdad Wridders. The pregnant solution will be collected at the toe of the heap and passed over coiled baling wire in the cementation launder to precipitate the copper. The barren solution will be pumped back up to the mixing tank for reuse with a percentage to be bled to an evaporation pond to prevent the excessive build-up of iron in the circuit.

The cement copper will be removed from the launder to a drying pad by front end loader and will be shipped to market when dry enough to handle easily.

Richard R. Beard
Mining Engineer

Arizona Testing Laboratories

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

For Mr. W. G. White
Box 585
Buckeye, AZ. 85326

Date December 17, 1981

W.W. Enterprize 1-4
T3N R6W Sec. 3410

95080-3

ASSAY CERTIFICATE

LAB NO.	IDENTIFICATION	OZ. PER TON		PERCENTAGES		
		GOLD	SILVER	COPPER	Molybdenum	Lead
4538	No Mark	0.32	0.05	0.65	0.16	0.92

Sample of crushed vein material from his prospect at the Painted Rock Mountain

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
Claude E. McLean, Jr.



W. G. WHITE CLAIMS

Maricopa County

Arizona

For

W. G. White

By

Michael R. Sheets

C. P. G. S. No. 4808

August 1985

Below is a summary report during a one day visit to the W.S. White claims, located in northern Maricopa County, Arizona.

Purpose

The purpose of the visit was to ascertain if a viable copper, gold, or silver outcrops on the five (5) unpatented lode mining claims. In addition, a preliminary exploration geology and sampling plan was discussed, and its approximate cost to accomplish a two (2) week program including a written report.

Location and Access

The W.S. White unpatented lode mining claims are located in the Belmont Mountains on the western segment of the Hassayampa Plain. The claims can be found in Sections 3 and 10; Township 3 North, Range 6 West, Gila and Salt River Base Meridian. Refer to Map No. 1 & 2, pages 2 & 3.

The WW Metals claims are located about 15 miles north of Tonopah, and about 25 miles south of Wickenburg, Arizona. The property is accessed by the Tonopah-Wickenburg graded, county gravel road. The claims are approximately 2 to 3 miles west of the road.

History

Since the claim area has no production record, nor historical workings on sight, there is no historical significance to the property.

Geology

The geology of the claim area is similar to other areas of the Hassayampa Region. A Precambrian basement complex of granite (felsic) to granodiorite (intermediate composition) extensively outcrops, and is in part overlain by Tertiary volcanic intrusive and extrusive rocks of felsic to mafic composition.

Precambrian Rocks

The Precambrian outcrops over a wide area. The composition ranges from coarse grained granite to a finer grained granodiorite. The granodiorite weathers to rounded boulders, light brown in color. The granite, on the other hand, weathers readily into decomposed granite outcrops. There is no economic significance of either rock.

Tertiary Rocks

The Belmont Mountains are composed of both rhyolite and dacite porphyry's in addition to the Precambrian intrusive complex. Occupying tectonic joints and fractures are andesite and basalt of late Tertiary age.

The dacite porphyry is probably the oldest. It is grey in color, phaneritic in texture, and silicious. Although no secondary quartz veining was observed in outcrop, the rock should be considered a gold horizon. In hand specimen, the biotite appears fresh and unaltered. The rock, because of its high pervassive silica content, weathers to jagged outcrops which stand out readily.

The youngest of the two is the rhyolite porphyry. It is believed to be the most important voluminous metals horizon as disseminated limonite after sulfides were seen in outcrop. The rhyolite porphyry is light grey in color, phaneritic in texture (often very coarse grained), silicious, and often contains secondary quartz crystals instead of secondary quartz veinleting.

Andesite/basalt intrudes all of the above rocks. The mafic rocks (andesite/basalt) appear to be non-selective in favoring any particular set of joint fractures. The mafic

rocks appear to have invaded previously mineralized fractures and joints. The mafic rocks are dark grey to black in color, aphanitic in texture, and are in the process of weathering to clays on surface outcrops. Both surface cuts observed on the claims are developed in the mafic/felsic contacts.

