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PRINTED: 01/15/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: COPPER BOTTOM MINE

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 103

LOCATION: TOWNSHIP 3 N RANGE 20 W SECTION 28 QUARTER NW
LATITUDE: N 33DEG 34MIN 41SEC LONGITUDE: W 114DEG 19MIN 59SEC
TOPO MAP NAME: CUNNINGHAM MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER SULFIDE
GOLD LODE
SILVER

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 156
ADMMR COPPER BOTTOM MINE FILE

COPPER BOTTOM MINE

YUMA COUNTY

Taken from list of patented claims Yuma Co. - 5-20-58

Copper Bottom Mine - Yuma County

Mrs. Helen L. Clausen
% Halsy L. Williams
Mayfair Hotel
7th and Whitmer
Los Angeles, California

Mr. Lipe purchased Copper Bottom claims No's. 1-11, U.S. Min. Survey No. 1876, Patent No. 88732
Sec. 28, T3N, R20W.

Mr. Robert Wills said they were unable to make a deal with Mr. Lipes for the Copper Bottom
although they had looked at it. GW WR 4-25-74

NAME OF MINE: COPPER BOTTOM

COUNTY: Yuma

DISTRICT:

METALS: Cu

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

8/44

Guy Hendrix, Quartzsite,
Supt.

8/44

Tunneling

9/44

Closed

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Copper Bottom

Date September 8, 1960

District La Paz-Quartzsite District, Yuma Co.

Engineer Lewis A. Smith

Subject: Interview with Wm. Kaiser, Quartzsite

Mr. Kaiser stated that the ore deposit was a quartz with high grade streaks and pods of tetrahedrite and gold. The property had a 600 foot tunnel. The shaft encountered 12 feet of mineralized material at the 200 and 400 foot levels but this was very low grade. He stated that the tetrahedrite locally ran very high in silver.

Conference with Iva M. Gerig, 1345 W. Monroe (corner of 15th avenue and W. Monroe)
Phone AL 4-5785, February 24, 1967.

Claims: 11 patented claims. SEC 28, T3N, R20W, US

Owner: Mrs. Iva M. Gerig (1967)

MEMO LAS 2-27-67

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine COPPER BOTTOM

Date October 20, 1942

District Plomosa, Yuma Co., Ariz.

Engineer Elgin B. Holt

Subject:

PRODUCTION POSSIBILITY SURVEY

OWNERS: Helen L. Clausen, 3405 W. Jewett St., San Diego, Calif. and Ed Hussen, Quartzsite, Arizona.

LESSEE: Halsey L. Williams, Camp Pickett, Virginia.

LOCATION:

The Copper Bottom property is located 15 miles southwest of Quartzsite, Arizona, with which point it is connected by a fair desert road, which could be put in shape for steady truck hauling at an expense of \$500. Metals produced by this mine are copper, gold and silver.

HISTORICAL:

This property was worked by a company around 1905, during which year, according to Ed Hussen, a bonanza was encountered in the upper workings of the mine which yielded 49 tons assaying \$278 per ton in copper, gold and silver. Considerable underground work was done by the said company, most of which was badly directed as will be seen by a study of the sketch maps herewith attached. Halsey L. Williams obtained a lease and option on property from owners during 1940 and has carried out some development work therein.

VISIT:

I visited this property on October 15, 1942, in company with Rex Thompson, representing Williams, Jim Lopez and Ed Hussen. I went through the principal workings of the property, excepting the lower tunnel (Tunnel No. 1) and inspected the various veins and surface showings of ore, as well as a part of the assay records and smelter returns from ore shipments from the property. While it would take at least 30 days time with a crew of six men to thoroughly sample the mine workings, including the many surface outcroppings of ore, and then probably three weeks thereafter to draw up a full report on this property, I am now merely setting forth in this hurried statement my views concerning the general features of this property, as well as my opinion as to the nature of certain exploratory work that should be done, and also outlining the potential possibilities of the said property.

AREA:

The Copper Bottom group consists of 11 patented and four unpatented claims.

GEOLOGY - VEINS:

The country rock is limestone, which has been impregnated by silica along lines of shearing and fault zones. There are two mother veins on property, which for the want of a better expression, I have termed "vein-dikes". The main one of these two, and which is called "the dike" by Messrs. Hussen and Thompson, strikes north and south across a high ridge, dips 80 degrees west and is traceable, per Hussen, 4,500 feet on the surface, and has copper-gold-silver ore showing at intervals all along that distance. Also, its width ranges from 15 to 20 feet. Hence, though undeveloped, its potential possibilities as a source of large mill tonnage are most excellent in-

deed. (See Maps). The other "vein-dike" or strikes northeast and southwest, and is located near the Copper Bottom camp buildings, at the foot of the hill below and south of the main mine workings. Test pits on this "dike" are known as the "Camp Workings", and these are not shown on the sketch maps submitted herewith. Intersecting the first and main "dike" mentioned, at a point half way up the main ridge, is a shear zone in which are found a number of parallel stringers of rich copper-gold-silver ore. The strike of this shear zone is N. 45 degrees E., dip 80 degrees S. E. This zone and stringers intersect the main "dike" near the top of the ridge. Both Tunnel No. 2 and the "Upper Tunnel" were driven for the purpose of removing rich ore from these stringers, assaying through the years around 35% copper, 45 ounces silver and 3 ounces gold per ton. Also, the 49 ton bonanza mentioned was taken out of the said upper tunnel. Again, at the point, more or less, where the said zone and stringers intersect the main dike, there is a fairly well defined ore shoot on the dike, cropping at surface, for a length of 300 feet. This surface ore shoot was thoroughly sampled by Art Walker and O. R. Heidrick, engineers in the employ of Williams, in 1940; but Mr. Thompson was unable to give me the results of their entire sampling. However, in the assay reports by Smith-Emery Company, attached hereto and which were furnished me by Mr. Thompson, it will be noted from assay certificate dated April 21, 1940, a 100 pound dike sample assayed as follows:

Au. ozs.	Ag. ozs.	Cu. %
0.005	0.10	4.80

REMARKS:

The above results are interesting in that the said 100 pound sample was taken from the more or less leached and weathered outcropping of the said dike. Again, at the point where the said stringers intersect the dike, there is a splendid chance to pick up a bonanza chimney of ore, carrying high values in copper, gold and silver, probably equalling in grade the small amounts of shipping ore that have heretofore been obtained from the stringers above referred to.

MINE WORKINGS:

Tunnel No. 1 was driven, at an elevation of 1815 feet above sea level, a distance of 600 feet. This tunnel was started as a crosscut to the main dike referred to; but it was gradually curved, from a N. 60 deg. E. course, so that its course at the end was due north, or paralleling the dike. A cross-cut was started to dike, near the end of this tunnel, and was driven 50 feet where this work was stopped. Mr. Thompson states that 100 feet of additional cross-cutting would intersect the dike. (See maps).

Tunnel No. 2 was started at an elevation of 2,040 feet and was driven S. 70 deg. E. a distance of 180 feet to a small vein in the shear zone mentioned; this being one of the stringers that has produced most of the high grade shipping ore from property. Thence, a drift was run on vein N. 45 deg. E. 150 feet; the last 21 feet of this drift being in ore. In the face of this drift the vein is 4 feet wide, with streaks of high grade shipping ore on each wall. This drift should be continued straight ahead about 100 feet to dike, where the chimney mentioned should be picked up. Also near the end of the said present drift a cross-cut should be run to and across dike. This cross-cut would have a length of 50 feet or so. Should these two headings result in finding commercial ore in dike, drifts should be run on same and also raises should be driven to surface.

The Upper Tunnel was started as a cross-cut, at an elevation of 2125 feet and was driven east 50 feet, cutting seven veins of ore from 8 inches to 3 feet wide; the 3-foot vein assaying \$67.00 per ton, in copper, gold and silver, per Mr. Hussen, who has worked in the mine for years. This is the tunnel from which the 49 ton bonanza, above mentioned, was removed, in 1905.

The "Camp Workings" mentioned, consist of two shallow test pits on a so-called "blow-out", on the dike located near the camp houses. This "blow-out" or chimney of ore is around 75 feet long and 20 feet wide. One car load of ore, per Hussen, was shipped from

these test pits and the same averaged \$9.00 per ton in copper, gold, and silver, mainly copper. A shaft from 50 to 100 feet deep should be sunk here in order to determine the importance of this showing of ore.

PRODUCTION:

During 1940, Hussen shipped 13 tons of ore, per smelter returns which I examined, which assayed 3.0 ounces gold and 45.0 ounces silver per ton, plus 35% copper. During the same year, Williams shipped, from this property, ore and concentrates amounting to \$3,300, averaging about the same in grade as the Hussen shipments.

During 1941, Hussen shipped 13.4 tons, from the same property, assaying 3.1 ounces gold and 48 ounces silver per ton, plus about 34% copper. I looked over the smelter returns of these shipments and found the same to be correct. All of these high grade shipments came from the small stringers mentioned and are of no great importance in estimating probable mill tonnage, which must be secured by carrying out extensive exploratory work on the "dikes" above described; but which are really "mineralized fault zones", in which the brecciated material has been changed into ore by percolating solutions carrying silica, copper, gold and silver; the geologic features being right for the making of a large milling proposition, provided the development work indicated herein should be carried out in an intelligent manner.