Mineralization

The mineralization observed in outcrop consists of copper oxides, with minor copper sulfates, and oxidized (copper?) sulfides. This mineralization, it is believed, was implaced prior to the flooding of mafic rocks. In addition, acidic secondary quartz and solutions of sulfides were probably being implaced from a cooling and possibly tectonic-ally active magmatic source.

The veinlets of oxidized sulfides range from 1/10 of an inch to as much as one (1) inch across, which are engulfed within the andesite/basalt intrusives. Although rich in copper, gold and silver is also suspected to occur in low grade amounts.

Platinum, according to the property owner, has been reported to occur in values of less than .250 parts per million (PPM) in the mafic volcanics. This is considered to

be background geochemical "noise" which appears to be pervasive in the Hassayampa Region of Arizona.

The indigenous disseminated limonite after sulfides found in the rhyolite porphyry outcrops should be assayed for gold and silver. These could be voluminous and worthy of a planned exploration program.

✓ Recommendations

Having seen the property, I suggest the following exploration Phases be undertaken to identify potential metallized, possibly economic targets.

Phase I:

1. Complete reconnaissance geology and sampling program over the claims to ascertain targets of copper, gold, and silver.
2. Plot identified targets on map with scale of 1"=200 feet, including written report.
3. Decision point: GO OR NO GO!

Phase II:

1. Explore by geology and grid channel sampling the targets delineated or identified in Steps 1 and 2 above, should a GO decision be made.
2. Plot target geology and grid channel sampling results on a

map with a scale of 1"=100 feet. Complete a sample histogram of metals assayed for. This will positively identify the target in terms of assay values. Written report.

3. Draw geological cross sections and sample cross sections at a scale of 1"=50 feet.

7. Decision point: GO OR NO GO!

Phase III:

1. Plan drilling program should a GO decision be made. Holes should be spaced so that surface sample results identified can be prospected at depth.

Should a NO GO decision be made in Phases I or II, drop the property. Should all Steps be on the GO side, proceed systematically with development planning.

Costs

Below is a cost estimate for the first two preliminary exploration phases, up to the point of drilling, should the decisions be on the " GO " side.

Phase I:

Geological services (\$325.00/day) 5 days	\$1625.00
Sampling: 50 samples for Cu, Au, Ag (est 12.00 ea)	600.00
Office work, (\$150.00/day) 3 days map work	450.00
Report writing, (\$150.00/day) 2 days	300.00
Travel, .35 per mile (1,000 miles)	350.00

(9)

Lodging, meals, telephone (\$60.00/day, 5 days)	300.00
Contingency, approximately 15%	550.00
Total:	\$4175.00

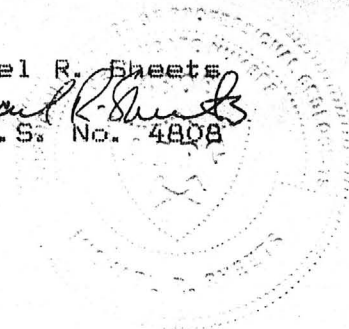
Phase II:

Geological Services (\$325.00/day, 10 days)	\$3250.00
Sampling: 200 samples, Cu, Au, Ag (est 12.00 ea)	2400.00
Office work: \$150.00/day, 3 days map preparation	450.00
Report writing, \$150.00/day, 3 days	450.00
Travel: .35 per mile, 2,000 miles	700.00
Lodging, meals, telephone (\$60.00/day, 10 days)	600.00
Contingency, approximately 15%	1175.00
Total:	\$9027.00

It must be understood the above costs are only estimates based on past experience on other, similar properties. Actual costs would probably be lower.

The above report is respectfully submitted.

Michael R. Sheets
Michael R. Sheets
C. P. G. S. No. 4808





Silver Systems Inc.