75-TON MILL:

During 1940 Mr. Williams erected near Quartzsite a 75-ton flotation mill, powered by a 150-HP F. B. M. Diesel engine, and using flotation, a jig and tables to recover values from dump ores from the Apache mine, on which he had a lease and option at that time; said property being located 10 miles east of Quartzsite. Around 700 tons of ore were treated, and it is said a goodly recovery of values was made. However, this dump ore only averaged 2.5% copper and about \$1.50 in gold and silver. As no profit could be made in treating this grade of ore, and as no attempt was made to reopen the Apache mine, which might have furnished a better grade of ore in quantity, the mill was closed down and the option on the Apache mine was allowed to lapse. Mr. Thompson states that this option can be secured again at any time, should milling operations be resumed and should it be decided to take over this property again, with a view to carrying out development work on the same. In any event, Mr. Williams, after dropping the Apache mine, secured a lease and option on the Copper Bottom property, on which he has spent some money carrying out exploratory work and in making metallurgical tests on the ores of this latter property. Per these tests, it was determined that the copper, gold and silver values in Copper Bottom ores can be successfully recovered by the mill above described.

REX THOMPSON'S PLAN OF OPERATION:

Mr. Thompson informed me that if Halsey L. Williams can get deferment or a discharge from the Army, he plans to start milling ore immediately at the rate of at least 50 tons daily, which he proposes to secure in the following manner and from the following places at the Copper Bottom mine: That he would start immediate quarry work at the said mine at the "Camp Workings" mentioned, where it is believed considerable milling ore can be mined averaging around \$10.00 per ton in copper, gold and silver. That as soon as mill can be started, ore will also be mined and milled from Tunnel No. 2 and from the Upper Workings of the Copper Bottom property, and that ores from this source should run around \$12.00 per ton in copper, gold and silver, mainly copper which should average 3% in that metal. While this work is going on, per Thompson, it is planned to complete Tunnel No. 2, or the drift therefrom on vein, to dike, about 100 feet, and also plan to cross-cut said dike in one or two places, from this drift. Then drifts and raises would be run on dike in order to block out milling ore. Later, it is planned to complete the 50-foot cross-cut to dike from Tunnel No. 1; and then drift and raise on the ore in said dike, in the event pay ore should be encountered.

Thompson also stated that in 1940 Williams milled 400 tons of ore from mine dumps and 100 tons of ore from the said Upper Workings. That the 400 tons averaged 2.89% copper, \$2.00 gold and \$1.50 silver per ton. This statement was made in proof that there is now milling ore in some quantity which can be stoped out in the said Upper Workings of the mine, including the ore now exposed in Tunnel No. 2. That if necessary, while this work is going on, the lease and option on the Apache mine could be renewed with the end in view of milling around 2,000 tons of dump ore at this property. This merely for the purpose of keeping the mill running at capacity while the Copper Bottom mine is being developed. That Williams has ample money to carry on operations along the above lines, provided he can get released from Army service.

MY OWN OPINION:

I do not agree with Mr. Thompson, in the event Mr. Williams should get released from the Army and resume operations, that the mill should be started immediately. To give a true picture of the situation at the Copper Bottom property, the main problem concerning the same is to develop an underground ore supply. At the present time there are practically no ore reserves developed in this mine. But I am more than confident, if the work outlined in this statement can be carried out, which will take around six months time, that ample ore, running from \$10 to \$20 per ton in copper, gold and silver can be put in sight during that time to justify milling operations at a rate of 75 tons per day, or possibly more. In short, this property presents a potential ore supply which should make it a large and profitable mine. Ore should be developed first. The mill should be started later.

/s/ Elgin B. Holt
Elgin B. Holt,



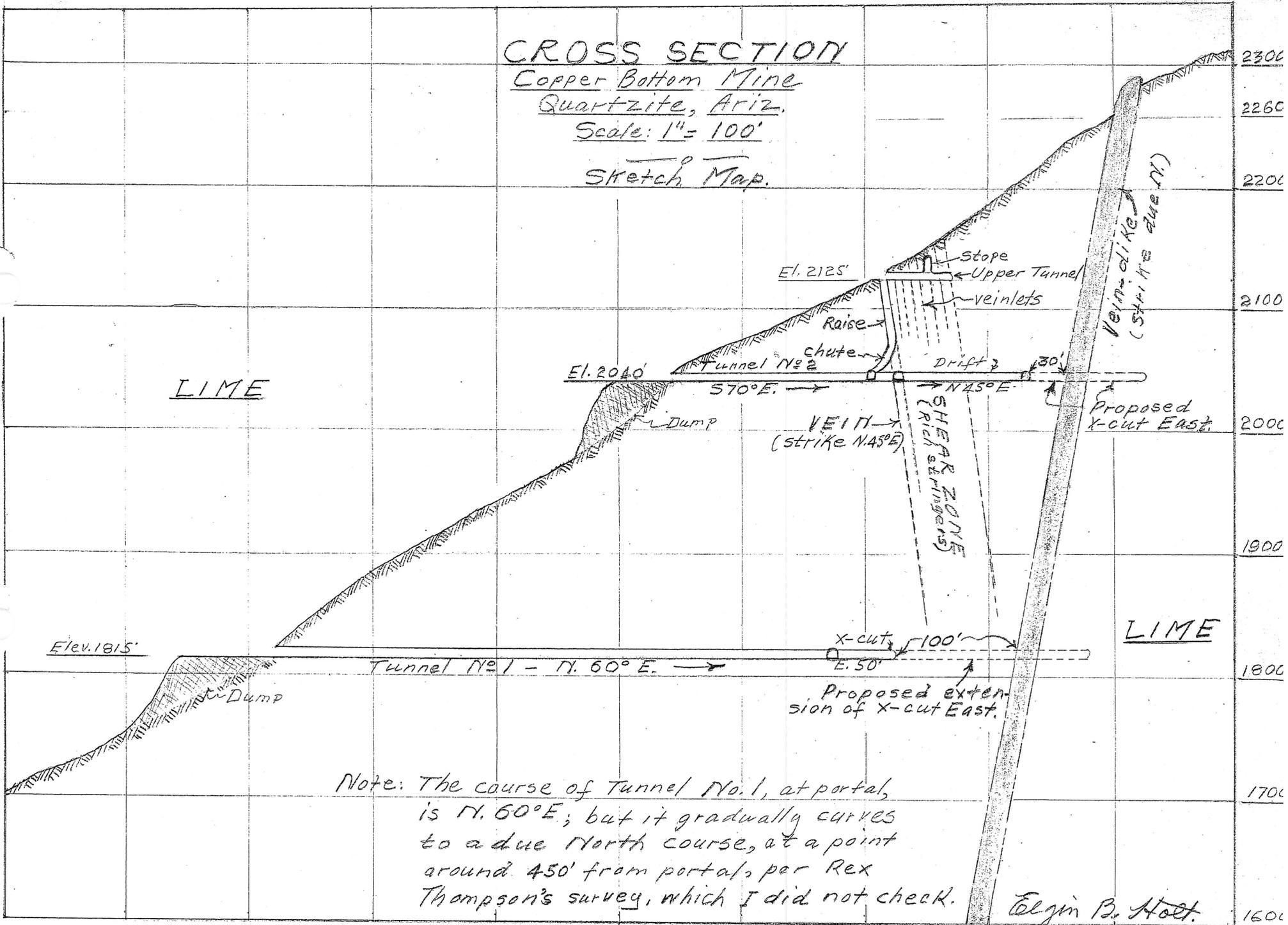
CROSS SECTION

Copper Bottom Mine

Quartzite, Ariz.

Scale: 1" = 100'

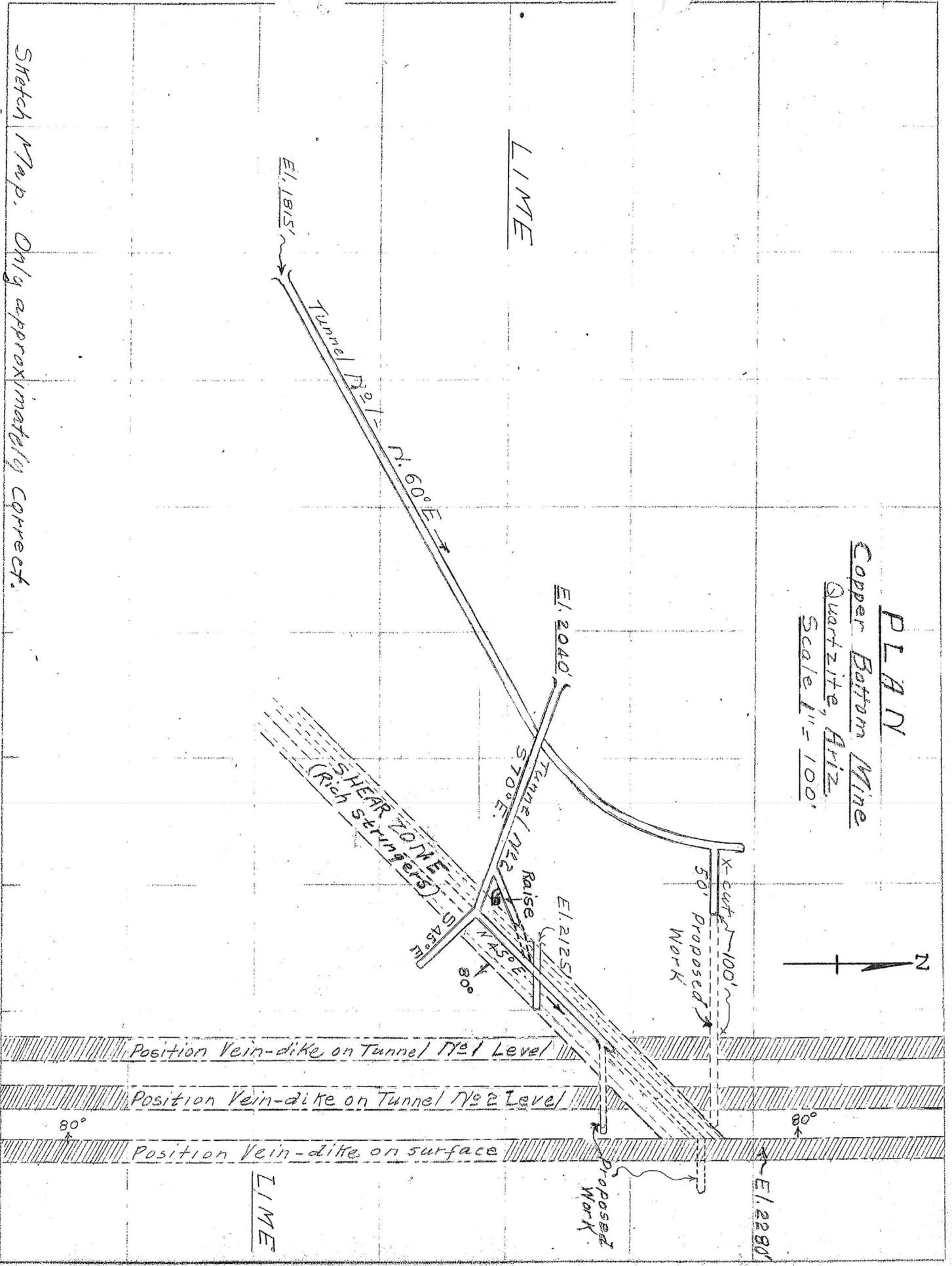
Sketch Map.