A

1249

2114 W. DESERT COVE PHOENIX, ARIZONA 85029
602-861-2138

Name WW Claims Control # _____
Date 11-17-83

Address _____

City _____ State _____ Zip _____

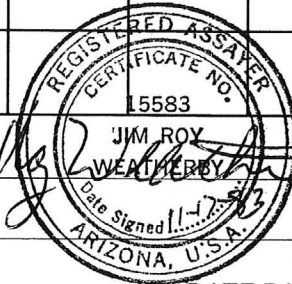
Type of Material: ASSAY MELT BOTH OTHER

Assay For: Ag Au Pt Pd Other _____

Date Due: _____ Date Complete: _____

Sample	RESULTS					
	<u>Ag</u>	<u>Au</u>	Pt	Pd	Other	Other
102883-1	Tr.	nil				

Assayer Jim Roy



Remarks: _____

TOTAL AMOUNT DUE: \$ _____ DATE PAID: _____

I hereby certify that I have the authorization to release the materials listed above for assay and/or melting. I further certify that I hold true and lawful title to all materials listed above and have met all state and federal requirements concerning these.

RELEASED BY: _____

RECEIVED BY: _____

Sheet 1 of 2

COMMODITIES Copper, Gold, Silver, Chrysocolla Gem StonesMILS ID No. 682 Date December 21, 1982ENGINEER Ken A. PhillipsINFORMATION FROM: Field Visit December 21, 1982 with ownerPROPERTY SUMMARYI. MINE NAME W W OTHER POSSIBLE NAMES White Claims, W.W. Enterprize
INCLUDING ANY CLAIM NAMES NOTEDII. LOCATION: T 3N R 6W SEC(S) 3 SE $\frac{1}{4}$ MINE DISTRICT OsbornELEV. 1700' COUNTY Maricopa TOPO QUAD. Belmont Mtn. 15'DIRECTIONS as shown on copies attached

MAP ATTACHED _____

III. OWNERSHIP: NAME W.S. (W.G.?) "Dub" White PHONE _____ADDRESS: 804 Lincoln, Buckeye, Arizona 85326

COMPANY NAME IF ANY: _____

PERTINENT PEOPLE _____

IV. PROPERTY AND HOLDINGS: Unpatented claims on BLM administered landsV. PAST PRODUCTION - NOTED, KNOWN, PROBABLE, UNKNOWN, NONE up to a couple of tons of
gem chrysolcollaIV. CURRENT STATUS: Prospecting, sampling, trenchingIIV. WORKINGS: Pit on vein 12' deep, numerous shallow pitsIIV. GEOLOGY AND MINERALOGY: DEPOSIT TYPE: Vein, maybe also disseminated instockworkLENGTH: 300'+ WIDTH: 8' - 12' VEIN STRIKE East West - Dips steeply southHOST ROCK: Rhyolite dike in granite, thin veining in joint patterns in graniteECONOMIC MINERALS: Copper oxides, chrysocolla (gem material)COMMENTS: Copper oxides permeate the hanging portion of the rhyolite dike over a
width of 8 - 12'. Iron stained leached vein zone $\frac{1}{2}$ - 1' wide above hanging wall of
rhyolite may have been source of copper. See back.IX. EQUIPMENT ON SIGHT: Compressor, air line to prospect pit.

X. SAMPLING: NOTE TYPE IF ANY, DRILLING? Pits along vein have been sampled for copper.

XI. REFERENCES AND REMARKS Mr. White plans to open more of the ground along the rhyolite structure in hopes of proving sufficient tonnage of shipping grade oxide copper ore to develop the property. A geologist (Mr. Eastlick) from Inspiration Copper has recently visited the property.

A relatively high grade of copper mineralization over a minable width would have to be proven to justify mining.

The use of geophysical methods such as induced polarization would be useful in determining if the property justifies exploration as a disseminated copper target.

Mr. White further plans to sample a number of the small quartz iron stained stringers in the fractured granite body for gold to determine if there are any gold values.