Note: The course of Tunnel No. 1, at portal, is N. 60° E.; but it gradually curves to a due North course, at a point around 450' from portal, per Rex Thompson's survey, which I did not check.

Elgin B. Holt.
10/20/42.

PLAN
 Copper Bottom Mine
 Quartzite, Ariz.
 Scale 1" = 100'



Sketch Map. Only approximately correct.

August 17, 1942

DEPT. MINERAL RESOURCES
RECEIVED
AUG 18 1942
PHOEN ARIZONA

Mr. S. J. Coupal

Dear Sir:

When you were in Los Angeles I talked to you briefly regarding the Copper Bottom Mine near Quartzite Arizona.

Haley Williams, who owns the mill at Quartzite, and myself are contemplating starting the mill on ore from the Copper Bottom which we have been developing for the past year. As you probably know we run approximately 650 tons of ore from the Copper Bottom through the mill in 1940.

You stated during our conversation that you expected Mr. Holt to look at the Copper Bottom Mine in the near future. I would like to know, if possible, if he has had time to look it over yet or if not approximately when he will get to it. It would also be very helpful to us if you could give me any additional information from

your files regarding the
Copper Bottom.

Sincerely yours
Rex L. Thompson

4141 Duquesne St.
Culver City,
California

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY (SHORT FORM)

May be Reproduced

May Be Inserted Into Mine File Or Added To "Rumor Page"

1. Information from: Neal Teague

Address:

2. Phone: (817) 485-6107

3. Mine: COPPER BOTTOM

4. ADMMR Mine File: *Copper Bottom*

5. County: La Paz

6. MILS Number:

7. Operational Status:

8. Summary of information received, comments, etc.:

Mr. Teague called wanting suggested investors or joint venture partners to develop the Copper Bottom mine. He reported the average of samples he took is 15% copper with some gold and silver. The possibility of the property being a metalliferous silica flux producer was explained. I suggested that Dick Beard and possibly myself visit the property before making any recommendations.

Date: November 7, 1988



(Signature) AzDMMR

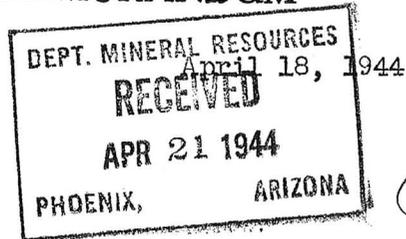
COPPER BOTTOM MINE

LA PAZ COUNTY

RRB WR 10/24/86: Mr. Summer reports that Kennecott is drilling the Copper Bottom Mine (f) La Paz County.

United States Senate

MEMORANDUM



Dear Sam,

Your wire relative to the Copper Bottom report is at hand.

It is my recollection that this report by Holt was on the Department stationary.

Anyway, all this material went on the Halsey Williams file which travelled up and down the Selective Service offices when we were attempting to get him released.

I shall have to try and locate the file and get the material back.

It seems surprising that you or Holt do not have a copy.

If I can locate whose office the file is in and recover the report, will mail it in. You see, it was necessary to try and sustain the value of the mine to influence the Appeal Board.

Bill Broadgate

Had Jack Still and Wilbur Nelson to lunch. Jack is handling tungsten for MRC... I think I told you before.

Charge to the account of _____

Department of Mineral Resources

\$ _____

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER <input checked="" type="checkbox"/>	URGENT RATE
SERIAL	DEFERRED
NIGHT LETTER	NIGHT LETTER

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206

A. N. WILLIAMS
PRESIDENT

CHECK
ACCOUNTING INFORMATION
TIME FILED

Send the following telegram, subject to the terms on back hereof, which are hereby agreed to

DAY LETTER

Phoenix, Arizona, April 18, 1944

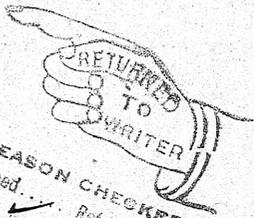


Mr. W. C. Broadgate
 Hotel Harrington
 11th & E Sts., N.W.
 Washington, D. C.

re Halsey Williams
 October 7, 1942 Hastings mailed memo to you/as follows quote enclosed is
 complete report of the Copper Bottom Mine by Holt. Utilize this and return
 for our files unquote. Mrs. Clausen, owner, would like the report. Can you
 locate it and mail it to this office.

J. S. Coupal

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
304 HOME BUILDERS BUILDING
PHOENIX, ARIZONA



REASON CHECKED
Unclaimed.....
Unknown.....
For better address.....
Moved, Left no address.....
No such office in state.....
Refused.....



Mr. Ed Hussen

~~Quartzsite, Ariz.~~

Copper Bottoms

*Mrs. Helen L. Clausen
c/o C. H. Carson
Cunningham & Carson
419 T Bldg.*

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007



August 7, 1969

Mr. M. P. Lipe, Jr.
1432 6th Street N.W.
Hickory, N. C. 28601

Dear Mr. Lipe:

Enclosed is a copy of a report in our files by one
Elgin Holt that pertains to the Copper Bottom property
in Yuma County, Arizona

We trust that the enclosure is of value to you.

Sincerely,

A handwritten signature in cursive script, appearing to read "John H. Soule".

John H. Soule
Field Engineer

JHS:ms

C
O
P
Y

M. P. LIPE, JR.
1432 6TH STREET, N. W.
HICKORY, N. C.
28601

Aug. 1, 1969

Dept. of Mineral Resources
Mineral Bldg., Fairgrounds
Phoenix, Arizona



Gentlemen: I have purchased eleven patented Mining Claims, Plomosa District, Yuma County.

They are known as Copper Bottom, Nos. 1-11, U. S. Mineral Survey No. 1876, Patent No. 88732.

Does your office have any information about this property relating to its Mineral possibilities or content?

I will greatly appreciate any information you may care to give me concerning the Copper Bottom Claims.

Yours very truly,
M. P. Lipe, Jr.

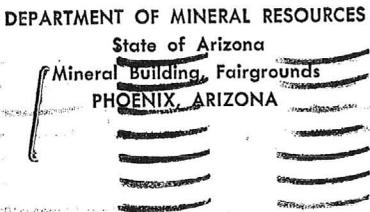
ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

May 20, 1958

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

COPPER BOTTOM MINE (YUMA COUNTY) copper, gold, silver
(Property) (ore)

We have an old listing of the above property which we would like to have



2-27-67

*Reportedly owned by
Iva May - Being of Phx.
at present.*



NOT AT MAYFAIR HOTEL

PULL JUN 9 1958

~~Mrs. Helen L. Clausen
% Halsy L. Williams
Mayfair Hotel
7th & Whitmer
Los Angeles, California~~

enc: mine owner's Report

Sec 28, T3N, R20W, US

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

May 20, 1958

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

COPPER BOTTOM MINE (YUMA COUNTY) copper, gold, silver
(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

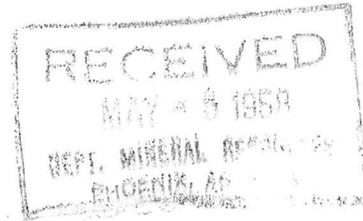
Sec 28, T3N, R20W, US

GENE S. CUNNINGHAM
CHARLES A. CARSON, 1891-1952
WM. H. MESSINGER
C. A. CARSON, III
RICHARD H. ELLIOTT
LARRY LAUGHLIN
KEITH W. RAGAN
WILLIAM H. REHNQUIST
PHILIP W. MESSINGER

LAW OFFICES
CUNNINGHAM, CARSON & MESSINGER
TITLE & TRUST BUILDING
PHOENIX, ARIZONA

ALPINE 4-4733
ALPINE 2-1784

May 7, 1958



Mr. Frank P. Knight
Director, Arizona Department of
Mineral Resources
Mineral Building
Fairgrounds
Phoenix, Arizona

Re: Copper Bottom Mine;
Mrs. Helen L. Clausen

Dear Mr. Knight:

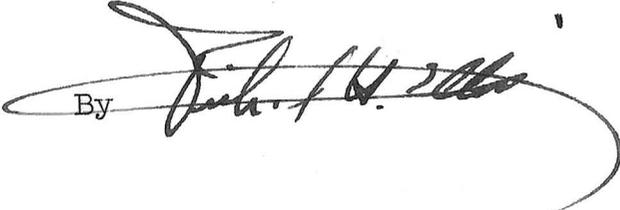
Having received your form letter of February 10, 1958, regarding Copper Bottom Mine, asking for information to bring up to date an old listing on the above property. Pursuant thereto, we sent your information to Mrs. Helen L. Clausen, at 2405 East Jewitt Street, San Diego, 11, California.

However, our letter was returned to us showing Mrs. Clausen not at that address.

Do you have a later or better address for Mrs. Helen L. Clausen?

Yours very sincerely

CUNNINGHAM, CARSON & MESSINGER

By 

RHE:cms

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



May 7, 1958

Mr. Richard H. Elliott
Cunningham, Carson & Messinger
Title & Trust Building
Phoenix, Arizona

Re: Copper Bottom Mine
Mrs. Helen L. Clausen

Dear Mr. Elliott:

Our records give an address for Mrs. Clausen of 3405 West Jewitt St., San Diego 11, California, rather than the 2405 East Jewitt St. given in your letter of May 7th.

However, that address was given this department in 1942, whereas the address in care of your firm was given in 1946.

We have received no inquiry regarding the Copper Bottom Mine, and our form letter is a result of an attempt to bring our files of mining properties up to date as to owners and other information.

Sincerely yours,

FRANK P. KNIGHT
Director

FPK/H

C
O
P
Y

called from - d.H.

August 30, 1944

Mr. Rex Thompson
4074 Lincoln Avenue
Culver City, California

Dear Mr. Thompson:

In compliance with your request by
telephone we are enclosing copy of Mr.
Holt's report on the Copper Bottom Mine.

Yours very truly,

Secretary

lp
Enc.

April 25, 1944

Mrs. Helen L. Clausen
c/o C. A. Carson
Cunningham and Carson
419 T and T Building
Phoenix, Arizona

Dear Mrs. Clausen:

Please find enclosed a copy of Elgin B. Holt's
report on the Copper Bottom Mine.

Very truly yours,

J. S. Coupal
Director

JSC:JES

ENC.

MEMORANDUM

April 21, 1944

To: Elgin B. Holt

From: J. S. Coupal

Subject: Report on Copper Bottom Mine

Mrs. Clausen, owner of the Copper Bottom Mine, located near Quartzsite, called at the office and would like to have a copy of the report made by you on this property. In looking into the files, I find a memo stating that we had sent a copy of your report to Bill Broadgate in Washington at the time he was working on the Halsey-Williams case for getting Williams out of the Army.

I wired Bill Broadgate and he replies that he cannot locate it at the moment but will try. Will you please look into your file and see if you have a report and, if so, please forward it at once to this office so that we can make copies and return the original to you.

J. S. Coupal

P. S. Regarding your post script, will say that the Board of Governors took no definite action. They had a lengthy heated discussion and adjourned until May 13.

P. S. Copies of your report on the Bunker Hill Scheelite will be forwarded as requested.

JSC:JES

Salome, Ariz., Oct. 17, 1942

COPPER BOTTOM MINE



To: J. S. Coupal
From: Elgin B. Holt

Yesterday morning I went to the Copper Bottom mine with Mr. Rex Thompson, and went all through the main workings of this property, which is a much better one than I thought it was, as there are two large undeveloped veins on this property, carrying copper and gold values. The main work was done on stringers assaying 3 to 4 ounces gold, 50 ounces silver and 35% copper. I asked Thompson for assay data which he did not have with him. He left for L. A. yesterday afternoon and will mail this data back to me as soon as possible; but will have to dig part of the assays out of the files of Smith-Emery Company.

Will get this report to you early next week, probably Tuesday. The mine really has a chance to make a sizeable property by developing the large veins, or dikes, which are from 10 to 30 feet wide. Hence, I will be able to put a better face on this set up than I thought possible before I saw the mine, or from the stories I had heard about it.

Elgin B. Holt

Elgin B. Holt.

NOTE: I will put in the full week, beginning next Monday, Oct. 19th, around Salome, Wenden and Quartzite. My plan is to leave here for Quartzite next Thursday, and spend that day with Kaiser on his lead mine. The following day I expect to go out with E. B. Hart to look over his tungsten claims.

October 27, 1942 ^C

MEMORANDUM

Halsey Williams

TO: Bill Broadgate

FROM: Earl F. Hastings

Enclosed is a complete report of the Copper Bottom Mine by Elgin B. Holt. Please utilize this as you see fit and return for our files.

August 19, 1942

Mr. Rex S. Thompson
4441 Duquesne Street
Culver City, California

Dear Mr. Thompson:

Many thanks for your letter of August 7 and I am sorry to say that Mr. Holt, our engineer in the western district, has been unable to visit the Copper Bottom Mine in his last trip into that area. I do not find any information in our files regarding the Copper Bottom Mine.

The next time Mr. Holt is in the district I will ask him to make an examination of the property and will advise you when we have that additional information.

With best wishes and kindest regards, I am

Yours very truly,

J. S. Coupal, Director

JSC:LP

CC: Elgin B. Holt

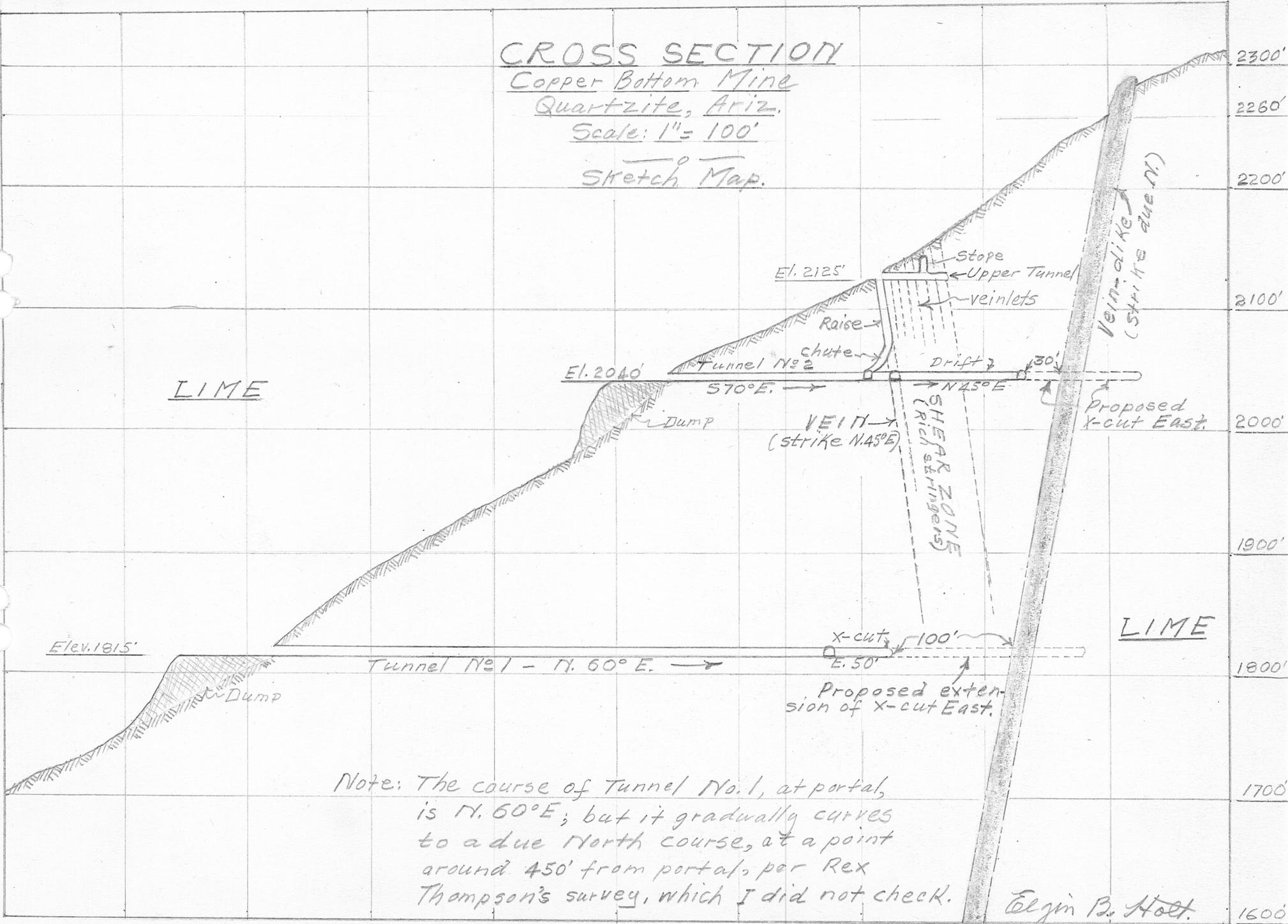
CROSS SECTION

Copper Bottom Mine

Quartzite, Ariz.

Scale: 1" = 100'

Sketch Map.



Note: The course of Tunnel No. 1, at portal, is N. 60° E.; but it gradually curves to a due North course, at a point around 450' from portal, per Rex Thompson's survey, which I did not check.

Elgin B. Holt.
10/20/42.

PLAN
 Copper Bottom Mine
 Quartzite, Ariz.
 Scale 1" = 100'



LIME

El. 1815'

Tunnel No. 1 - N. 60° E →

El. 2040'

Tunnel No. 2
S 70° E

El. 2125'

Raise

SHEAR ZONE
(Rich stringers)

S 45° E

x-cut 100'

50' Proposed Work

80°

El. 2280'

Proposed Work

Position Vein-dike on Tunnel No. 1 Level

Position Vein-dike on Tunnel No. 2 Level

Position Vein-dike on surface

80°

LIME

Sketch Map. Only approximately correct.